

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076724.D
 Acq On : 12 Jul 2023 10:46
 Operator : KP/SY
 Sample : VD0712SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Quant Time: Jul 12 11:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/13/2023
 Supervised By : Mahesh Dadoda 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.869	168	144949	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	276198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77942	53.669	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.340%			
35) Dibromofluoromethane	7.804	113	84389	51.432	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.860%			
50) Toluene-d8	10.269	98	304430	48.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.840%			
62) 4-Bromofluorobenzene	12.575	95	91671	45.392	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	26190	23.779	ug/l	99
3) Chloromethane	2.146	50	50759	22.159	ug/l	100
4) Vinyl Chloride	2.275	62	69086	27.037	ug/l	94
5) Bromomethane	2.675	94	51950	31.268	ug/l	97
6) Chloroethane	2.822	64	52519	29.988	ug/l	99
7) Trichlorofluoromethane	3.164	101	48157	22.901	ug/l	96
8) Diethyl Ether	3.599	74	16016	20.237	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.952	101	33026	24.386	ug/l	91
10) Methyl Iodide	4.152	142	27522	17.142	ug/l #	86
11) Tert butyl alcohol	5.063	59	11501	91.723	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	28780	21.699	ug/l	95
13) Acrolein	3.793	56	13350	98.847	ug/l	94
14) Allyl chloride	4.552	41	41746	17.211	ug/l #	89
15) Acrylonitrile	5.246	53	41641	102.324	ug/l	97
16) Acetone	4.022	43	32888	95.167	ug/l	88
17) Carbon Disulfide	4.258	76	70765	19.527	ug/l	98
18) Methyl Acetate	4.558	43	28600	17.958	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	76128	20.983	ug/l	96
20) Methylene Chloride	4.793	84	47363	19.752	ug/l	87
21) trans-1,2-Dichloroethene	5.305	96	34240	22.335	ug/l	94
22) Diisopropyl ether	6.210	45	99873	19.042	ug/l #	88
23) Vinyl Acetate	6.152	43	201911	77.665	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	65503	22.365	ug/l	96
25) 2-Butanone	7.081	43	51183	95.756	ug/l	89
26) 2,2-Dichloropropane	7.069	77	52948	20.968	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	41019	22.109	ug/l	90
28) Bromochloromethane	7.428	49	19592	22.082	ug/l #	72
29) Tetrahydrofuran	7.446	42	29631	86.261	ug/l	85
30) Chloroform	7.593	83	66346	22.878	ug/l	100
31) Cyclohexane	7.875	56	50380	21.610	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	54338	23.179	ug/l	98
36) 1,1-Dichloropropene	8.004	75	48944	21.301	ug/l	91
37) Ethyl Acetate	7.169	43	22862	17.171	ug/l #	70
38) Carbon Tetrachloride	7.993	117	40820	19.876	ug/l	97
39) Methylcyclohexane	9.275	83	52859	19.603	ug/l	92
40) Benzene	8.252	78	142387	20.321	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11489	15.281	ug/l #	71
42) 1,2-Dichloroethane	8.322	62	37999	20.070	ug/l	97
43) Isopropyl Acetate	8.363	43	43037	17.073	ug/l #	89
44) Trichloroethene	9.028	130	35520	18.792	ug/l	89
45) 1,2-Dichloropropane	9.304	63	39089	20.575	ug/l	92
46) Dibromomethane	9.387	93	20553	20.195	ug/l #	86
47) Bromodichloromethane	9.587	83	53466	21.953	ug/l	96
48) Methyl methacrylate	9.381	41	18775	16.251	ug/l #	76
49) 1,4-Dioxane	9.381	88	4391	360.095	ug/l #	76
51) 4-Methyl-2-Pentanone	10.163	43	110280	85.586	ug/l	92
52) Toluene	10.334	92	88467	20.120	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	47835	19.356	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	56085	19.141	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	29608	20.798	ug/l	95
56) Ethyl methacrylate	10.598	69	35378	19.032	ug/l #	83
57) 1,3-Dichloropropane	10.881	76	50916	20.890	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	79855	101.331	ug/l	91
59) 2-Hexanone	10.922	43	76768	85.649	ug/l	87
60) Dibromochloromethane	11.075	129	33002	19.920	ug/l	97
61) 1,2-Dibromoethane	11.181	107	26879	20.113	ug/l	98
64) Tetrachloroethene	10.804	164	26632	17.808	ug/l	87
65) Chlorobenzene	11.604	112	96202	20.325	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	33369	19.713	ug/l	98
67) Ethyl Benzene	11.681	91	171643	20.466	ug/l	98
68) m/p-Xylenes	11.792	106	131404	40.138	ug/l	92
69) o-Xylene	12.122	106	61927	19.871	ug/l	91
70) Styrene	12.134	104	106218	19.731	ug/l	96
71) Bromoform	12.298	173	18378	18.082	ug/l #	97
73) Isopropylbenzene	12.422	105	163135	21.105	ug/l	94
74) N-amyl acetate	12.234	43	38737	17.119	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	36422	22.835	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	24054m	21.111	ug/l	
77) Bromobenzene	12.698	156	34911	18.307	ug/l	77
78) n-propylbenzene	12.763	91	208911	21.889	ug/l	93
79) 2-Chlorotoluene	12.851	91	109352	20.865	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	130369	20.653	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	10374	19.950	ug/l	92
82) 4-Chlorotoluene	12.945	91	117867	21.656	ug/l	92
83) tert-Butylbenzene	13.169	119	115411	20.577	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	129681	20.386	ug/l	95
85) sec-Butylbenzene	13.345	105	179572	21.574	ug/l	94
86) p-Isopropyltoluene	13.457	119	143232	20.595	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	73164	19.532	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	74310	19.891	ug/l	97
89) n-Butylbenzene	13.787	91	146126	21.541	ug/l	98
90) Hexachloroethane	14.051	117	27749	21.621	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	67427	20.600	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5781	24.080	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	43079	19.748	ug/l	99
94) Hexachlorobutadiene	15.204	225	20928	19.733	ug/l	97
95) Naphthalene	15.333	128	90495	20.745	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	38782	20.405	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

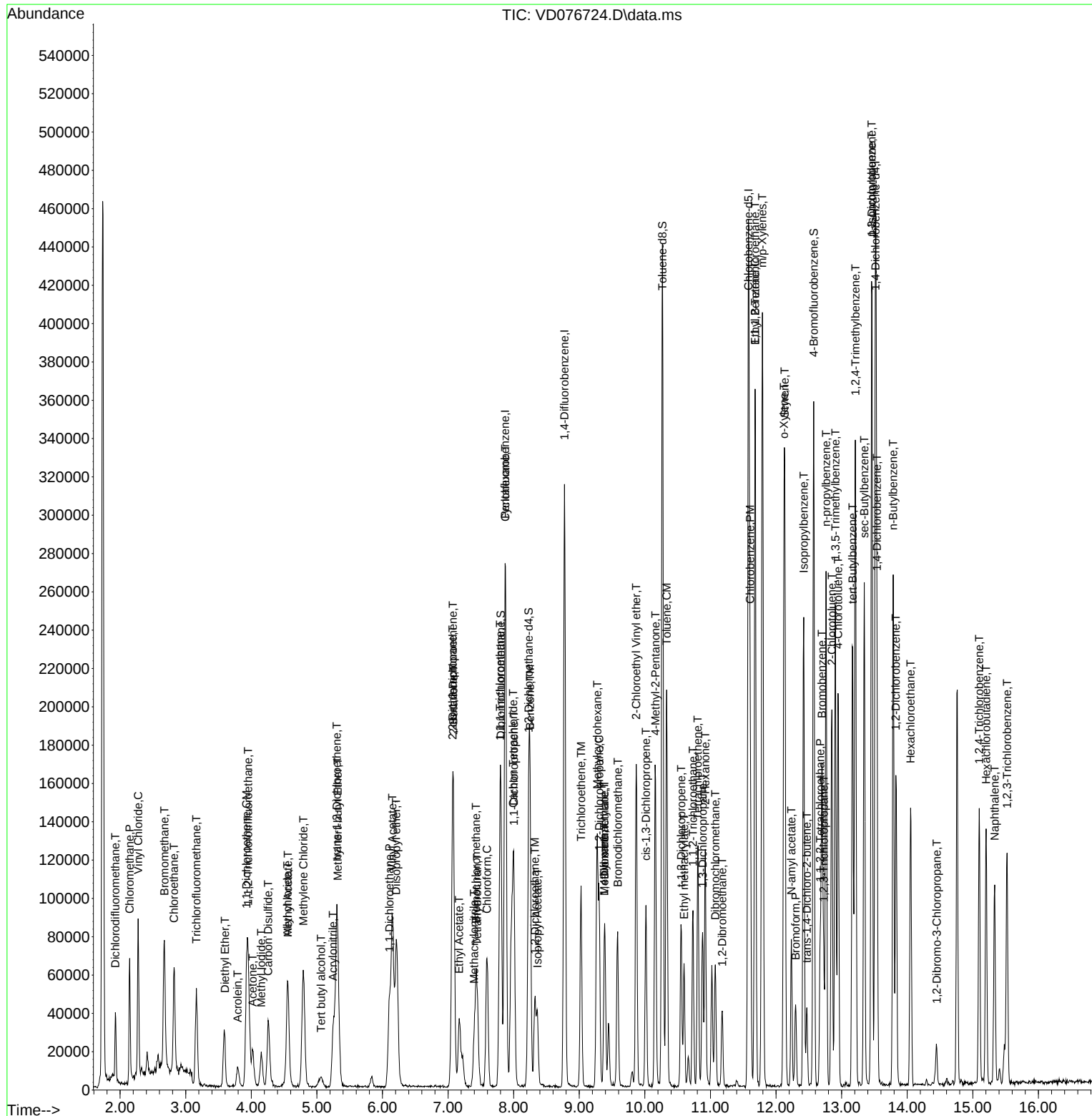
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ALS Vial : 5 Sample Multiplier: 1

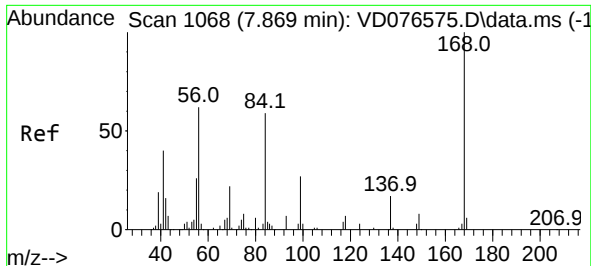
Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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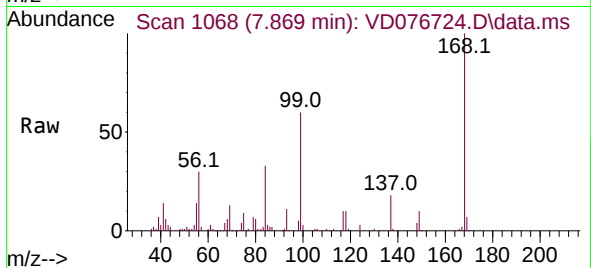
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

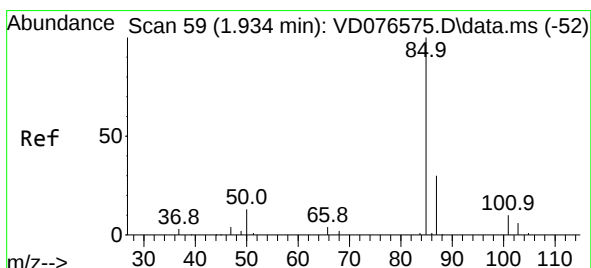
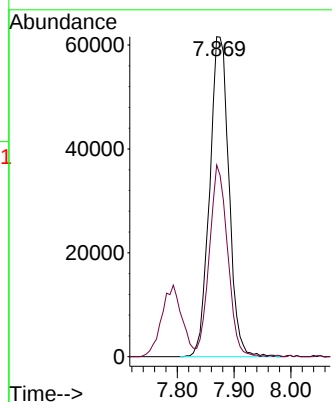
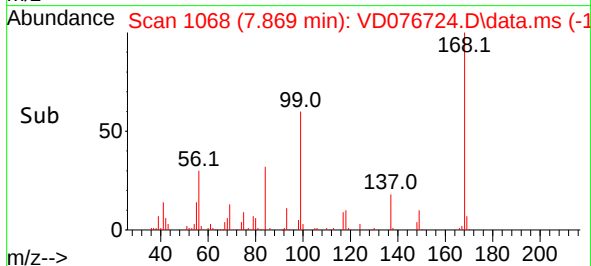
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:168 Resp: 144949
Ion Ratio Lower Upper
168 100
99 59.6 36.7 55.1

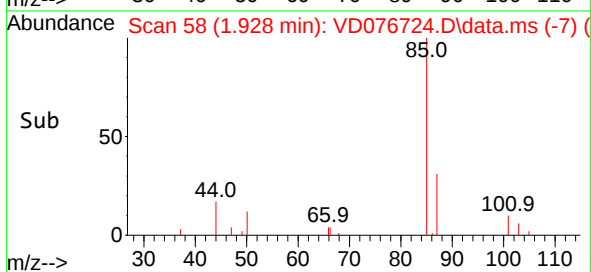
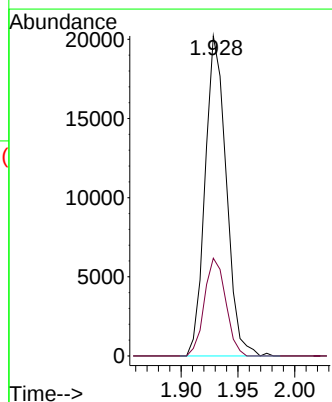
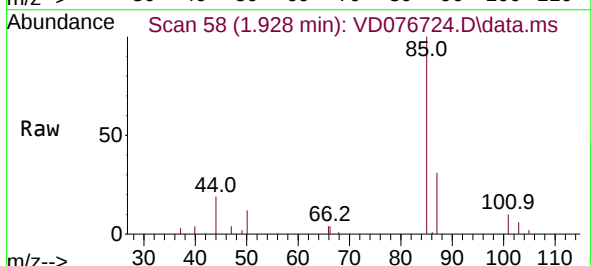
Manual Integrations
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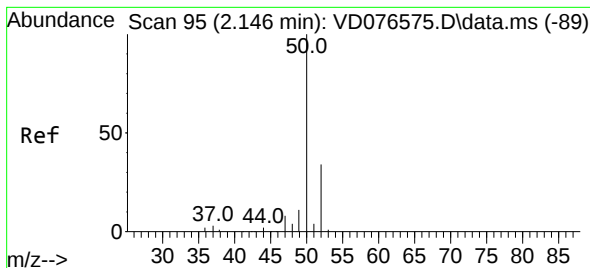
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#2
Dichlorodifluoromethane
Concen: 23.779 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 85 Resp: 26190
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0





#3

Chloromethane

Concen: 22.159 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 50 Resp: 50759

Ion Ratio Lower Upper

50 100

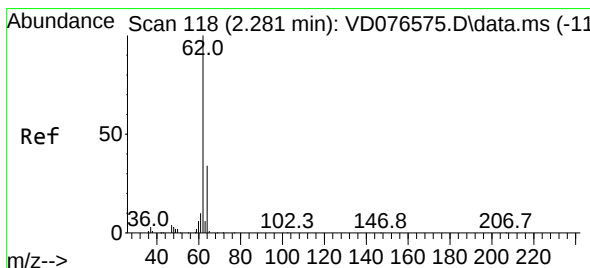
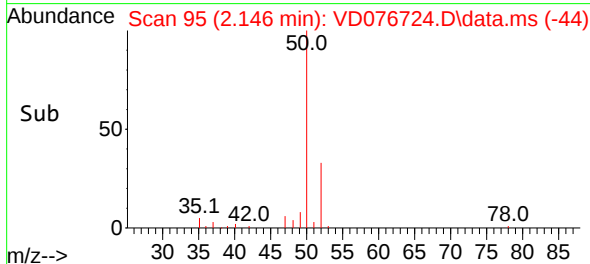
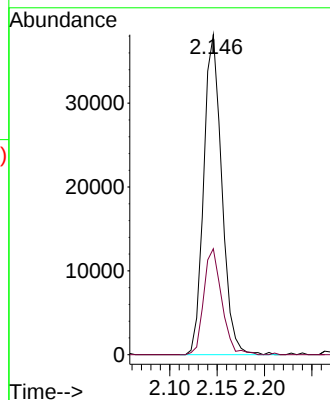
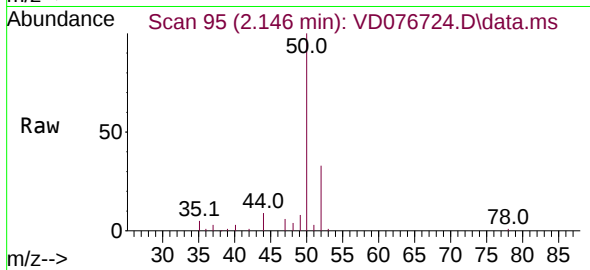
52 33.1 26.6 40.0

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 07/13/2023



#4

Vinyl Chloride

Concen: 27.037 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.000 min

Lab File: VD076724.D

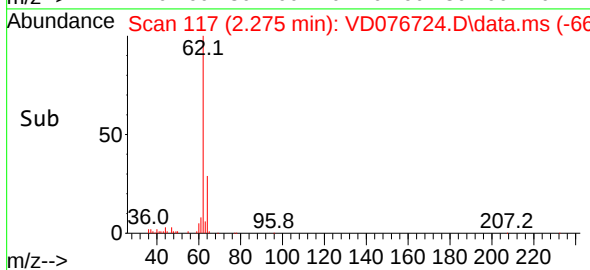
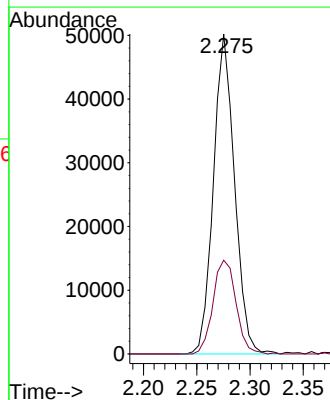
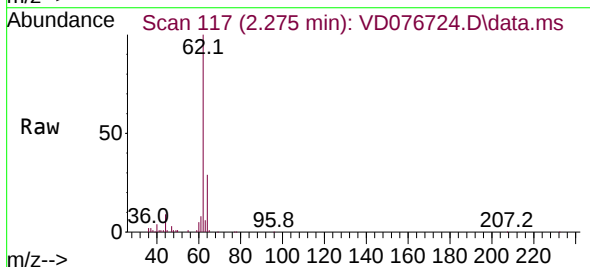
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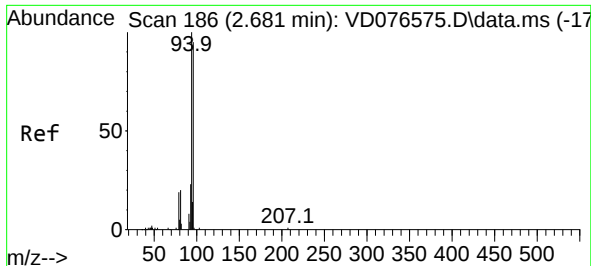
Tgt Ion: 62 Resp: 69086

Ion Ratio Lower Upper

62 100

64 29.3 26.0 39.0





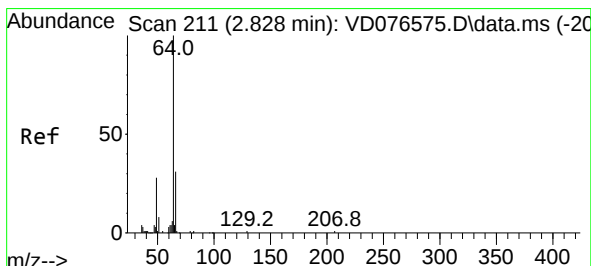
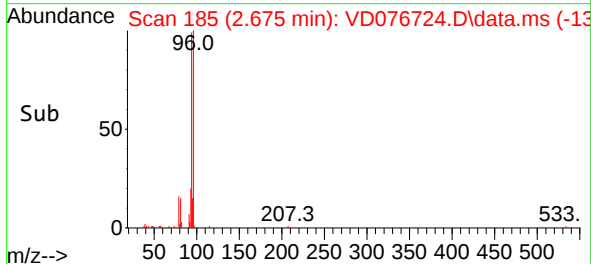
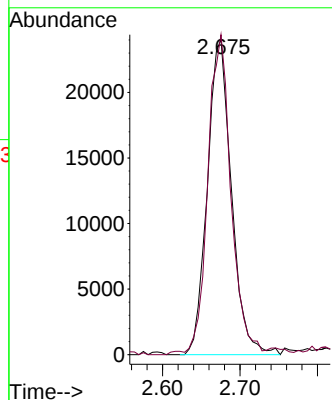
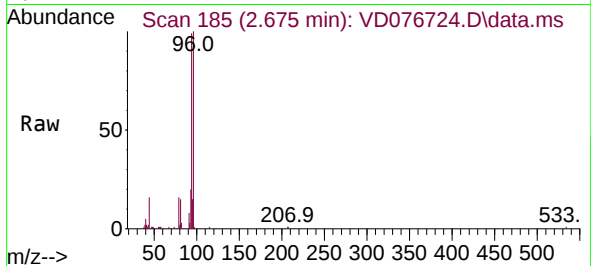
#5
Bromomethane
Concen: 31.268 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

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ClientSampleId :
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Tgt Ion: 94 Resp: 51950
Ion Ratio Lower Upper
94 100
96 98.2 75.8 113.8

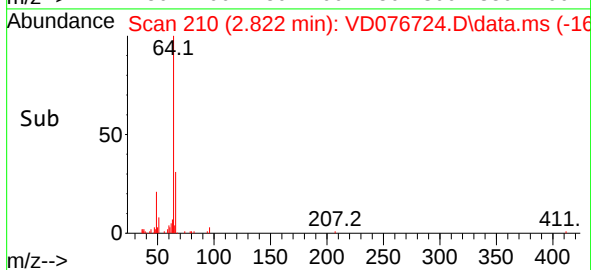
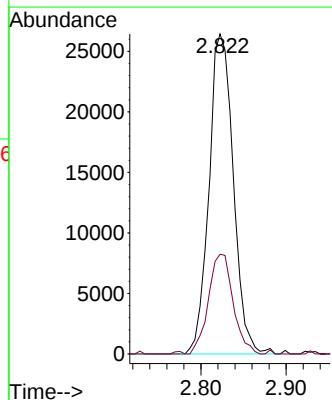
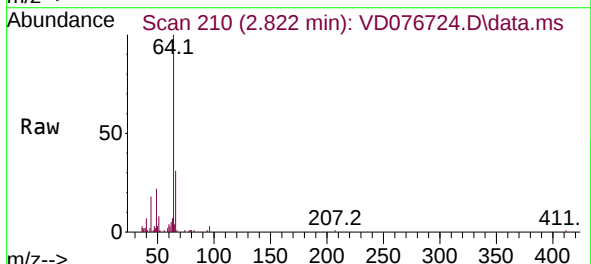
Manual Integrations
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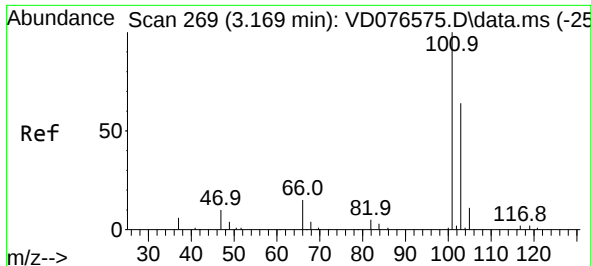
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#6
Chloroethane
Concen: 29.988 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

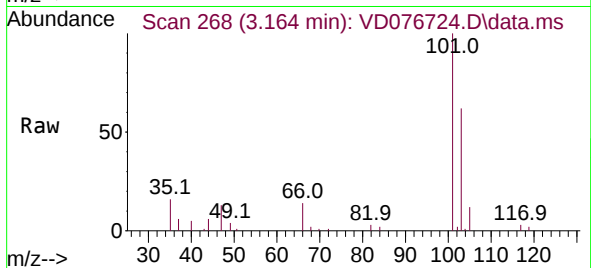
Tgt Ion: 64 Resp: 52519
Ion Ratio Lower Upper
64 100
66 31.1 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 22.901 ug/l
 RT: 3.164 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

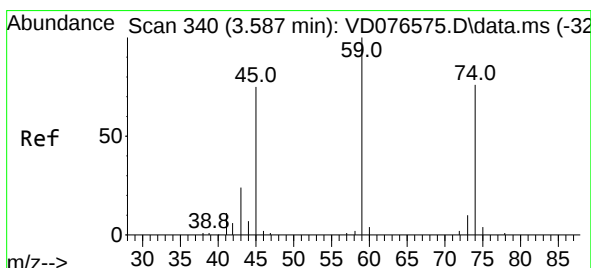
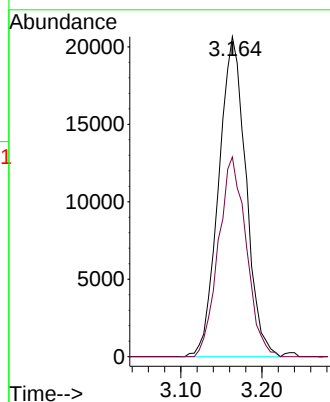
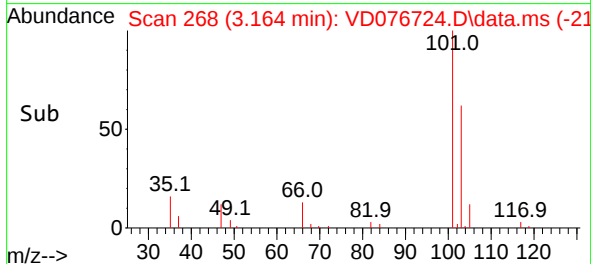
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01



Tgt Ion:101 Resp: 4815
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5

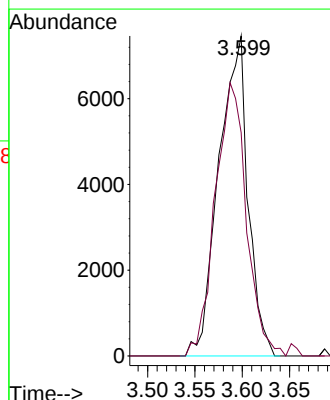
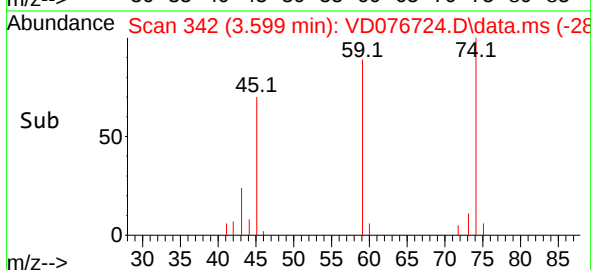
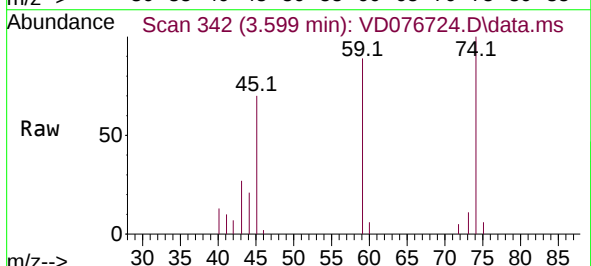
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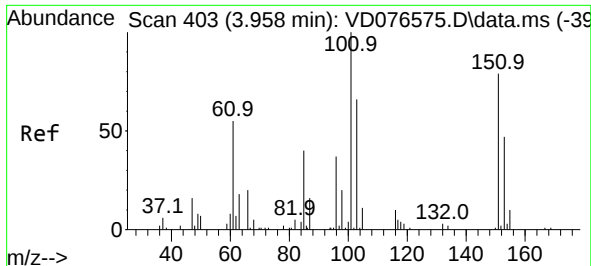
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#8
 Diethyl Ether
 Concen: 20.237 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

