

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076747.D
 Acq On : 17 Jul 2023 11:46
 Operator : KP/SY
 Sample : VD0717SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

Quant Time: Jul 18 01:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	373707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99949	49.085	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.180%		
35) Dibromofluoromethane	7.804	113	114993	48.966	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.940%		
50) Toluene-d8	10.269	98	397213	47.281	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.560%		
62) 4-Bromofluorobenzene	12.575	95	131506	48.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	35956	22.492	ug/l	95
3) Chloromethane	2.146	50	53900	19.545	ug/l	94
4) Vinyl Chloride	2.275	62	72390	19.692	ug/l	100
5) Bromomethane	2.669	94	57626	19.052	ug/l	99
6) Chloroethane	2.822	64	52934	19.072	ug/l	99
7) Trichlorofluoromethane	3.164	101	71652	21.905	ug/l	96
8) Diethyl Ether	3.593	74	23545	20.906	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.958	101	47005	21.861	ug/l	98
10) Methyl Iodide	4.158	142	47913	19.768	ug/l	94
11) Tert butyl alcohol	5.069	59	17223	113.350	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	41343	20.466	ug/l	92
13) Acrolein	3.799	56	12714	122.786	ug/l	96
14) Allyl chloride	4.558	41	52234	19.683	ug/l	91
15) Acrylonitrile	5.258	53	55797	100.874	ug/l	96
16) Acetone	4.022	43	48810	100.371	ug/l	90
17) Carbon Disulfide	4.263	76	96913	20.540	ug/l #	95
18) Methyl Acetate	4.558	43	37505	20.527	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	108483	20.025	ug/l	99
20) Methylene Chloride	4.793	84	69658	17.325	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	47322	20.153	ug/l	95
22) Diisopropyl ether	6.210	45	121659	19.360	ug/l	98
23) Vinyl Acetate	6.152	43	294034	94.567	ug/l	99
24) 1,1-Dichloroethane	6.110	63	85084	20.082	ug/l	95
25) 2-Butanone	7.081	43	67796	104.168	ug/l	96
26) 2,2-Dichloropropane	7.075	77	80096	21.930	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	60118	20.768	ug/l	95
28) Bromochloromethane	7.428	49	25155	23.747	ug/l	83
29) Tetrahydrofuran	7.440	42	37996	98.810	ug/l	93
30) Chloroform	7.599	83	95671	20.616	ug/l	97
31) Cyclohexane	7.875	56	61194	20.421	ug/l #	96
32) 1,1,1-Trichloroethane	7.793	97	84098	22.461	ug/l	93
36) 1,1-Dichloropropene	8.004	75	64787	21.112	ug/l	98
37) Ethyl Acetate	7.175	43	26062	18.991	ug/l #	74
38) Carbon Tetrachloride	7.987	117	63025	21.449	ug/l	99
39) Methylcyclohexane	9.269	83	73672	20.792	ug/l	96
40) Benzene	8.246	78	199308	20.584	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15876	18.944	ug/l	95
42) 1,2-Dichloroethane	8.322	62	53918	21.432	ug/l	97
43) Isopropyl Acetate	8.363	43	52214	19.495	ug/l	95
44) Trichloroethene	9.022	130	55747	21.128	ug/l	93
45) 1,2-Dichloropropane	9.304	63	51752	20.706	ug/l	100
46) Dibromomethane	9.393	93	29787	20.360	ug/l	93
47) Bromodichloromethane	9.587	83	75414	20.541	ug/l	95
48) Methyl methacrylate	9.381	41	24691	20.255	ug/l	80
49) 1,4-Dioxane	9.387	88	7229	385.666	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	142507	99.934	ug/l	94
52) Toluene	10.334	92	130018	20.445	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	67484	19.803	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	79685	19.841	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	44854	20.995	ug/l	94
56) Ethyl methacrylate	10.598	69	49168	19.940	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	68564	19.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	99200	103.934	ug/l	100
59) 2-Hexanone	10.922	43	101353	99.608	ug/l	92
60) Dibromochloromethane	11.075	129	53079	21.387	ug/l	99
61) 1,2-Dibromoethane	11.181	107	40745	20.571	ug/l	100
64) Tetrachloroethene	10.810	164	45251	23.341	ug/l	98
65) Chlorobenzene	11.604	112	144561	21.141	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	52987	20.813	ug/l	98
67) Ethyl Benzene	11.681	91	249008	20.735	ug/l	95
68) m/p-Xylenes	11.793	106	190617	41.329	ug/l	92
69) o-Xylene	12.122	106	91305	20.472	ug/l	96
70) Styrene	12.134	104	161508	20.686	ug/l	98
71) Bromoform	12.298	173	31182	22.364	ug/l #	99
73) Isopropylbenzene	12.422	105	243607	21.078	ug/l	95
74) N-amyl acetate	12.234	43	49945	20.513	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	50786	20.466	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	32902m	21.719	ug/l	
77) Bromobenzene	12.704	156	55567	20.830	ug/l	88
78) n-propylbenzene	12.763	91	295985	21.125	ug/l	96
79) 2-Chlorotoluene	12.851	91	159765	20.796	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	196613	21.039	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14774	20.756	ug/l	98
82) 4-Chlorotoluene	12.945	91	170388	21.230	ug/l	94
83) tert-Butylbenzene	13.169	119	175522	21.332	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	193721	20.285	ug/l	100
85) sec-Butylbenzene	13.345	105	269309	21.422	ug/l	95
86) p-Isopropyltoluene	13.463	119	218681	21.063	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	117907	21.488	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	114764	21.348	ug/l	98
89) n-Butylbenzene	13.787	91	214941	21.157	ug/l	98
90) Hexachloroethane	14.051	117	43572	22.700	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	104238	21.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7123	20.132	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	61319	20.774	ug/l	95
94) Hexachlorobutadiene	15.204	225	30496	21.482	ug/l	97
95) Naphthalene	15.334	128	127967	20.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	56483	21.323	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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

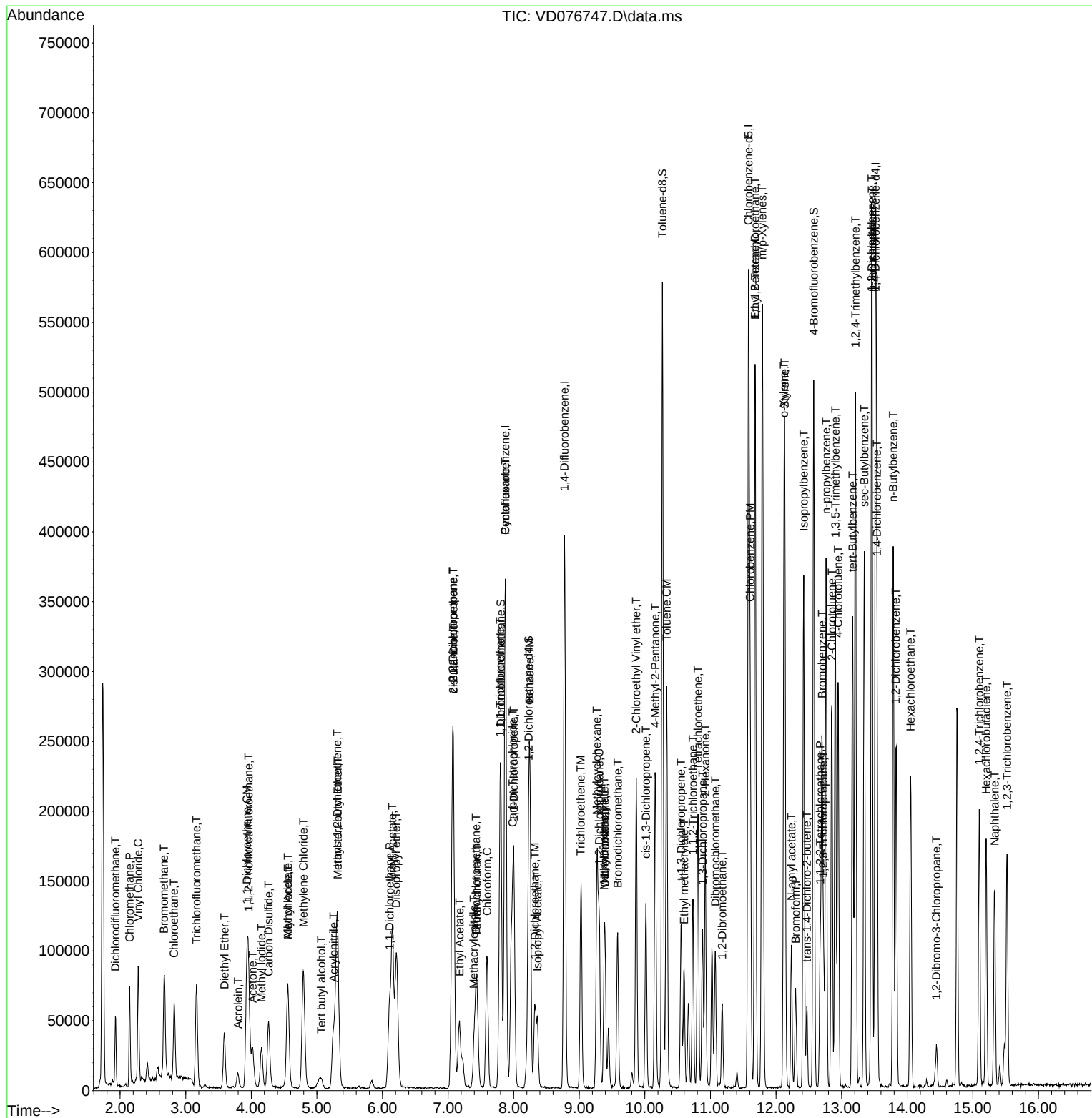
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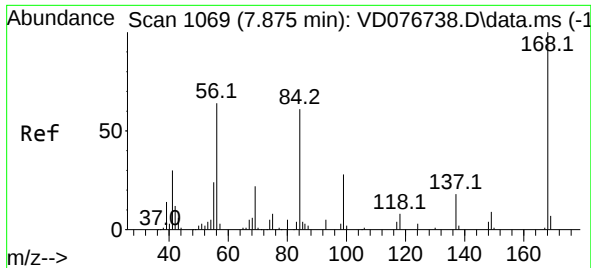
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Manual Integrations APPROVED

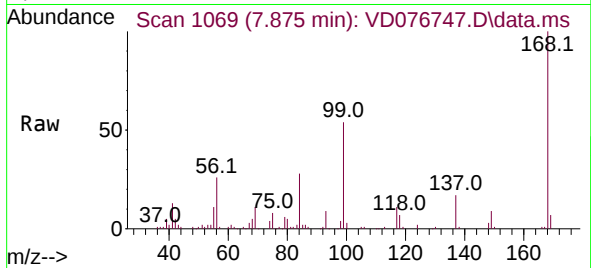
Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

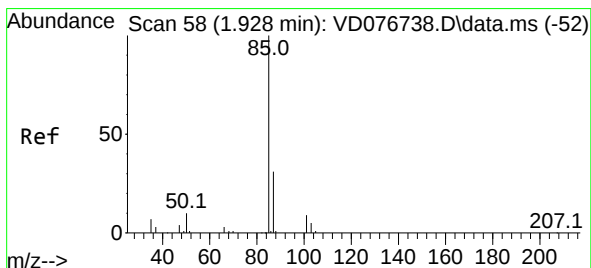
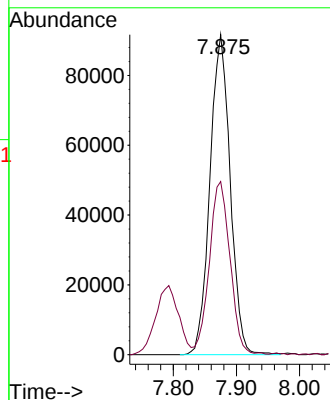
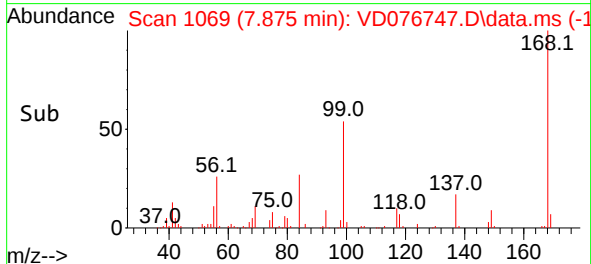
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



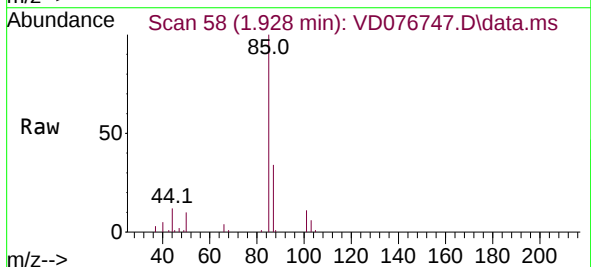
Tgt Ion:168 Resp: 204434
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1

Manual Integrations
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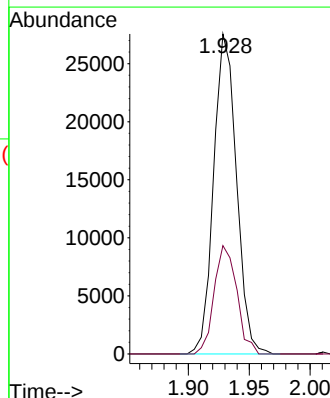
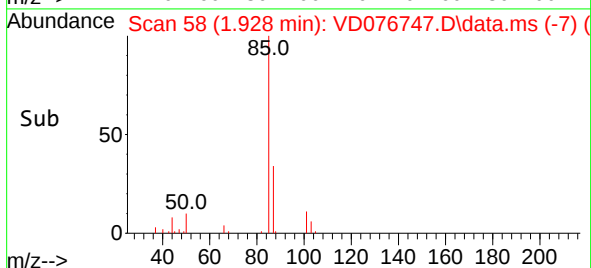
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

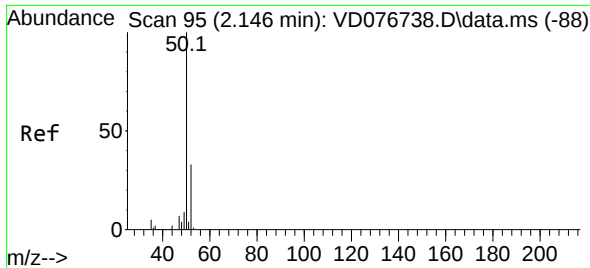


#2
Dichlorodifluoromethane
Concen: 22.492 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



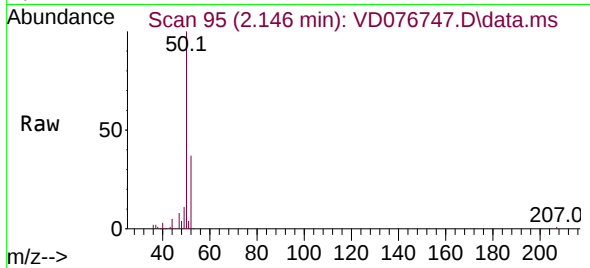
Tgt Ion: 85 Resp: 35956
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.0





#3
Chloromethane
Concen: 19.545 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

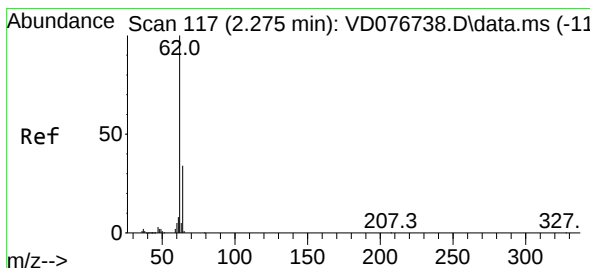
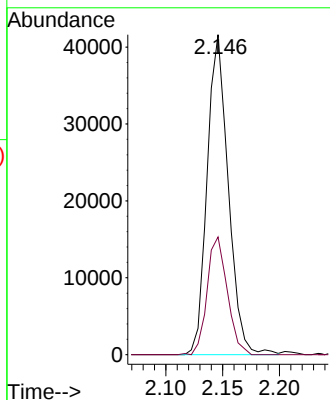
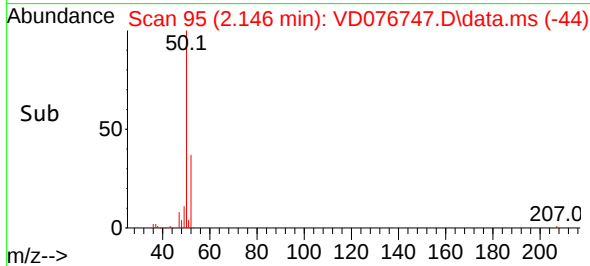
Instrument :
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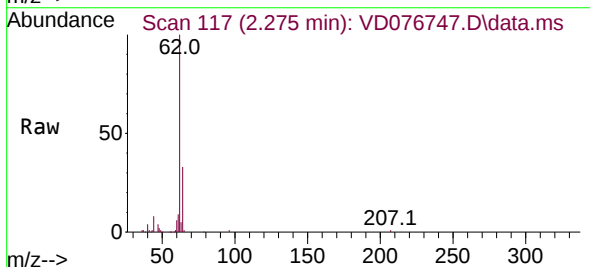
Tgt Ion: 50 Resp: 53900
Ion Ratio Lower Upper
50 100
52 36.8 26.6 40.0

Manual Integrations
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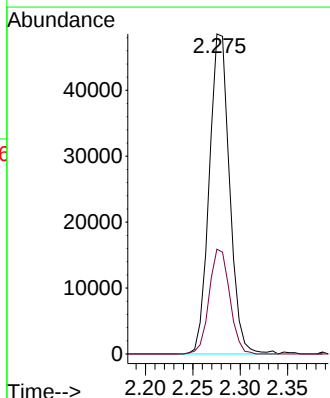
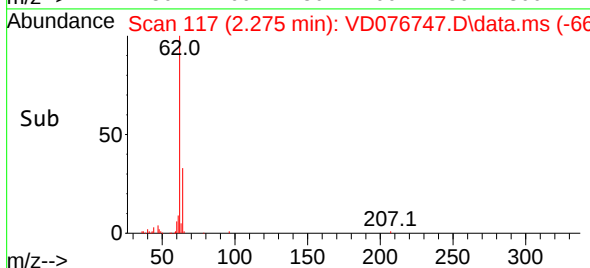
Reviewed By :John Carlone 07/18/2023
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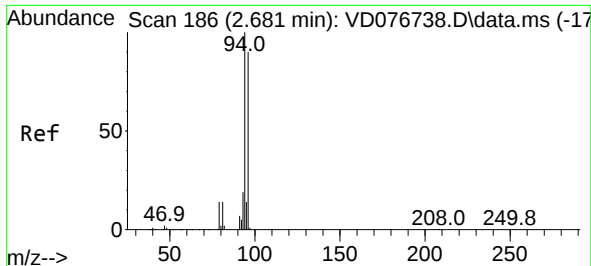


#4
Vinyl Chloride
Concen: 19.692 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



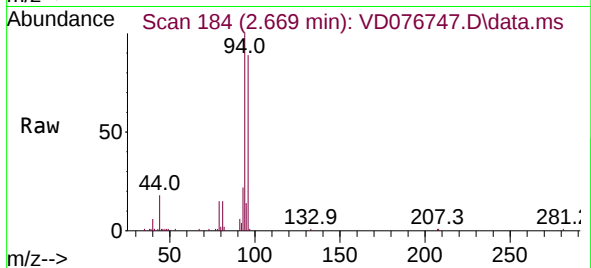
Tgt Ion: 62 Resp: 72390
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 19.052 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

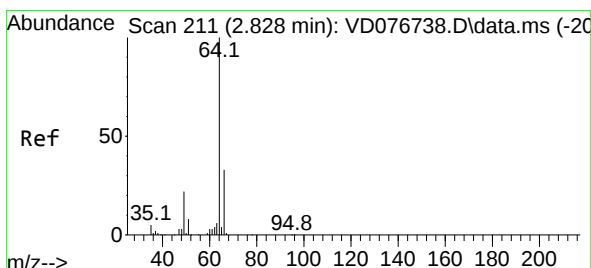
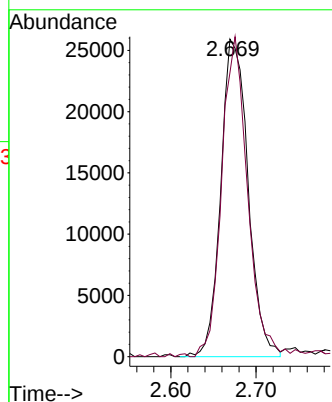
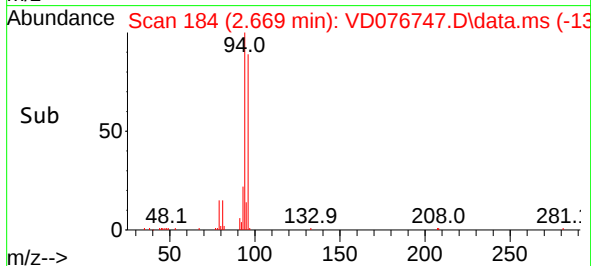
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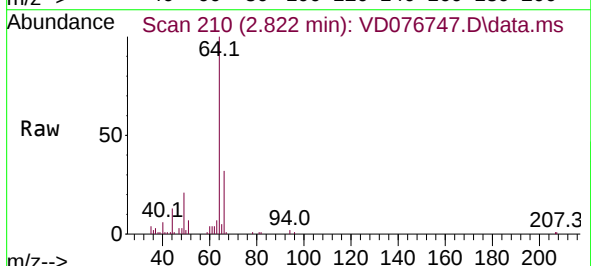
Tgt Ion: 94 Resp: 57620
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.8