Tgt Ion: 74 Resp: 16016
 Ion Ratio Lower Upper
 74 100
 45 90.7 37.5 112.7





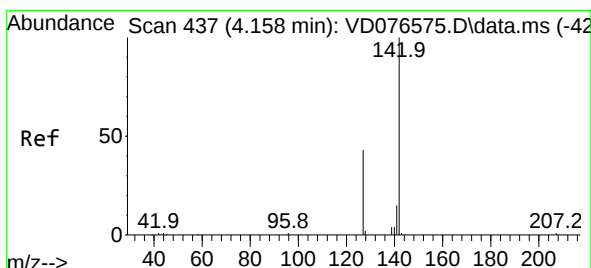
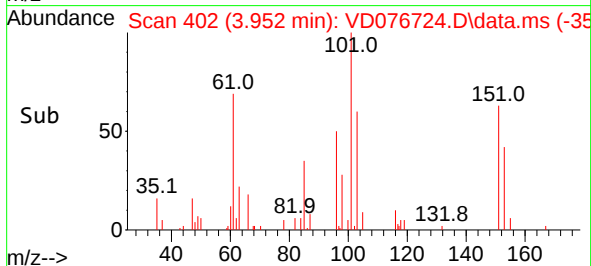
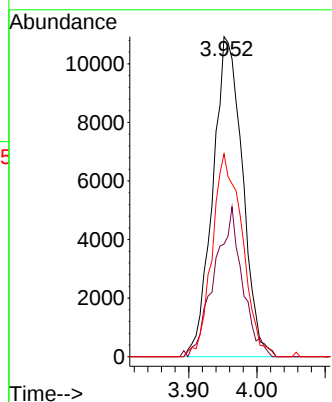
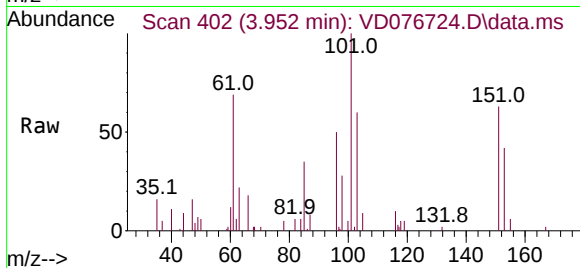
#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.386 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:101 Resp: 33020
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 64.3 59.8 89.6

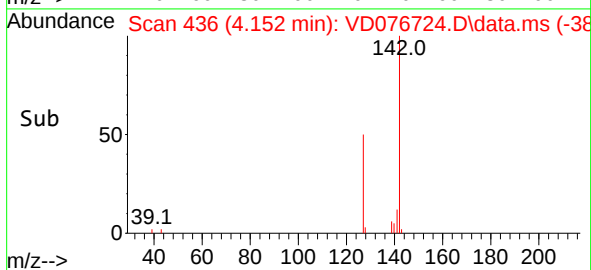
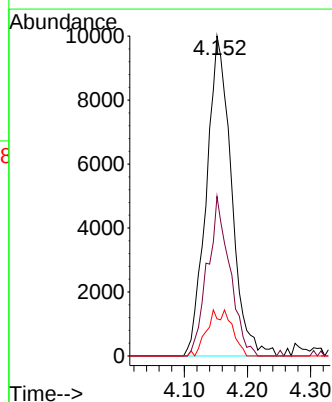
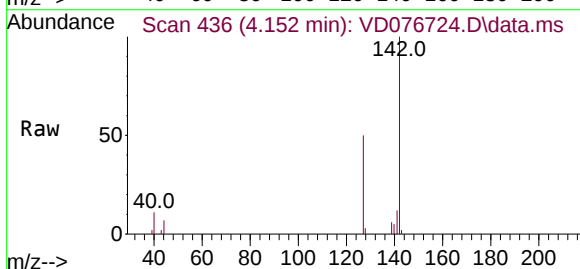
Manual Integrations
APPROVED

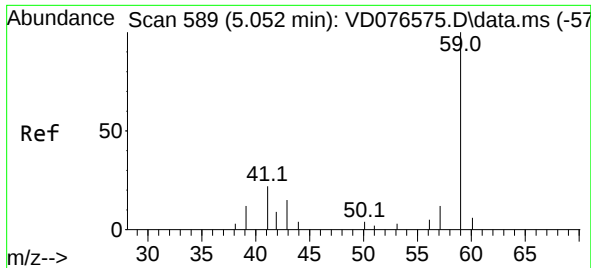
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#10
Methyl Iodide
Concen: 17.142 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:142 Resp: 27522
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 8.2 11.1 16.7#





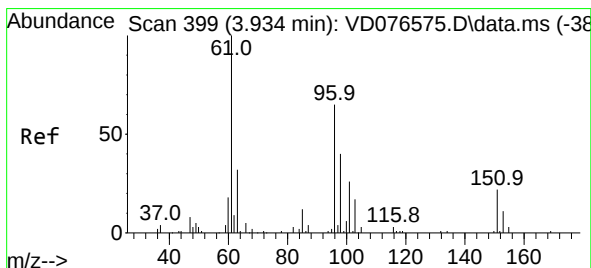
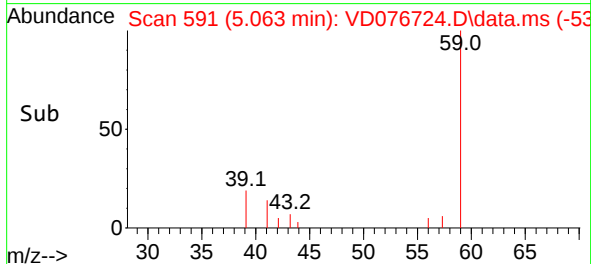
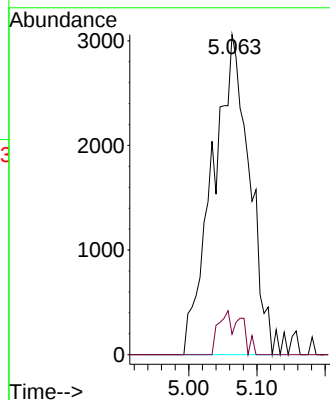
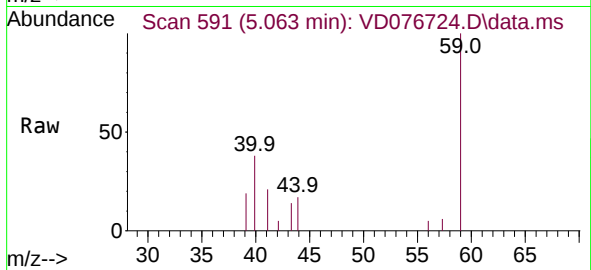
#11
Tert butyl alcohol
Concen: 91.723 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 59 Resp: 1150
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8

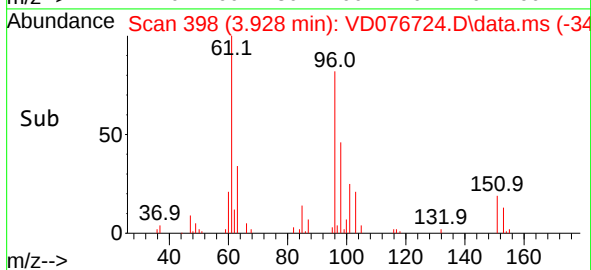
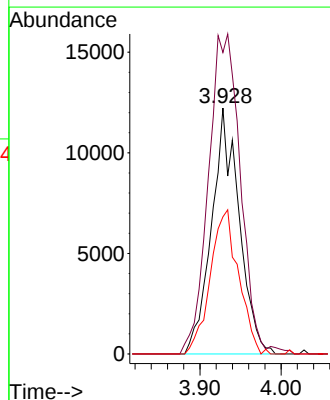
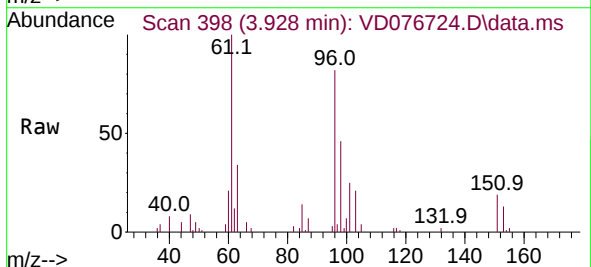
Manual Integrations
APPROVED

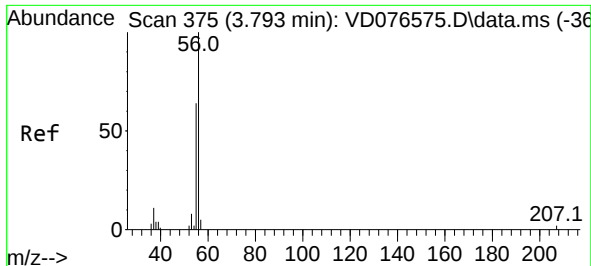
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#12
1,1-Dichloroethene
Concen: 21.699 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

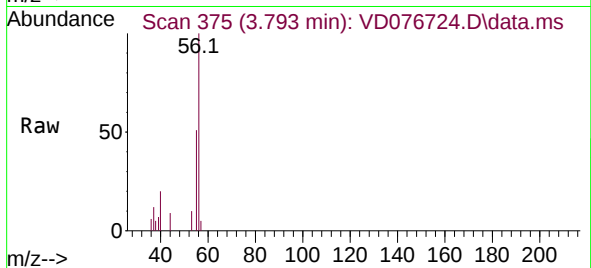
Tgt Ion: 96 Resp: 28780
Ion Ratio Lower Upper
96 100
61 122.6 100.6 150.8
98 55.8 50.2 75.2





#13
Acrolein
Concen: 98.847 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

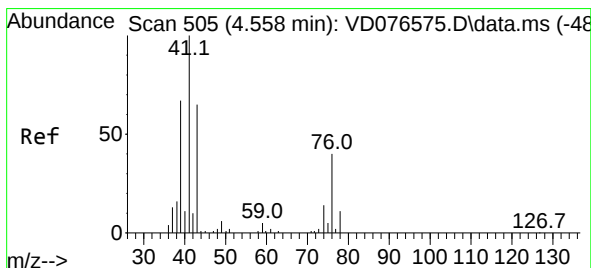
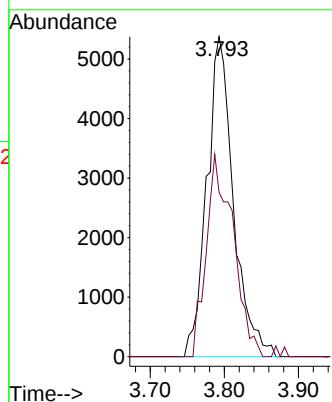
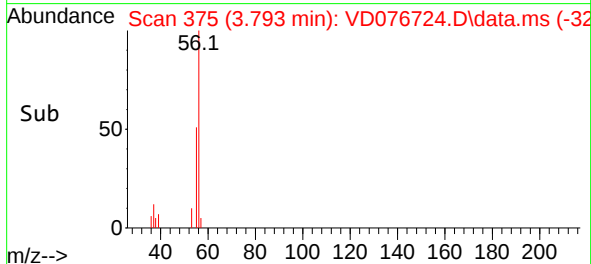
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 56 Resp: 13350
Ion Ratio Lower Upper
56 100
55 64.2 55.1 82.7

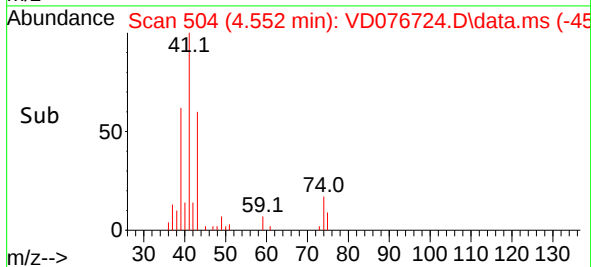
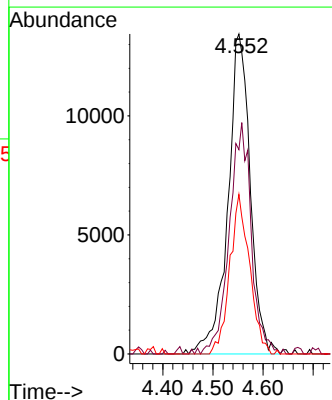
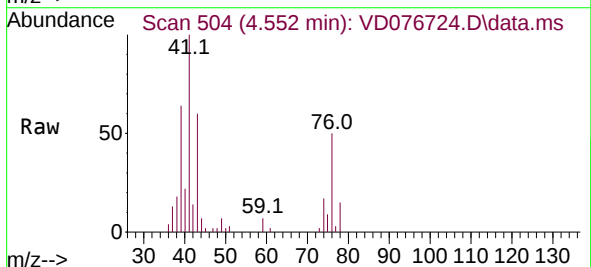
Manual Integrations
APPROVED

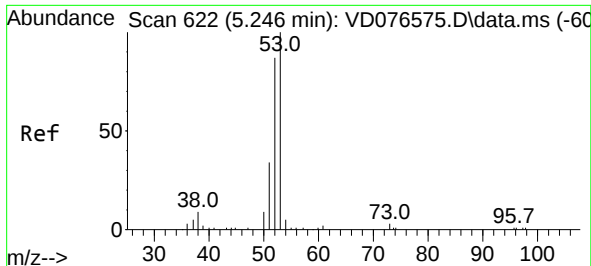
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#14
Allyl chloride
Concen: 17.211 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

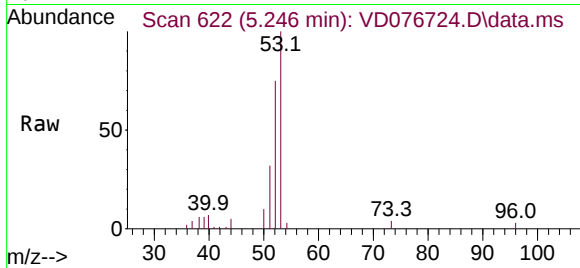
Tgt Ion: 41 Resp: 41746
Ion Ratio Lower Upper
41 100
39 71.0 53.8 80.6
76 44.1 45.8 68.8#





#15
Acrylonitrile
Concen: 102.324 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

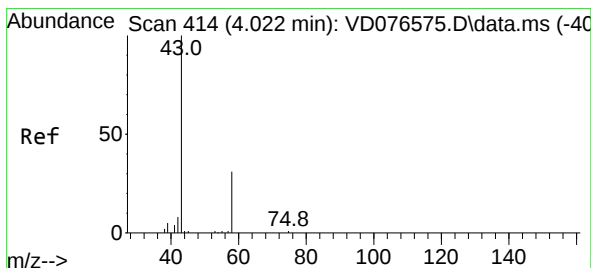
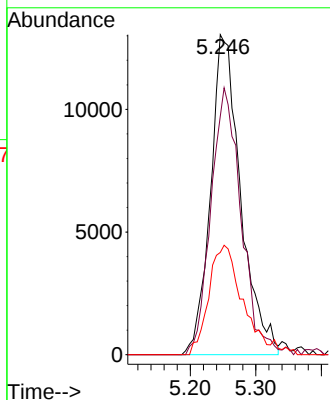
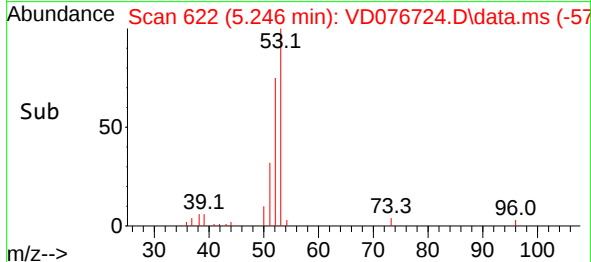
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 53 Resp: 4164
Ion Ratio Lower Upper
53 100
52 83.3 65.0 97.4
51 38.7 28.3 42.5

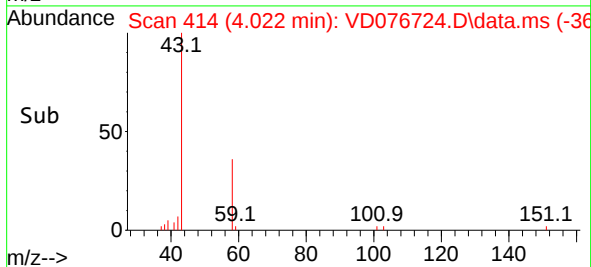
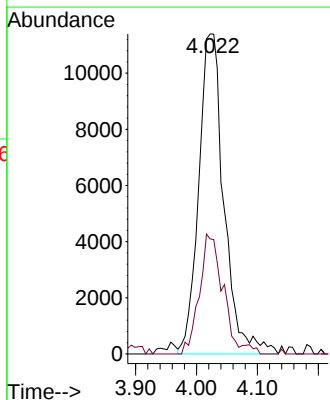
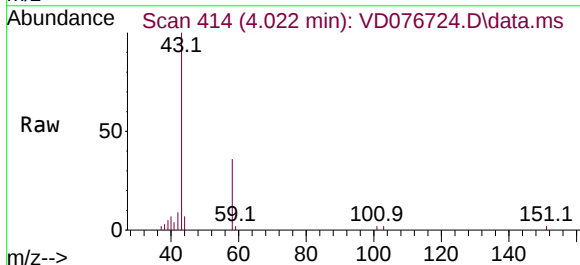
Manual Integrations
APPROVED

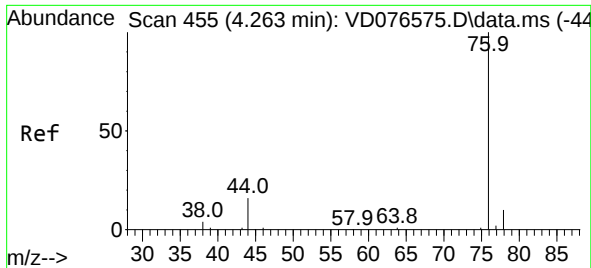
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#16
Acetone
Concen: 95.167 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 43 Resp: 32888
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1





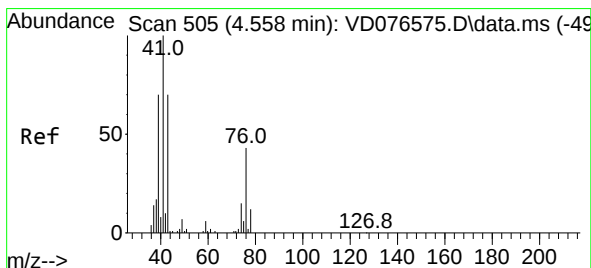
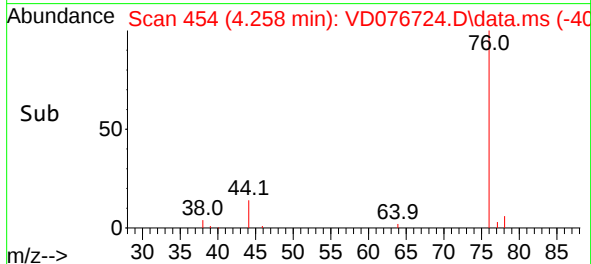
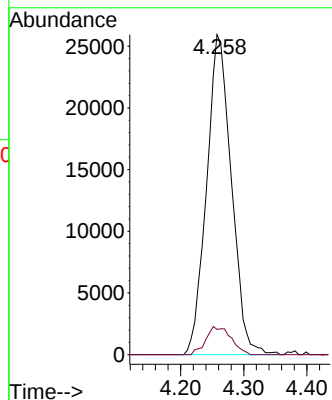
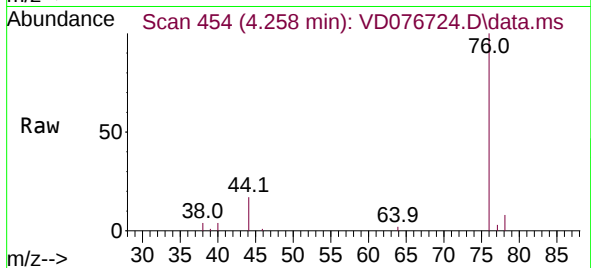
#17
Carbon Disulfide
Concen: 19.527 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 76 Resp: 7076
Ion Ratio Lower Upper
76 100
78 7.9 6.8 10.2

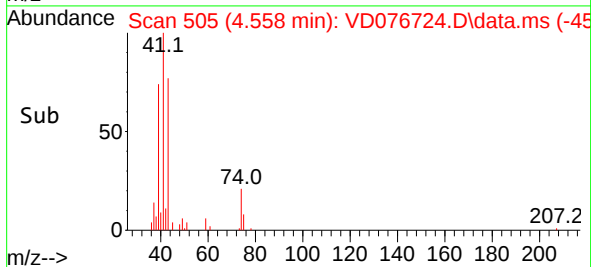
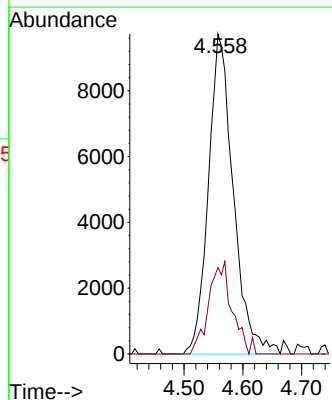
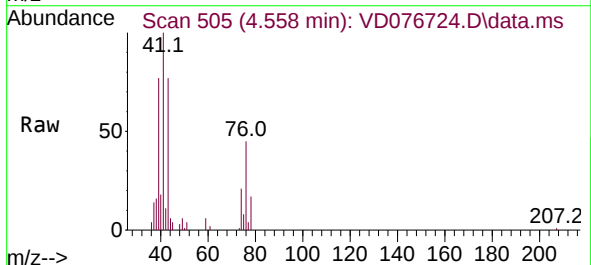
Manual Integrations
APPROVED

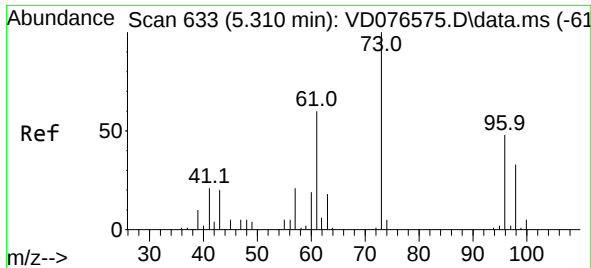
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#18
Methyl Acetate
Concen: 17.958 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 43 Resp: 28600
Ion Ratio Lower Upper
43 100
74 26.5 26.4 39.6





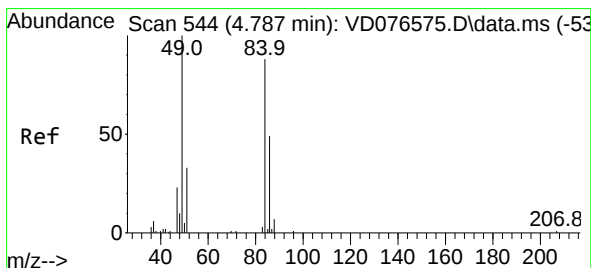
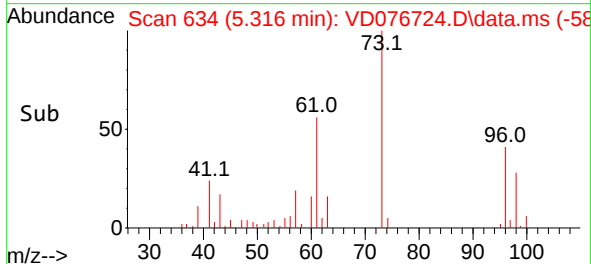
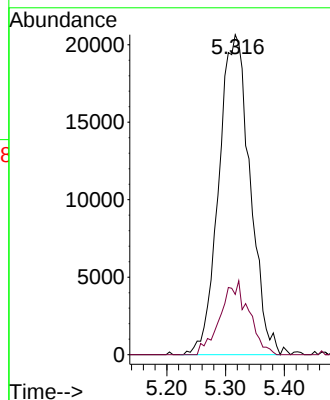
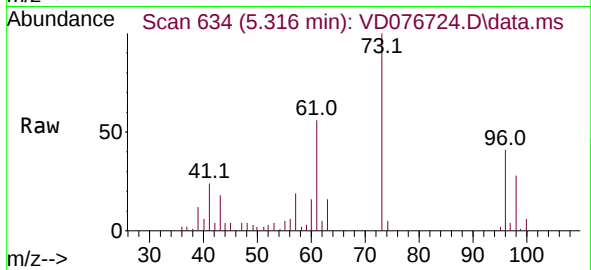
#19
Methyl tert-butyl Ether
Concen: 20.983 ug/l
RT: 5.316 min Scan# 612
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 73 Resp: 76128
Ion Ratio Lower Upper
73 100
57 18.8 16.6 25.0

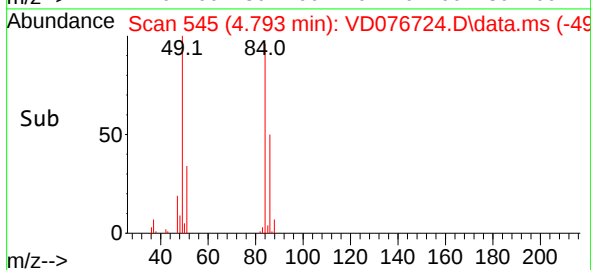
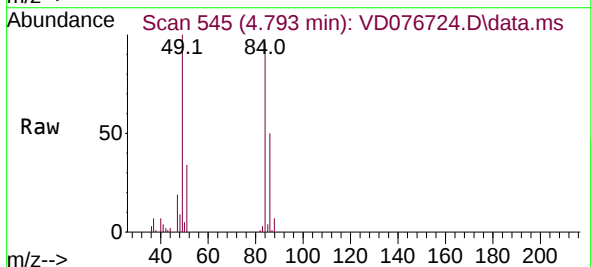
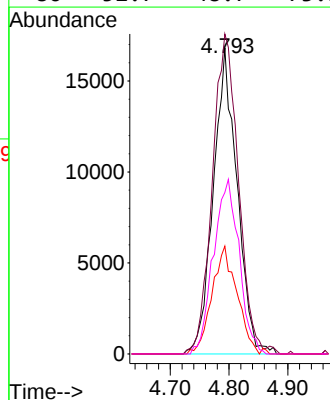
Manual Integrations
APPROVED

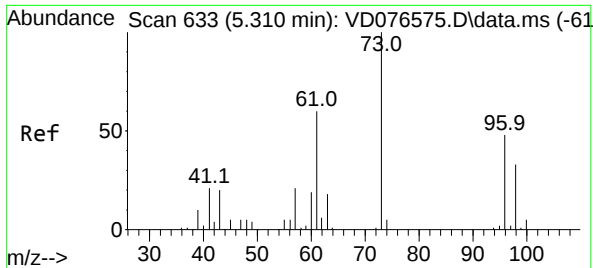
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#20
Methylene Chloride
Concen: 19.752 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 84 Resp: 47363
Ion Ratio Lower Upper
84 100
49 104.6 71.4 107.2
51 35.3 24.5 36.7
86 52.7 48.7 73.1





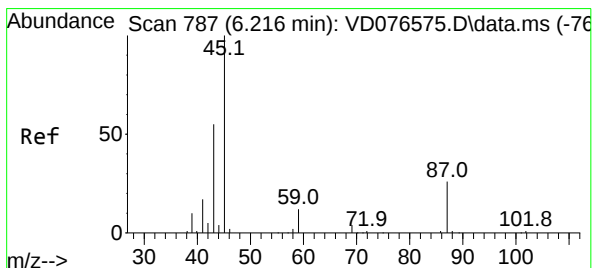
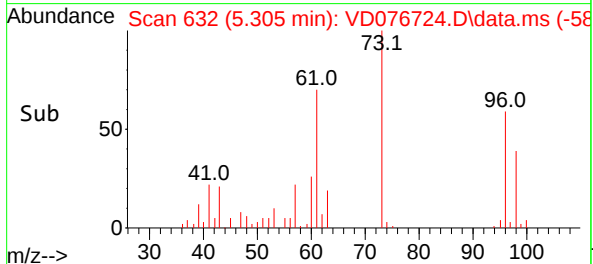
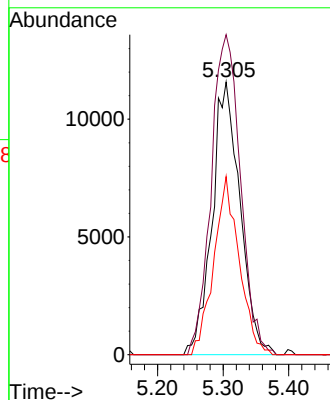
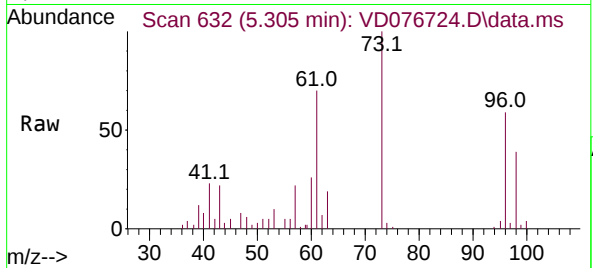
#21
trans-1,2-Dichloroethene
Concen: 22.335 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 96 Resp: 34240
Ion Ratio Lower Upper
96 100
61 117.4 89.3 133.9
98 65.3 48.6 73.0

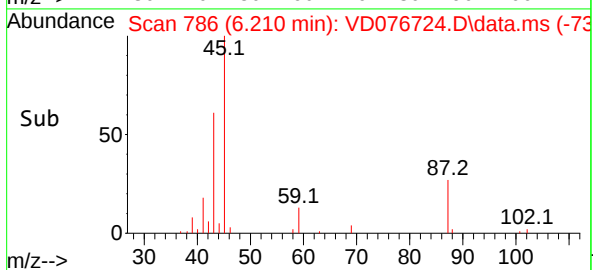
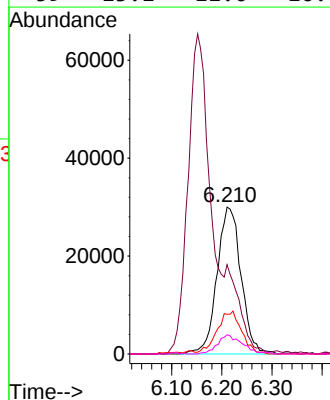
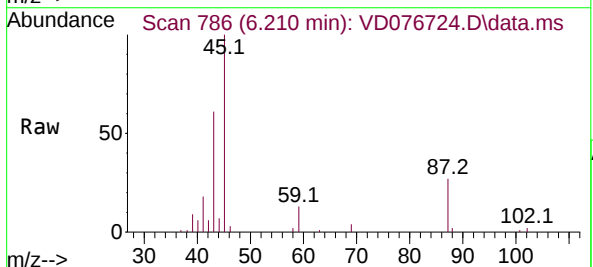
Manual Integrations
APPROVED

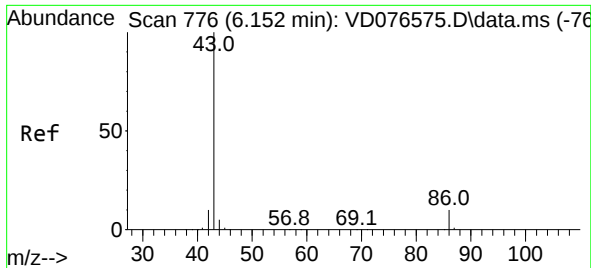
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#22
Diisopropyl ether
Concen: 19.042 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 45 Resp: 99873
Ion Ratio Lower Upper
45 100
43 59.4 40.0 60.0
87 27.1 28.2 42.4#
59 13.1 11.0 16.4





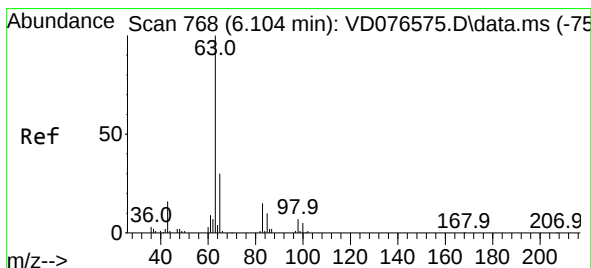
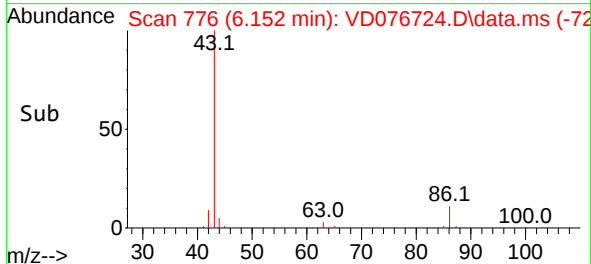
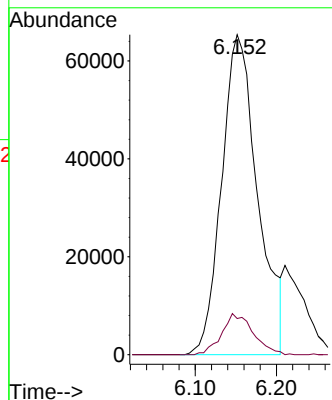
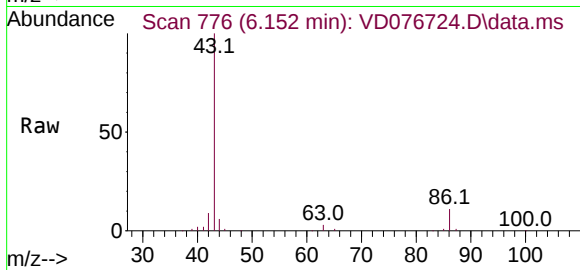
#23
 Vinyl Acetate
 Concen: 77.665 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Tgt Ion: 43 Resp: 20191
 Ion Ratio Lower Upper
 43 100
 86 11.3 12.5 18.7

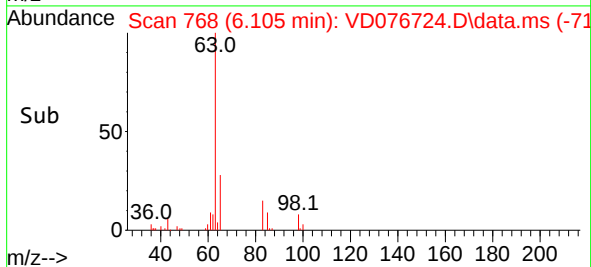
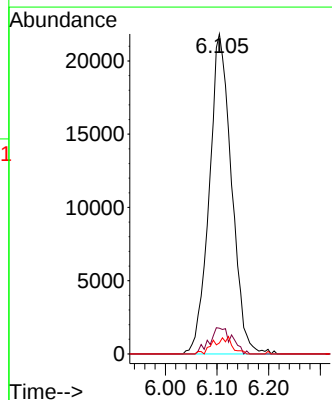
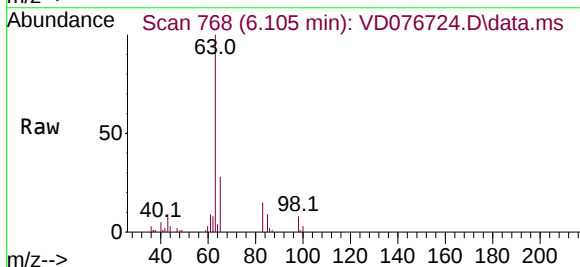
Manual Integrations
 APPROVED

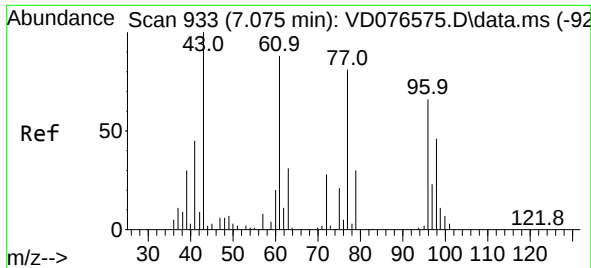
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#24
 1,1-Dichloroethane
 Concen: 22.365 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

Tgt Ion: 63 Resp: 65503
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 3.4 2.5 7.5





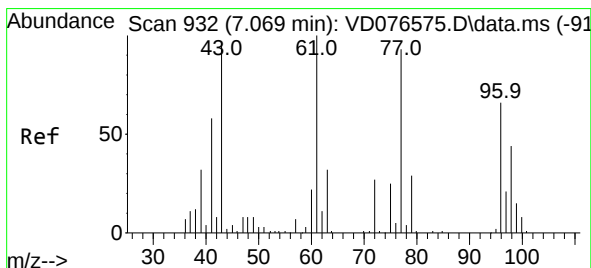
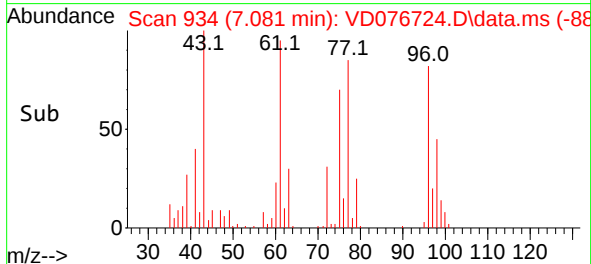
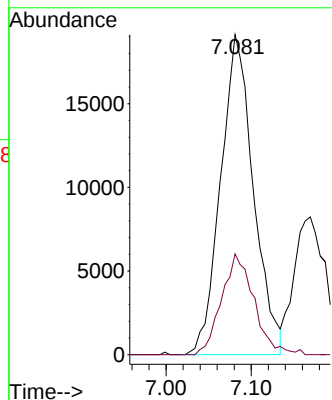
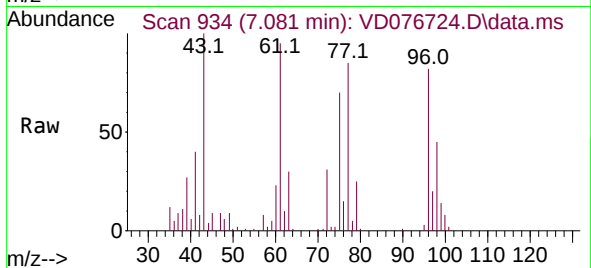
#25
2-Butanone
Concen: 95.756 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1

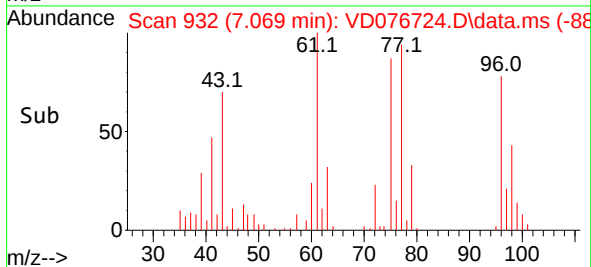
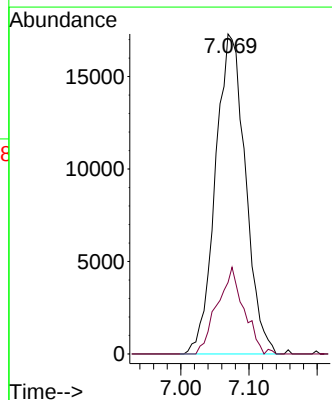
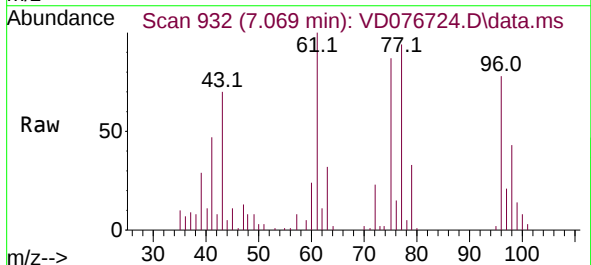
Manual Integrations
APPROVED

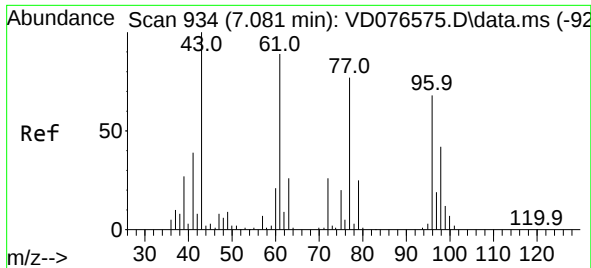
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#26
2,2-Dichloropropane
Concen: 20.968 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

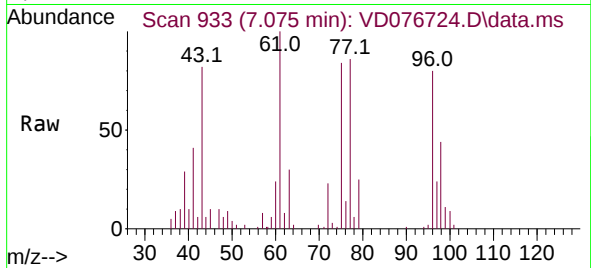
Tgt Ion: 77 Resp: 52948
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 22.109 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

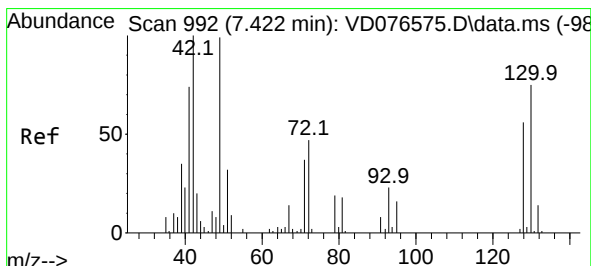
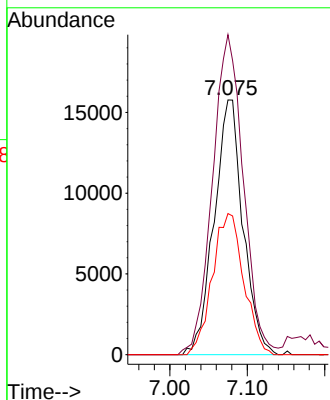
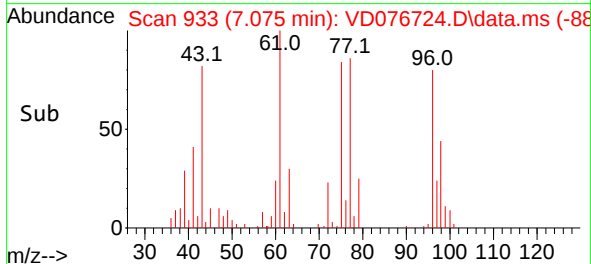
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01



Tgt Ion: 96 Resp: 41019
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 239.2
 98 60.1 0.0 128.6

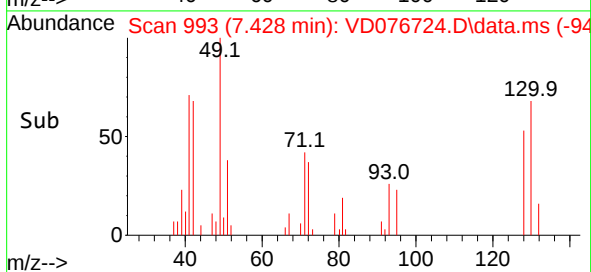
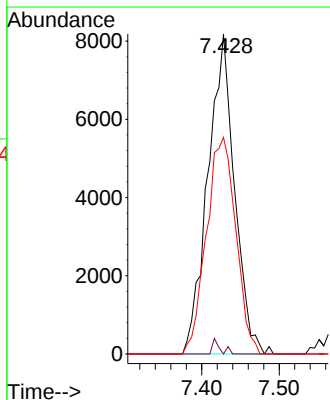
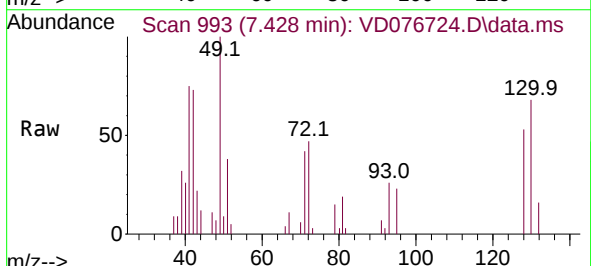
Manual Integrations
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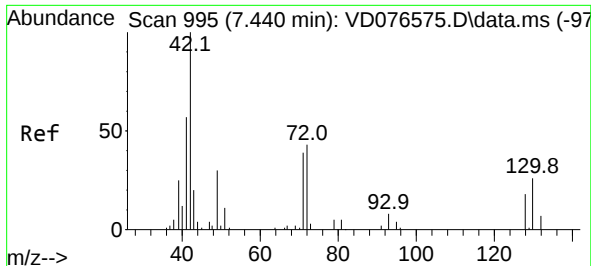
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#28
 Bromochloromethane
 Concen: 22.082 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

Tgt Ion: 49 Resp: 19592
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 74.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 86.261 ug/l

RT: 7.446 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 42 Resp: 2963

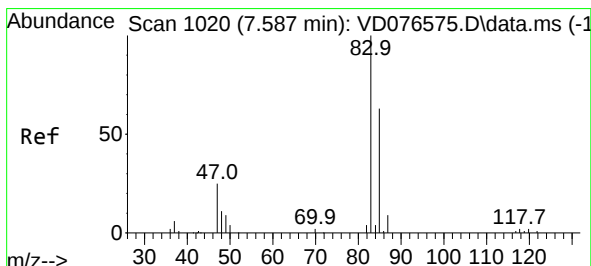
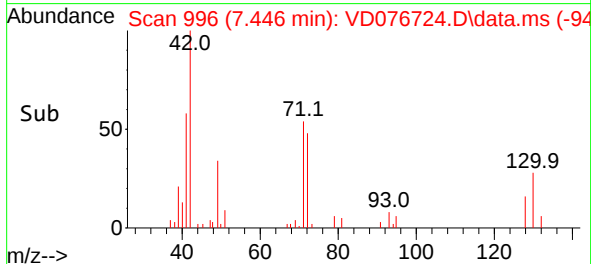
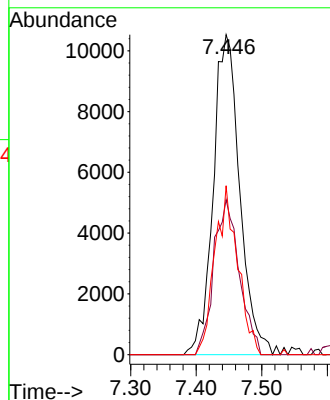
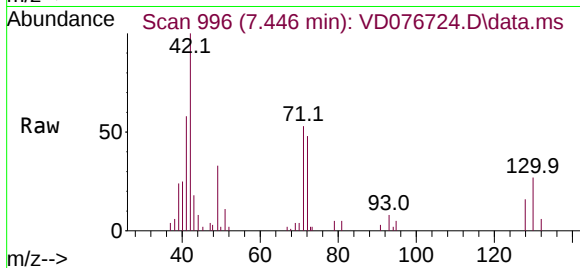
Ion	Ratio	Lower	Upper
42	100		
72	46.6	46.5	69.7
71	45.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#30

Chloroform

Concen: 22.878 ug/l

RT: 7.593 min Scan# 1021

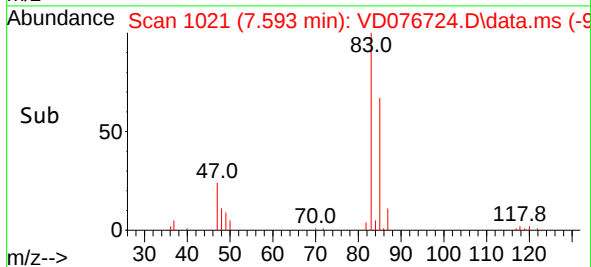
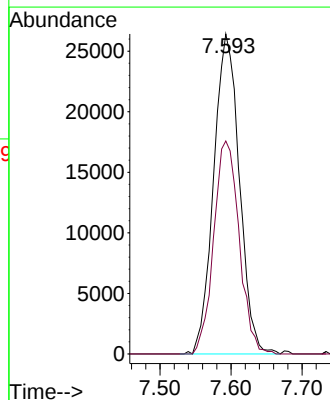
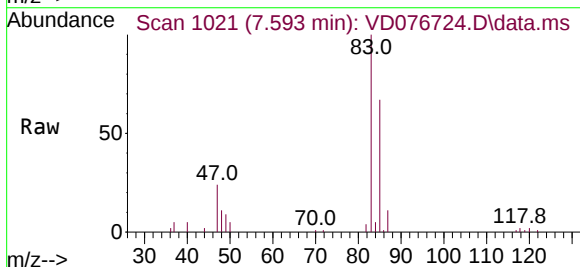
Delta R.T. -0.000 min

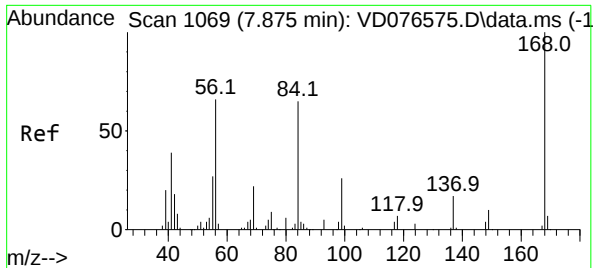
Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Tgt Ion: 83 Resp: 66346

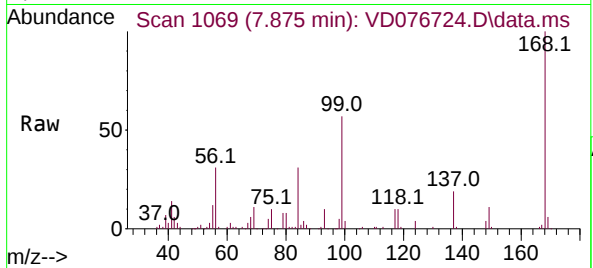
Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.4	80.2





#31
Cyclohexane
Concen: 21.610 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

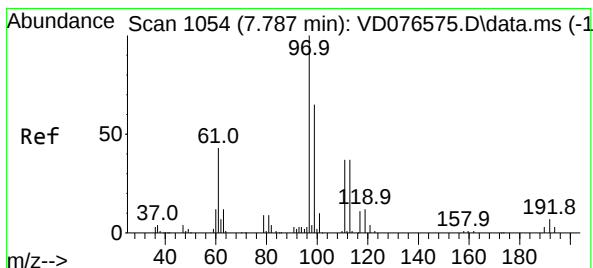
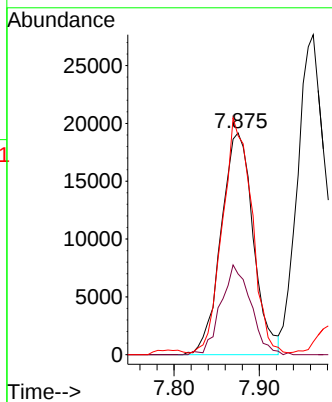
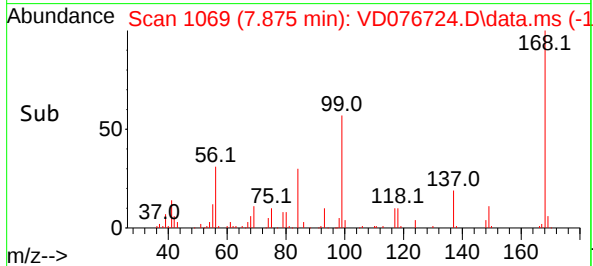
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 56 Resp: 50380
Ion Ratio Lower Upper
56 100
69 36.4 28.6 43.0
84 96.7 84.8 127.2

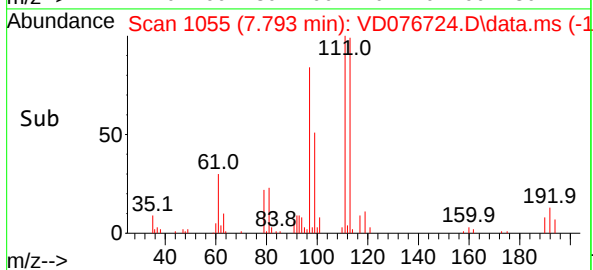
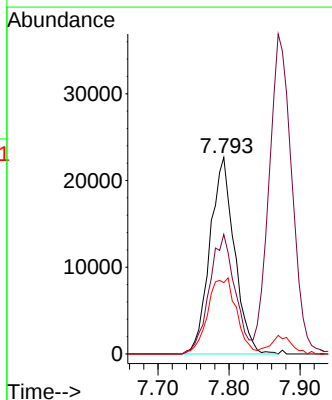
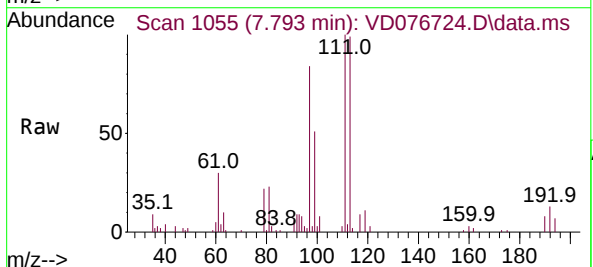
Manual Integrations
APPROVED

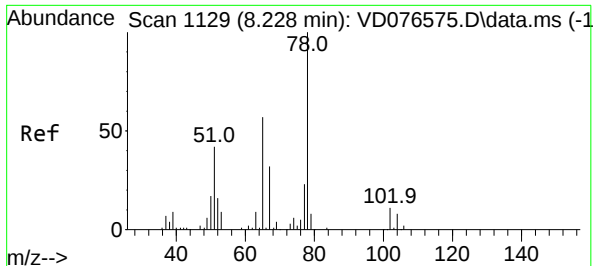
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#32
1,1,1-Trichloroethane
Concen: 23.179 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 97 Resp: 54338
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 45.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.669 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 65 Resp: 7794

Ion Ratio Lower Upper

65 100

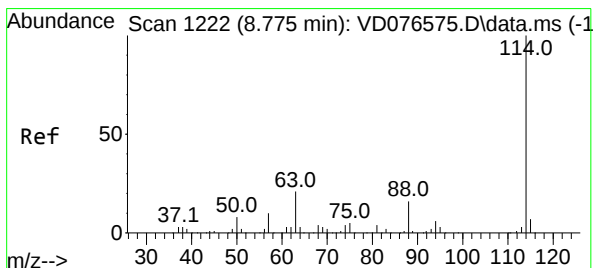
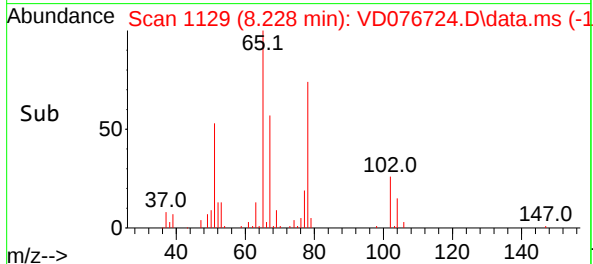
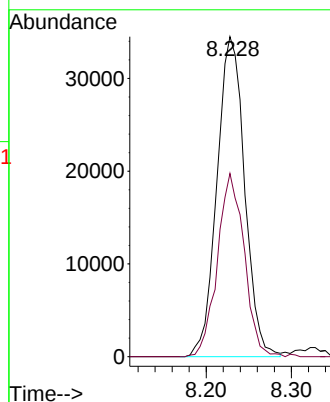
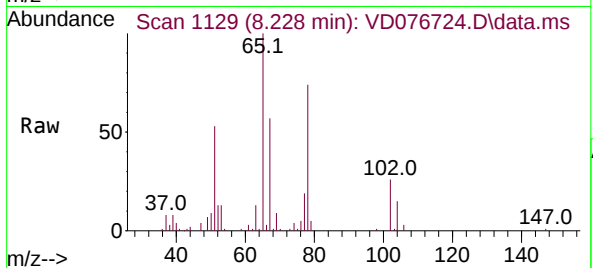
67 55.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