Manual Integrations
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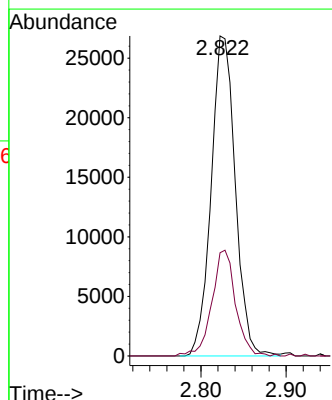
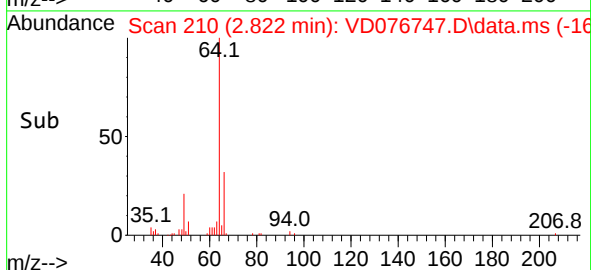
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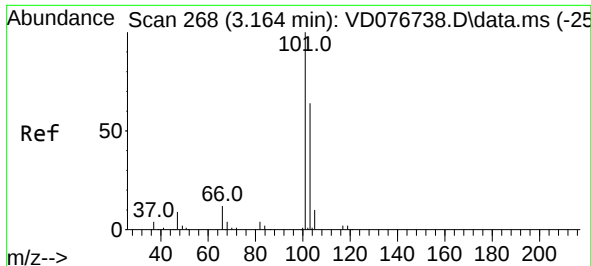


#6
Chloroethane
Concen: 19.072 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



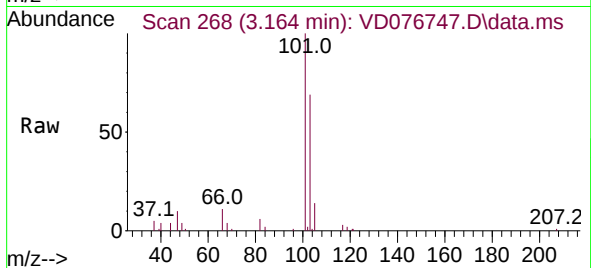
Tgt Ion: 64 Resp: 52934
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 21.905 ug/l
 RT: 3.164 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46

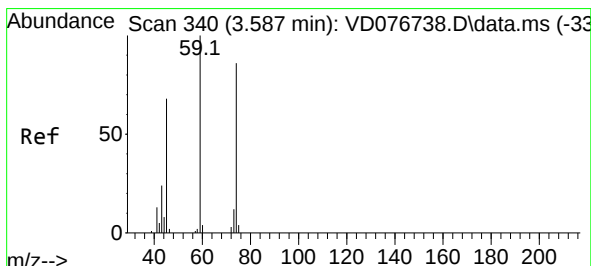
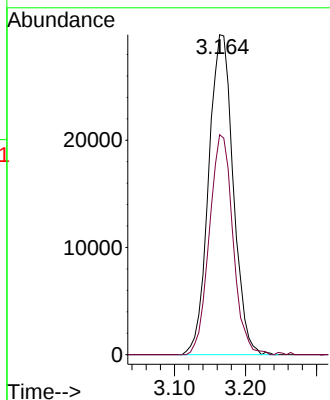
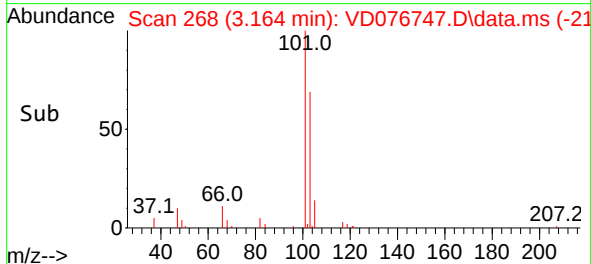
Instrument :
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Tgt Ion:101 Resp: 71652
 Ion Ratio Lower Upper
 101 100
 103 68.8 52.3 78.5

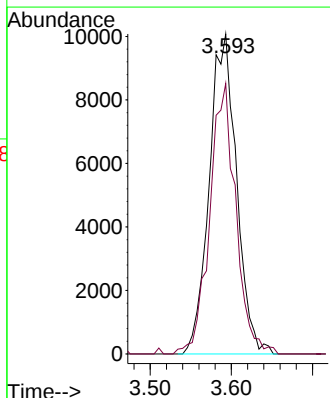
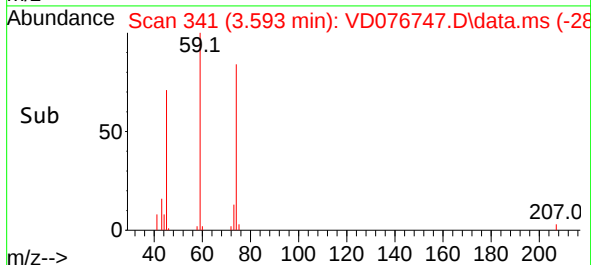
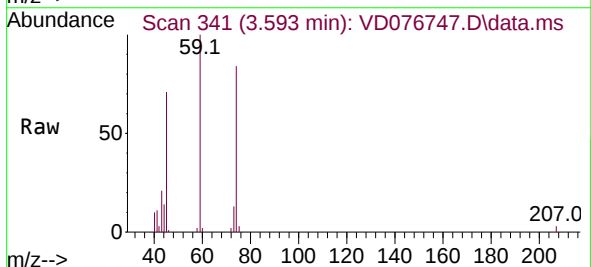
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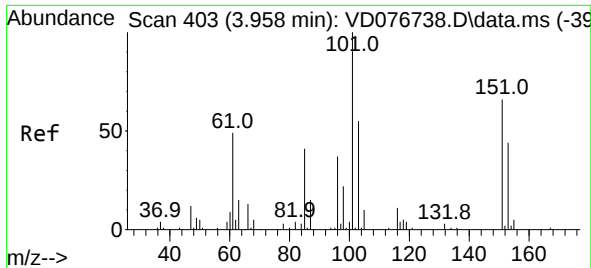
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#8
 Diethyl Ether
 Concen: 20.906 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46

Tgt Ion: 74 Resp: 23545
 Ion Ratio Lower Upper
 74 100
 45 80.7 37.5 112.7





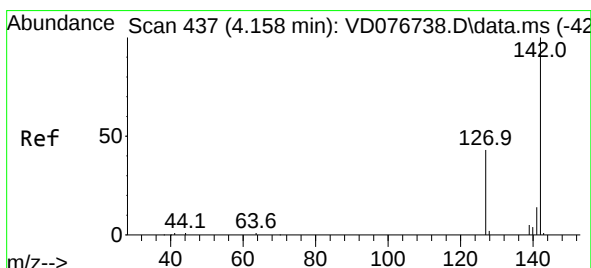
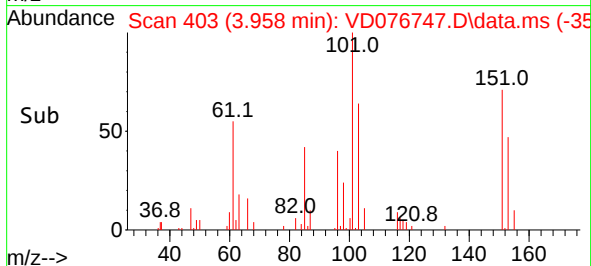
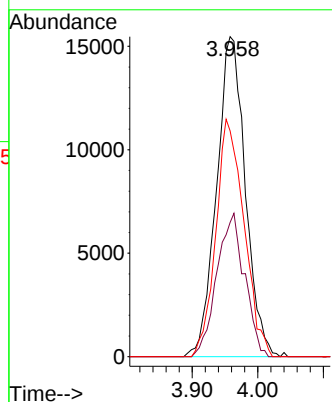
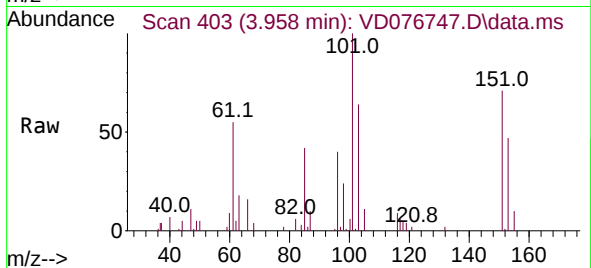
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.861 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion:101 Resp: 47005
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 72.8 59.8 89.6

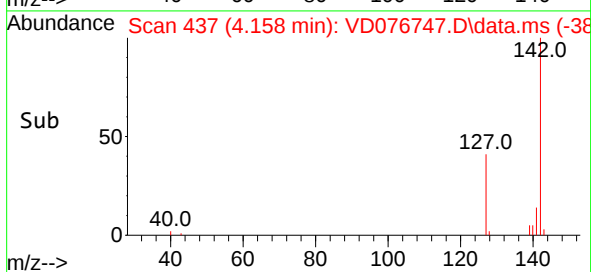
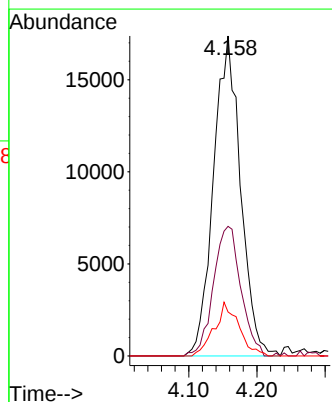
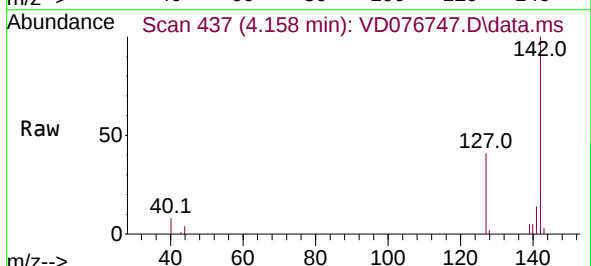
Manual Integrations
APPROVED

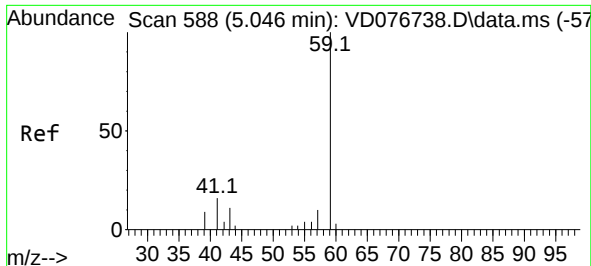
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 19.768 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion:142 Resp: 47913
Ion Ratio Lower Upper
142 100
127 41.1 29.4 44.0
141 15.2 11.1 16.7





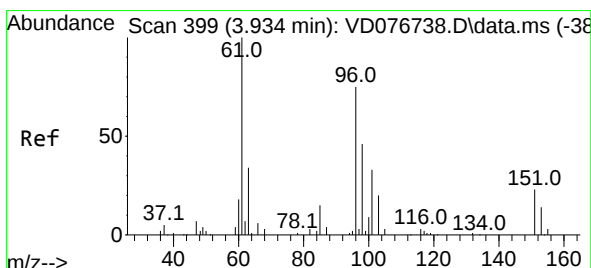
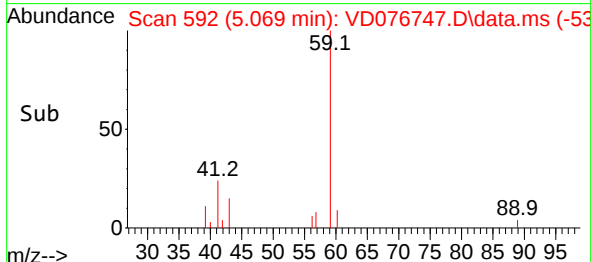
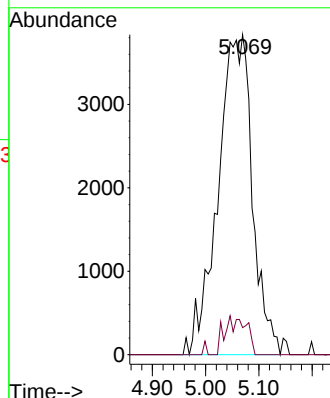
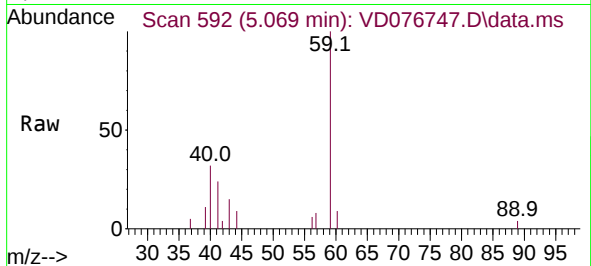
#11
Tert butyl alcohol
Concen: 113.350 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.023 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 59 Resp: 1722
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

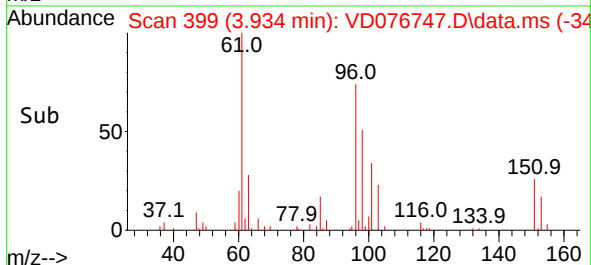
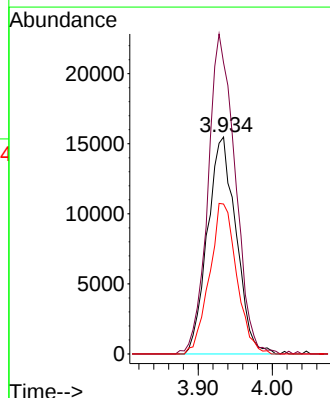
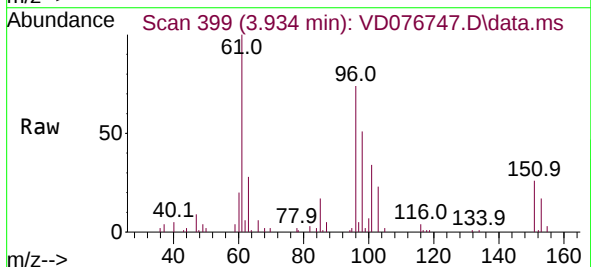
Manual Integrations
APPROVED

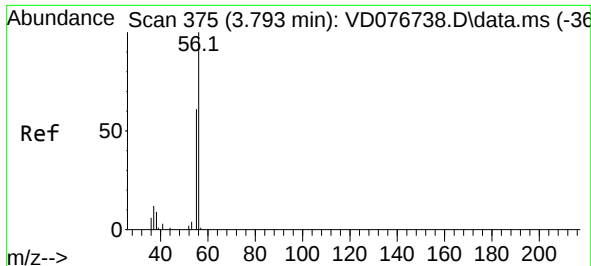
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 20.466 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

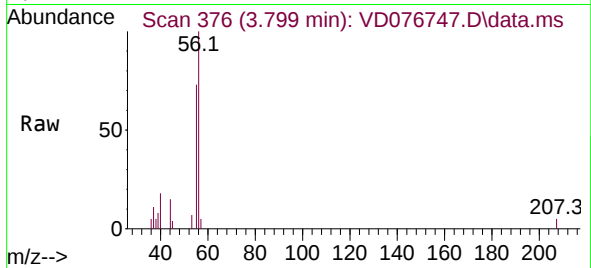
Tgt Ion: 96 Resp: 41343
Ion Ratio Lower Upper
96 100
61 134.2 100.6 150.8
98 69.1 50.2 75.2





#13
Acrolein
Concen: 122.786 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

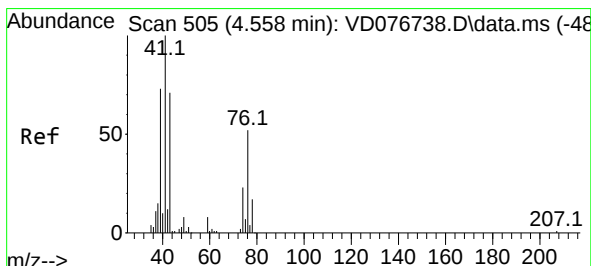
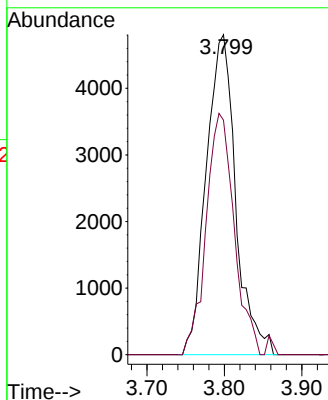
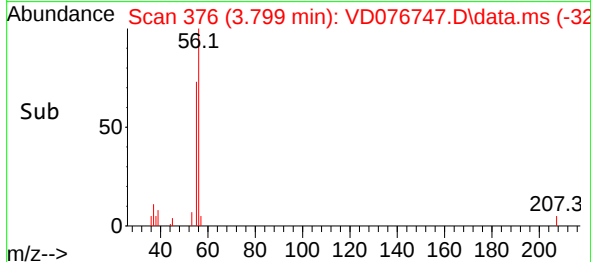
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion: 56 Resp: 12714
Ion Ratio Lower Upper
56 100
55 71.8 55.1 82.7

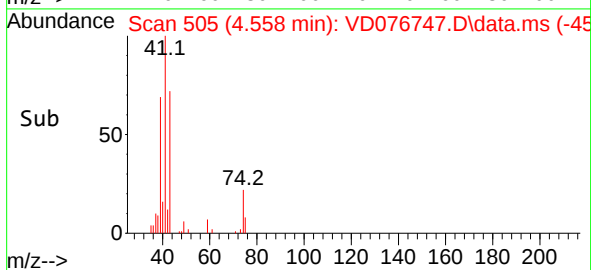
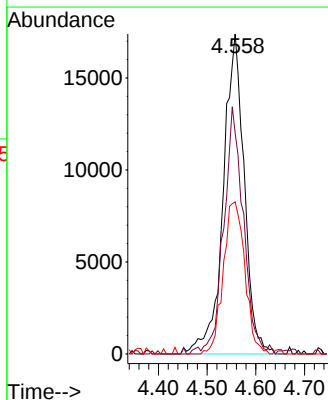
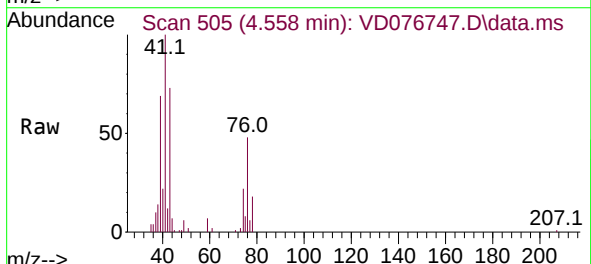
Manual Integrations
APPROVED

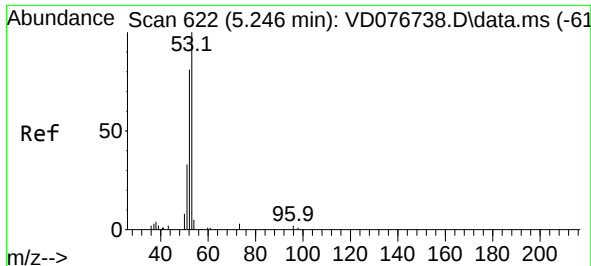
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 19.683 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion: 41 Resp: 52234
Ion Ratio Lower Upper
41 100
39 72.1 53.8 80.6
76 48.7 45.8 68.8





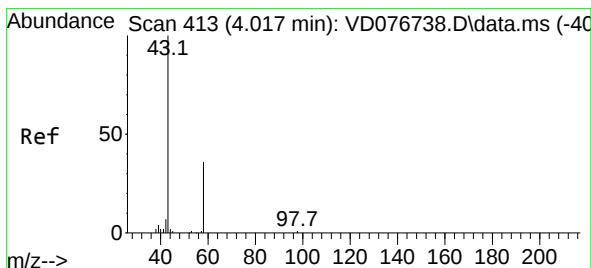
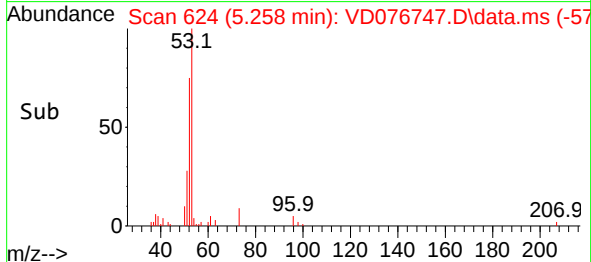
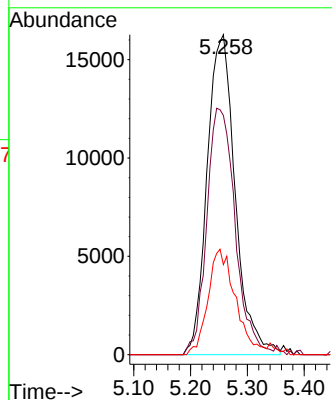
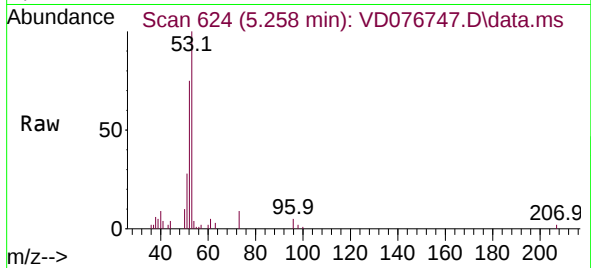
#15
Acrylonitrile
Concen: 100.874 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 53 Resp: 5579
Ion Ratio Lower Upper
53 100
52 77.9 65.0 97.4
51 32.5 28.3 42.5