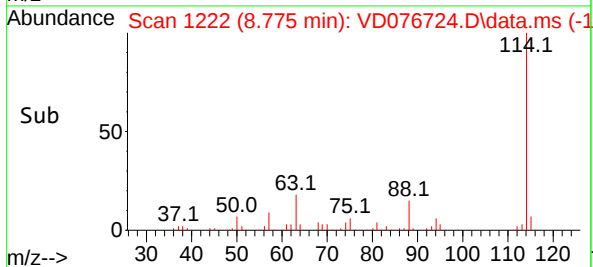
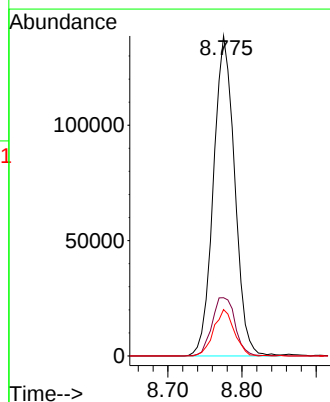
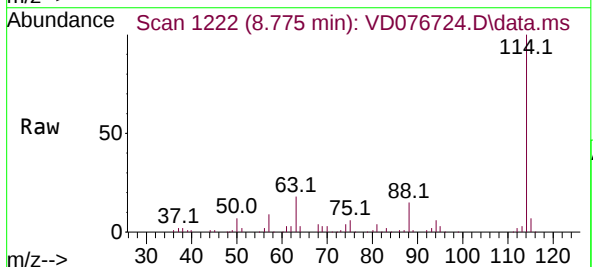
Tgt Ion:114 Resp: 276198

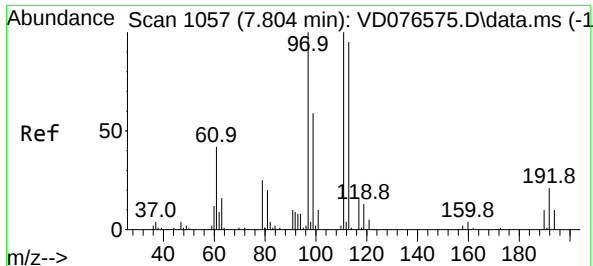
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 14.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.432 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 113 Resp: 84389

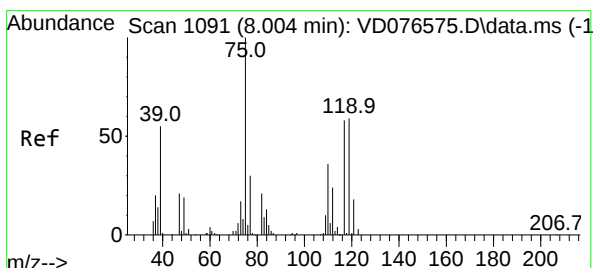
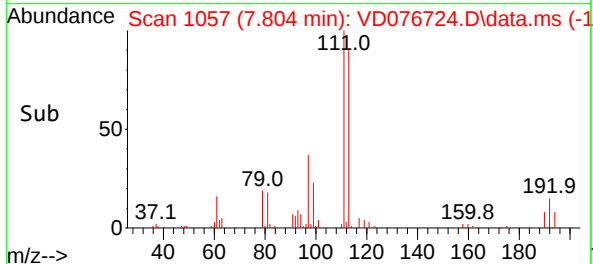
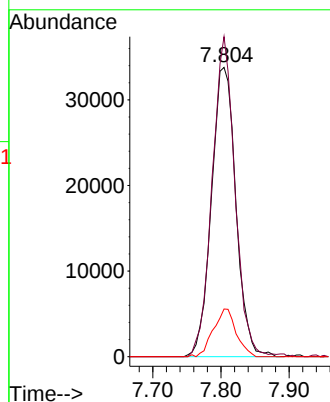
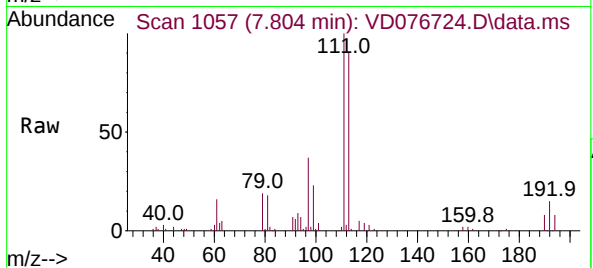
Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.7	127.1
192	15.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/13/2023

Supervised By : Mahesh Dadoda 07/13/2023



#36

1,1-Dichloropropene

Concen: 21.301 ug/l

RT: 8.004 min Scan# 1091

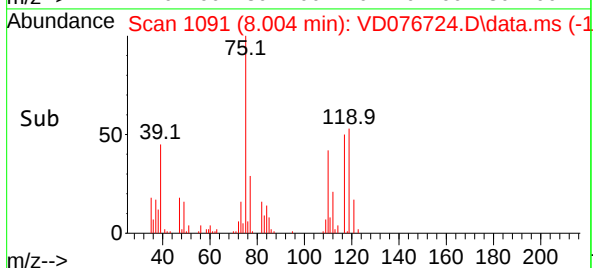
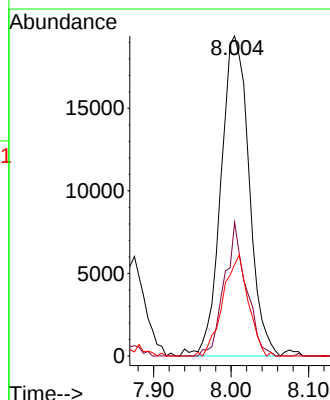
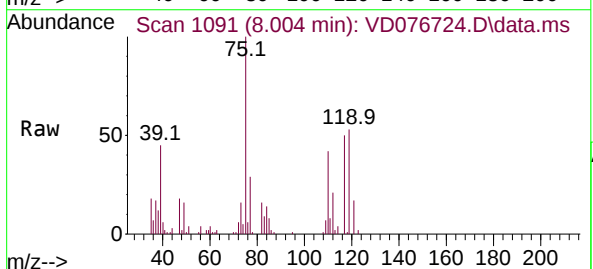
Delta R.T. -0.000 min

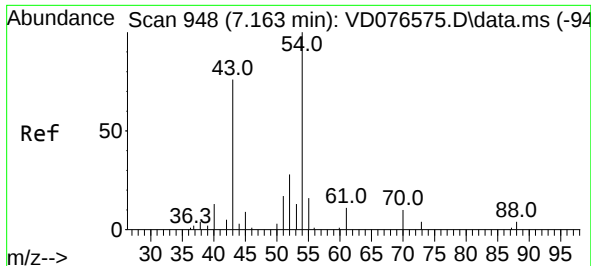
Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Tgt Ion: 75 Resp: 48944

Ion	Ratio	Lower	Upper
75	100		
110	32.5	19.9	59.6
77	28.5	24.7	37.1





#37

Ethyl Acetate

Concen: 17.171 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 43 Resp: 2286

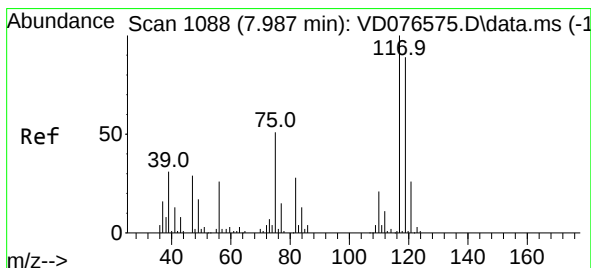
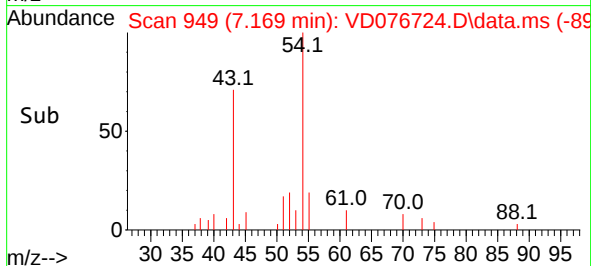
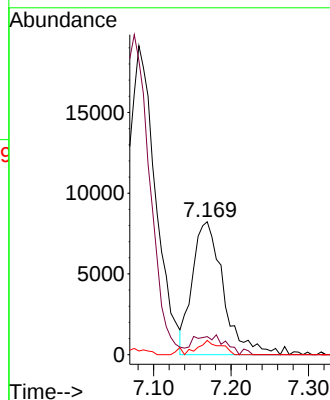
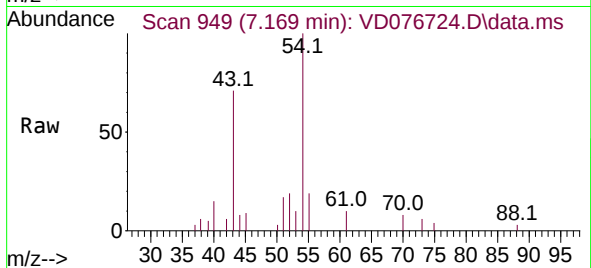
Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.9	22.3
70	7.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#38

Carbon Tetrachloride

Concen: 19.876 ug/l

RT: 7.993 min Scan# 1089

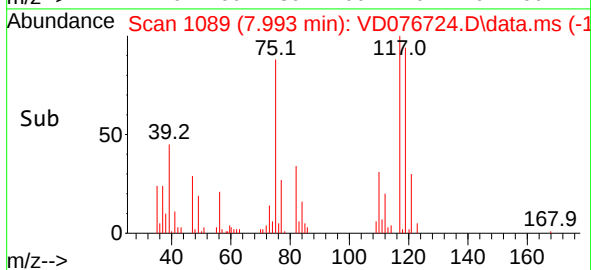
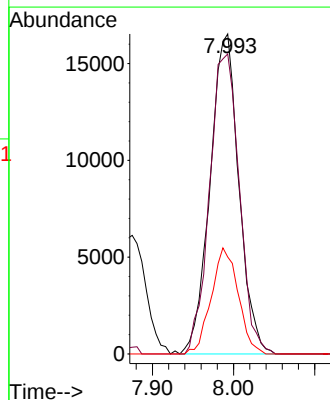
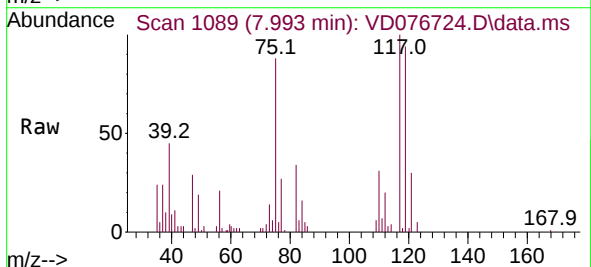
Delta R.T. 0.006 min

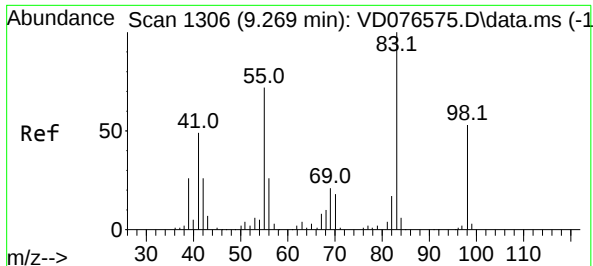
Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Tgt Ion:117 Resp: 40820

Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.0	117.0
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 19.603 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

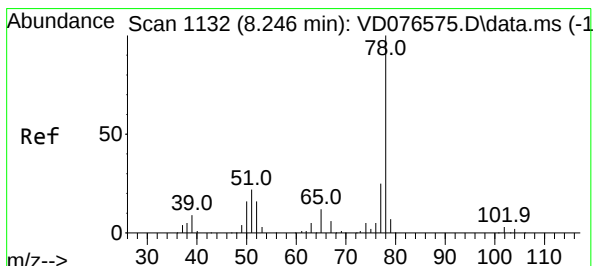
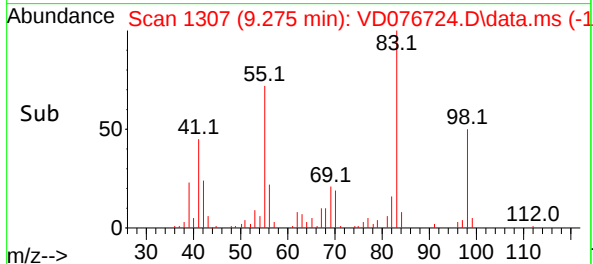
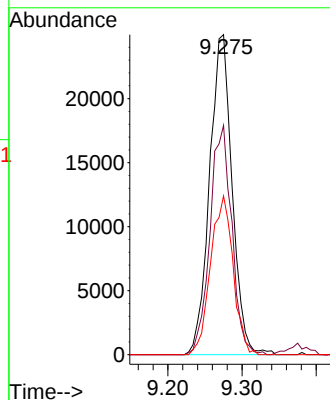
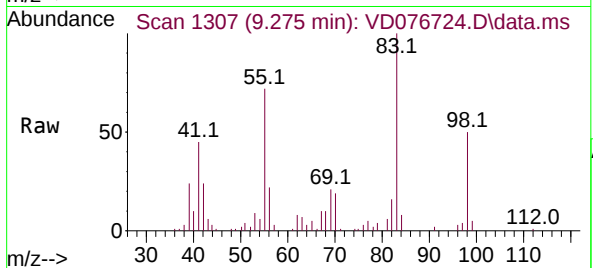
Tgt Ion: 83	Resp: 5285
Ion Ratio	Lower Upper
83	100
55	71.7 49.4 74.0
98	49.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#40

Benzene

Concen: 20.321 ug/l

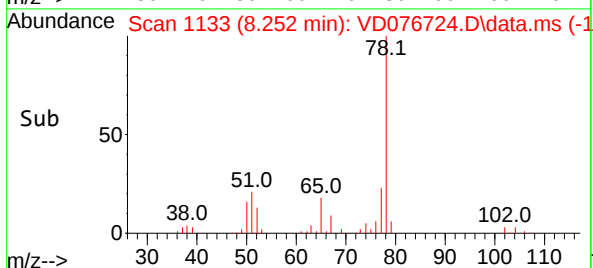
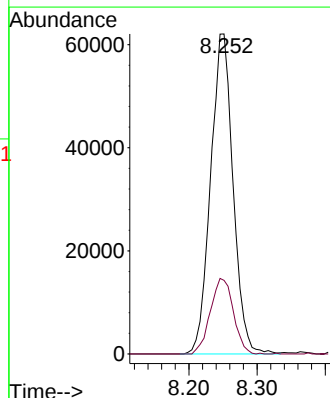
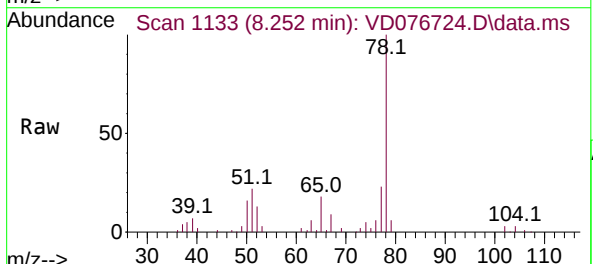
RT: 8.252 min Scan# 1133

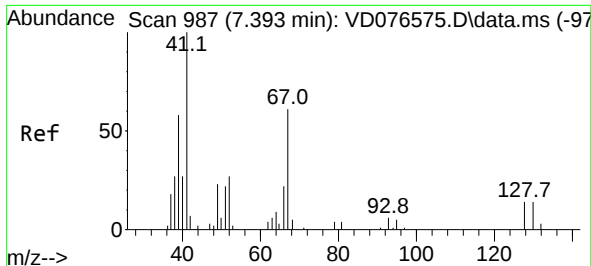
Delta R.T. 0.006 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Tgt Ion: 78	Resp: 142387
Ion Ratio	Lower Upper
78	100
77	23.0 19.4 29.0





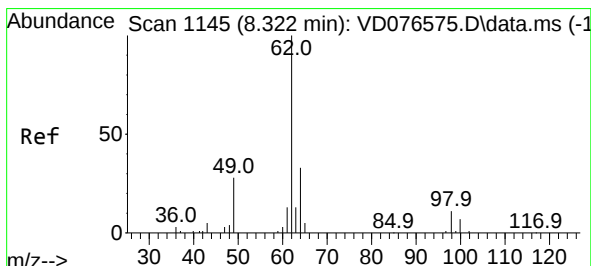
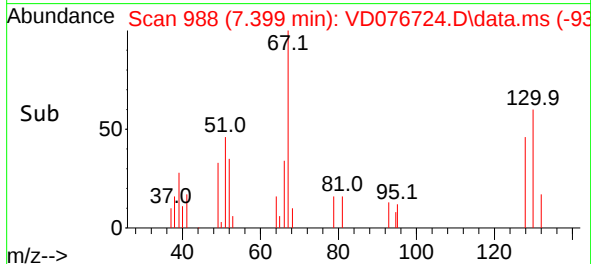
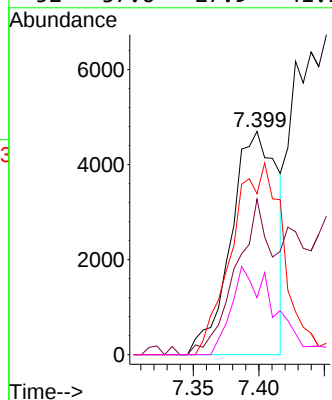
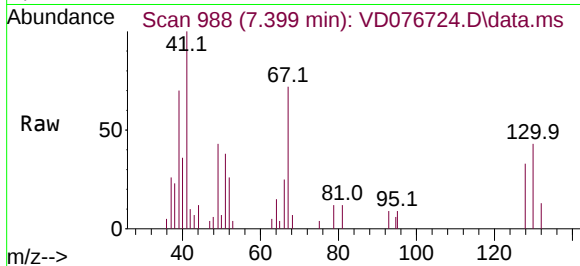
#41
Methacrylonitrile
Concen: 15.281 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 41 Resp: 11489
Ion Ratio Lower Upper
41 100
39 50.9 34.0 51.0
67 52.2 77.0 115.4
52 37.6 27.9 41.9

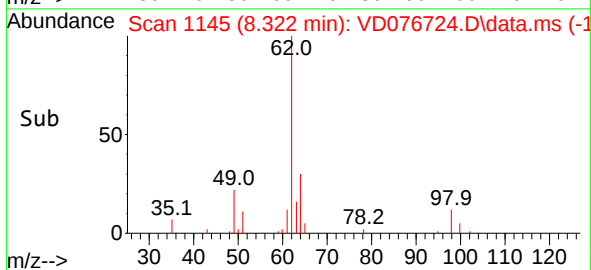
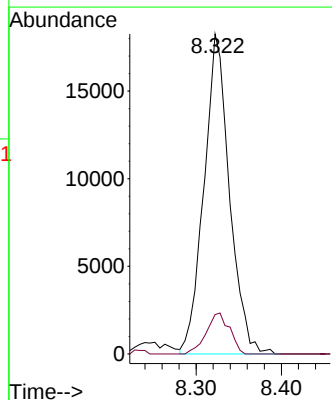
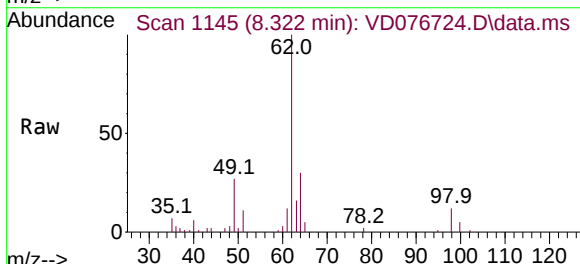
Manual Integrations
APPROVED

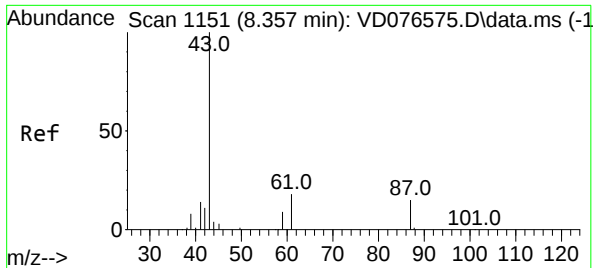
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#42
1,2-Dichloroethane
Concen: 20.070 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

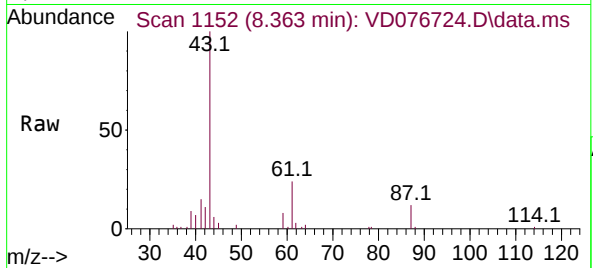
Tgt Ion: 62 Resp: 37999
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 17.073 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

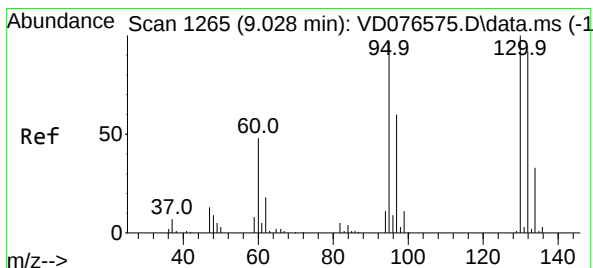
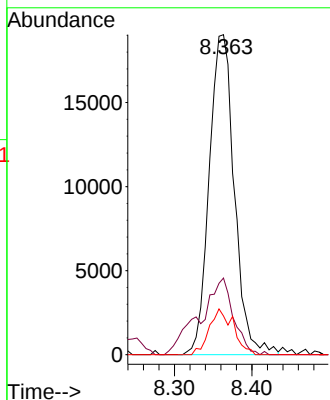
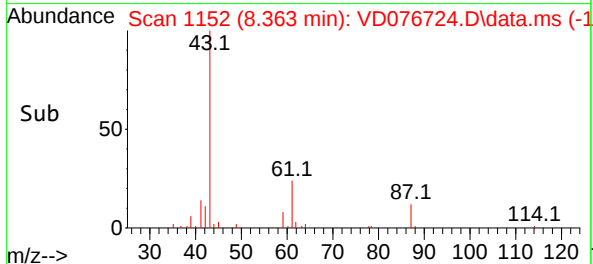
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 43 Resp: 4303
Ion Ratio Lower Upper
43 100
61 32.2 31.4 47.0
87 13.8 14.9 22.3

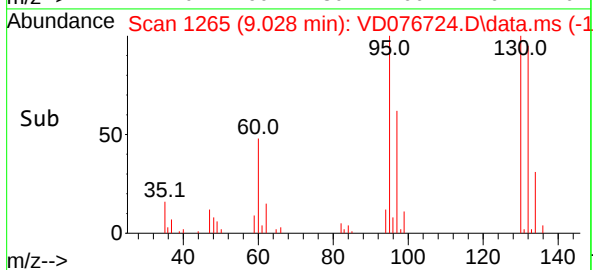
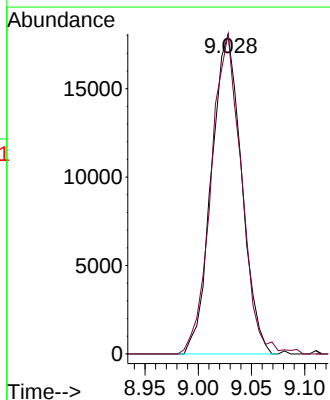
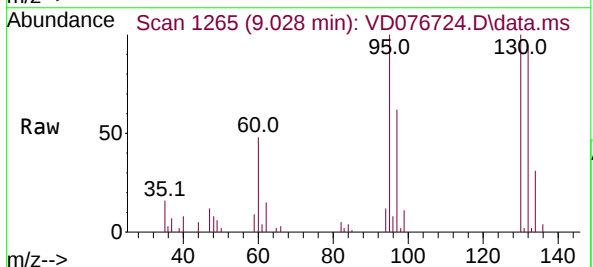
Manual Integrations
APPROVED

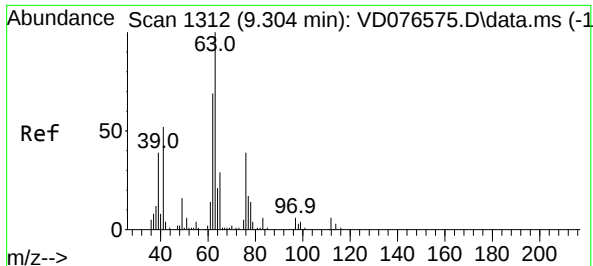
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#44
Trichloroethene
Concen: 18.792 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:130 Resp: 35520
Ion Ratio Lower Upper
130 100
95 100.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.575 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 63 Resp: 39089

Ion Ratio Lower Upper

63 100

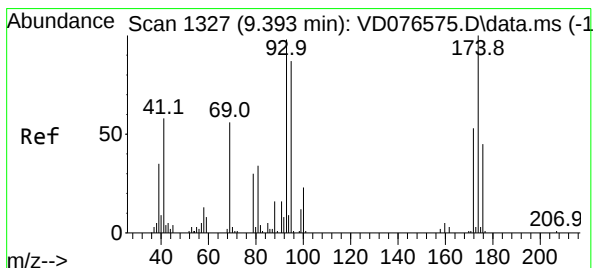
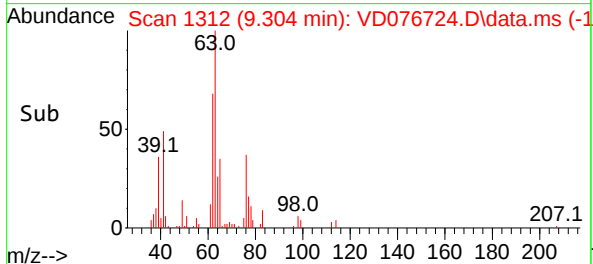
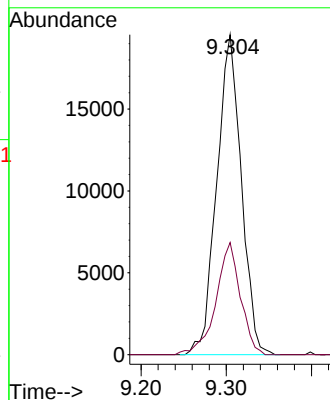
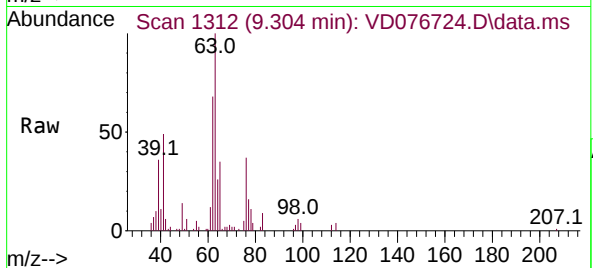
65 35.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#46