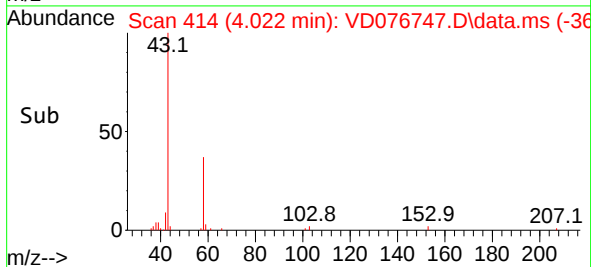
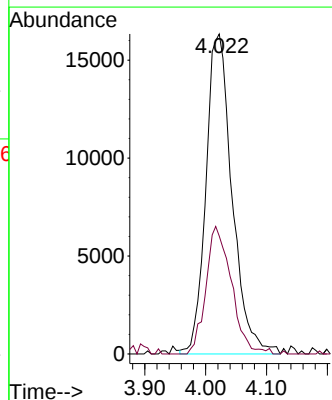
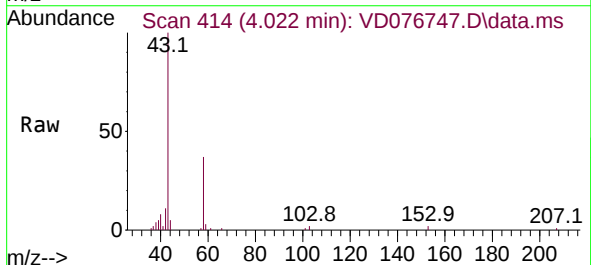
Manual Integrations
APPROVED

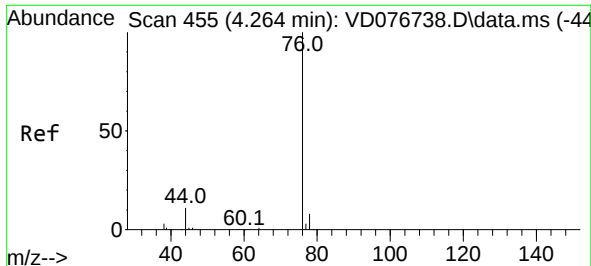
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 100.371 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

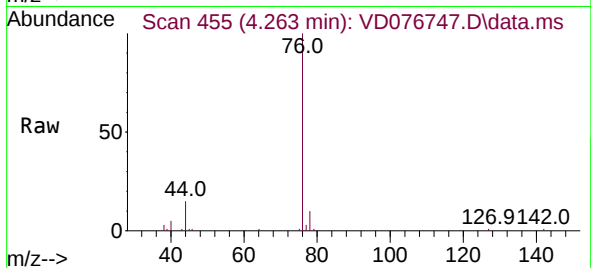
Tgt Ion: 43 Resp: 48810
Ion Ratio Lower Upper
43 100
58 36.9 34.7 52.1





#17
Carbon Disulfide
Concen: 20.540 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

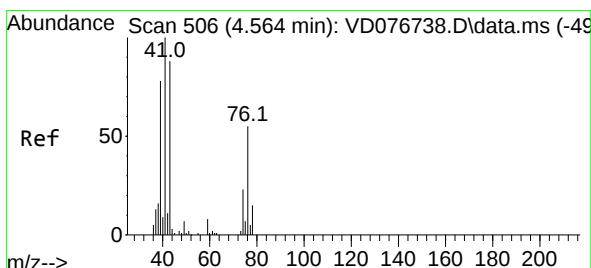
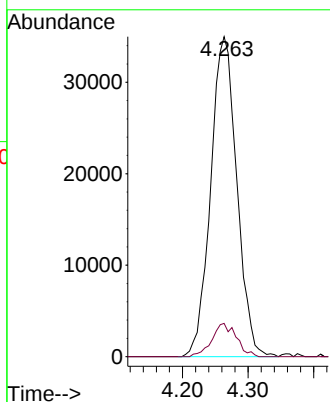
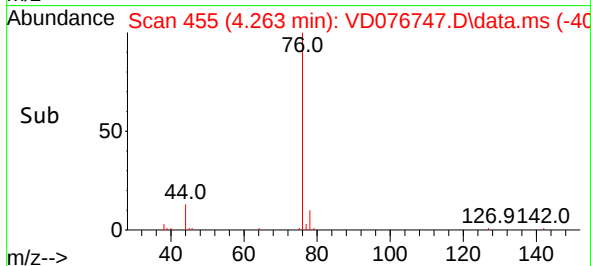
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion: 76 Resp: 9691
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2

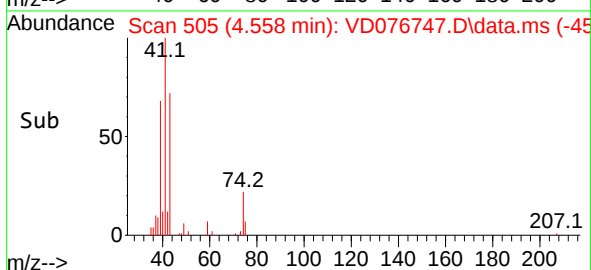
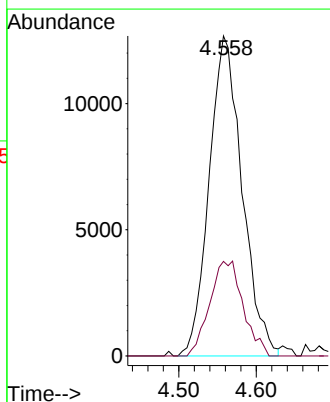
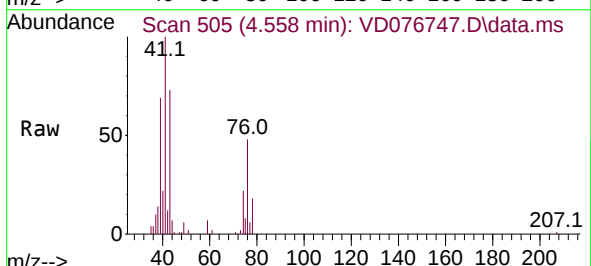
Manual Integrations
APPROVED

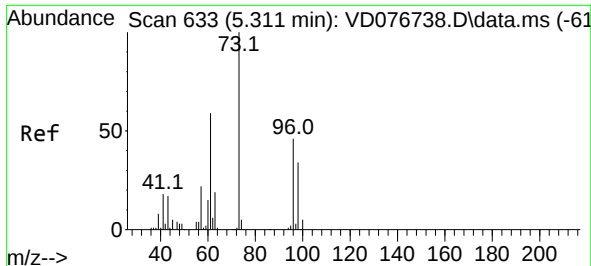
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 20.527 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion: 43 Resp: 37505
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6





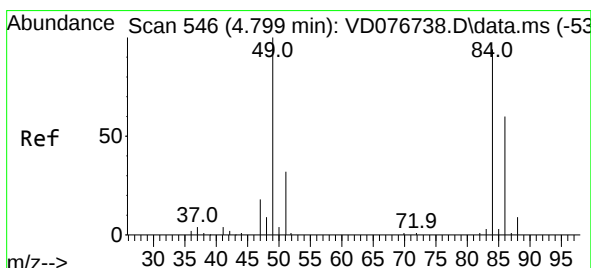
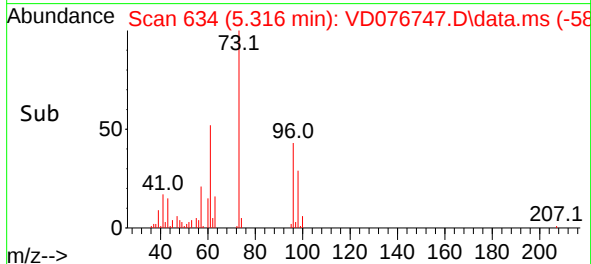
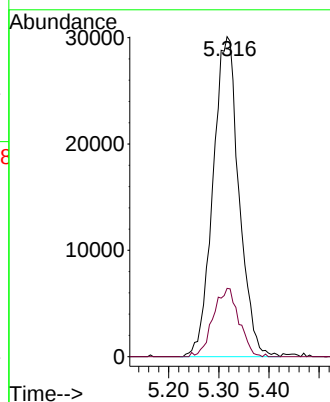
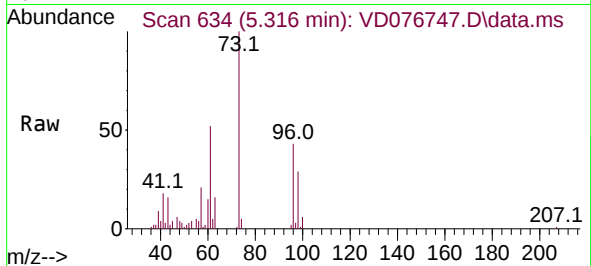
#19
Methyl tert-butyl Ether
Concen: 20.025 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 73 Resp: 10848
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

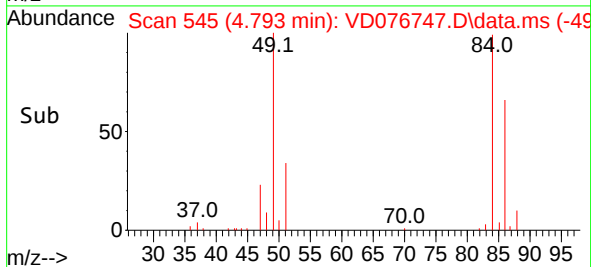
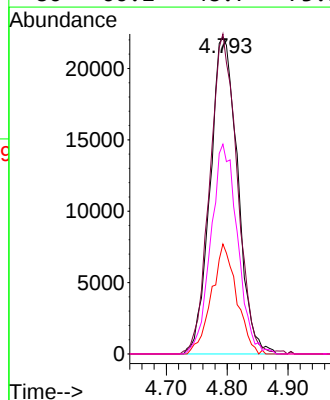
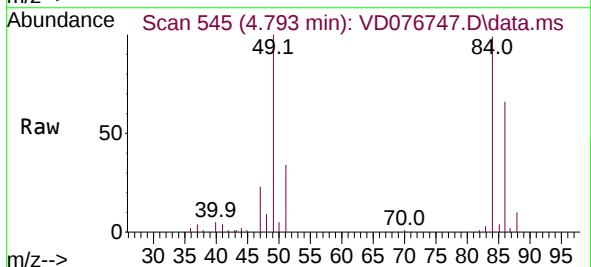
Manual Integrations
APPROVED

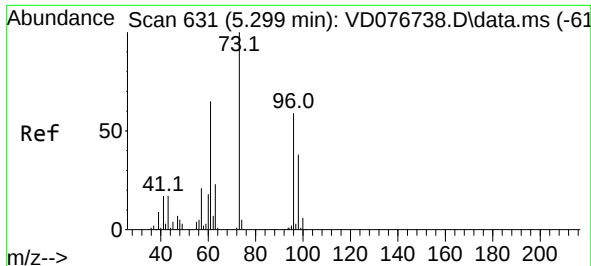
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 17.325 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

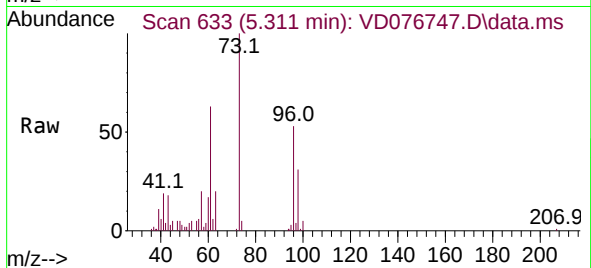
Tgt Ion: 84 Resp: 69658
Ion Ratio Lower Upper
84 100
49 101.0 71.4 107.2
51 34.7 24.5 36.7
86 66.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.153 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.011 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

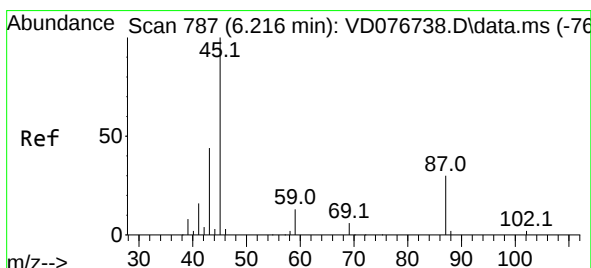
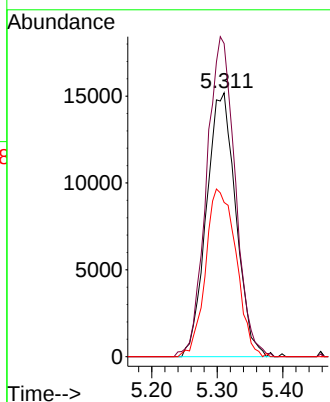
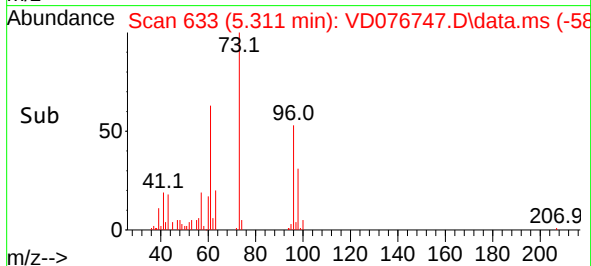
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



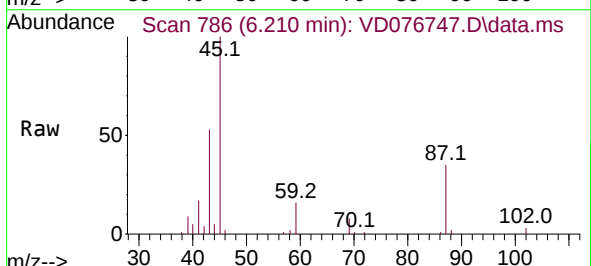
Tgt Ion: 96 Resp: 4732
Ion Ratio Lower Upper
96 100
61 118.7 89.3 133.9
98 58.5 48.6 73.0

Manual Integrations
APPROVED

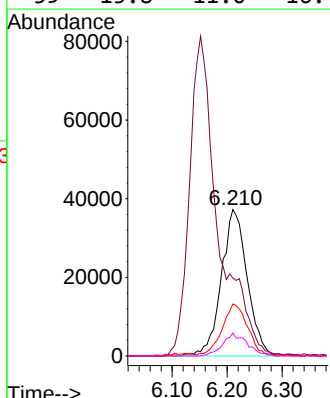
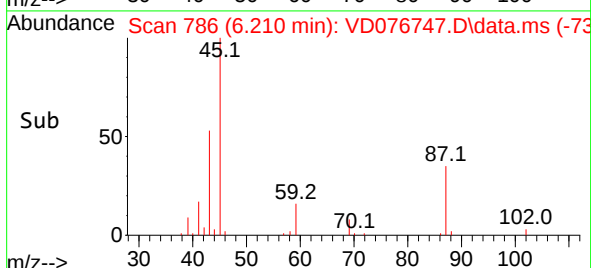
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

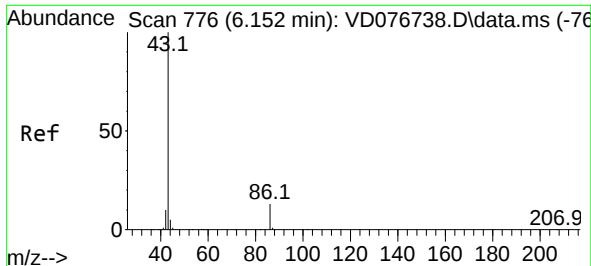


#22
Diisopropyl ether
Concen: 19.360 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



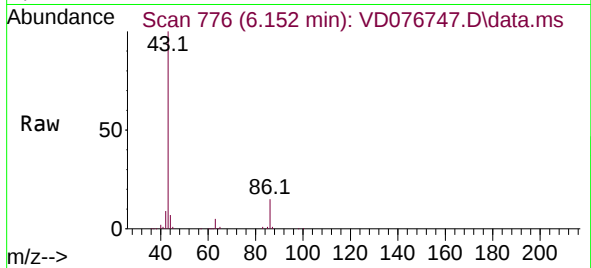
Tgt Ion: 45 Resp: 121659
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 35.5 28.2 42.4
59 15.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 94.567 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46

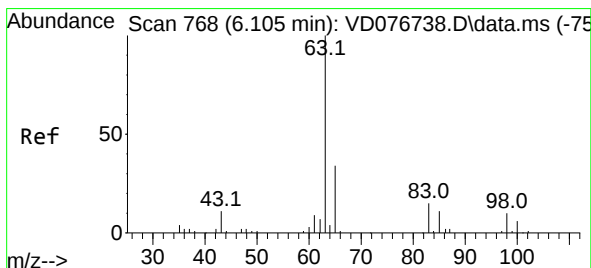
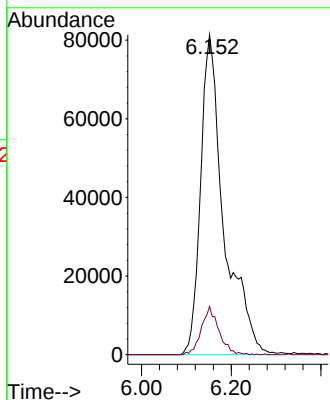
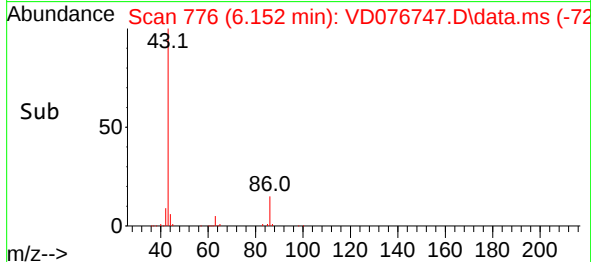
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBS01



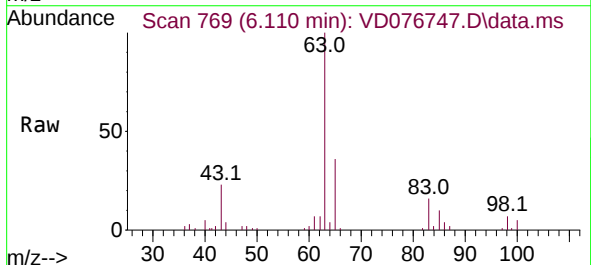
Tgt Ion: 43 Resp: 294034
 Ion Ratio Lower Upper
 43 100
 86 15.0 12.5 18.7

Manual Integrations
 APPROVED

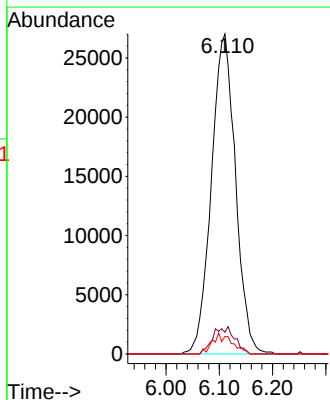
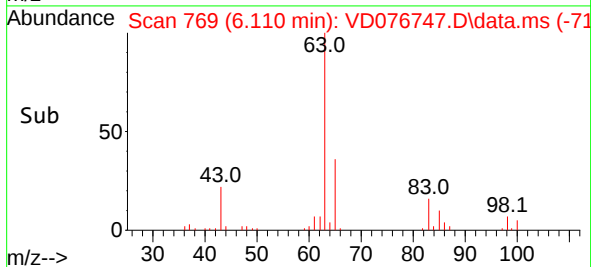
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

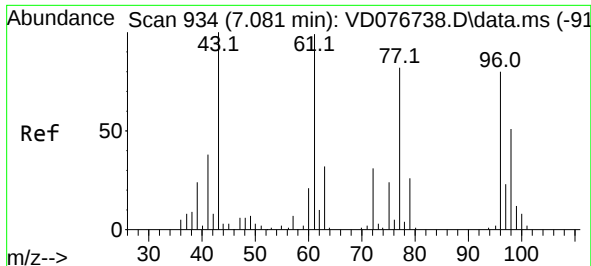


#24
 1,1-Dichloroethane
 Concen: 20.082 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46



Tgt Ion: 63 Resp: 85084
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 104.168 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 43 Resp: 67790

Ion Ratio Lower Upper

43 100

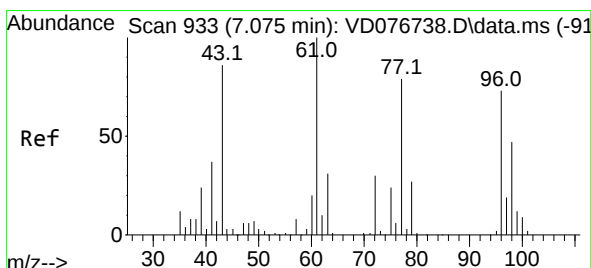
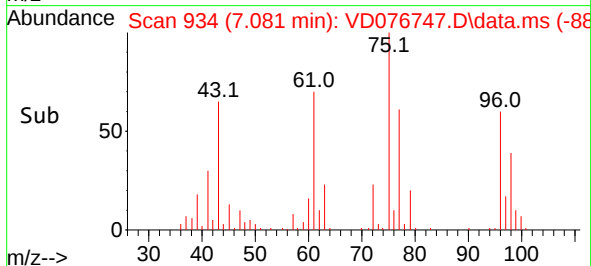
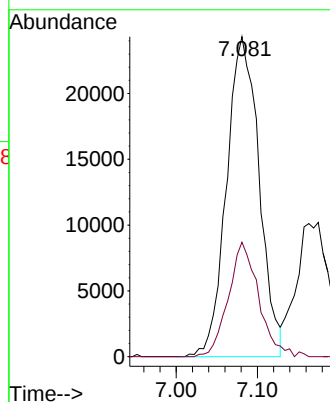
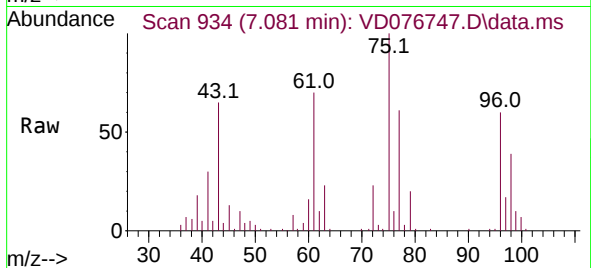
72 35.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#26

2,2-Dichloropropane

Concen: 21.930 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076747.D

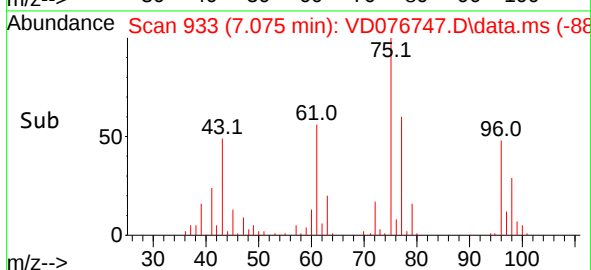
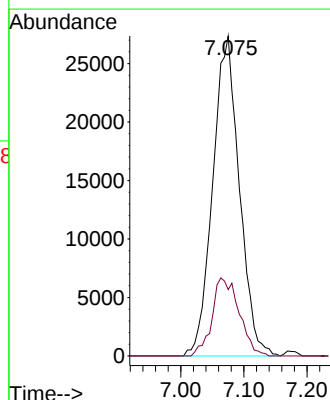
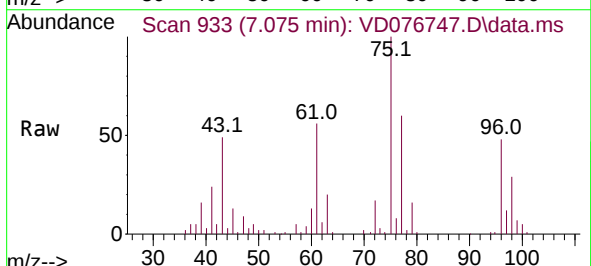
Acq: 17 Jul 2023 11:46

Tgt Ion: 77 Resp: 80096

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 7.081 min Scan# 911

Delta R.T. 0.006 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 96 Resp: 60118

Ion Ratio Lower Upper

96 100

61 127.6 0.0 239.2

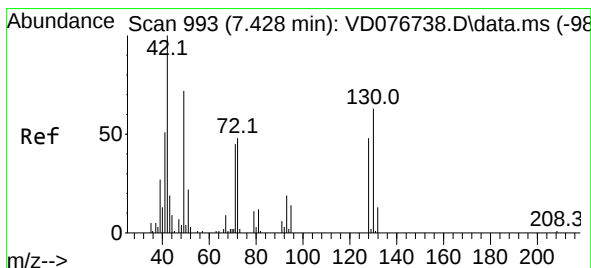
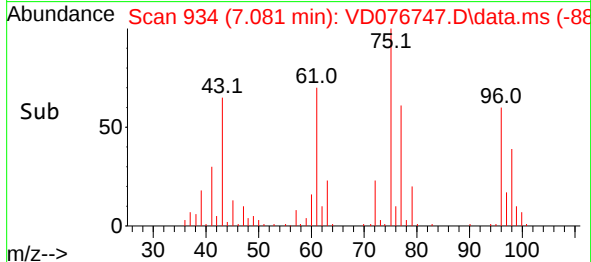
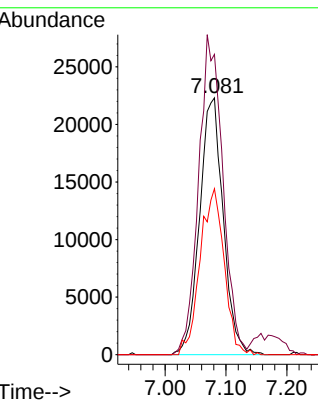
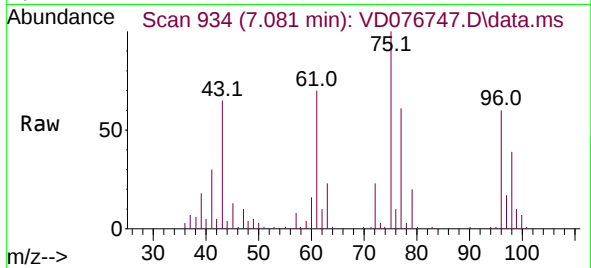
98 66.2 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 23.747 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

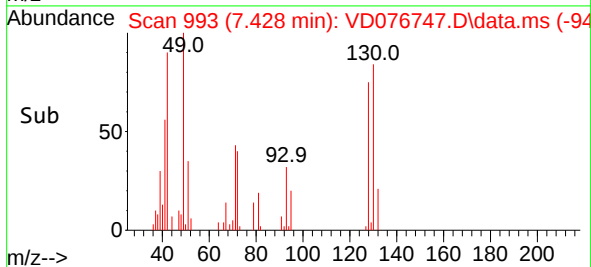
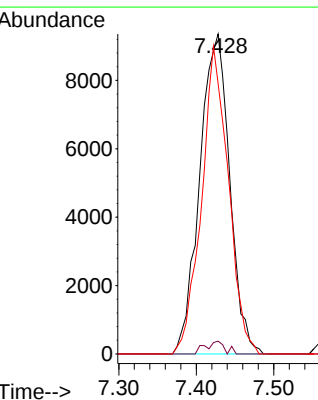
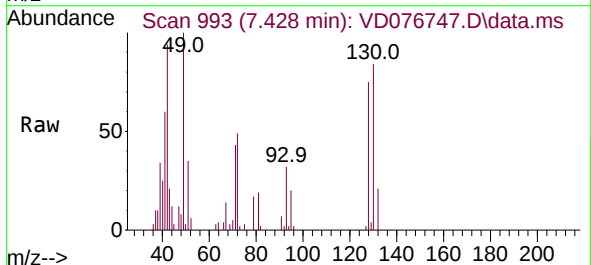
Tgt Ion: 49 Resp: 25155

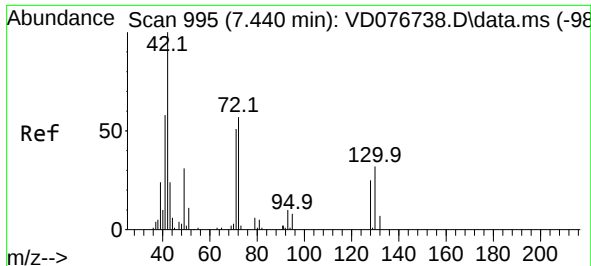
Ion Ratio Lower Upper

49 100

129 2.6 0.0 6.0

130 86.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 98.810 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

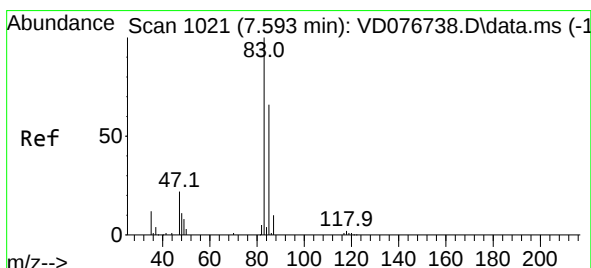
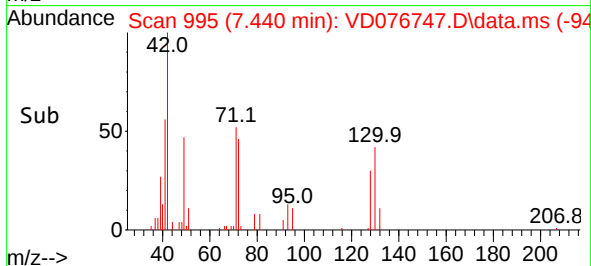
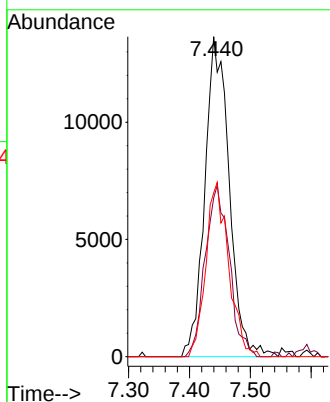
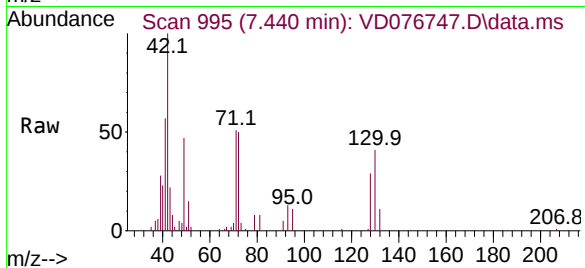
Tgt Ion:	42	Resp:	37990
Ion Ratio	Lower	Upper	
42	100		
72	52.8	46.5	69.7
71	51.0	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 20.616 ug/l

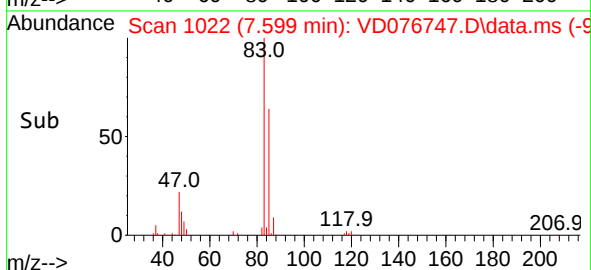
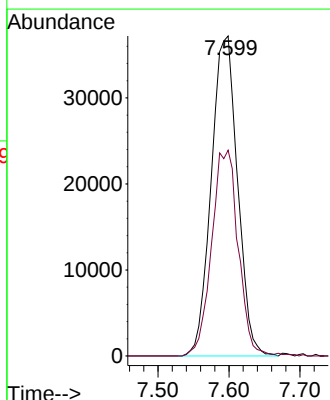
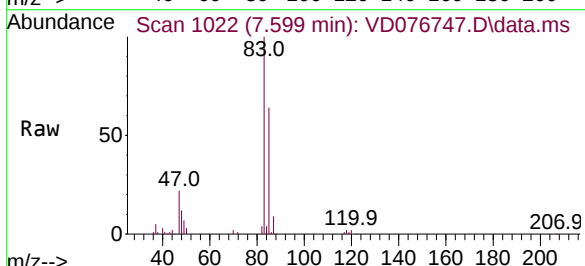
RT: 7.599 min Scan# 1022

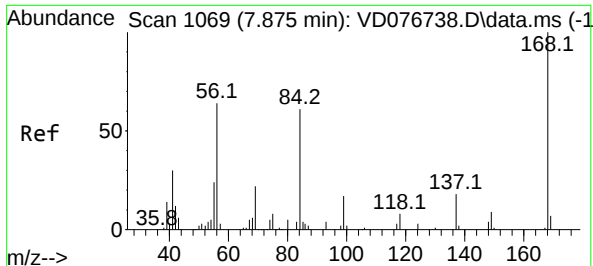
Delta R.T. 0.006 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

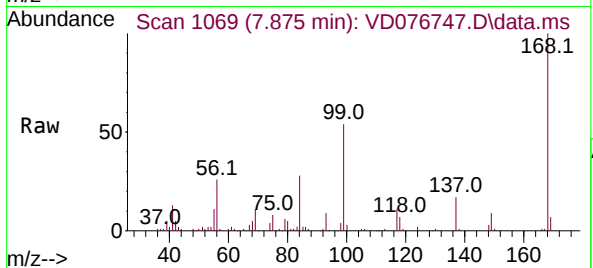
Tgt Ion:	83	Resp:	95671
Ion Ratio	Lower	Upper	
83	100		
85	64.3	53.4	80.2





#31
Cyclohexane
Concen: 20.421 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

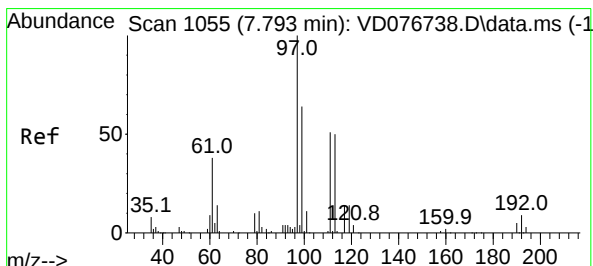
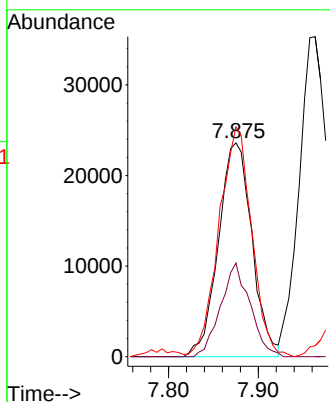
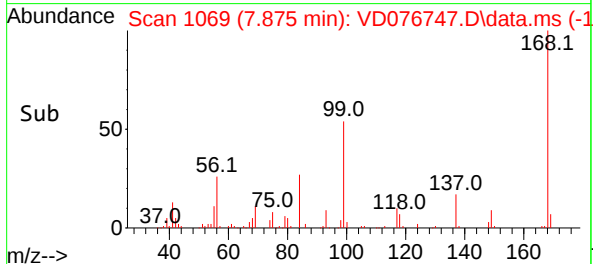
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



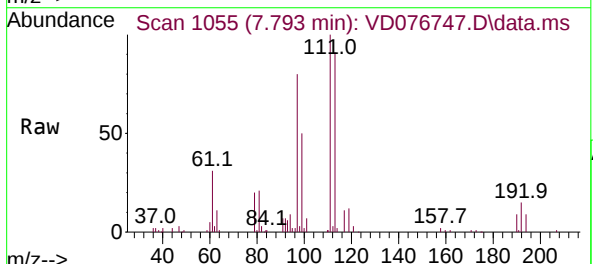
Tgt Ion: 56 Resp: 61194
Ion Ratio Lower Upper
56 100
69 43.8 28.6 43.0
84 105.5 84.8 127.2

Manual Integrations
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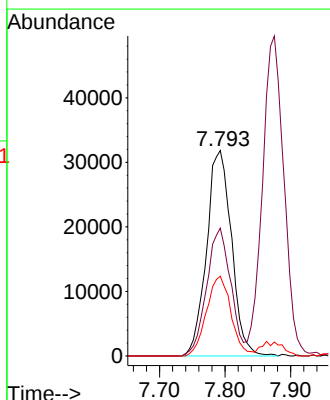
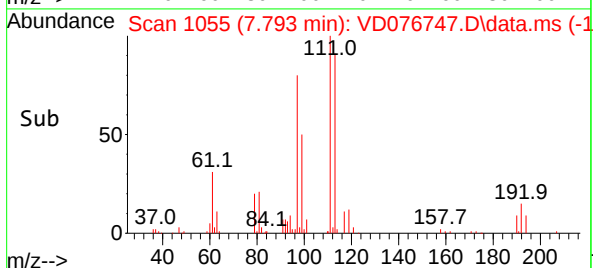
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

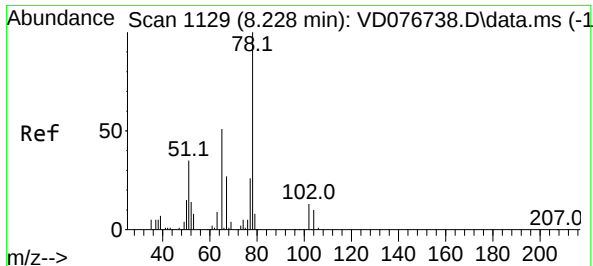


#32
1,1,1-Trichloroethane
Concen: 22.461 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion: 97 Resp: 84098
Ion Ratio Lower Upper
97 100
99 59.8 52.0 78.0
61 38.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.085 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 65 Resp: 99949

Ion Ratio Lower Upper

65 100

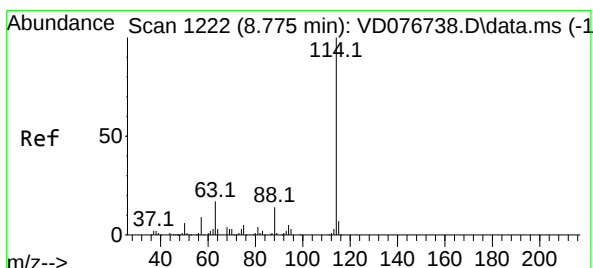
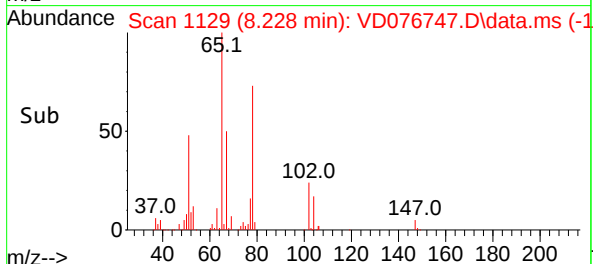
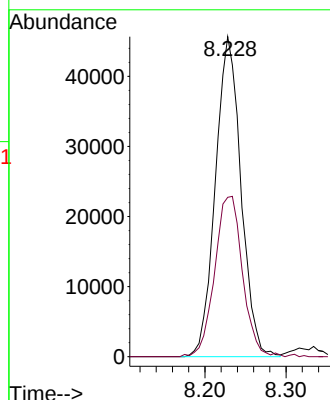
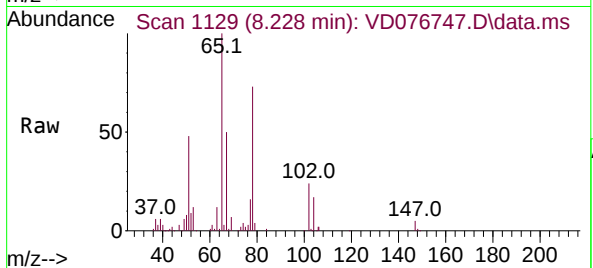
67 54.4 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

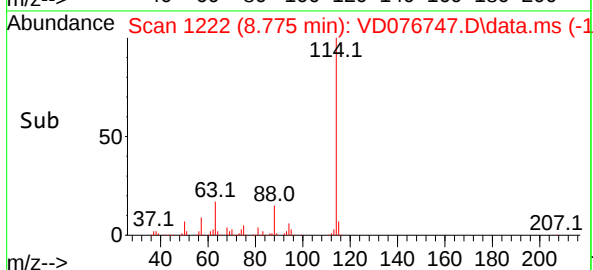
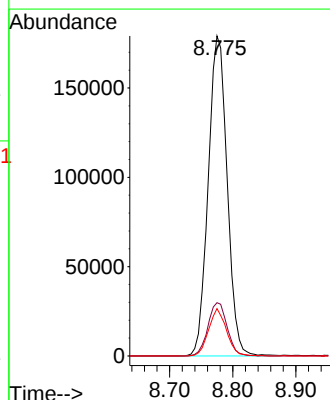
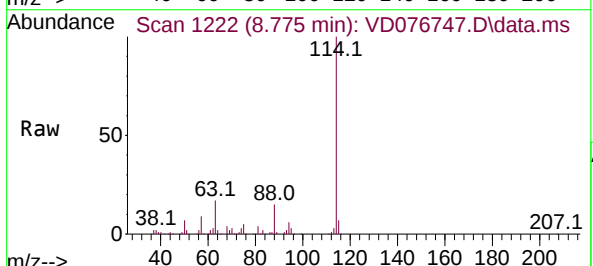
Tgt Ion:114 Resp: 373707

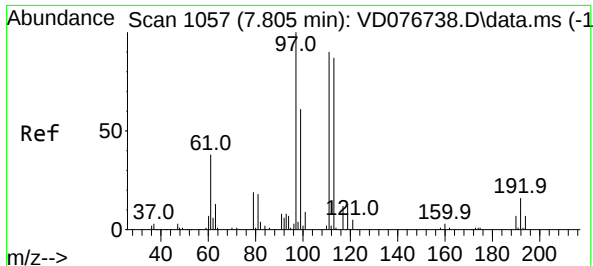
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

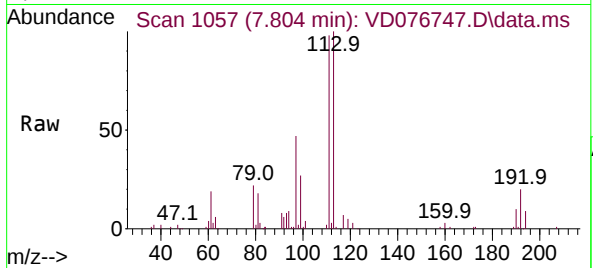
88 14.8 0.0 26.2





#35
Dibromofluoromethane
Concen: 48.966 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

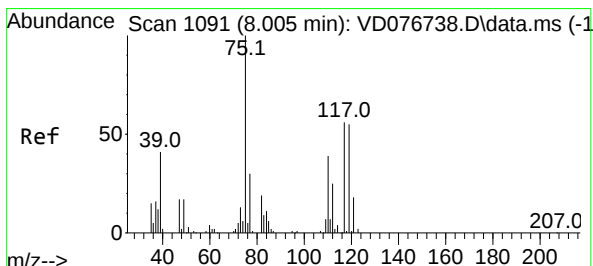
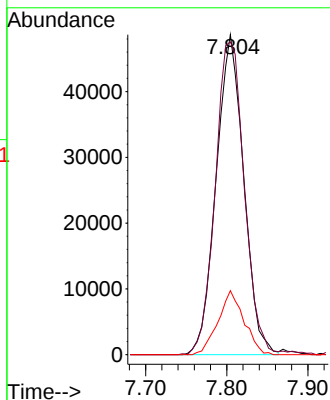
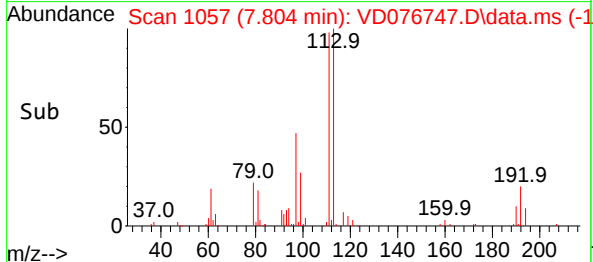
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