Dibromomethane

Concen: 20.195 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

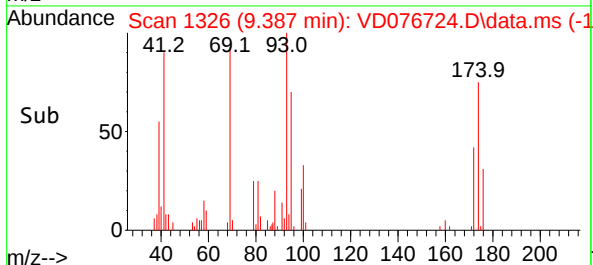
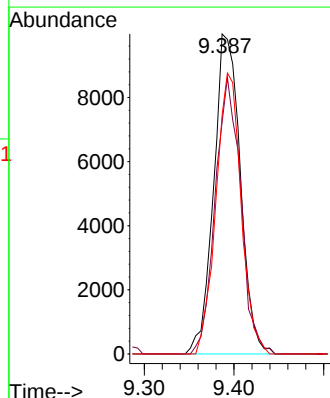
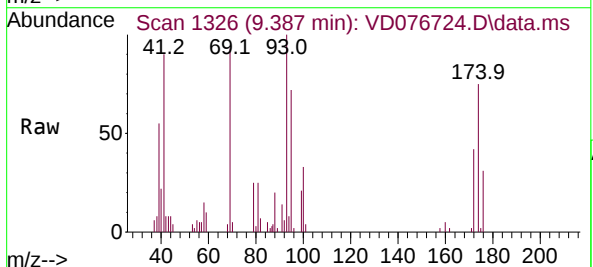
Tgt Ion: 93 Resp: 20553

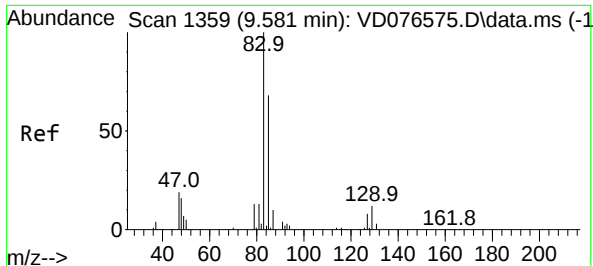
Ion Ratio Lower Upper

93 100

95 82.7 67.7 101.5

174 82.8 85.4 128.2#





#47

Bromodichloromethane

Concen: 21.953 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

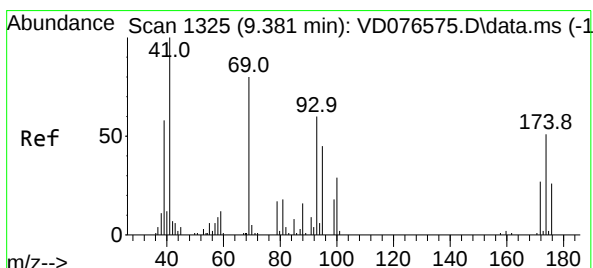
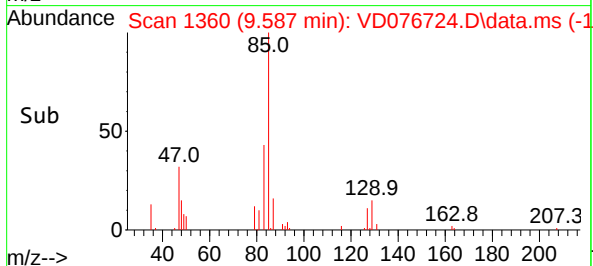
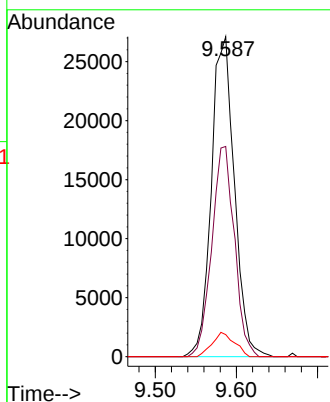
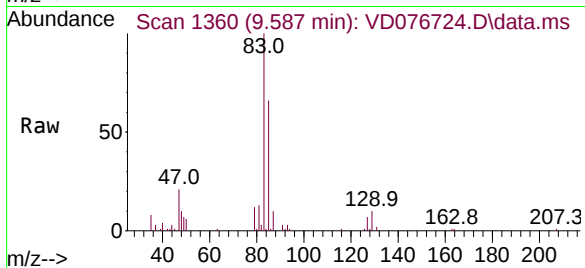
Tgt Ion:	83	Resp:	5346
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.2	75.4
127	6.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#48

Methyl methacrylate

Concen: 16.251 ug/l

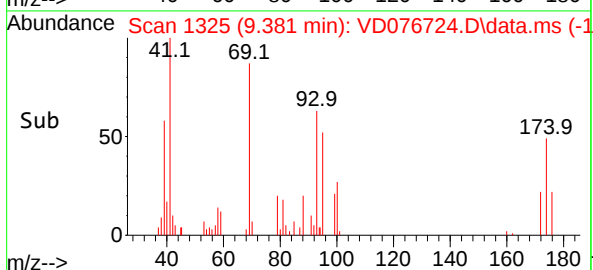
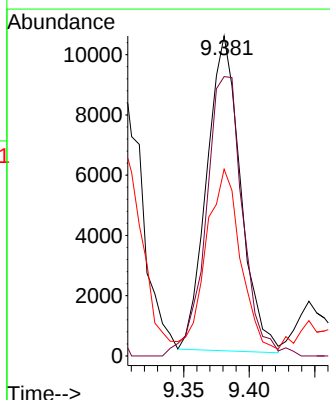
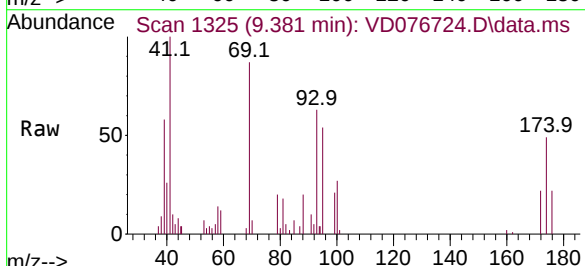
RT: 9.381 min Scan# 1325

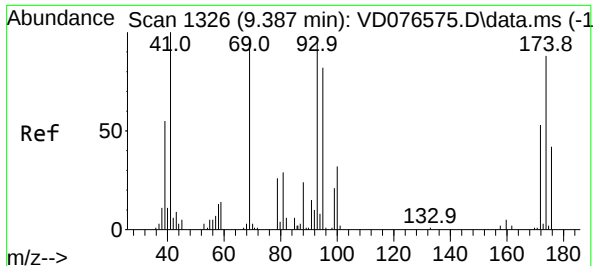
Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Tgt Ion:	41	Resp:	18775
Ion Ratio	Lower	Upper	
41	100		
69	96.2	102.2	153.2#
39	62.3	41.4	62.2#





#49

1,4-Dioxane

Concen: 360.095 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 88 Resp: 439

Ion Ratio Lower Upper

88 100

43 39.9 19.0 28.6

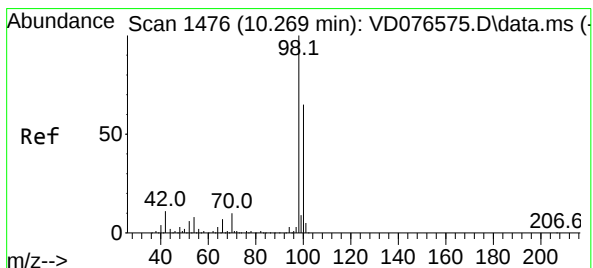
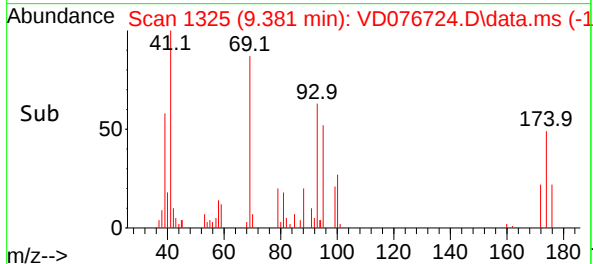
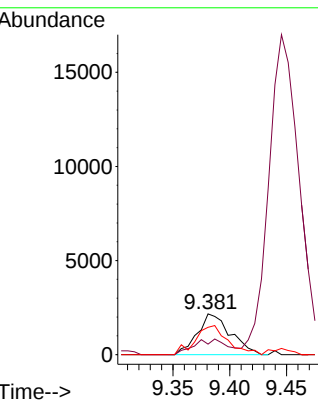
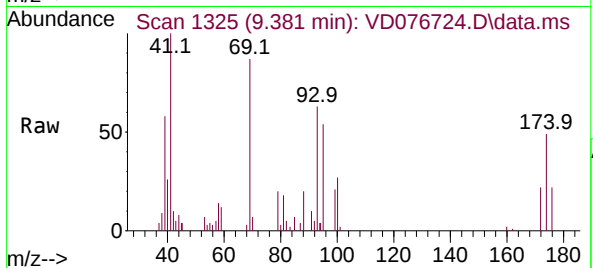
58 69.4 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#50

Toluene-d8

Concen: 48.923 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076724.D

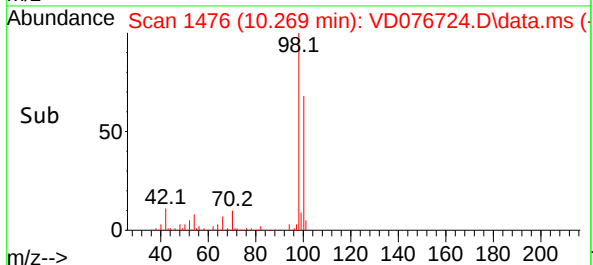
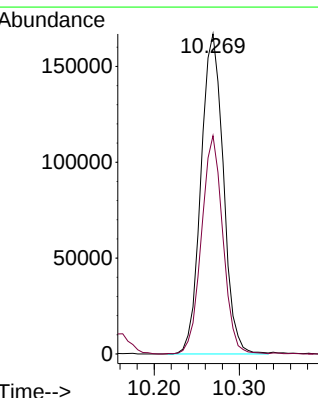
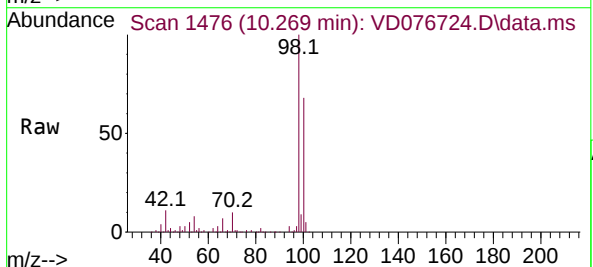
Acq: 12 Jul 2023 10:46

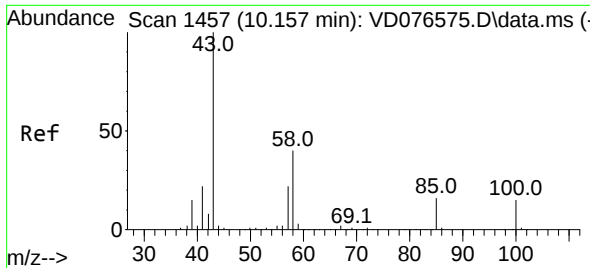
Tgt Ion: 98 Resp: 304430

Ion Ratio Lower Upper

98 100

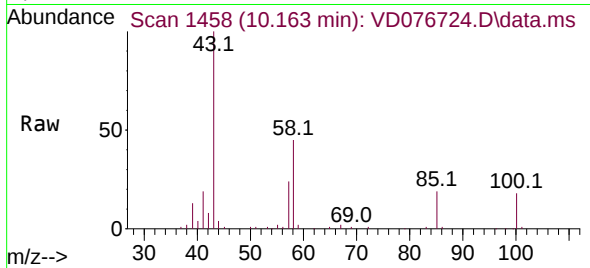
100 65.3 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 85.586 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

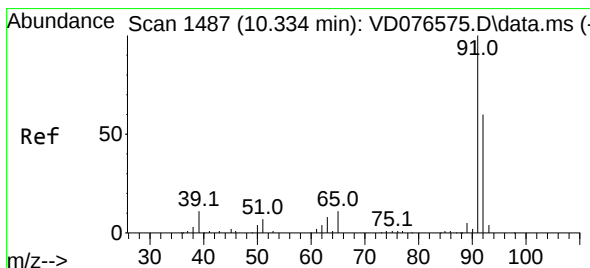
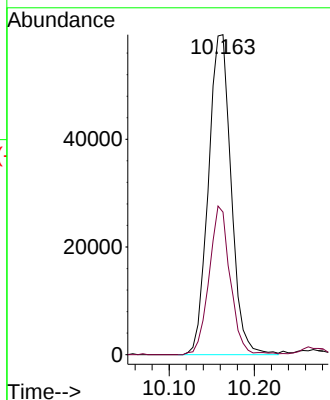
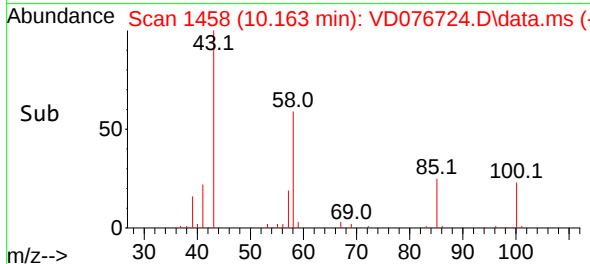
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 43 Resp: 110280
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3

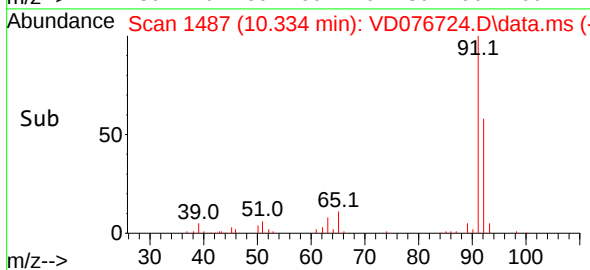
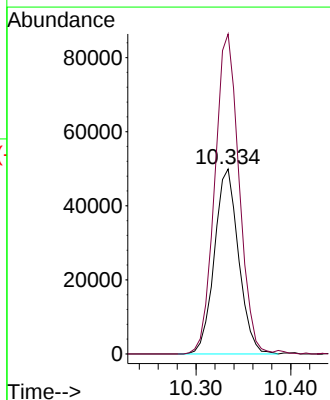
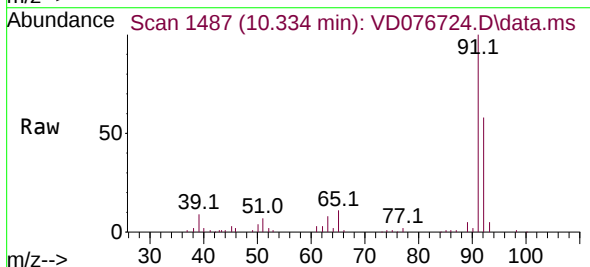
Manual Integrations
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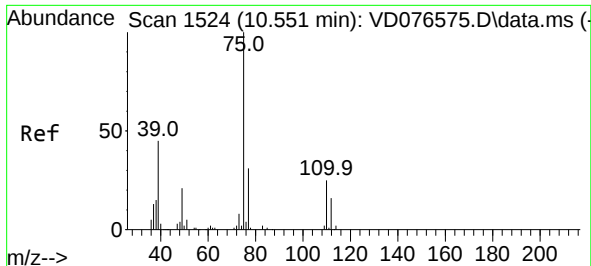
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#52
Toluene
Concen: 20.120 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 92 Resp: 88467
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4





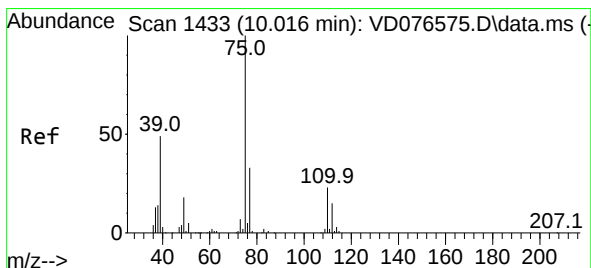
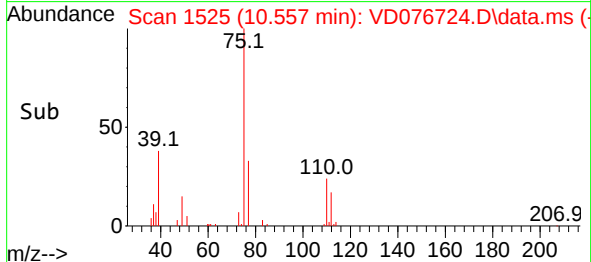
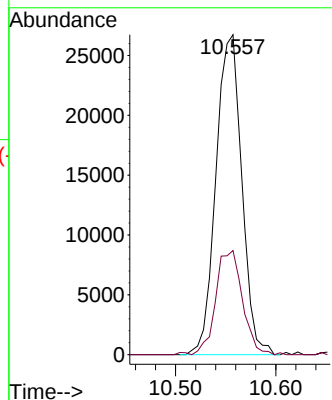
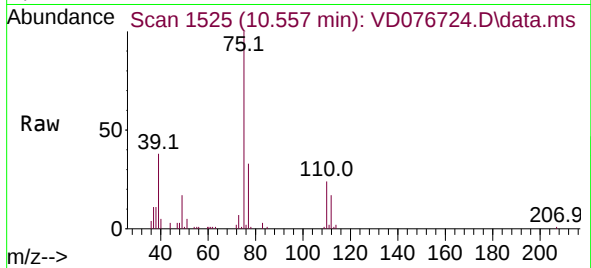
#53
t-1,3-Dichloropropene
Concen: 19.356 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 75 Resp: 4783
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

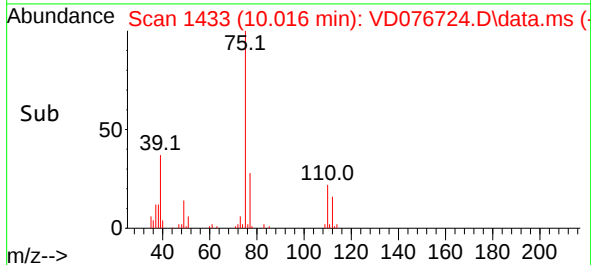
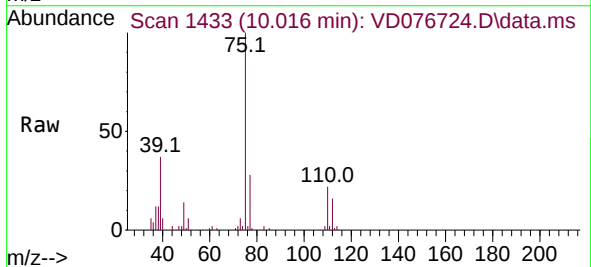
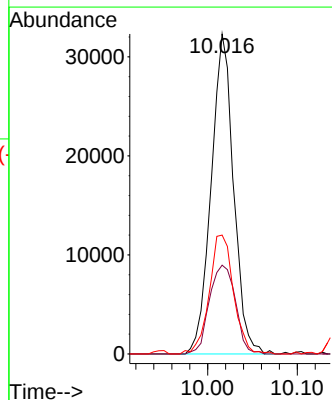
Manual Integrations
APPROVED

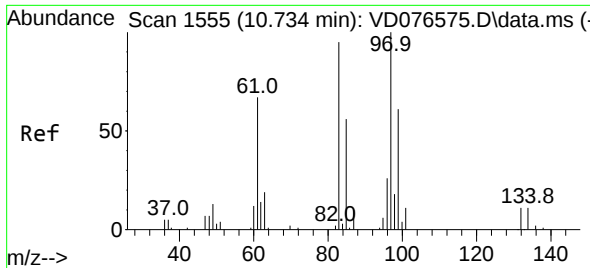
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#54
cis-1,3-Dichloropropene
Concen: 19.141 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

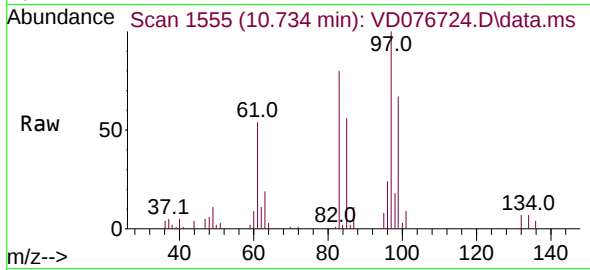
Tgt Ion: 75 Resp: 56085
Ion Ratio Lower Upper
75 100
77 27.8 25.5 38.3
39 37.1 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.798 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

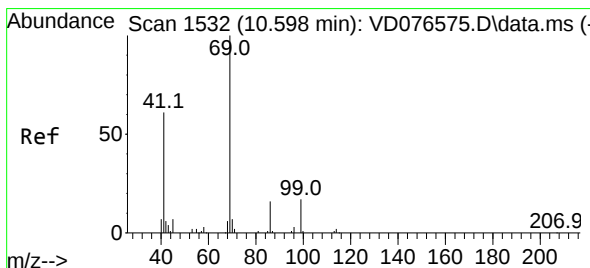
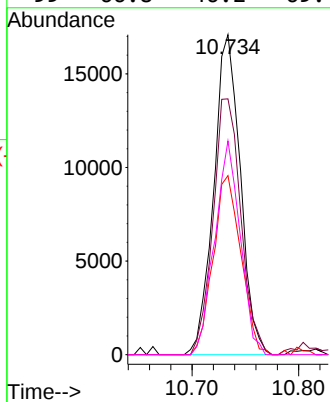
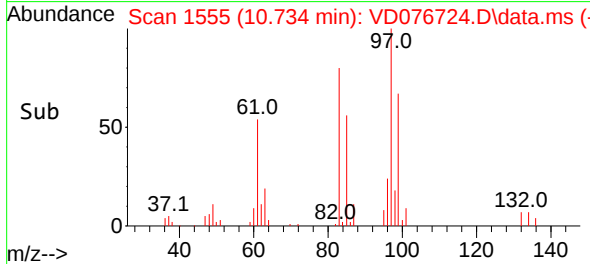
Instrument : MSVOA_D
ClientSampleId : VD0712SBS01



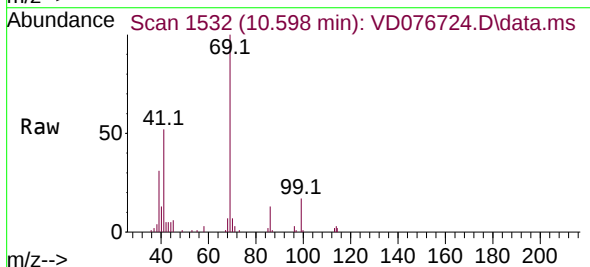
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.8	98.6
85	55.9	45.7	68.5
99	66.8	46.2	69.4

Manual Integrations
APPROVED

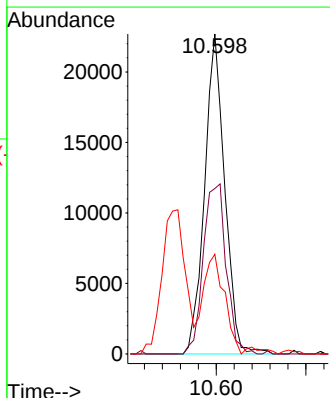
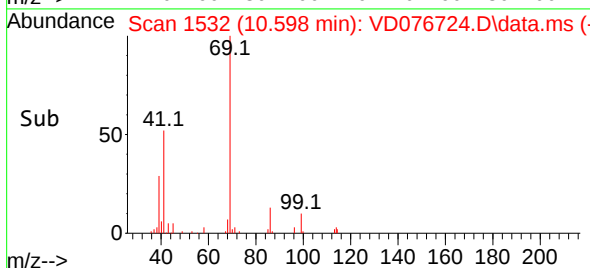
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

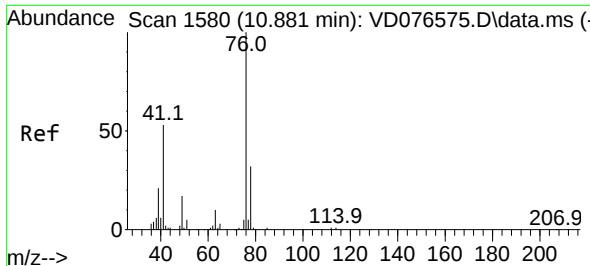


#56
Ethyl methacrylate
Concen: 19.032 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	39.1	58.7#
39	33.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076724.D

Acq: 12 Jul 2023 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 76 Resp: 50910

Ion Ratio Lower Upper

76 100

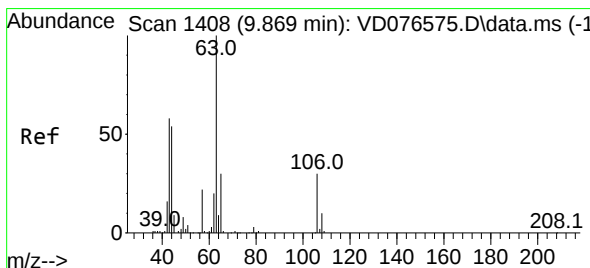
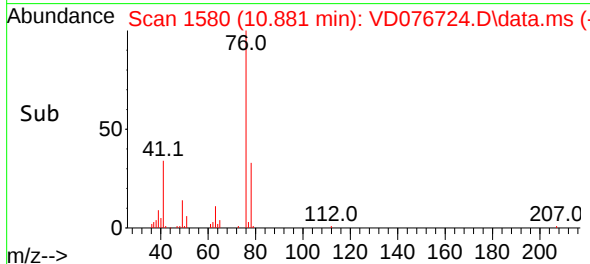
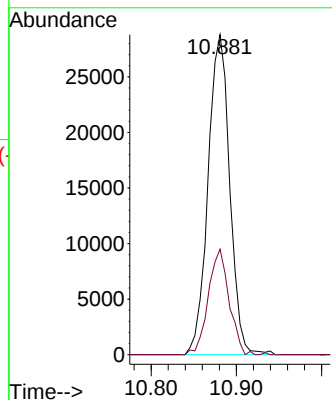
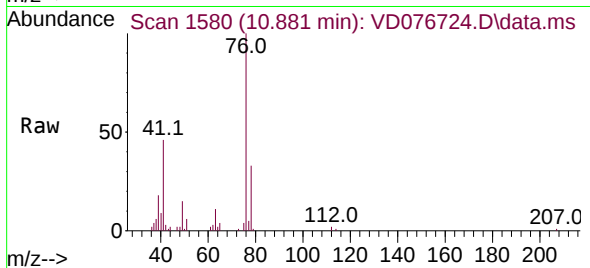
78 31.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2023

Supervised By :Mahesh Dadoda 07/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.331 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076724.D

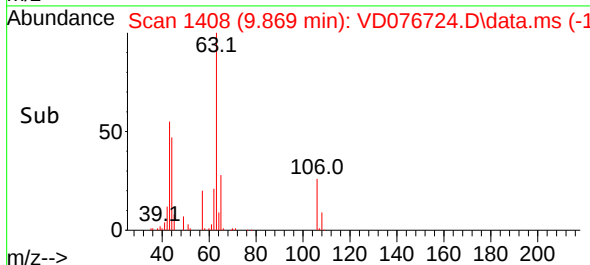
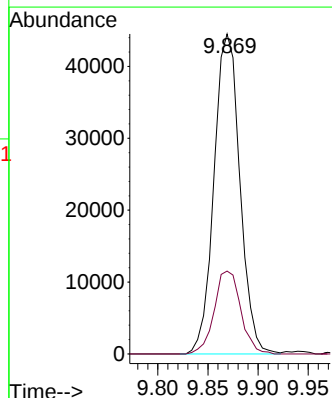
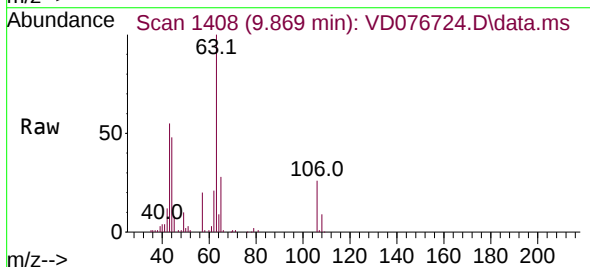
Acq: 12 Jul 2023 10:46

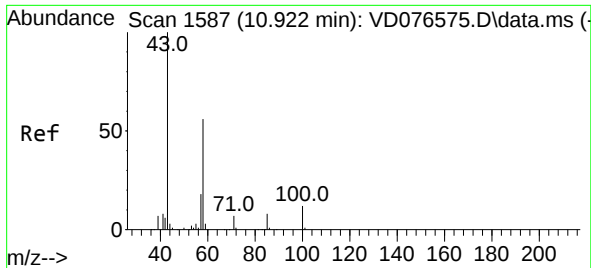
Tgt Ion: 63 Resp: 79855

Ion Ratio Lower Upper

63 100

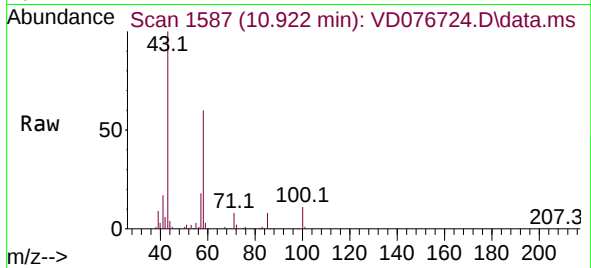
106 26.5 25.3 37.9





#59
2-Hexanone
Concen: 85.649 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

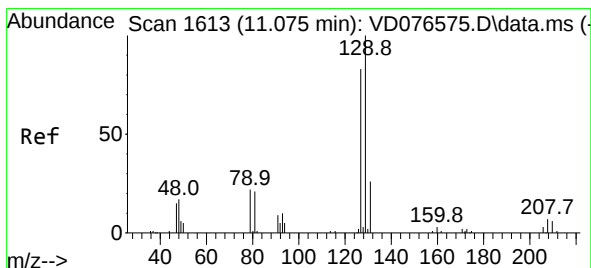
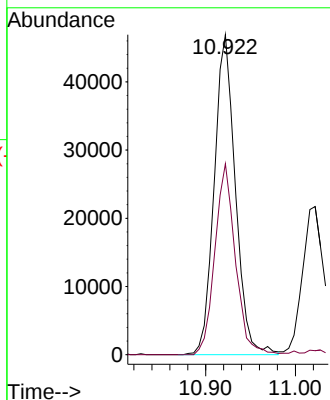
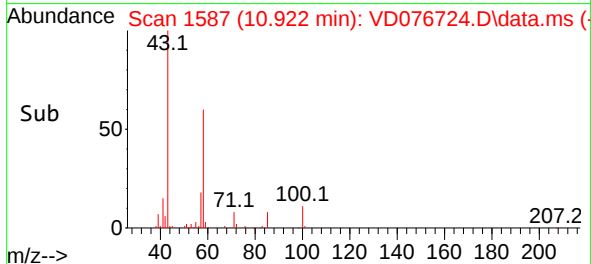
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 43 Resp: 76768
Ion Ratio Lower Upper
43 100
58 57.8 34.1 102.2

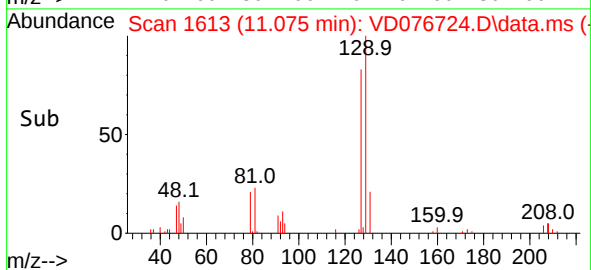
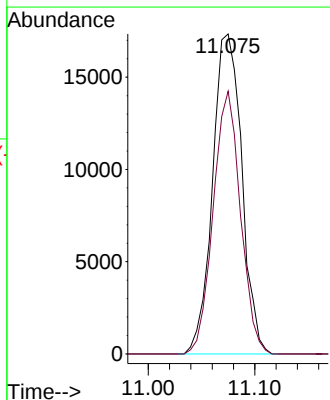
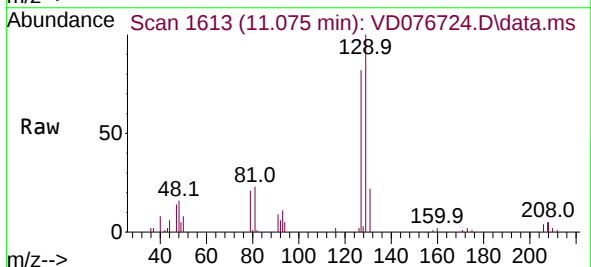
Manual Integrations
APPROVED

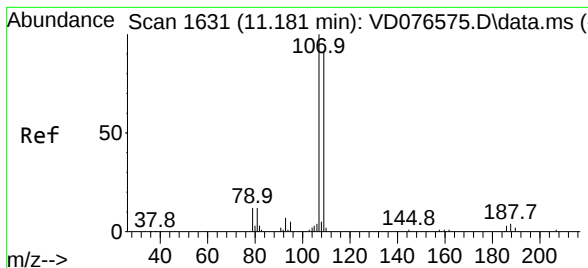
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#60
Dibromochloromethane
Concen: 19.920 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:129 Resp: 33002
Ion Ratio Lower Upper
129 100
127 76.6 37.1 111.5





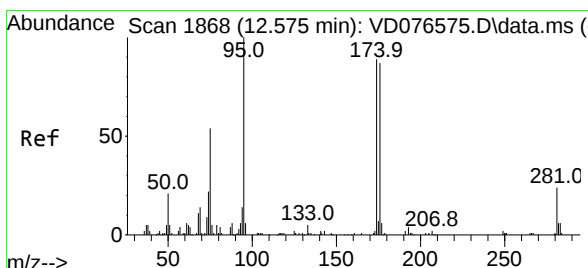
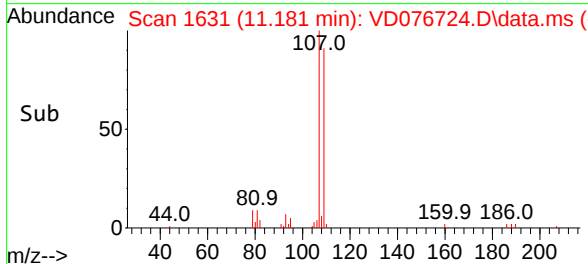
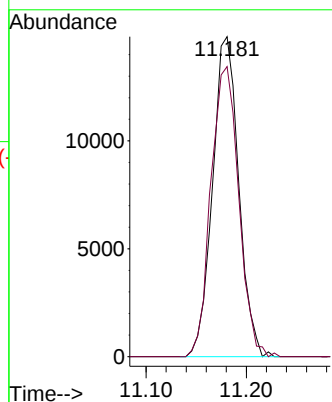
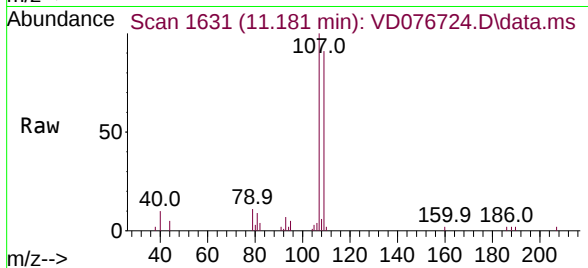
#61
1,2-Dibromoethane
Concen: 20.113 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:107 Resp: 26879
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4

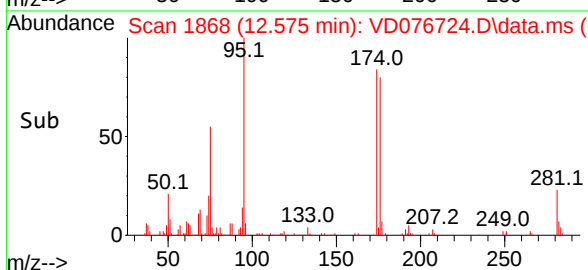
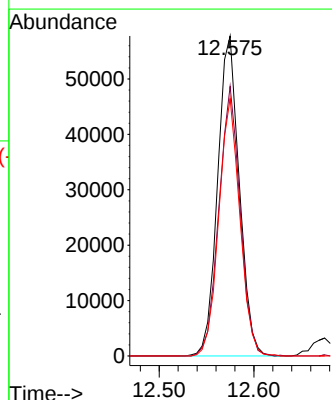
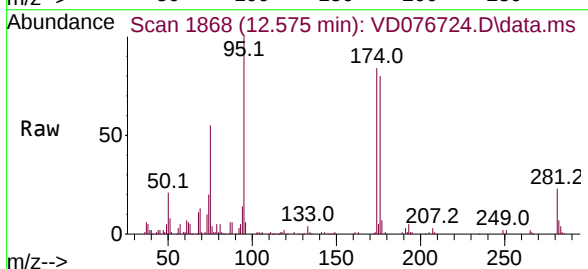
Manual Integrations
APPROVED

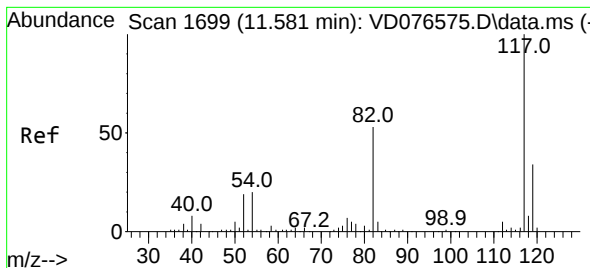
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#62
4-Bromofluorobenzene
Concen: 45.392 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

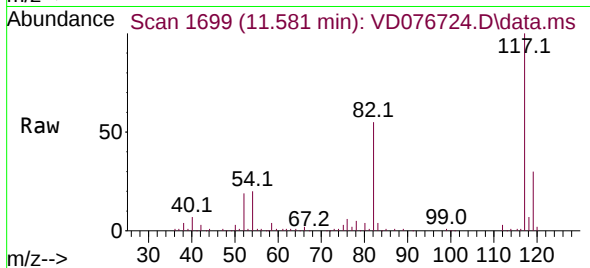
Tgt Ion: 95 Resp: 91671
Ion Ratio Lower Upper
95 100
174 82.5 0.0 201.8
176 78.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

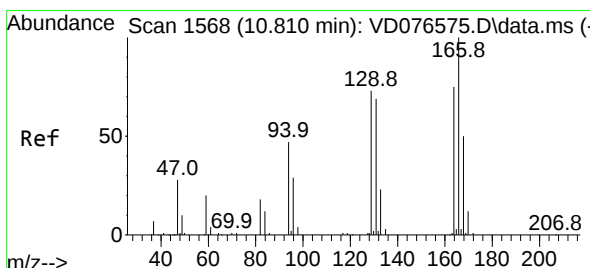
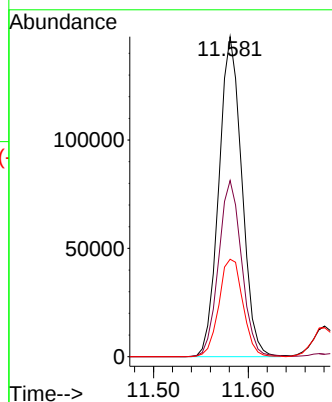
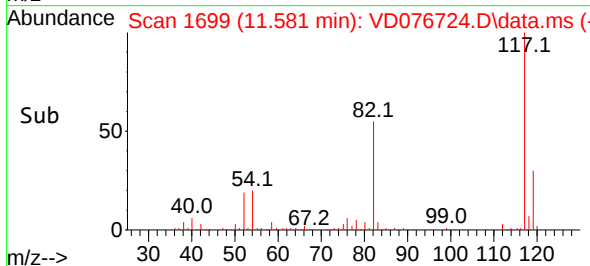
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



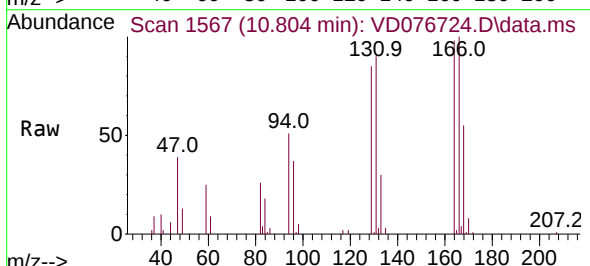
Tgt Ion:117 Resp: 249139
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 30.5 25.0 37.4

Manual Integrations
APPROVED

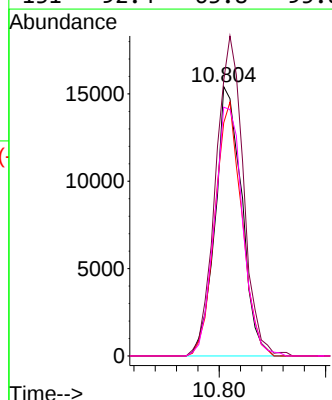
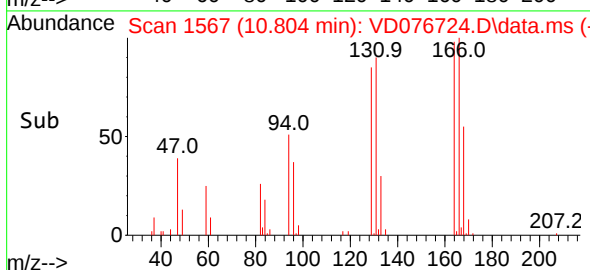
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

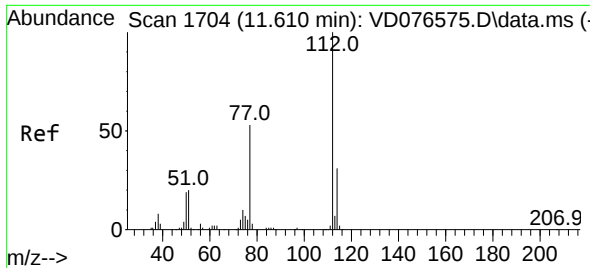


#64
Tetrachloroethene
Concen: 17.808 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46



Tgt Ion:164 Resp: 26632
Ion Ratio Lower Upper
164 100
166 102.3 99.2 148.8
129 86.6 68.4 102.6
131 92.4 63.8 95.8





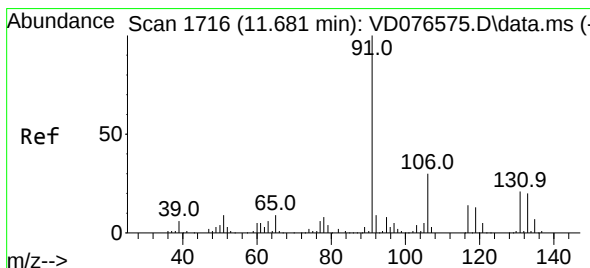
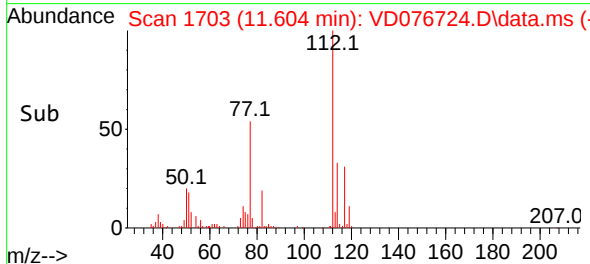
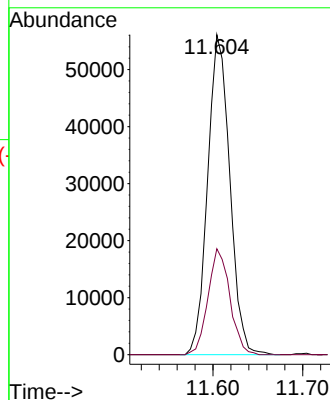
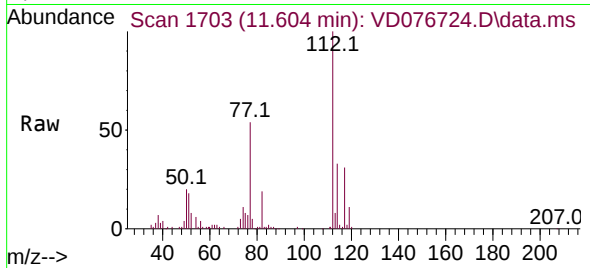
#65
Chlorobenzene
Concen: 20.325 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:112 Resp: 9620
Ion Ratio Lower Upper
112 100
114 33.1 25.1 37.7

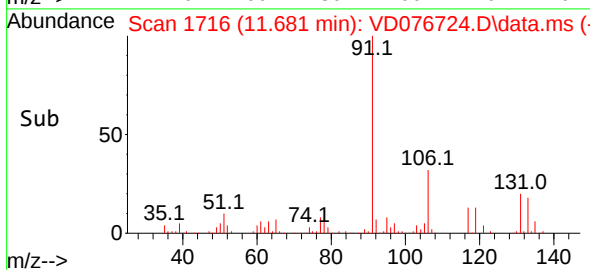
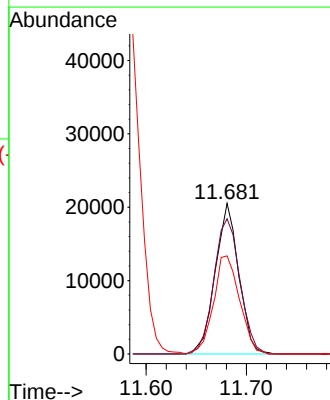
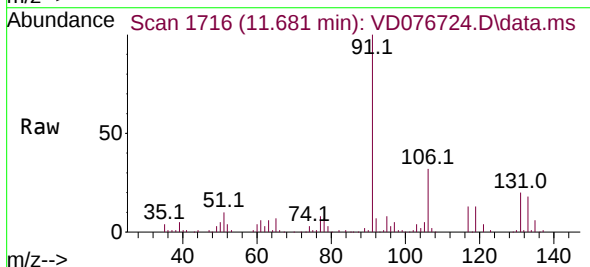
Manual Integrations
APPROVED

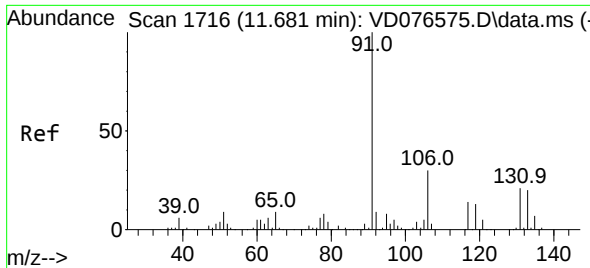
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.713 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:131 Resp: 33369
Ion Ratio Lower Upper
131 100
133 99.5 48.5 145.5
119 72.2 35.6 106.9





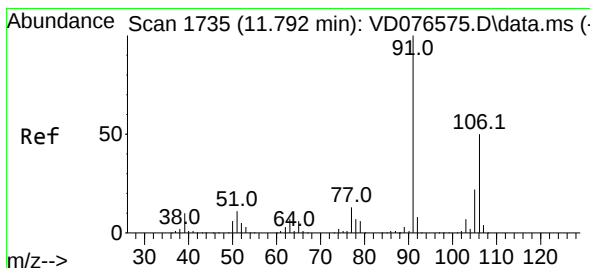
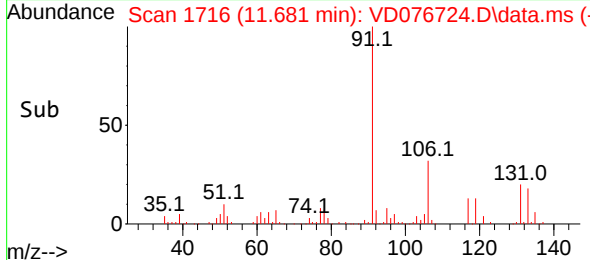
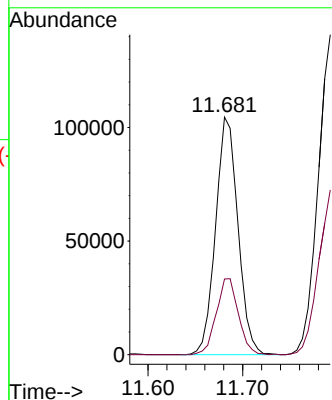
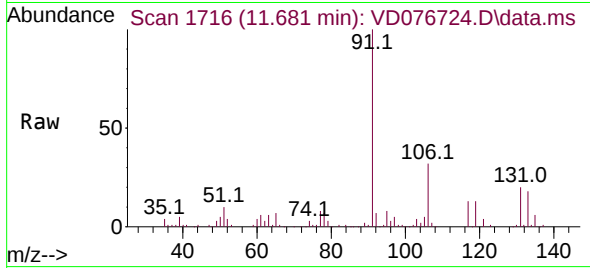
#67
Ethyl Benzene
Concen: 20.466 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 91 Resp: 17164
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7

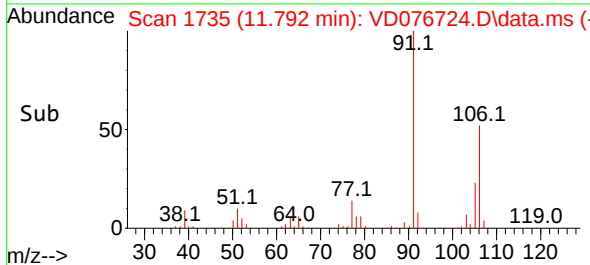
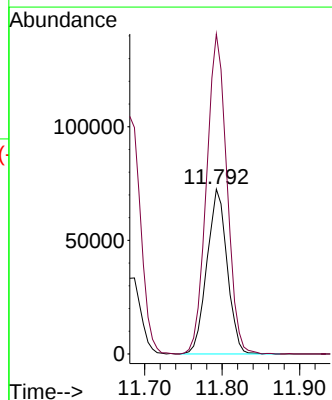
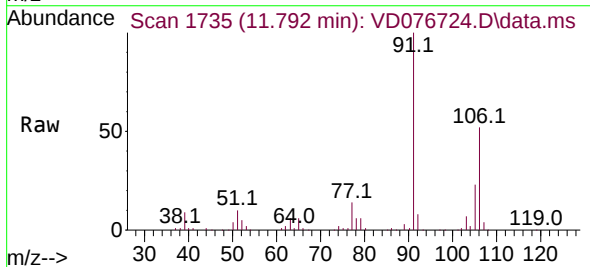
Manual Integrations
APPROVED

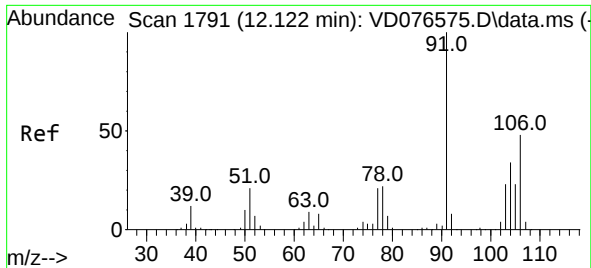
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#68
m/p-Xylenes
Concen: 40.138 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:106 Resp: 131404
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6





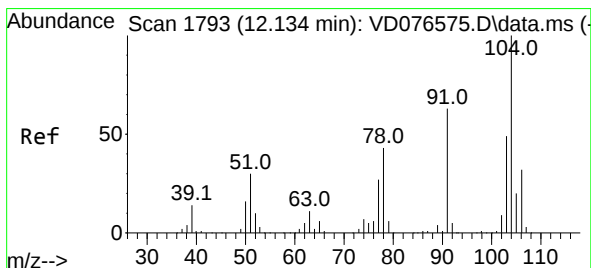
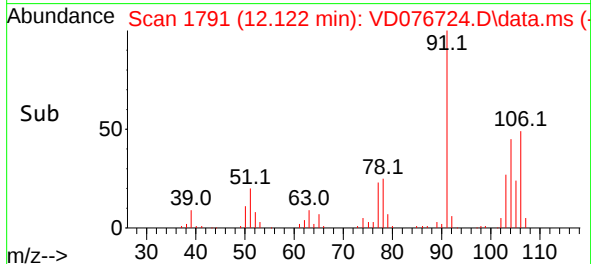
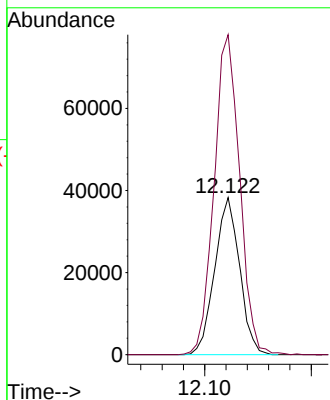
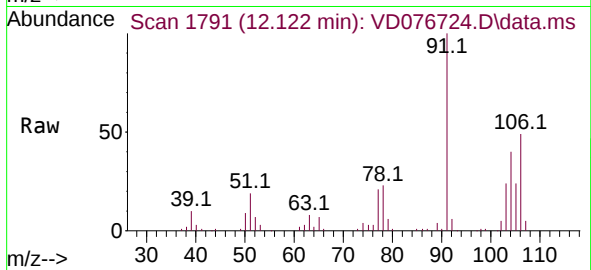
#69
o-Xylene
Concen: 19.871 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:106 Resp: 61927
Ion Ratio Lower Upper
106 100
91 209.6 97.9 293.6

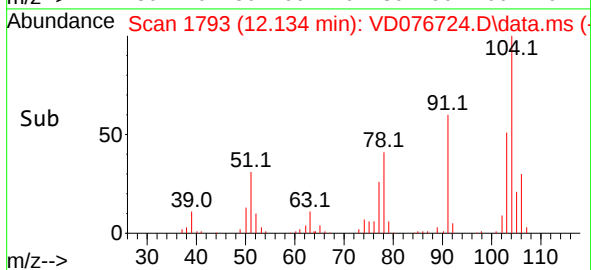
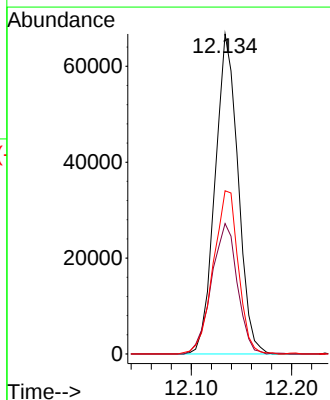
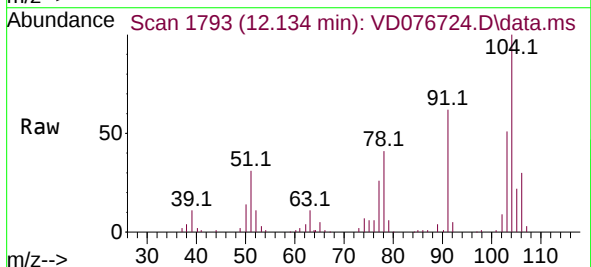
Manual Integrations
APPROVED

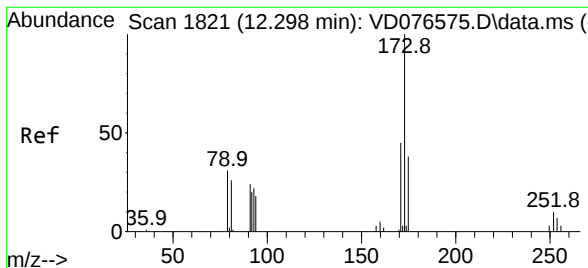
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#70
Styrene
Concen: 19.731 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

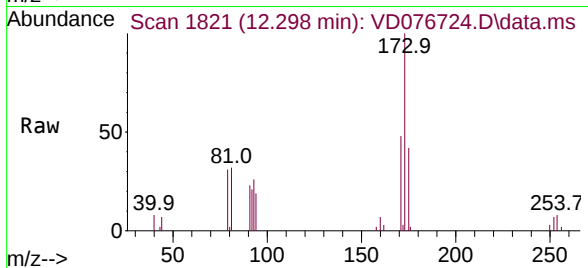
Tgt Ion:104 Resp: 106218
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.4 43.6 65.4