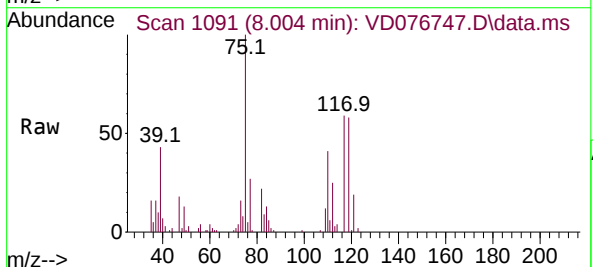
Tgt Ion: 113 Resp: 11499
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 18.8 16.8 25.2

Manual Integrations
APPROVED

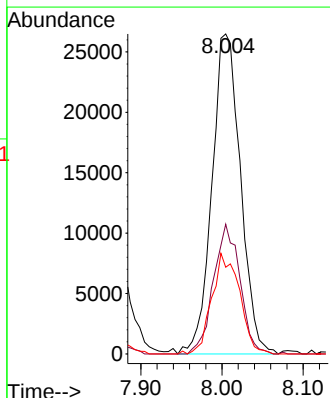
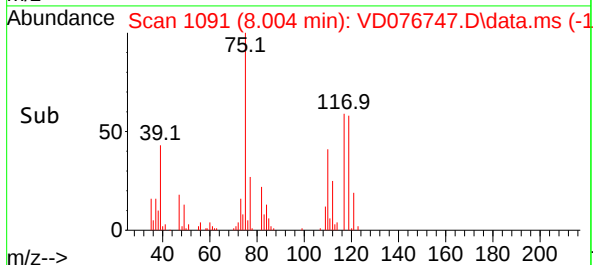
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

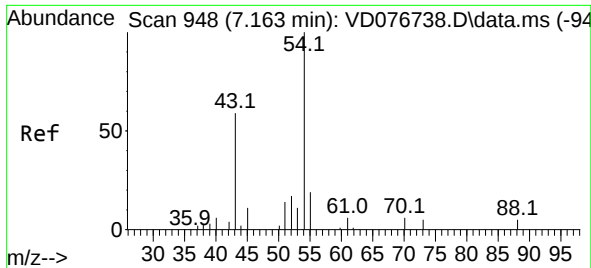


#36
1,1-Dichloropropene
Concen: 21.112 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



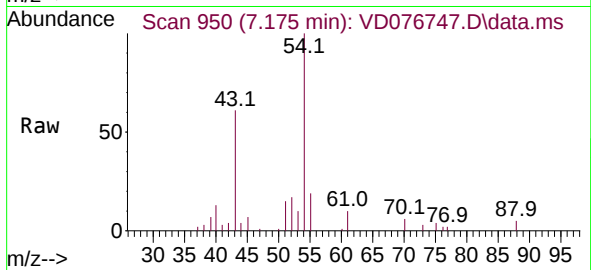
Tgt Ion: 75 Resp: 64787
Ion Ratio Lower Upper
75 100
110 37.5 19.9 59.6
77 30.5 24.7 37.1





#37
Ethyl Acetate
Concen: 18.991 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

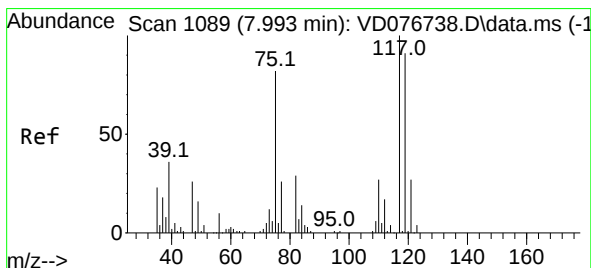
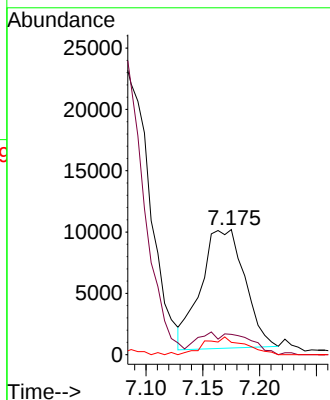
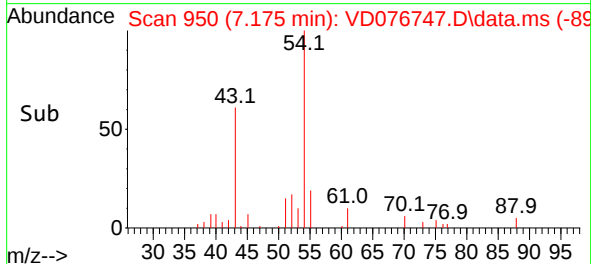
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion: 43 Resp: 26062
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3
70 13.6 10.0 15.0

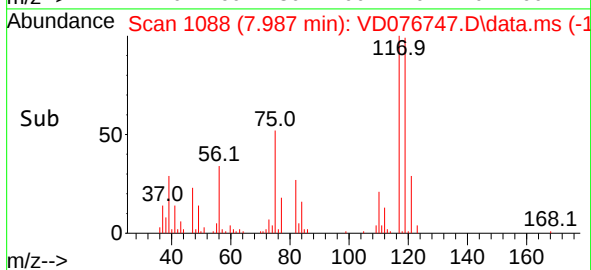
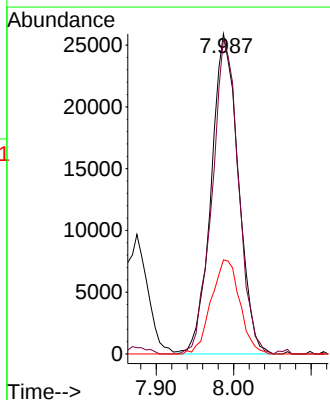
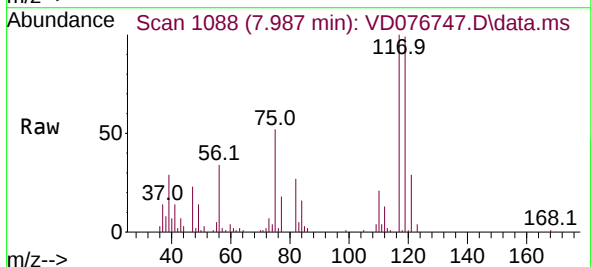
Manual Integrations
APPROVED

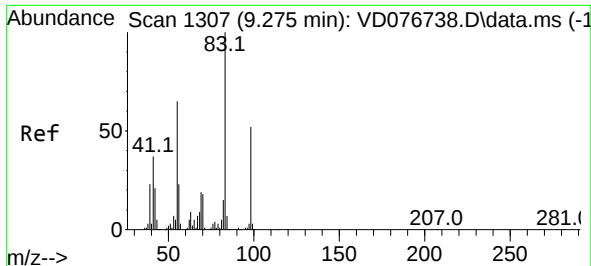
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 21.449 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion:117 Resp: 63025
Ion Ratio Lower Upper
117 100
119 98.6 78.0 117.0
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 20.792 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

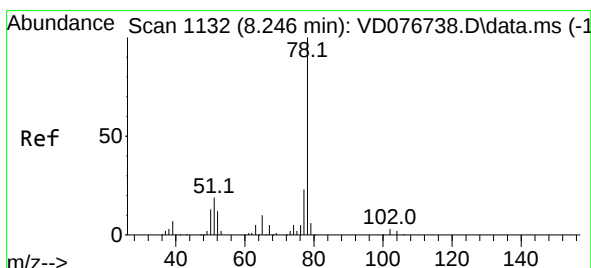
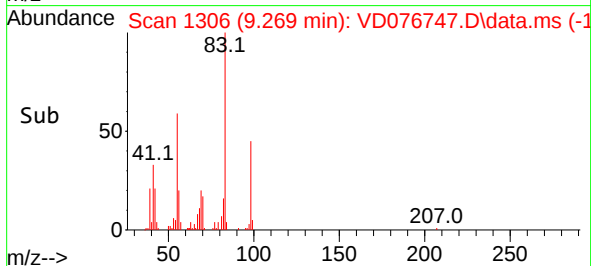
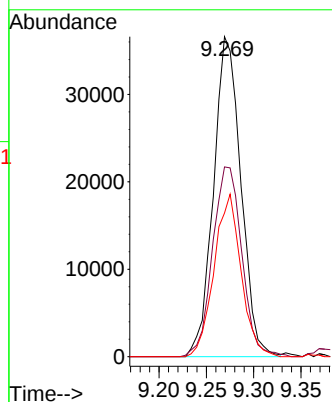
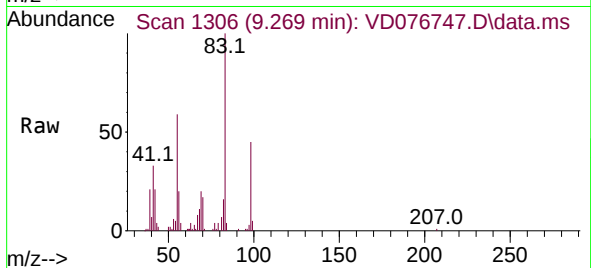
Tgt Ion:	83	Resp:	73672
Ion	Ratio	Lower	Upper
83	100		
55	59.3	49.4	74.0
98	44.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 20.584 ug/l

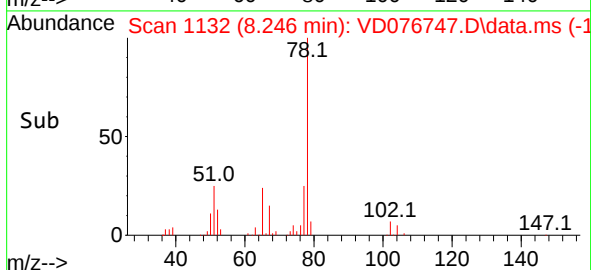
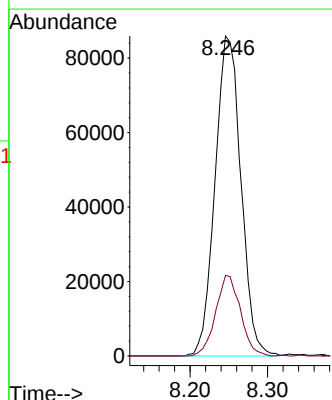
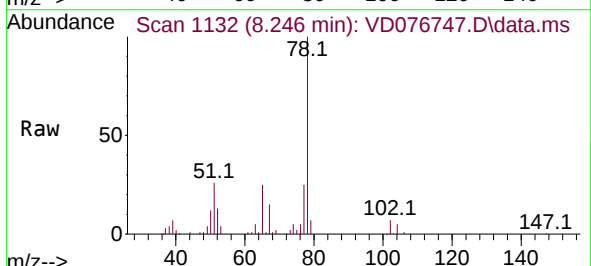
RT: 8.246 min Scan# 1132

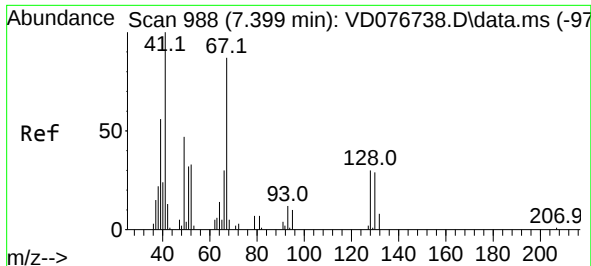
Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

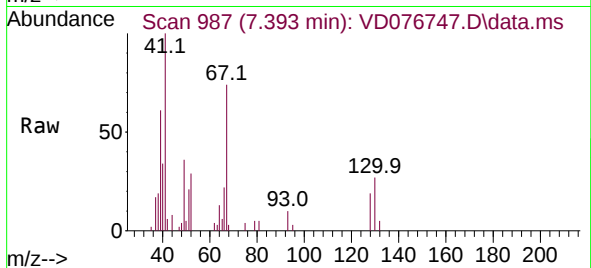
Tgt Ion:	78	Resp:	199308
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.4	29.0





#41
Methacrylonitrile
Concen: 18.944 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

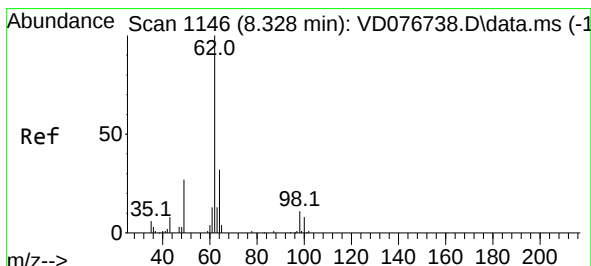
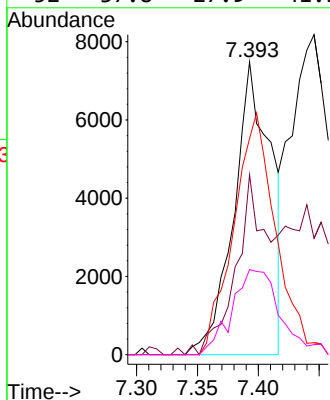
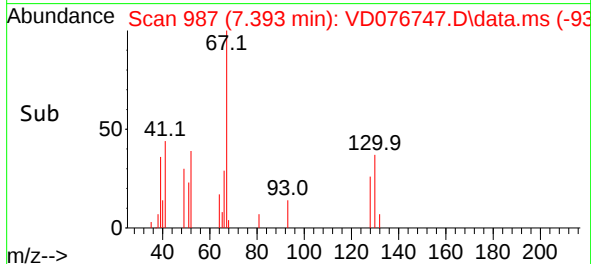
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion: 41 Resp: 15870
Ion Ratio Lower Upper
41 100
39 49.2 34.0 51.0
67 93.9 77.0 115.4
52 37.8 27.9 41.9

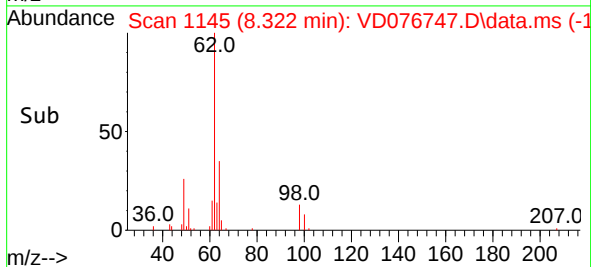
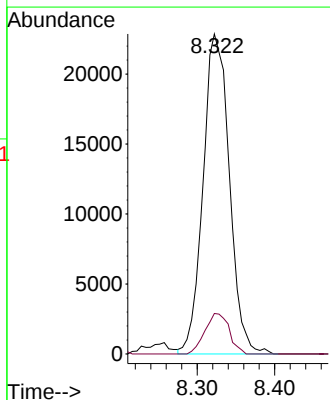
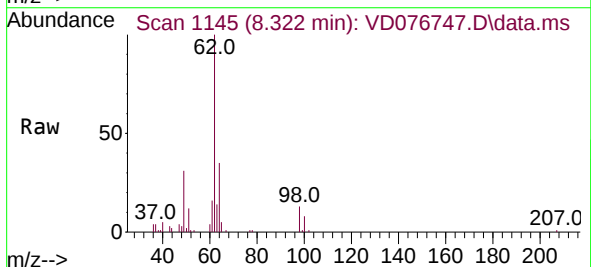
Manual Integrations
APPROVED

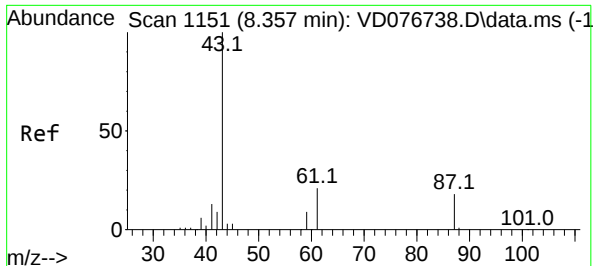
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 21.432 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion: 62 Resp: 53918
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43

Isopropyl Acetate

Concen: 19.495 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 43 Resp: 52214

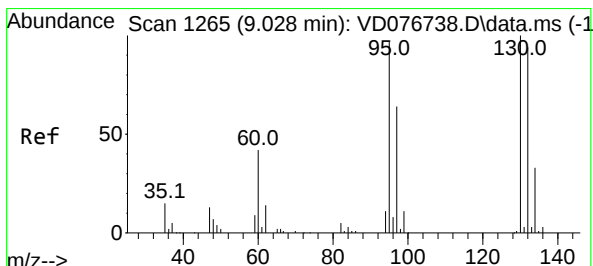
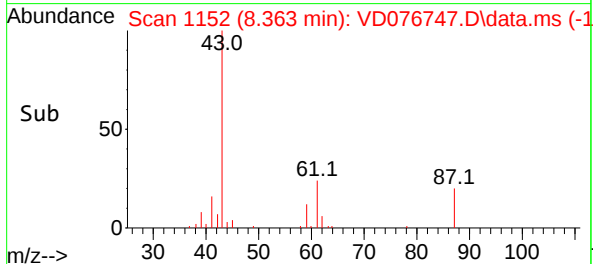
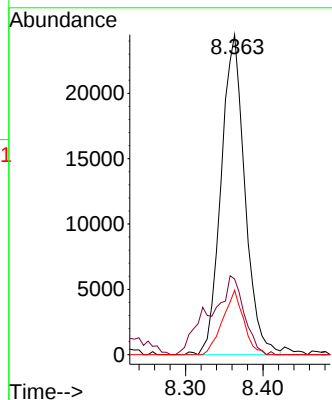
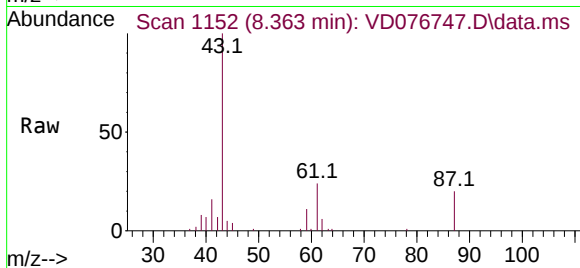
Ion	Ratio	Lower	Upper
43	100		
61	35.5	31.4	47.0
87	17.8	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#44

Trichloroethene

Concen: 21.128 ug/l

RT: 9.022 min Scan# 1264

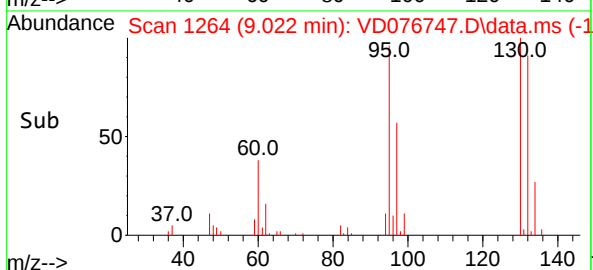
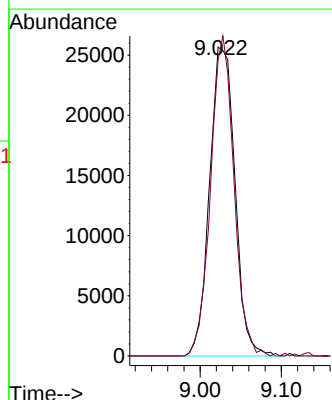
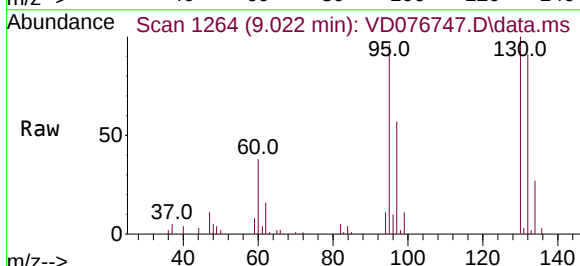
Delta R.T. -0.006 min

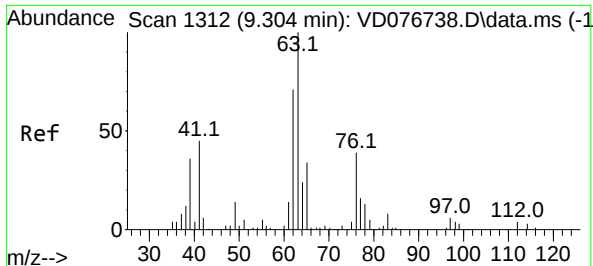
Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Tgt Ion:130 Resp: 55747

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.706 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 63 Resp: 51752