#71
Bromoform
Concen: 18.082 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

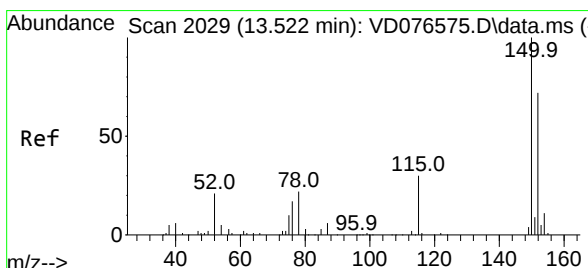
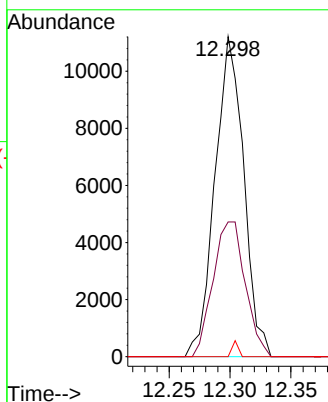
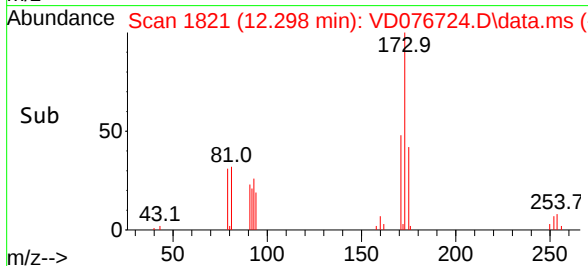
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



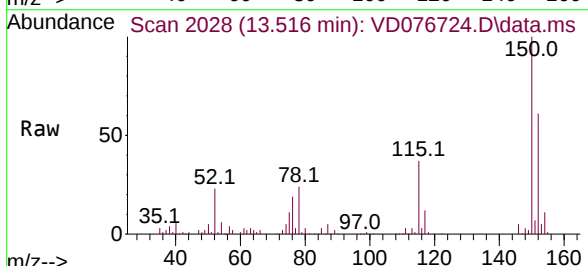
Tgt Ion:173 Resp: 18378
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 1.1 0.0 0.0

Manual Integrations
APPROVED

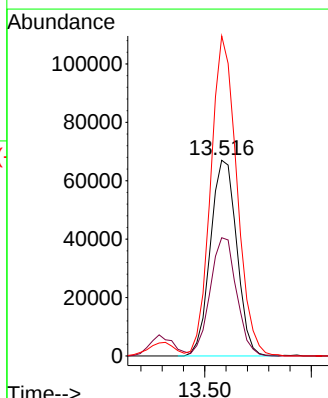
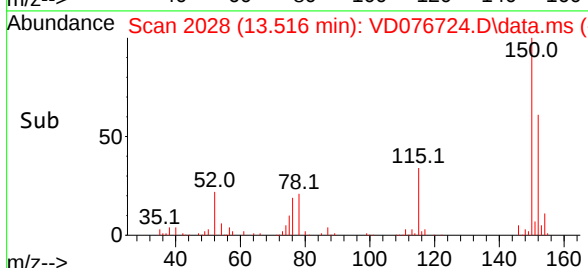
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

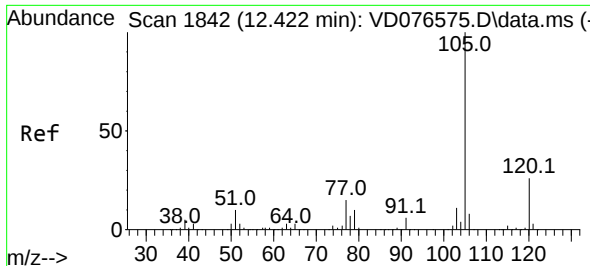


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46



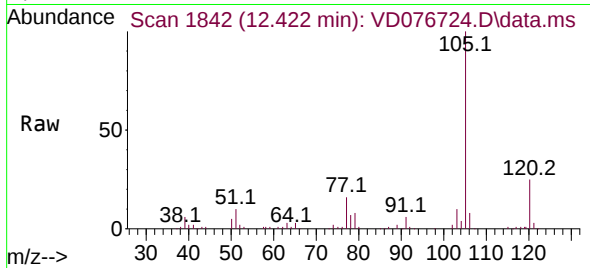
Tgt Ion:152 Resp: 114805
Ion Ratio Lower Upper
152 100
115 60.5 27.1 81.3
150 162.2 0.0 353.6





#73
Isopropylbenzene
Concen: 21.105 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

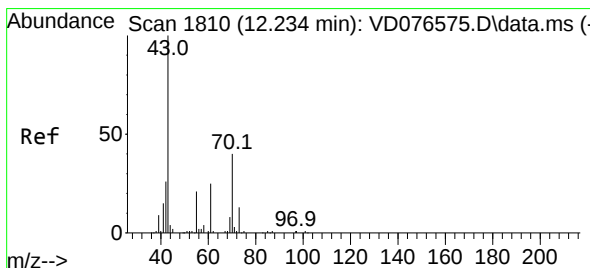
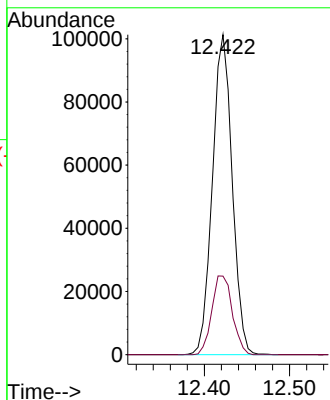
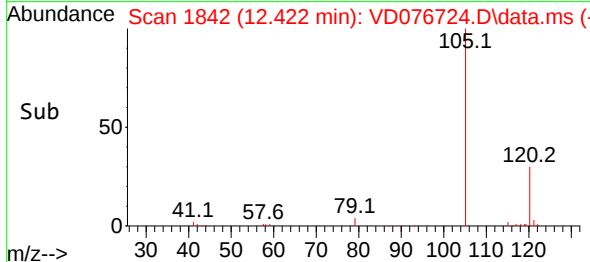
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:105 Resp: 163135
Ion Ratio Lower Upper
105 100
120 25.6 14.3 42.9

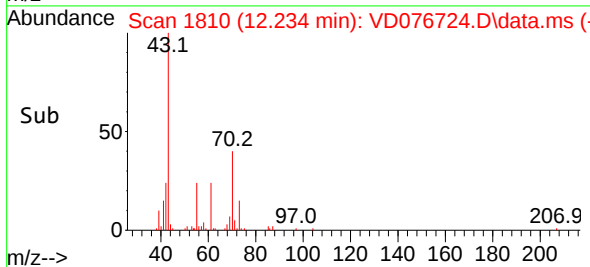
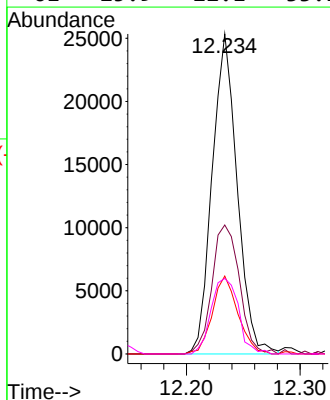
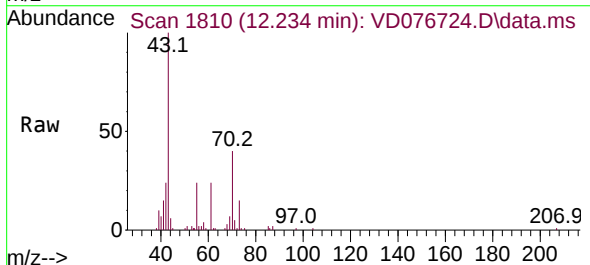
Manual Integrations
APPROVED

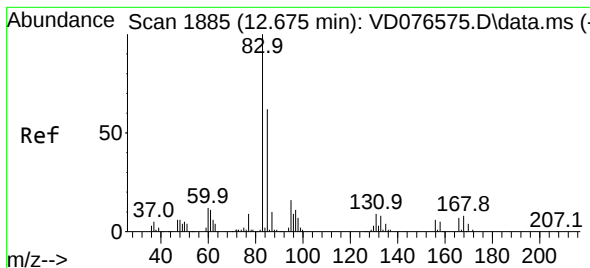
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#74
N-ethyl acetate
Concen: 17.119 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

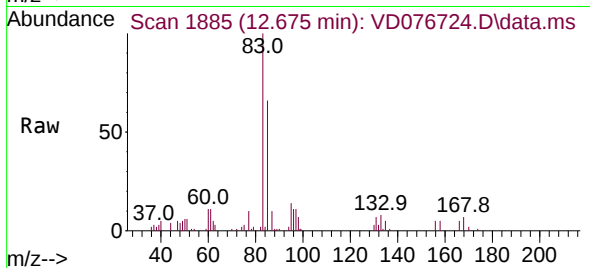
Tgt Ion: 43 Resp: 38737
Ion Ratio Lower Upper
43 100
70 44.6 45.0 67.4#
55 24.9 23.8 35.6
61 25.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 22.835 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

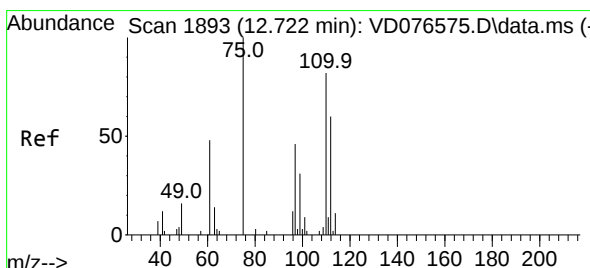
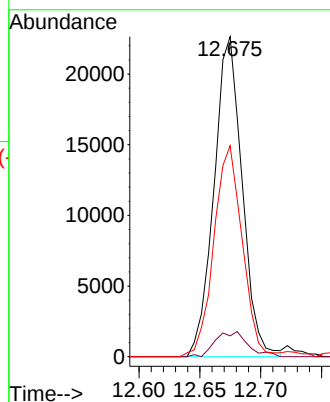
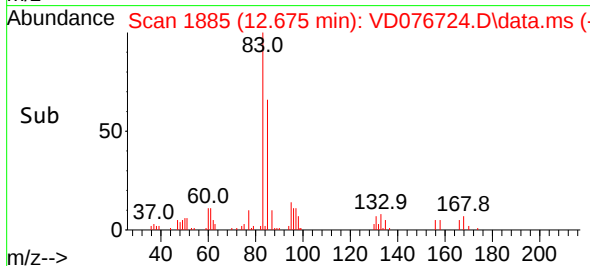
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 83 Resp: 3642
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 66.2 32.6 97.8

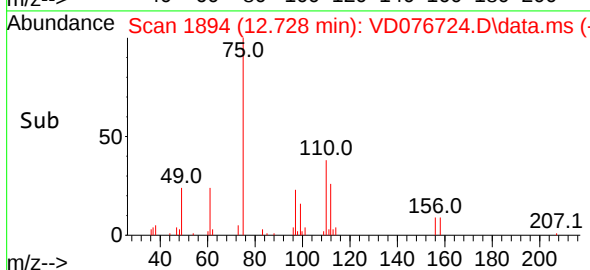
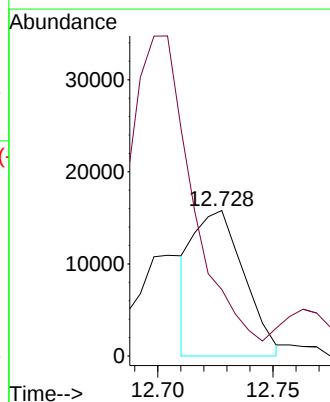
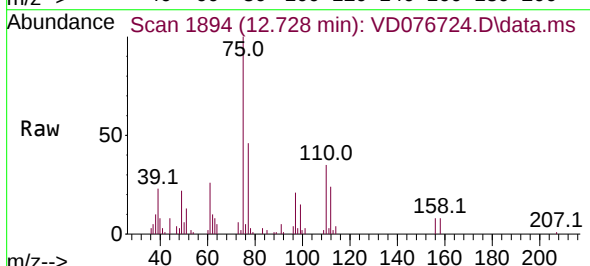
Manual Integrations
APPROVED

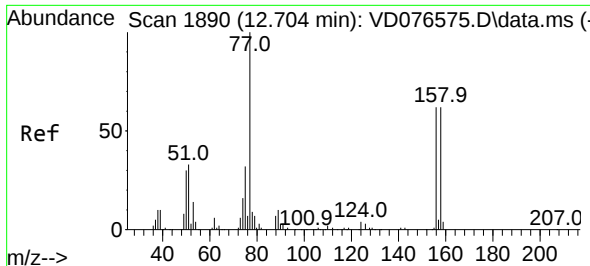
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#76
1,2,3-Trichloropropane
Concen: 21.111 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 75 Resp: 24054
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





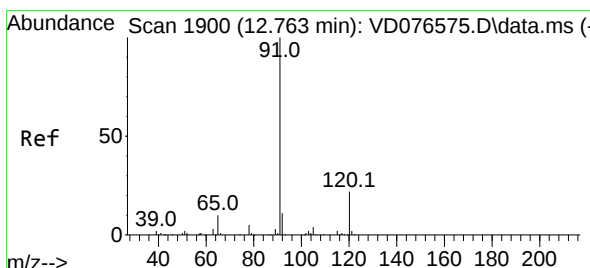
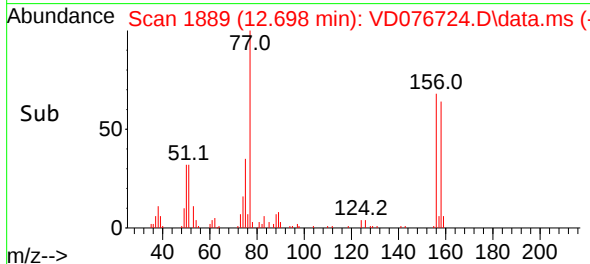
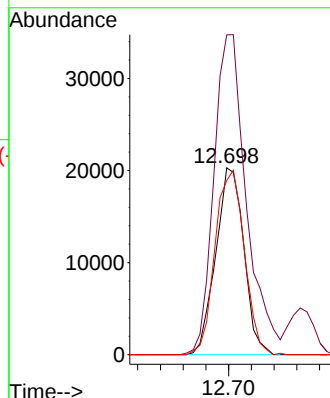
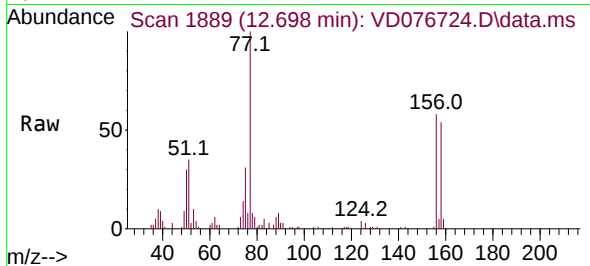
#77
Bromobenzene
Concen: 18.307 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:156 Resp: 3491
Ion Ratio Lower Upper
156 100
77 197.0 76.8 230.4
158 102.7 48.6 145.9

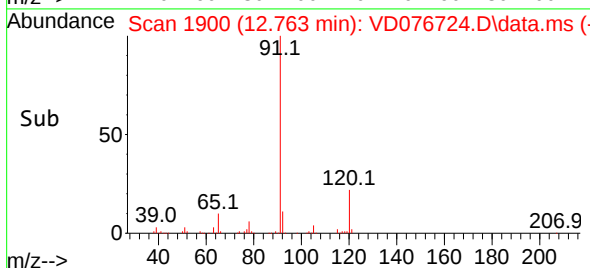
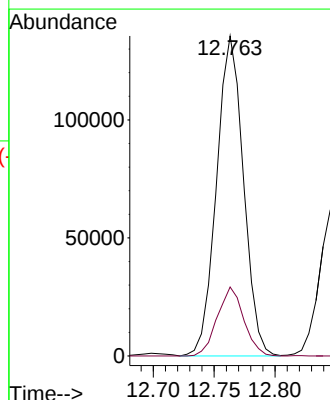
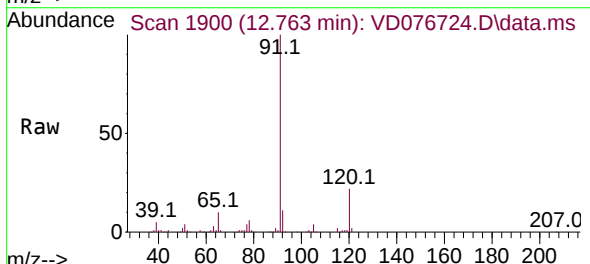
Manual Integrations
APPROVED

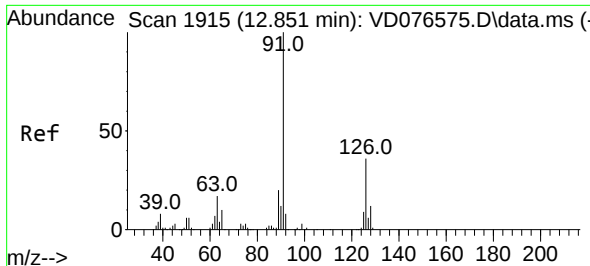
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#78
n-propylbenzene
Concen: 21.889 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 91 Resp: 208911
Ion Ratio Lower Upper
91 100
120 21.2 12.4 37.2





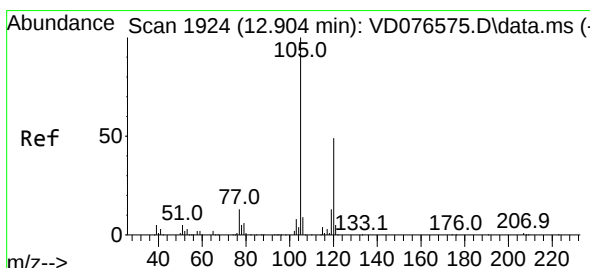
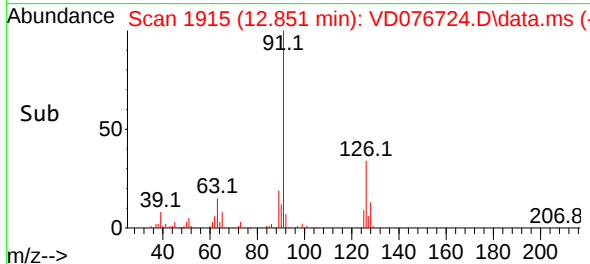
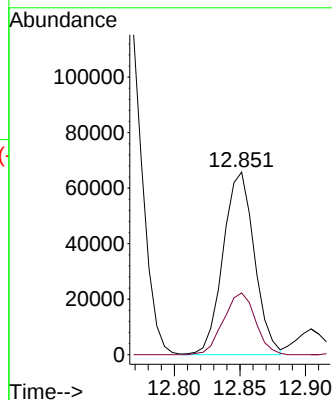
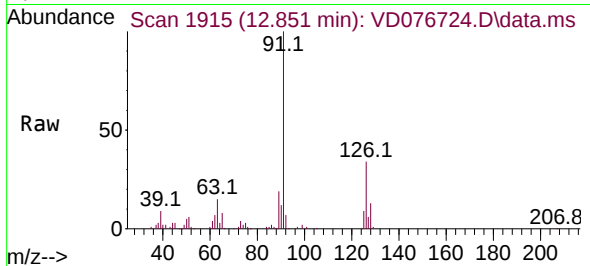
#79
2-Chlorotoluene
Concen: 20.865 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 91 Resp: 109352
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.1

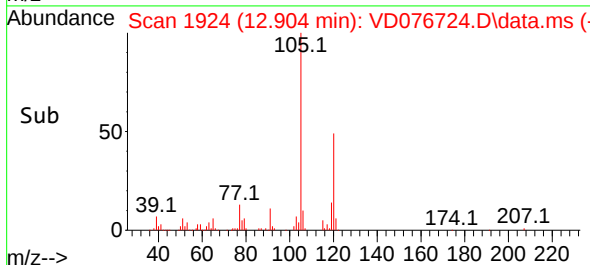
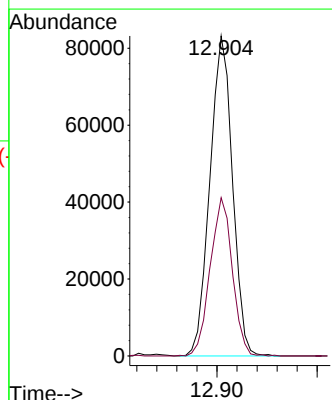
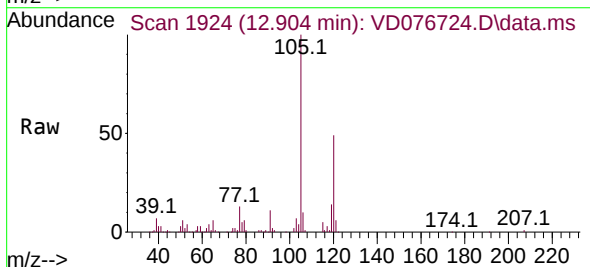
Manual Integrations
APPROVED

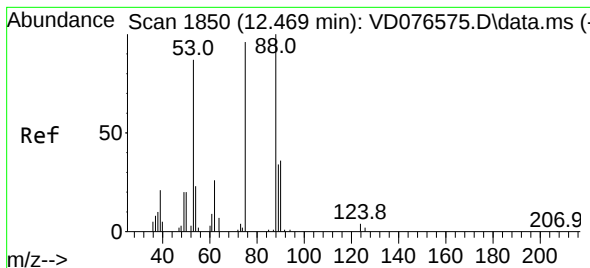
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.653 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

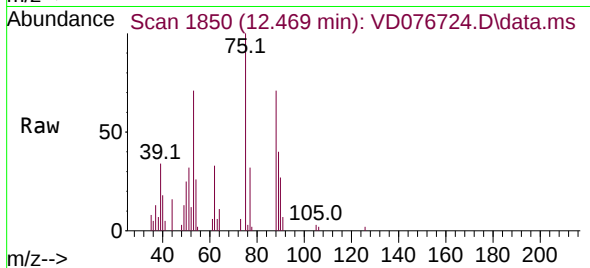
Tgt Ion:105 Resp: 130369
Ion Ratio Lower Upper
105 100
120 48.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.950 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

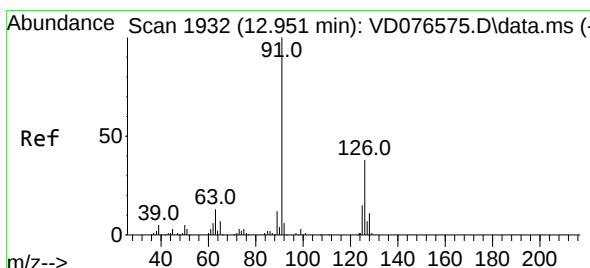
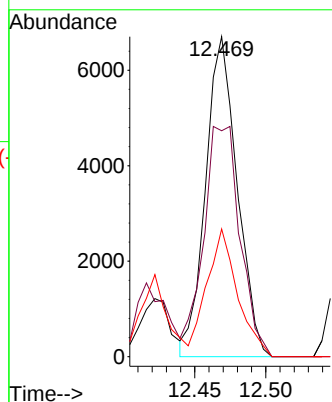
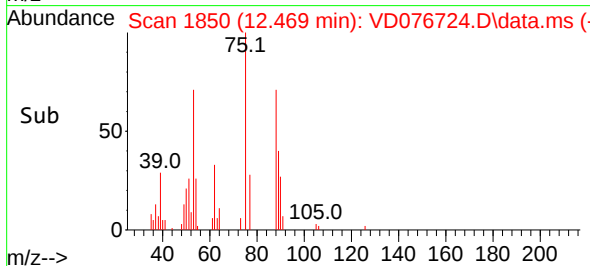
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 75 Resp: 10374
Ion Ratio Lower Upper
75 100
53 83.1 63.0 94.4
89 38.9 37.9 56.9

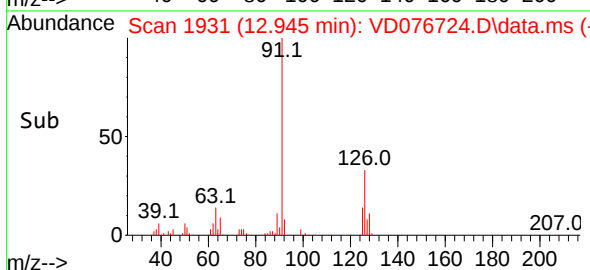
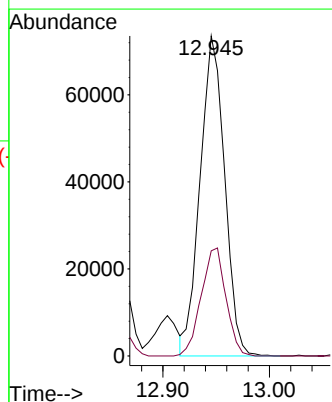
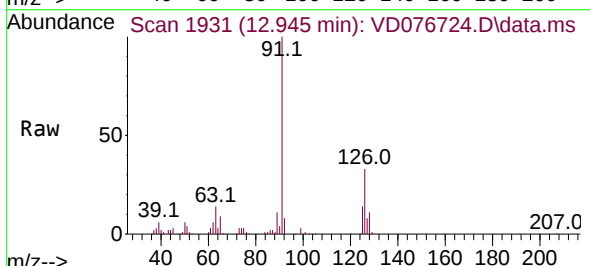
Manual Integrations
APPROVED

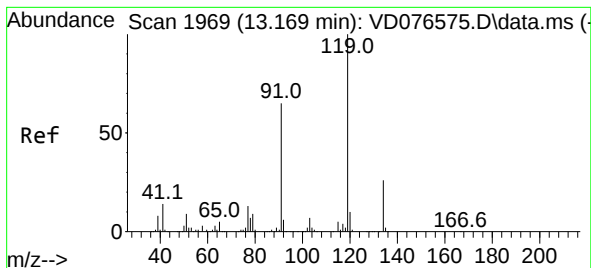
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#82
4-Chlorotoluene
Concen: 21.656 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion: 91 Resp: 117867
Ion Ratio Lower Upper
91 100
126 34.0 19.4 58.4





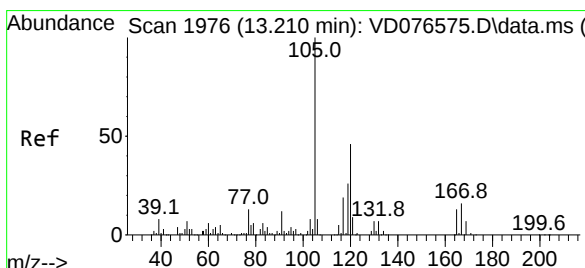
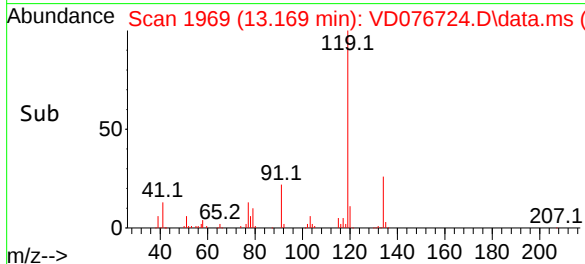
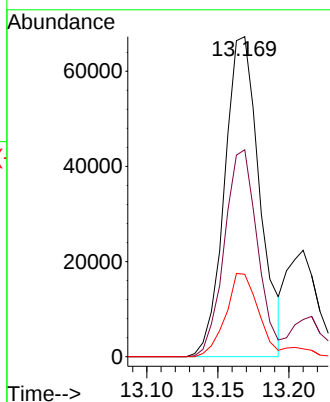
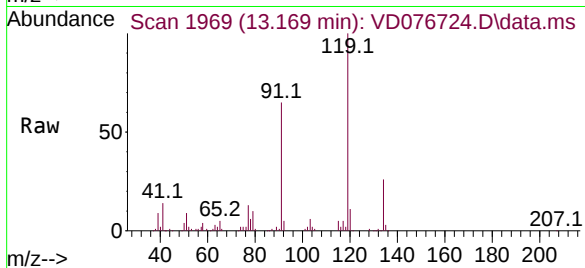
#83
tert-Butylbenzene
Concen: 20.577 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:119 Resp: 11541
Ion Ratio Lower Upper
119 100
91 61.1 29.3 87.8
134 24.6 14.1 42.3