Ion Ratio Lower Upper

63 100

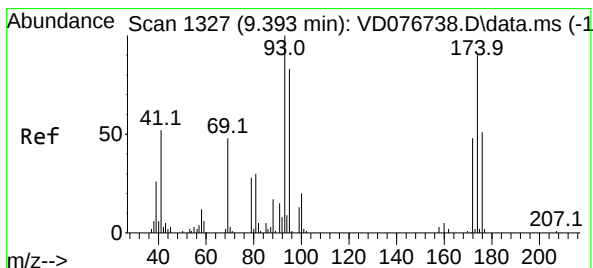
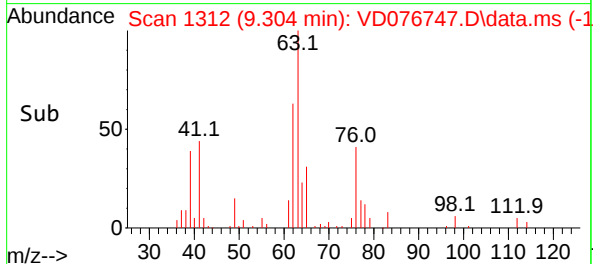
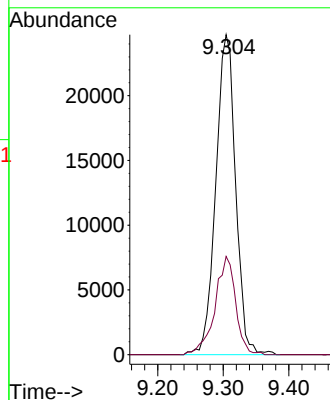
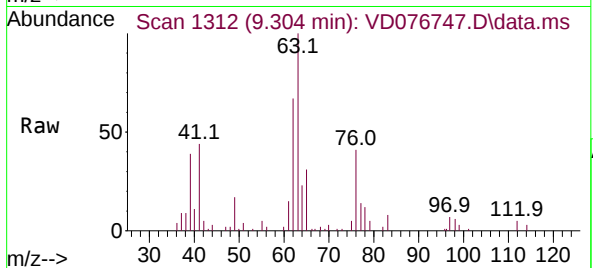
65 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 20.360 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

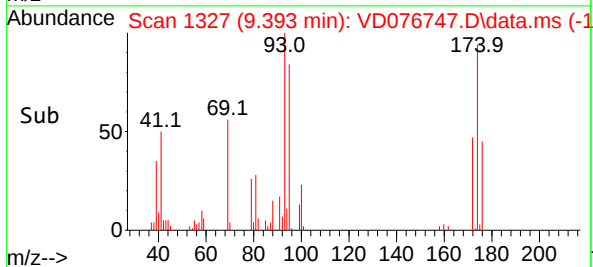
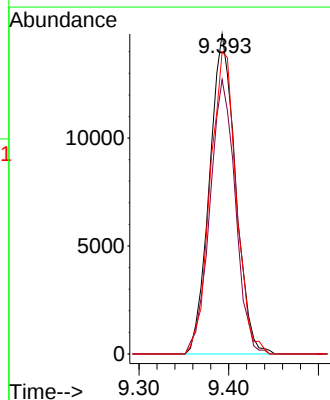
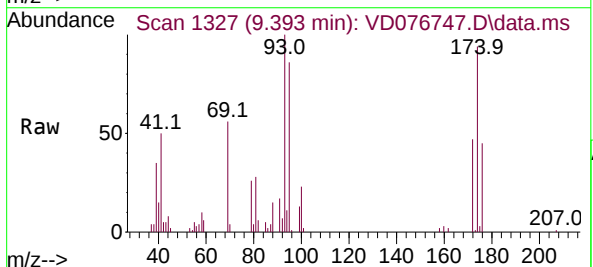
Tgt Ion: 93 Resp: 29787

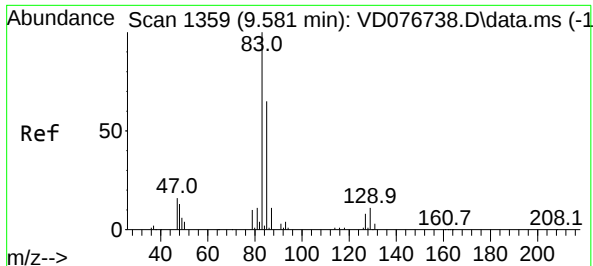
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 94.9 85.4 128.2





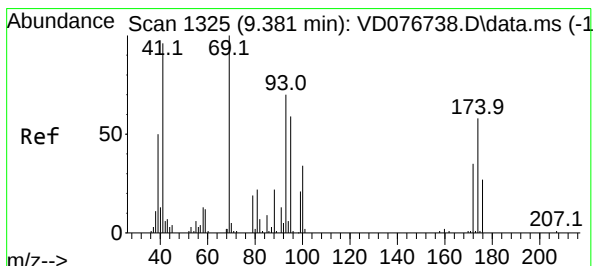
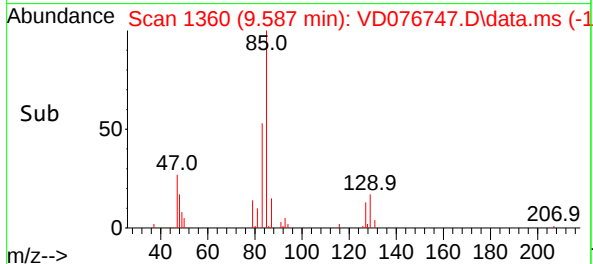
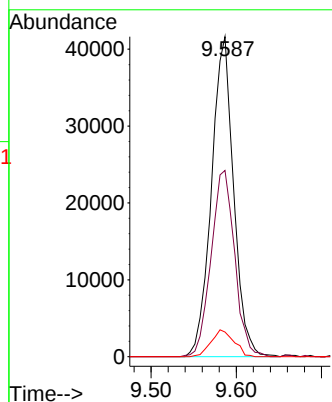
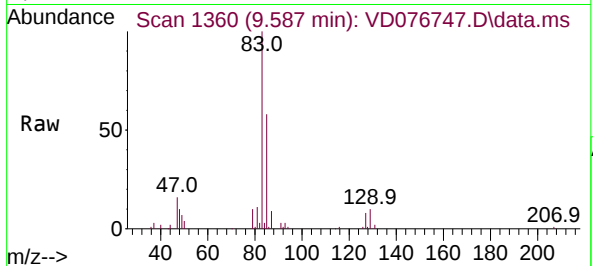
#47
Bromodichloromethane
Concen: 20.541 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 83 Resp: 75414
Ion Ratio Lower Upper
83 100
85 58.2 50.2 75.4
127 7.7 6.3 9.5

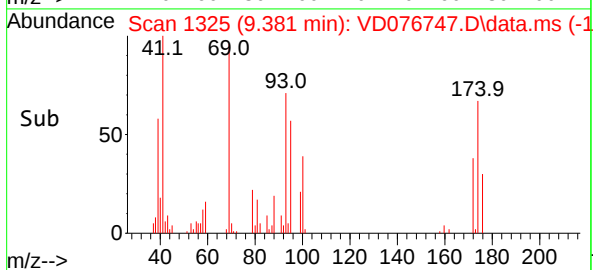
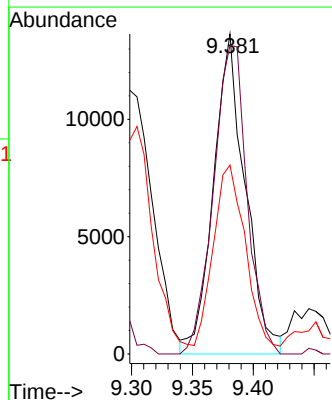
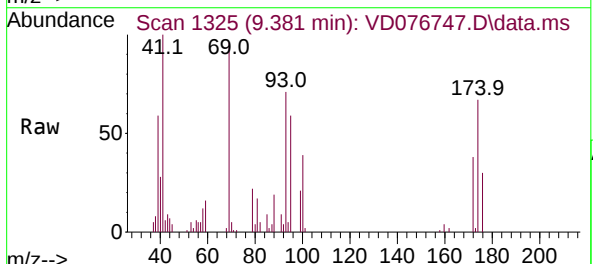
Manual Integrations
APPROVED

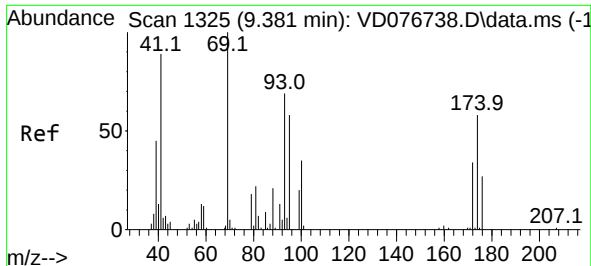
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 20.255 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

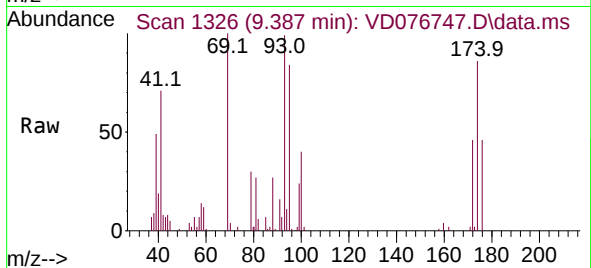
Tgt Ion: 41 Resp: 24691
Ion Ratio Lower Upper
41 100
69 102.4 102.2 153.2
39 61.5 41.4 62.2





#49
1,4-Dioxane
Concen: 385.666 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

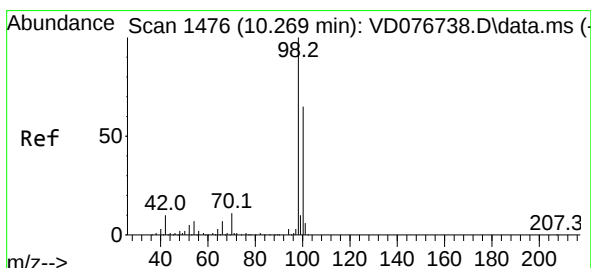
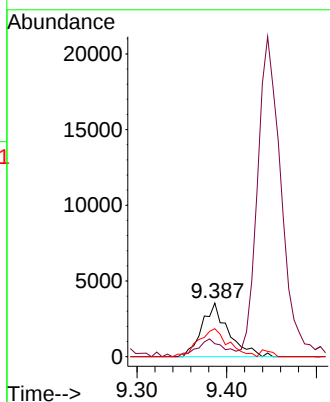
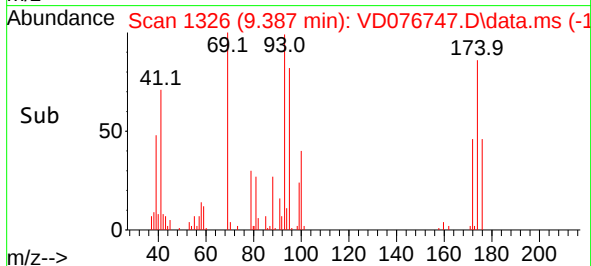
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



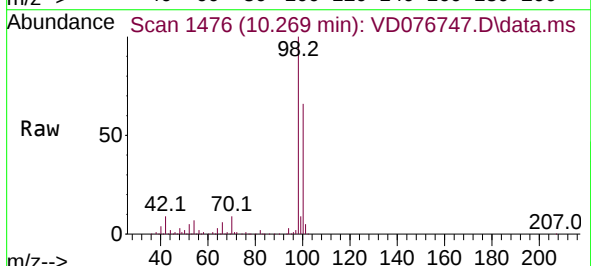
Tgt Ion: 88 Resp: 7229
Ion Ratio Lower Upper
88 100
43 32.6 19.0 28.6
58 58.2 43.5 65.3

Manual Integrations
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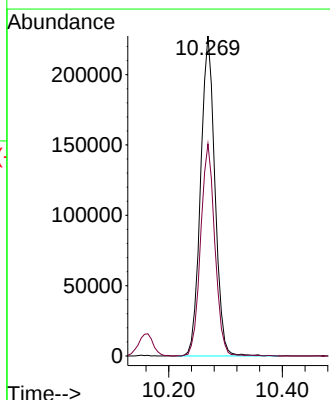
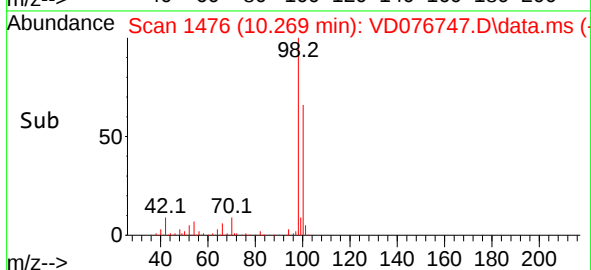
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

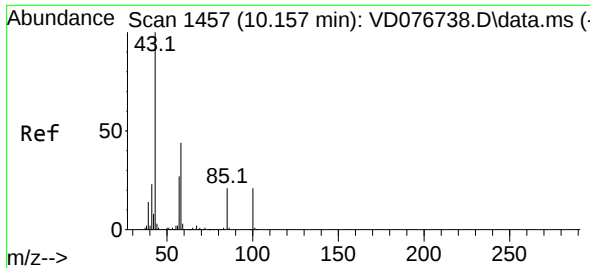


#50
Toluene-d8
Concen: 47.281 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



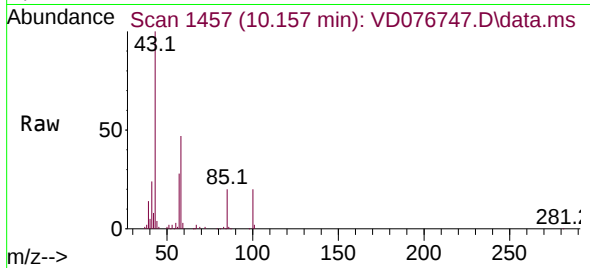
Tgt Ion: 98 Resp: 397213
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 99.934 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

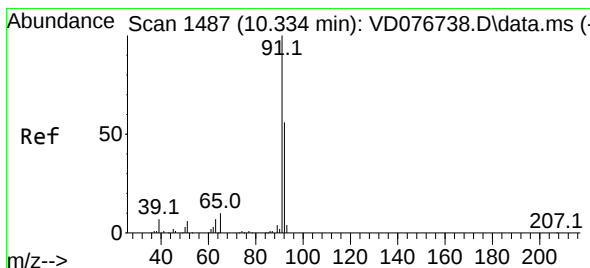
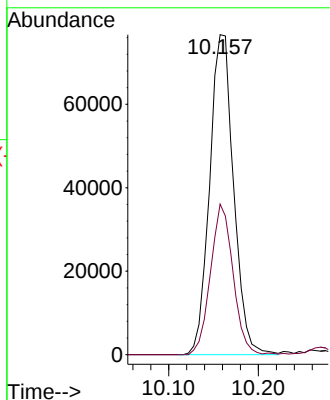
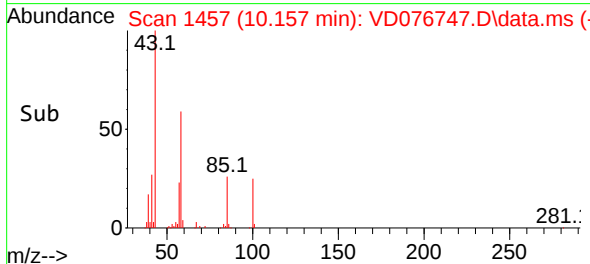
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



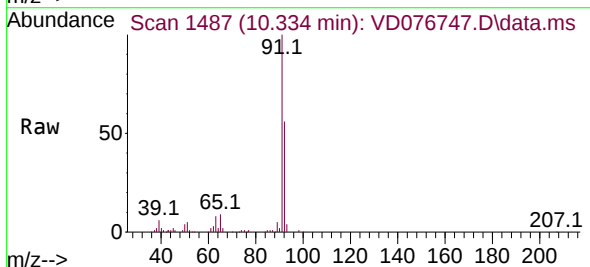
Tgt Ion: 43 Resp: 14250
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3

Manual Integrations
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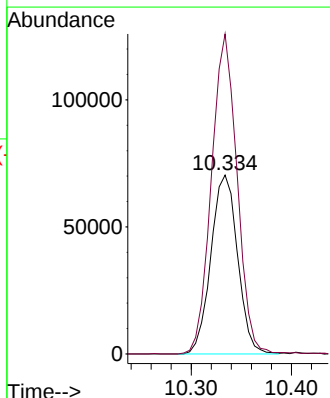
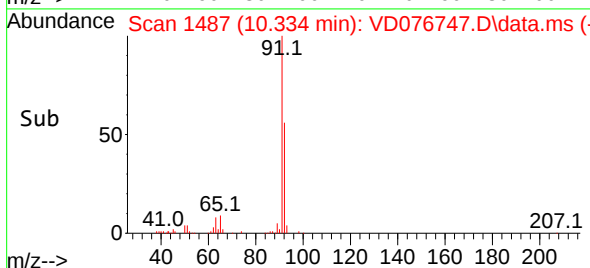
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 20.445 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion: 92 Resp: 130018
Ion Ratio Lower Upper
92 100
91 172.8 143.0 214.4





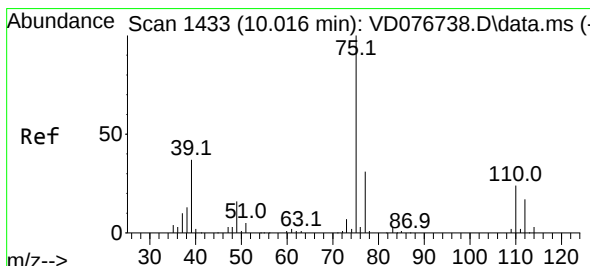
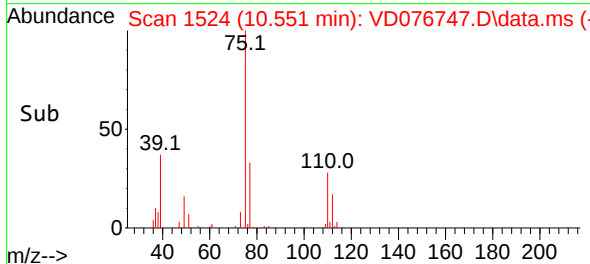
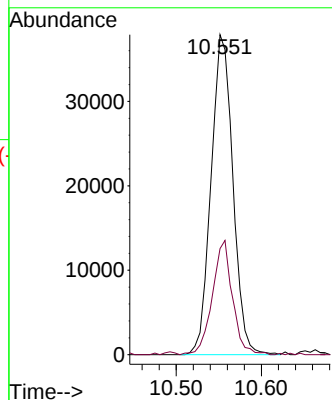
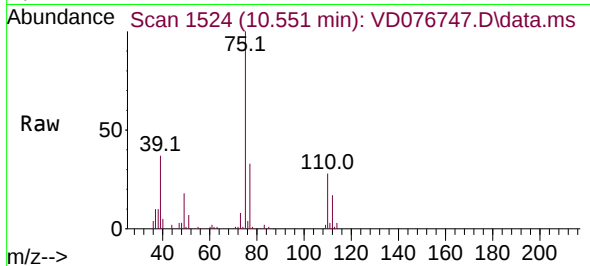
#53
t-1,3-Dichloropropene
Concen: 19.803 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 75 Resp: 67484
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9

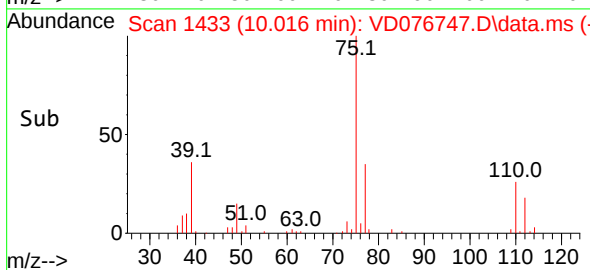
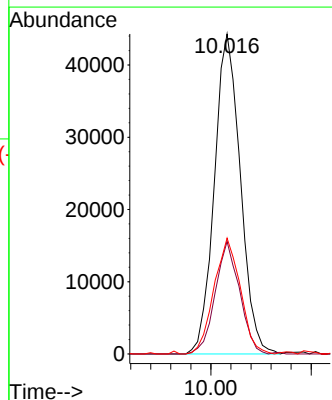
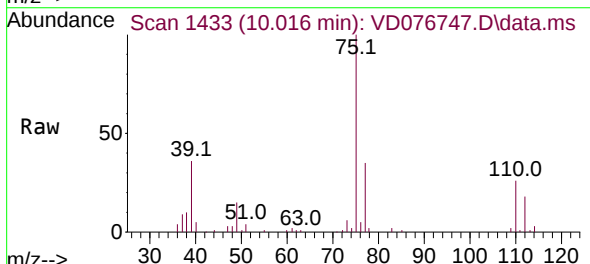
Manual Integrations
APPROVED

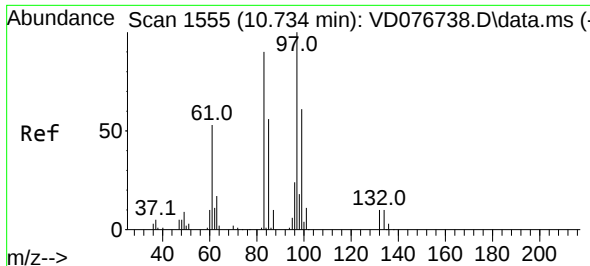
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 19.841 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

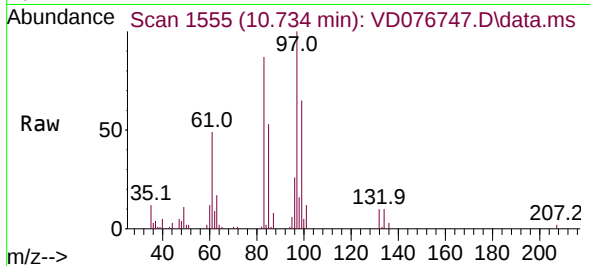
Tgt Ion: 75 Resp: 79685
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3
39 36.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.995 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

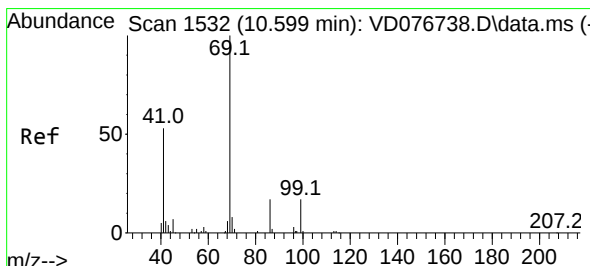
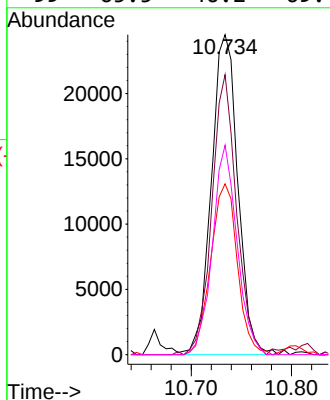
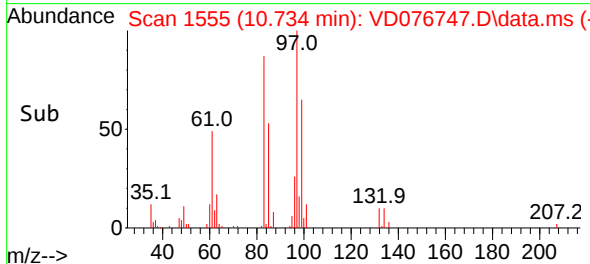
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



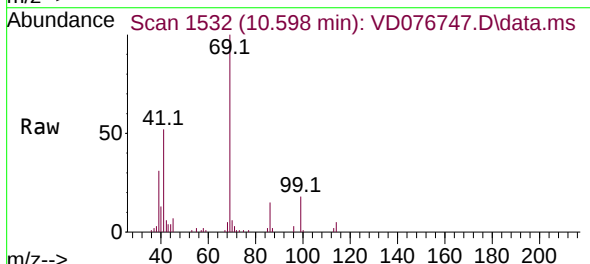
Tgt Ion:	97	Resp:	4485
Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.8	98.6
85	53.4	45.7	68.5
99	65.5	46.2	69.4

Manual Integrations
APPROVED

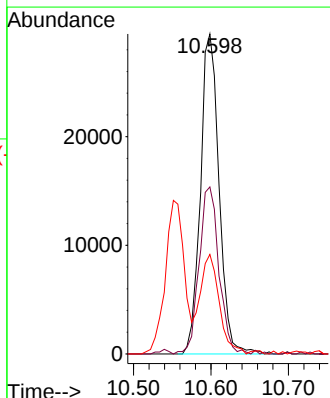
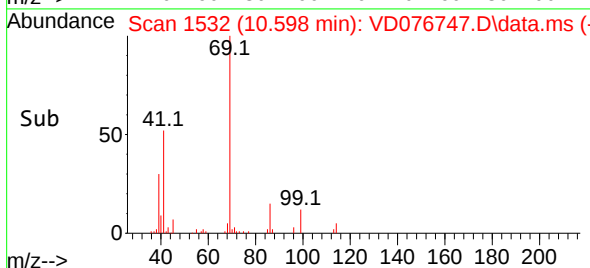
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

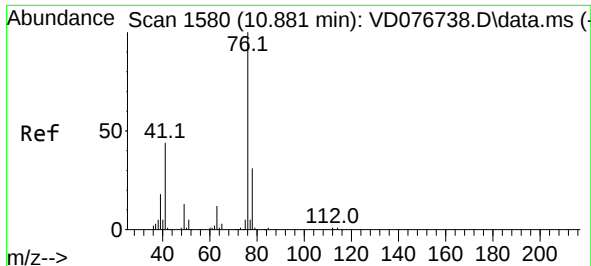


#56
Ethyl methacrylate
Concen: 19.940 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion:	69	Resp:	49168
Ion	Ratio	Lower	Upper
69	100		
41	55.4	39.1	58.7
39	32.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.707 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion: 76 Resp: 68564

Ion Ratio Lower Upper

76 100

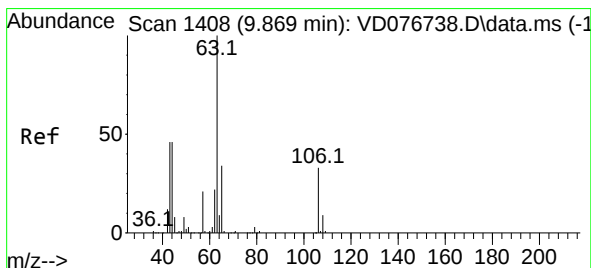
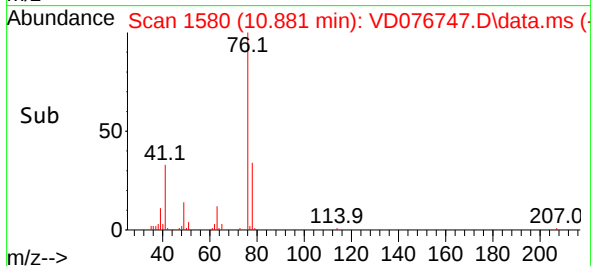
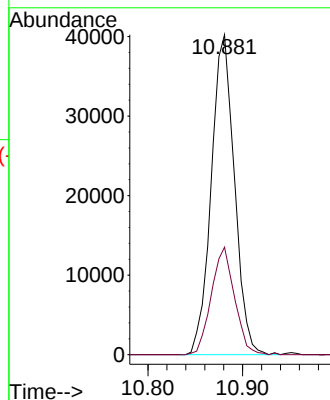
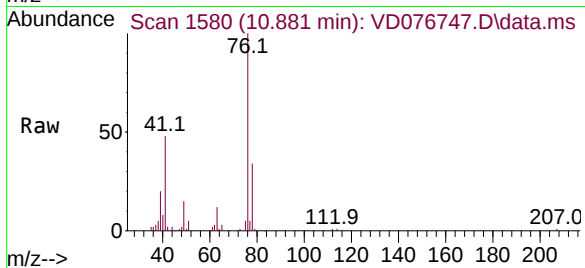
78 33.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.934 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076747.D

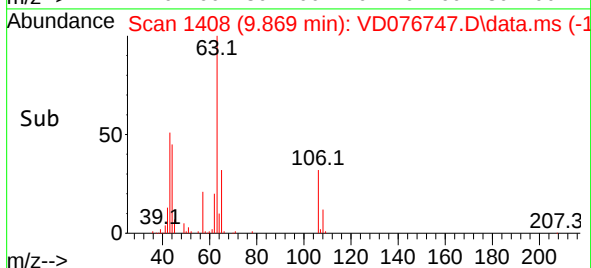
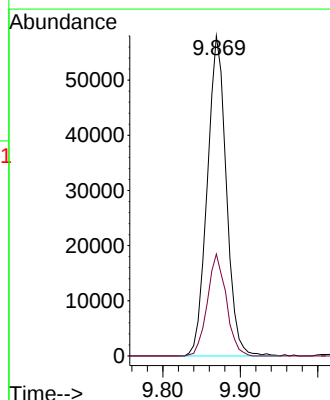
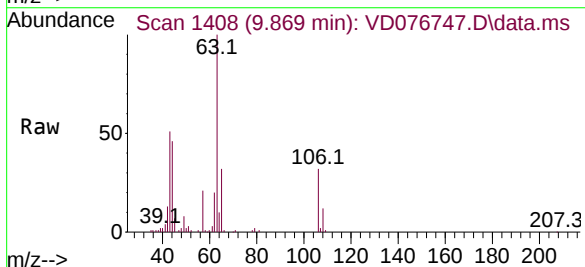
Acq: 17 Jul 2023 11:46

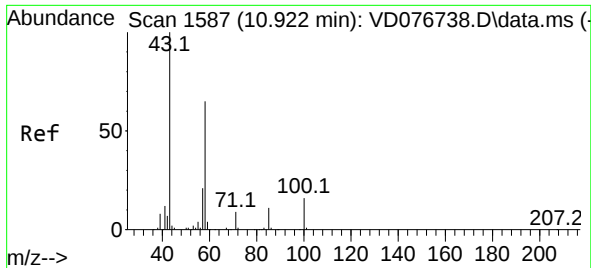
Tgt Ion: 63 Resp: 99200

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9





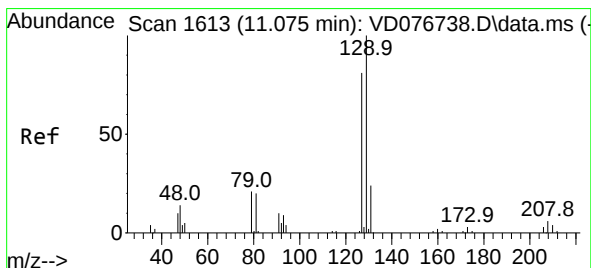
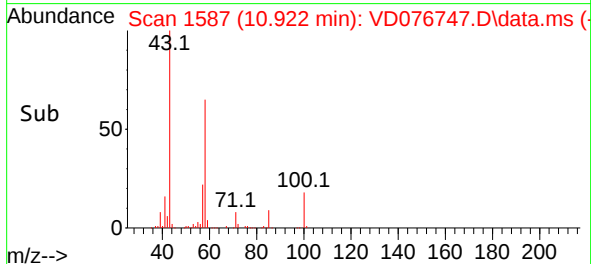
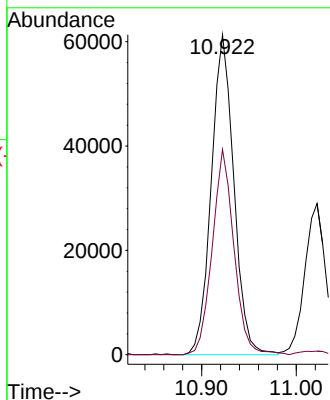
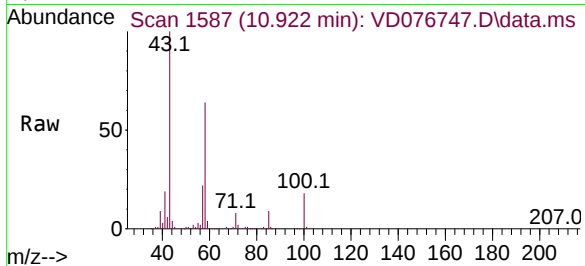
#59
2-Hexanone
Concen: 99.608 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 43 Resp: 10135
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2

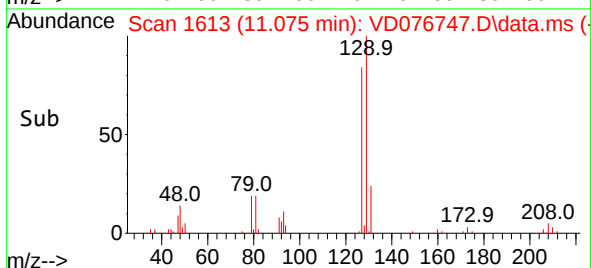
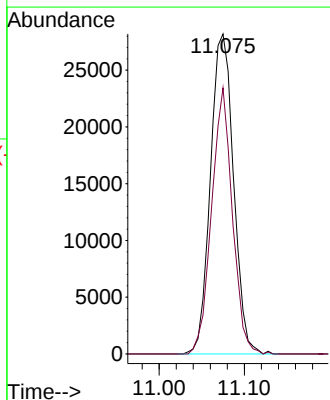
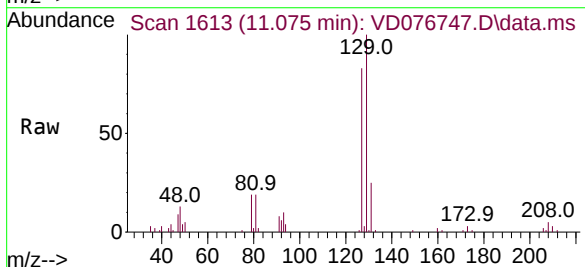
Manual Integrations
APPROVED

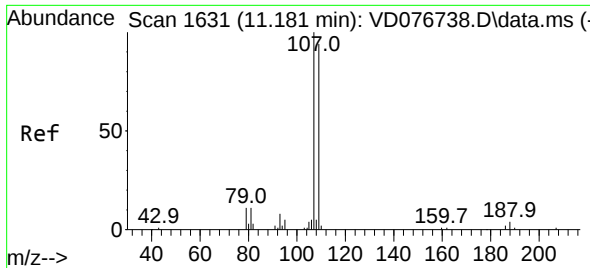
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 21.387 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

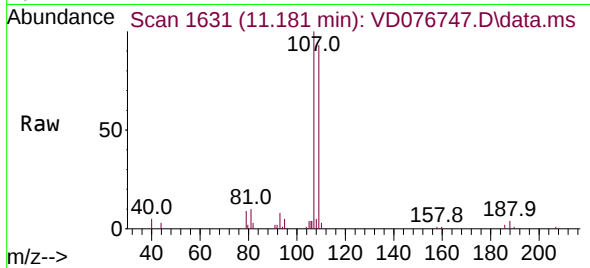
Tgt Ion:129 Resp: 53079
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.571 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

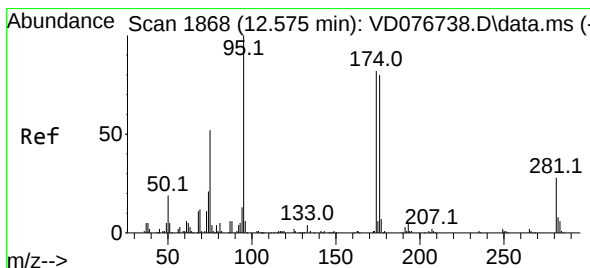
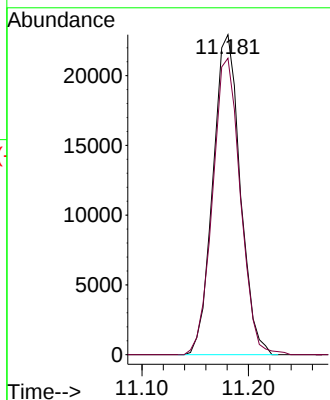
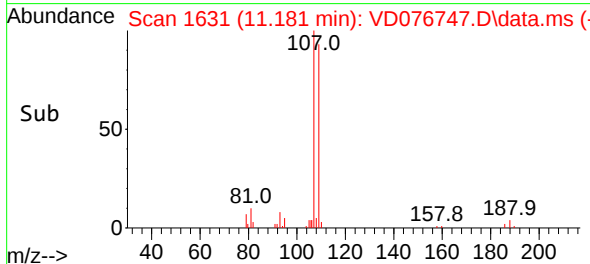
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



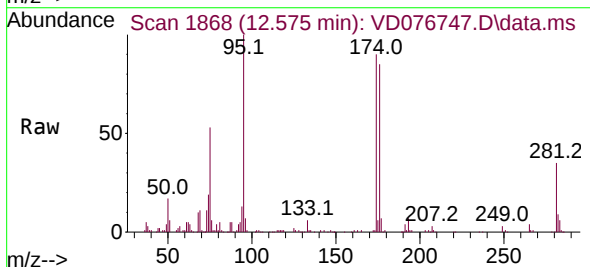
Tgt Ion:107 Resp: 40745
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

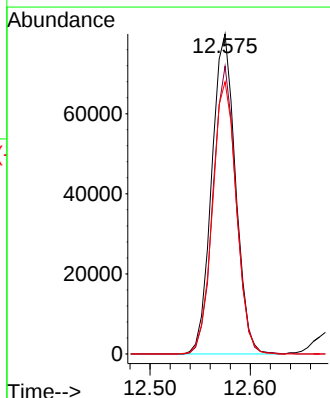
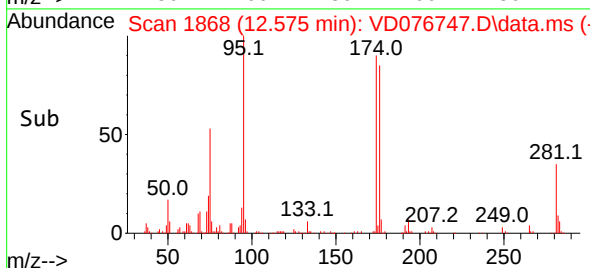
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

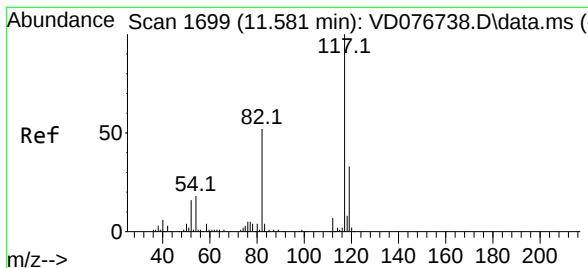


#62
4-Bromofluorobenzene
Concen: 48.388 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



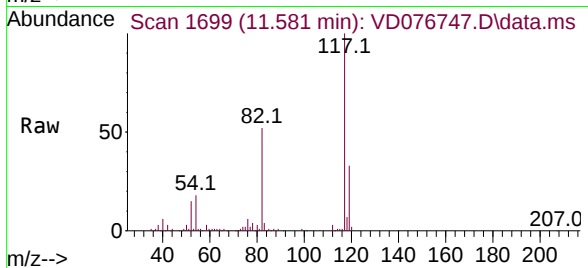
Tgt Ion: 95 Resp: 131506
Ion Ratio Lower Upper
95 100
174 86.6 0.0 201.8
176 85.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

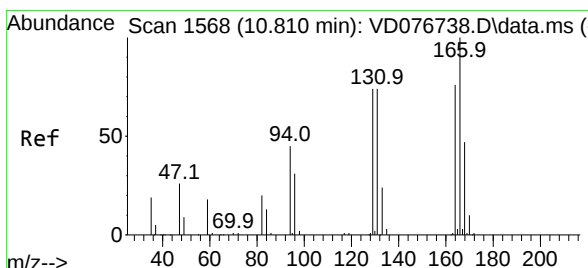
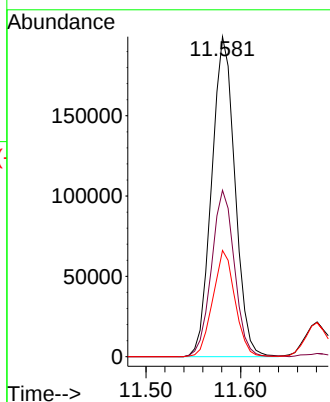
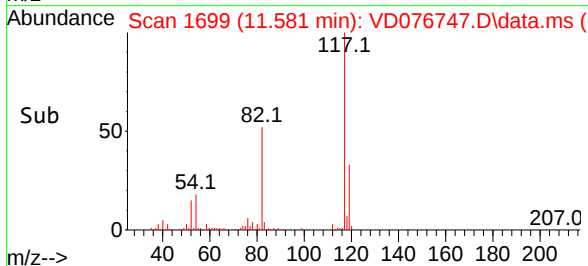
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion:117 Resp: 339998
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 33.2 25.0 37.4

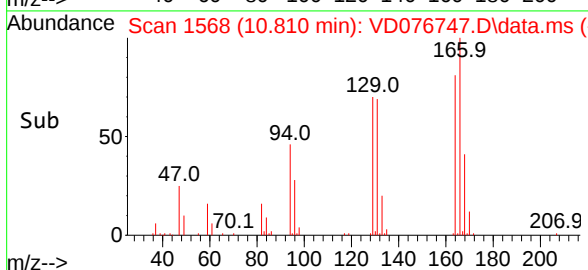
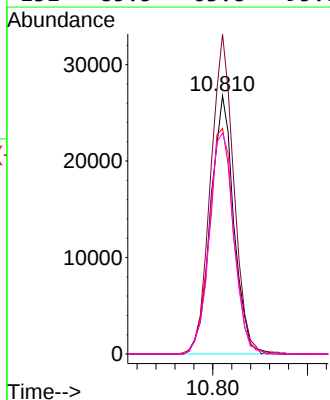
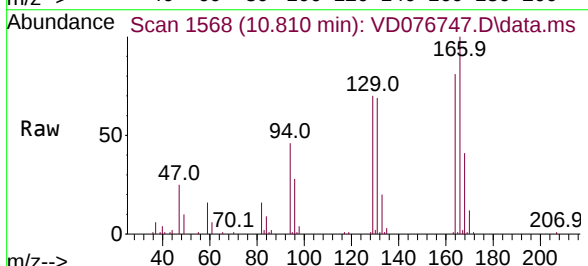
Manual Integrations
APPROVED

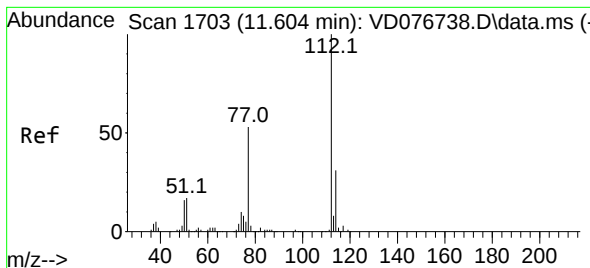
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 23.341 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

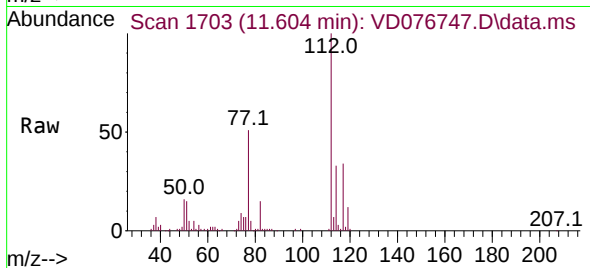
Tgt Ion:164 Resp: 45251
Ion Ratio Lower Upper
164 100
166 123.9 99.2 148.8
129 87.3 68.4 102.6
131 85.5 63.8 95.8





#65
Chlorobenzene
Concen: 21.141 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