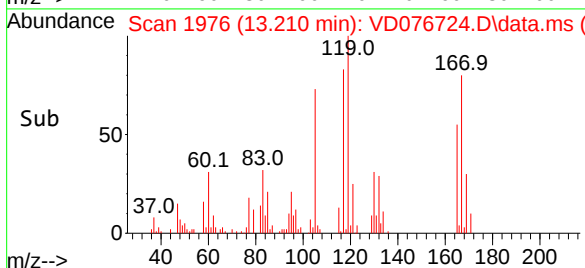
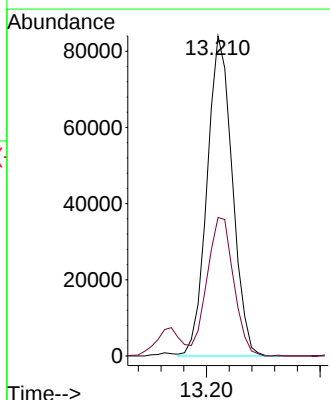
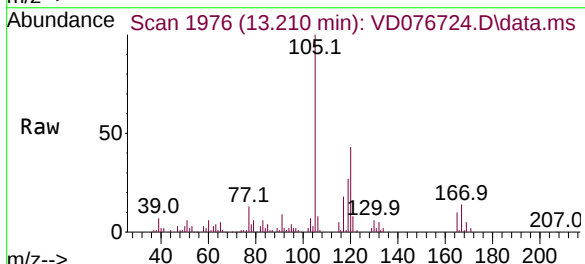
Manual Integrations
APPROVED

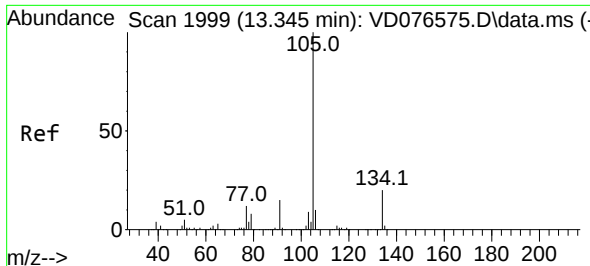
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.386 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:105 Resp: 129681
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





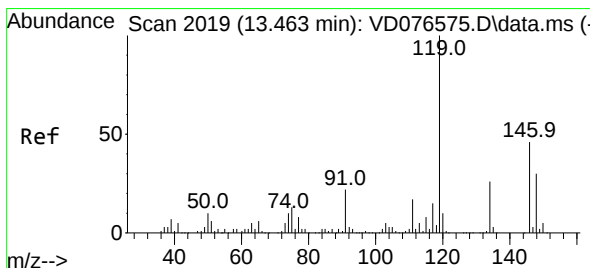
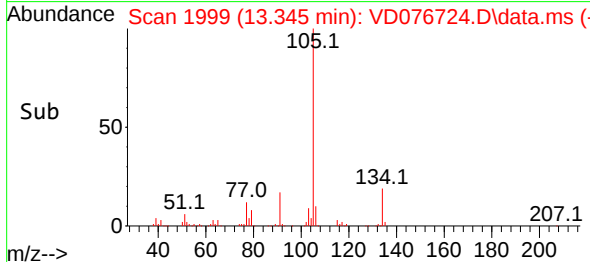
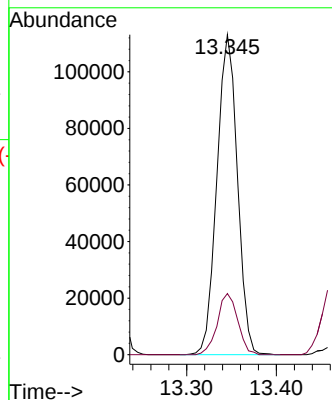
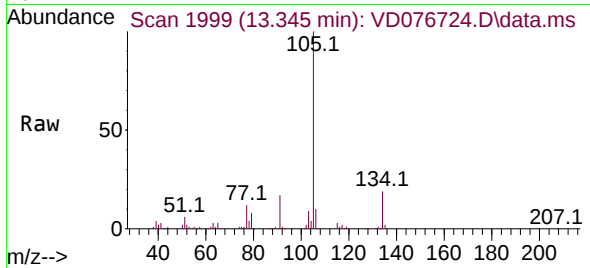
#85
 sec-Butylbenzene
 Concen: 21.574 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Tgt Ion:105 Resp: 179572
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9

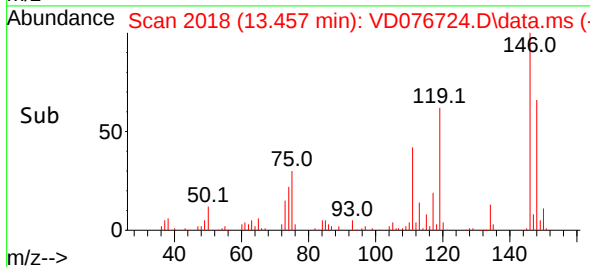
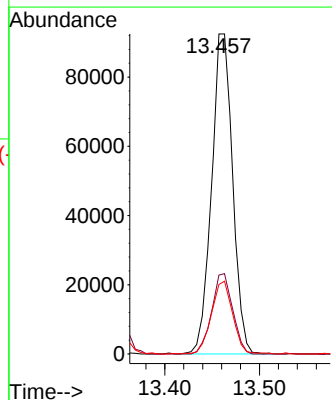
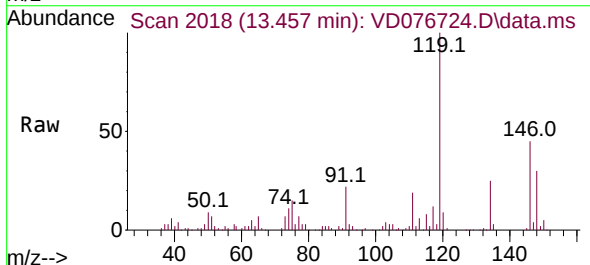
Manual Integrations
 APPROVED

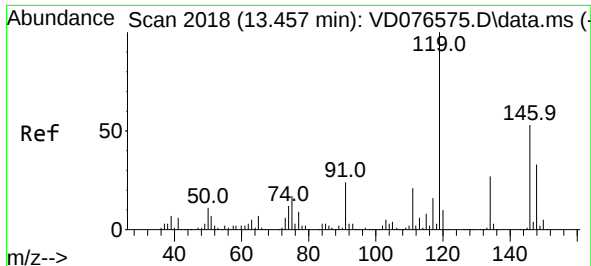
Reviewed By :John Carlone 07/13/2023
 Supervised By :Mahesh Dadoda 07/13/2023



#86
 p-Isopropyltoluene
 Concen: 20.595 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD076724.D
 Acq: 12 Jul 2023 10:46

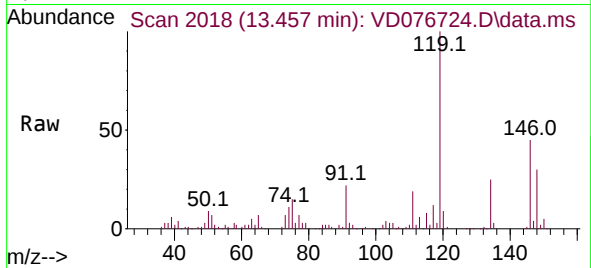
Tgt Ion:119 Resp: 143232
 Ion Ratio Lower Upper
 119 100
 134 25.0 14.2 42.6
 91 23.1 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 19.532 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

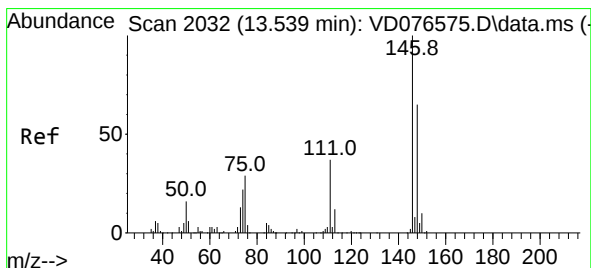
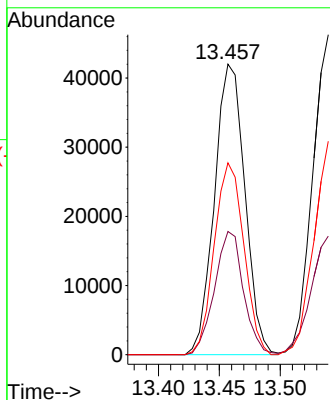
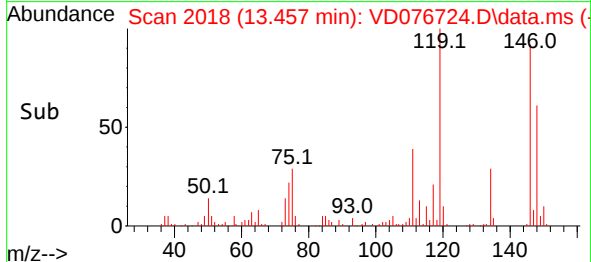
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



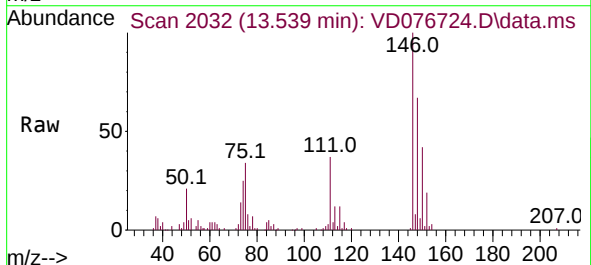
Tgt Ion:146 Resp: 73164
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 64.1 32.3 96.8

Manual Integrations
APPROVED

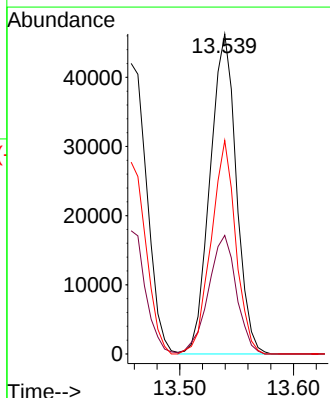
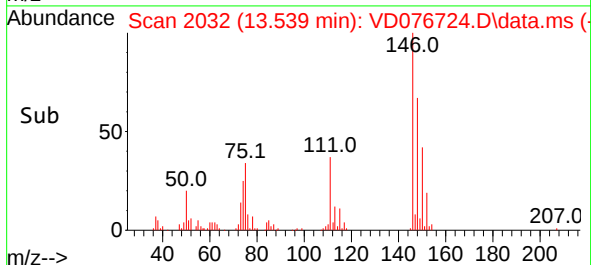
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

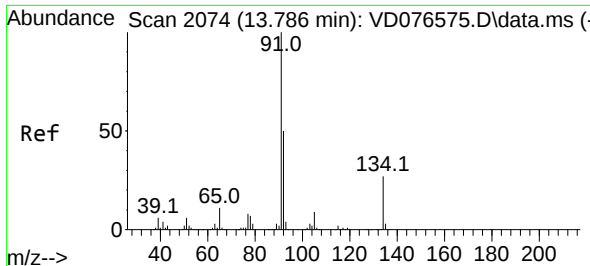


#88
1,4-Dichlorobenzene
Concen: 19.891 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46



Tgt Ion:146 Resp: 74310
Ion Ratio Lower Upper
146 100
111 39.4 17.4 52.3
148 62.7 31.7 95.1





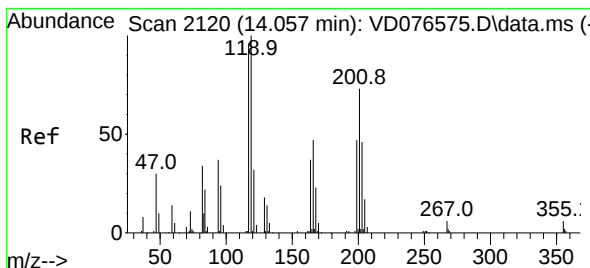
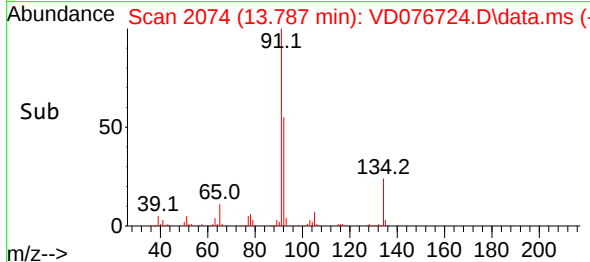
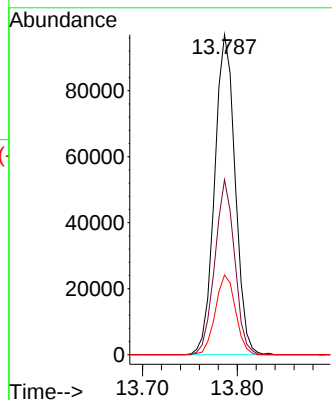
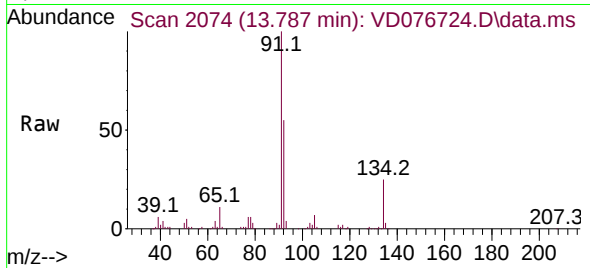
#89
n-Butylbenzene
Concen: 21.541 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 91 Resp: 146120
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.5
134 24.5 13.8 41.3

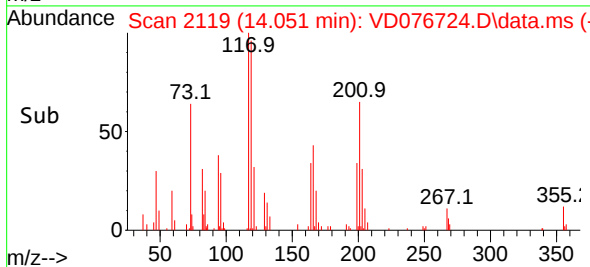
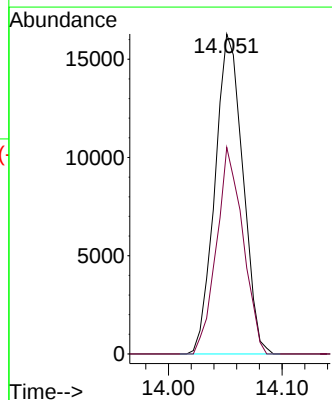
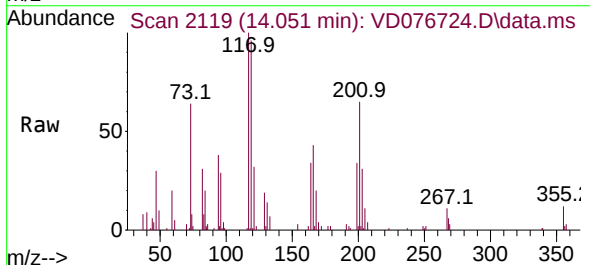
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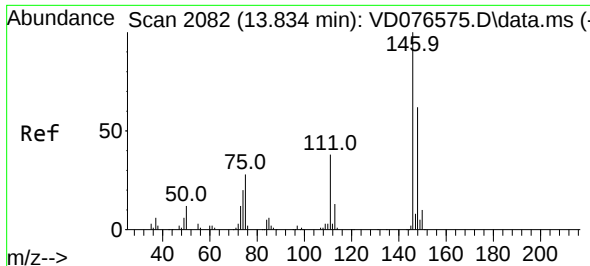
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#90
Hexachloroethane
Concen: 21.621 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:117 Resp: 27749
Ion Ratio Lower Upper
117 100
201 61.4 38.5 115.5





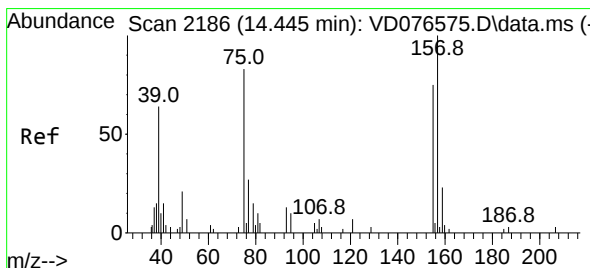
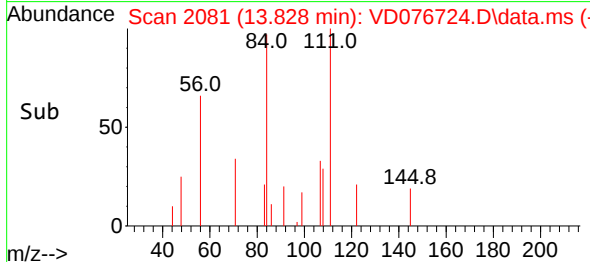
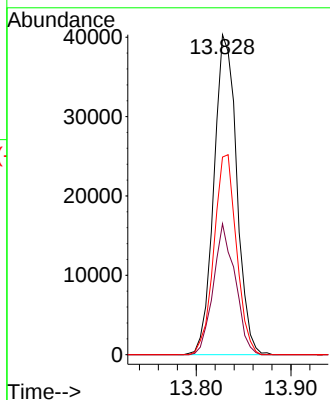
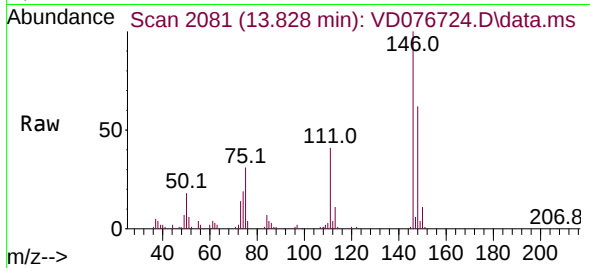
#91
1,2-Dichlorobenzene
Concen: 20.600 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:146 Resp: 6742
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 61.7 31.6 94.7

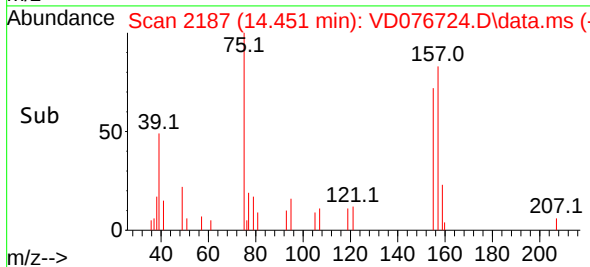
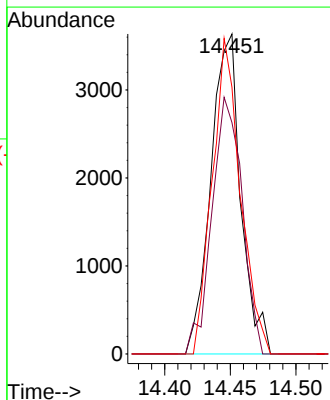
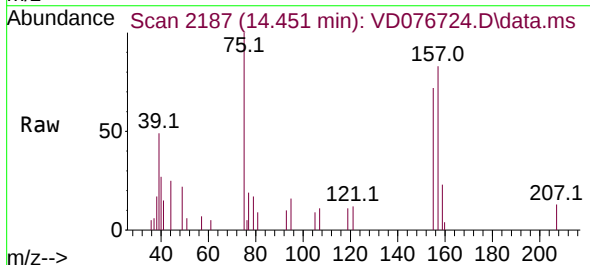
Manual Integrations
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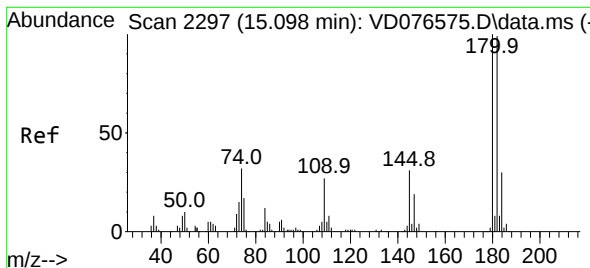
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.080 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

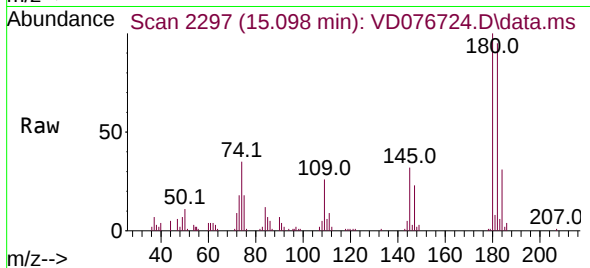
Tgt Ion: 75 Resp: 5781
Ion Ratio Lower Upper
75 100
155 80.8 47.9 143.8
157 92.8 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.748 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

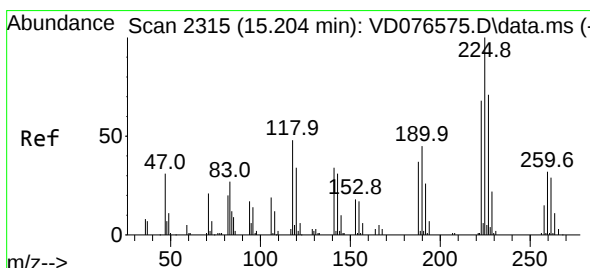
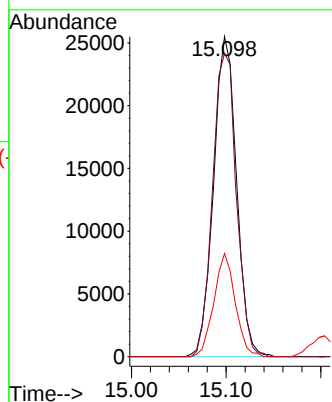
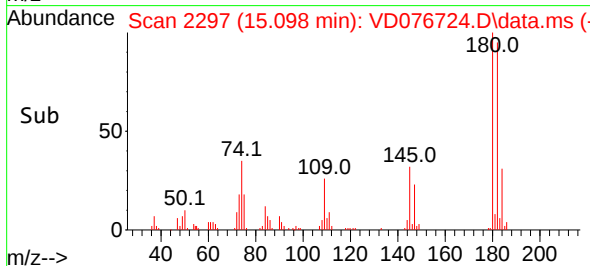
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



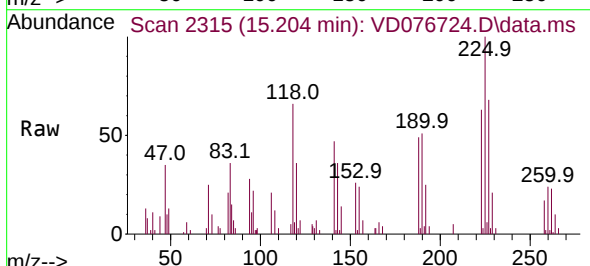
Tgt Ion:180 Resp: 43079
Ion Ratio Lower Upper
180 100
182 97.9 48.5 145.6
145 29.9 14.2 42.6

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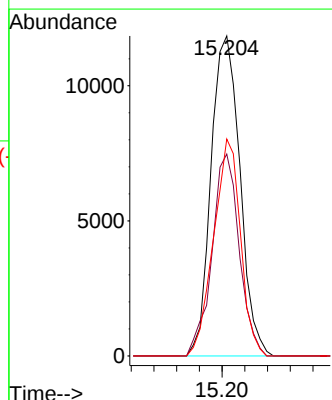
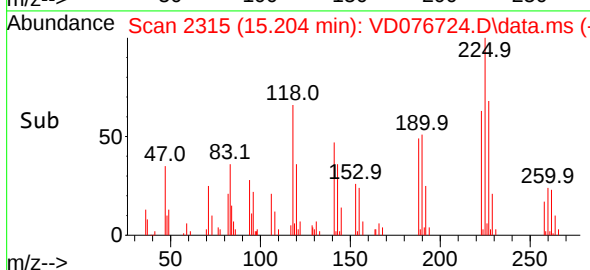
Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023

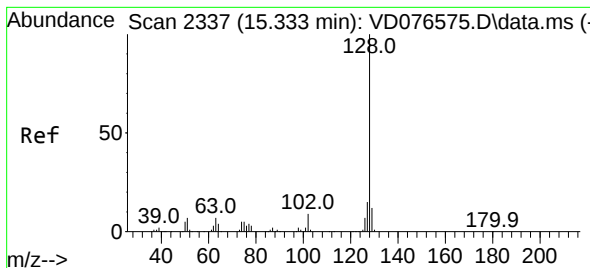


#94
Hexachlorobutadiene
Concen: 19.733 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46



Tgt Ion:225 Resp: 20928
Ion Ratio Lower Upper
225 100
223 59.6 31.6 94.8
227 62.9 31.7 95.1





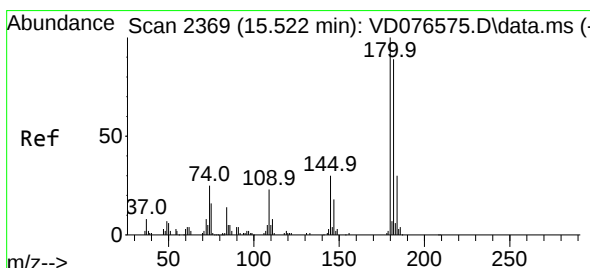
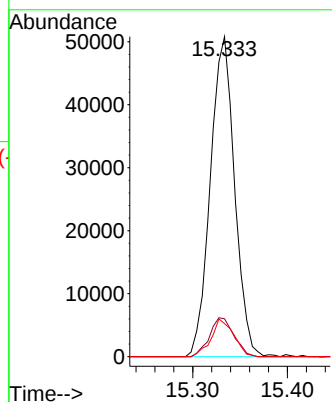
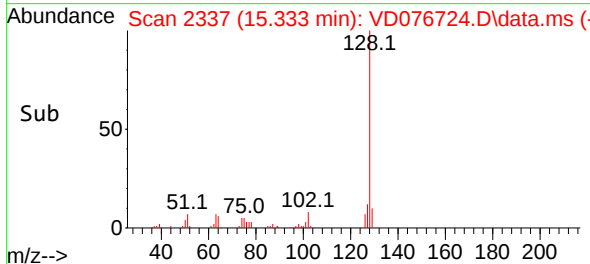
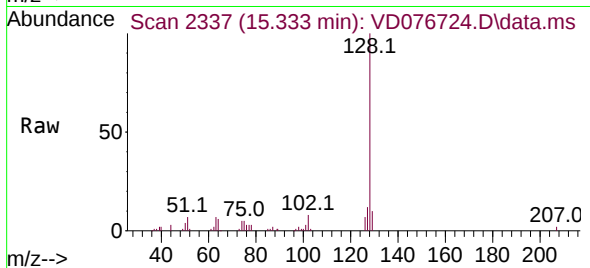
#95
Naphthalene
Concen: 20.745 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:128 Resp: 9049
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 07/13/2023
Supervised By :Mahesh Dadoda 07/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.405 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076724.D
Acq: 12 Jul 2023 10:46

Tgt Ion:180 Resp: 38782
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.9
145 32.0 15.1 45.3