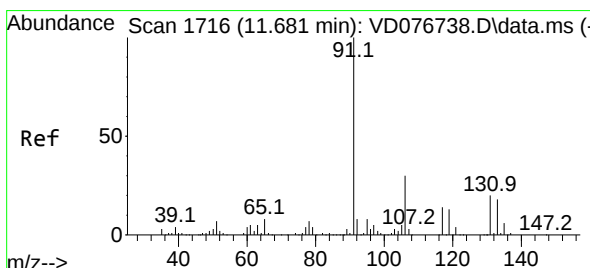
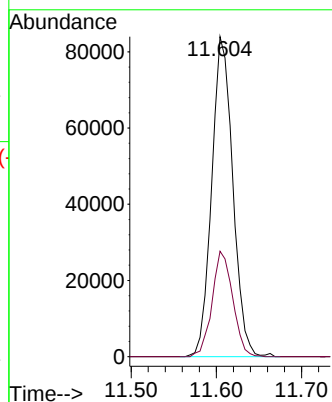
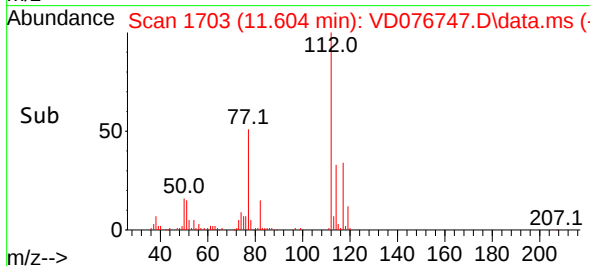
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



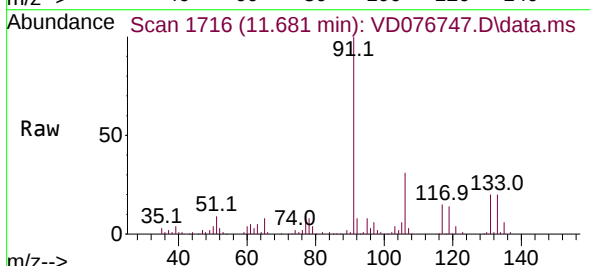
Tgt Ion:112 Resp: 14456
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7

Manual Integrations
APPROVED

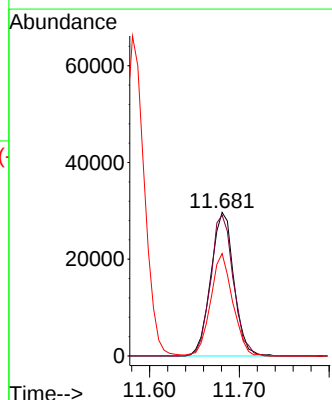
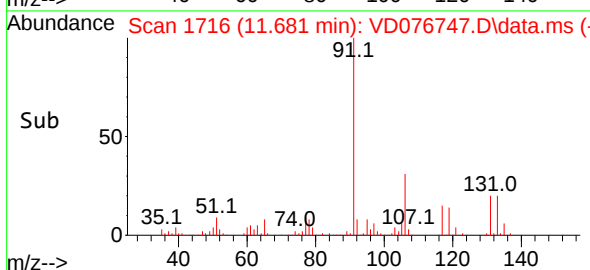
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

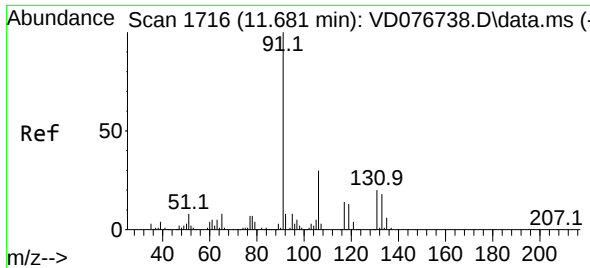


#66
1,1,1,2-Tetrachloroethane
Concen: 20.813 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



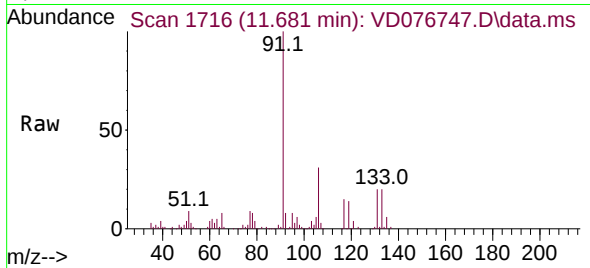
Tgt Ion:131 Resp: 52987
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.5
119 68.2 35.6 106.9





#67
Ethyl Benzene
Concen: 20.735 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

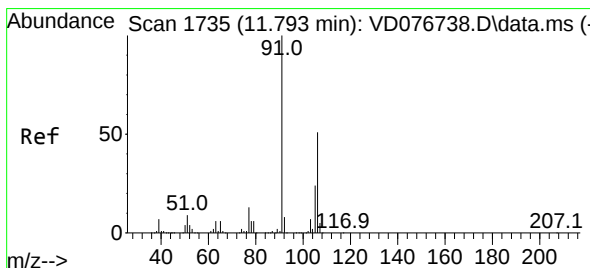
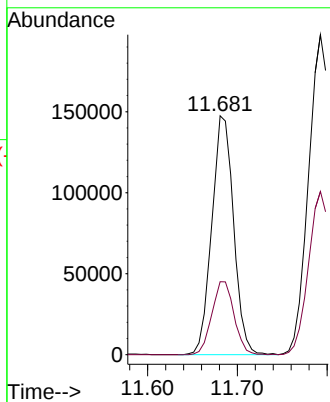
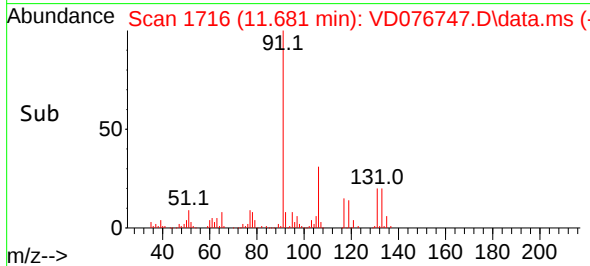
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



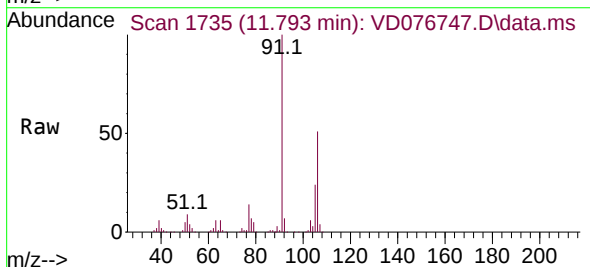
Tgt Ion: 91 Resp: 249008
Ion Ratio Lower Upper
91 100
106 30.5 26.5 39.7

Manual Integrations
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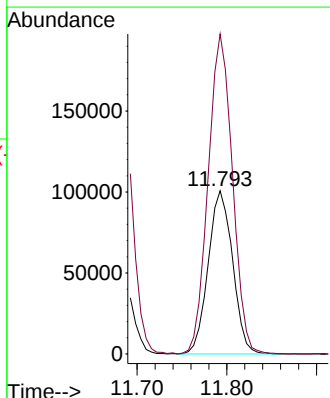
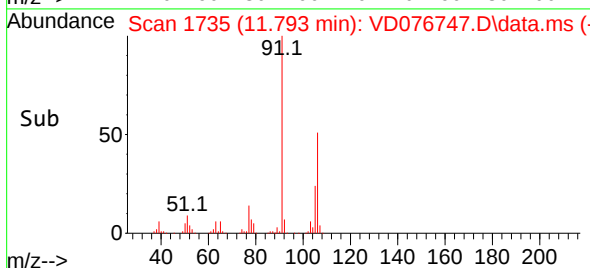
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

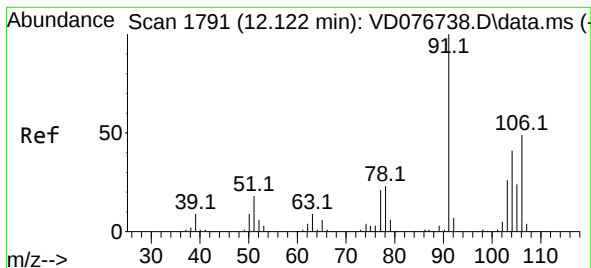


#68
m/p-Xylenes
Concen: 41.329 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion:106 Resp: 190617
Ion Ratio Lower Upper
106 100
91 195.0 147.0 220.6





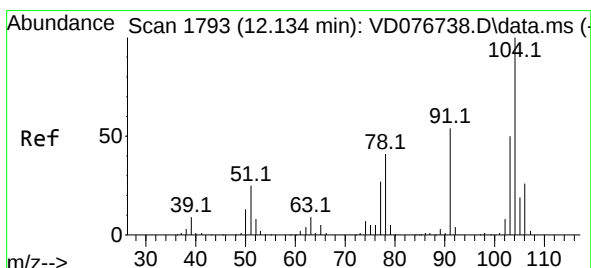
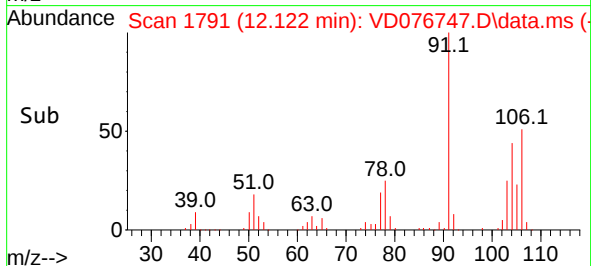
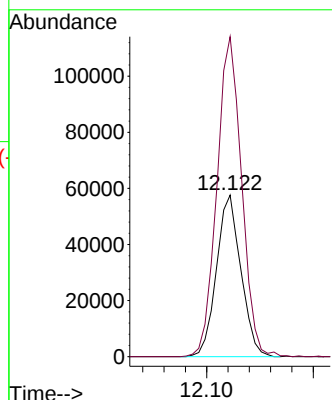
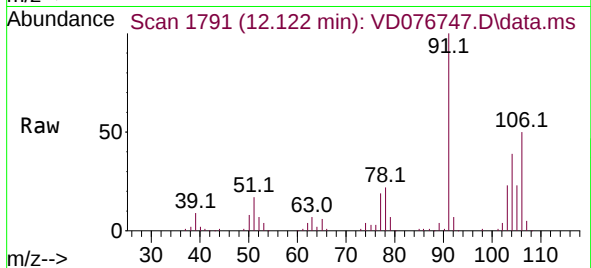
#69
o-Xylene
Concen: 20.472 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion:106 Resp: 91308
Ion Ratio Lower Upper
106 100
91 201.4 97.9 293.6

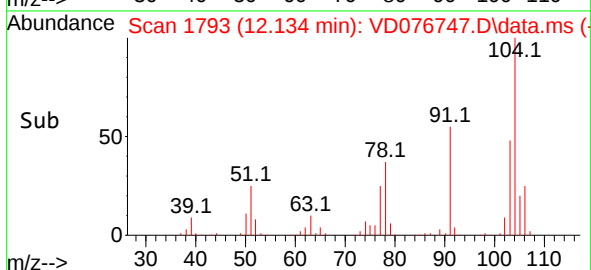
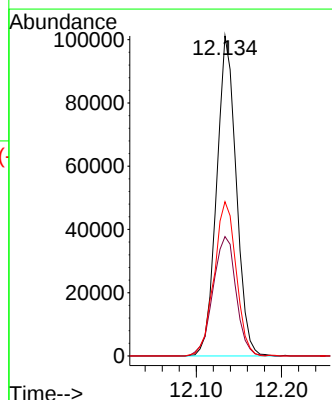
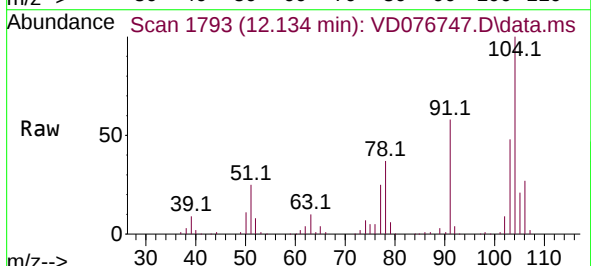
Manual Integrations
APPROVED

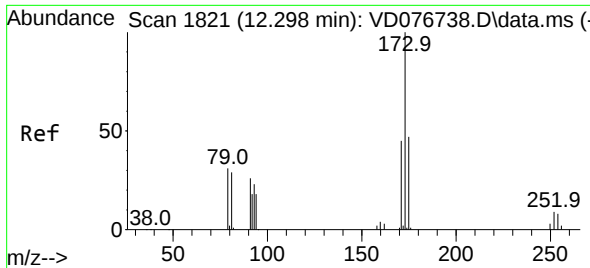
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 20.686 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

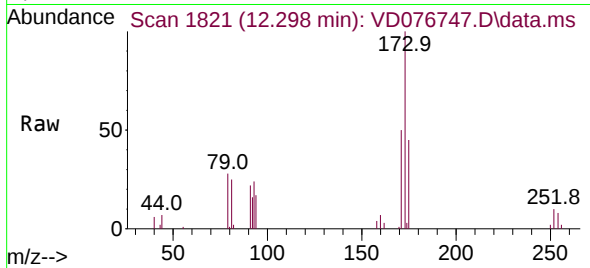
Tgt Ion:104 Resp: 161508
Ion Ratio Lower Upper
104 100
78 43.8 33.2 49.8
103 54.0 43.6 65.4





#71
Bromoform
Concen: 22.364 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

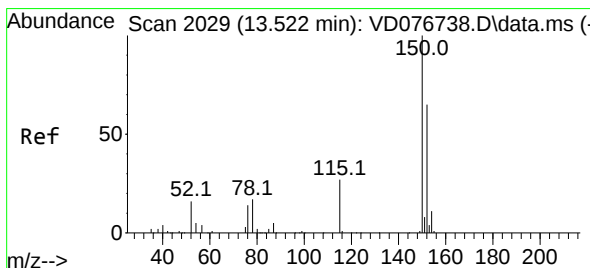
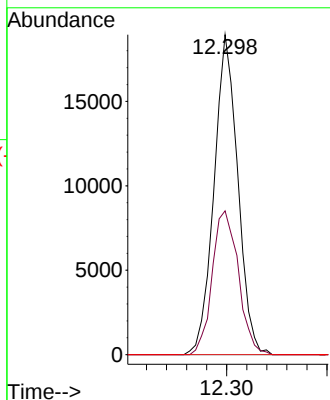
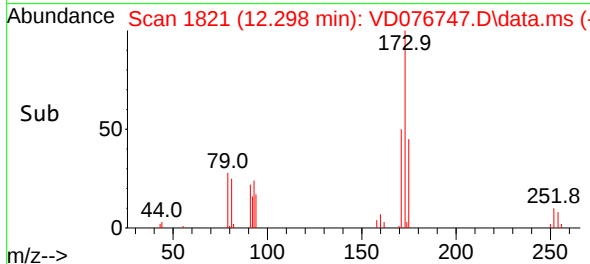
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



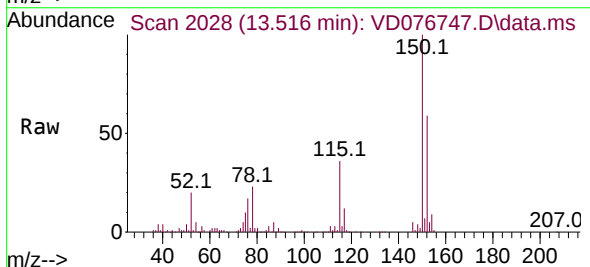
Tgt Ion:173 Resp: 3118
Ion Ratio Lower Upper
173 100
175 49.5 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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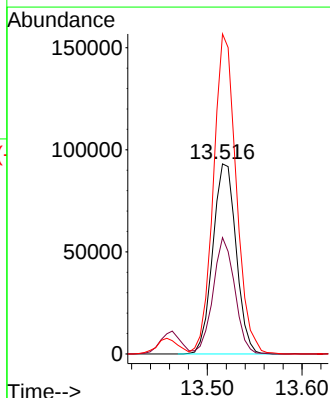
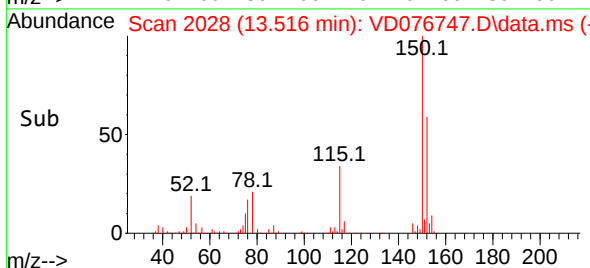
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

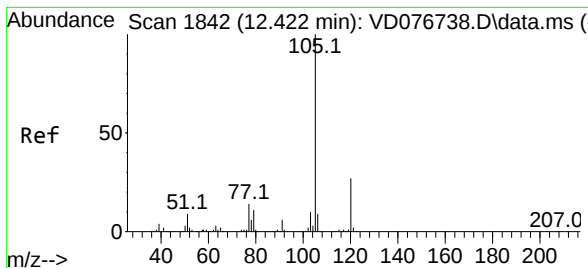


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion:152 Resp: 159296
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 164.8 0.0 353.6





#73

Isopropylbenzene

Concen: 21.078 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

Tgt Ion:105 Resp: 24360

Ion Ratio Lower Upper

105 100

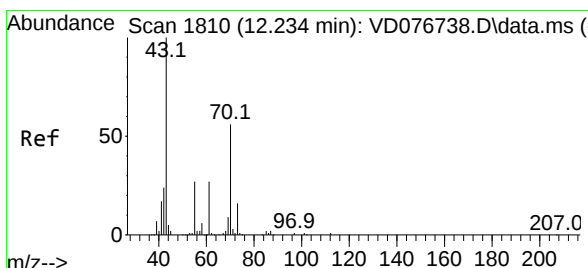
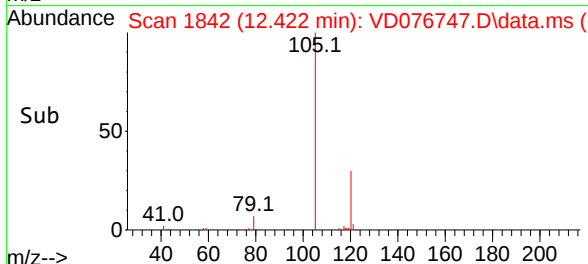
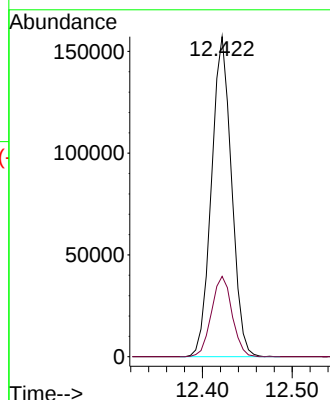
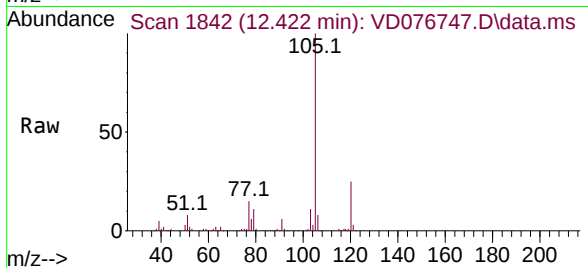
120 25.8 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#74

N-ethyl acetate

Concen: 20.513 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Tgt Ion: 43 Resp: 49945

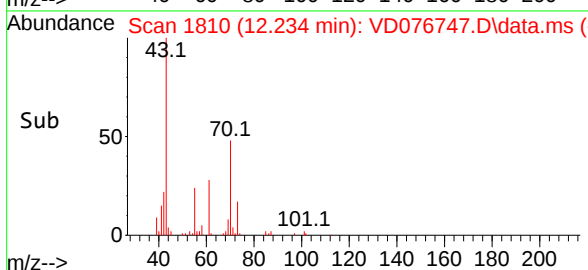
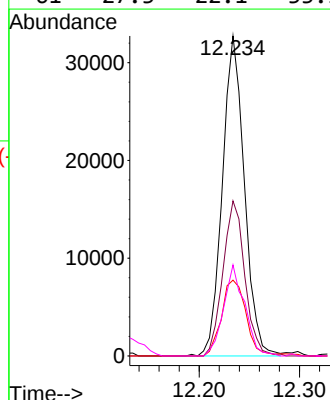
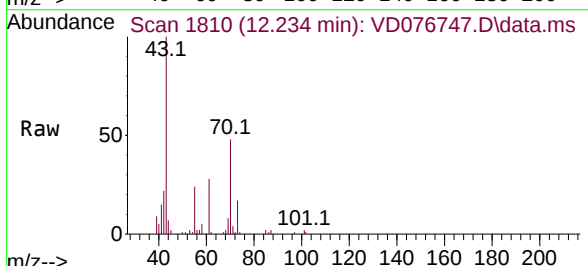
Ion Ratio Lower Upper

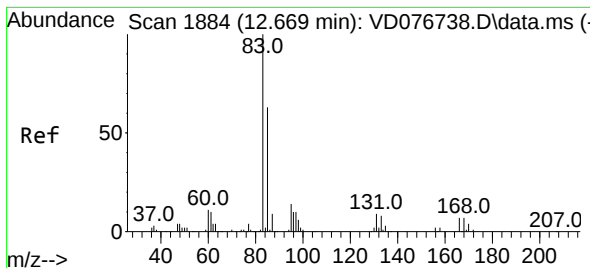
43 100

70 48.2 45.0 67.4

55 26.7 23.8 35.6

61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.466 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

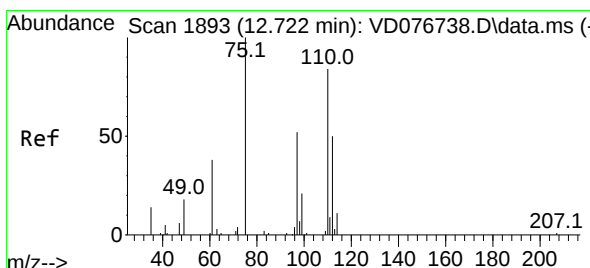
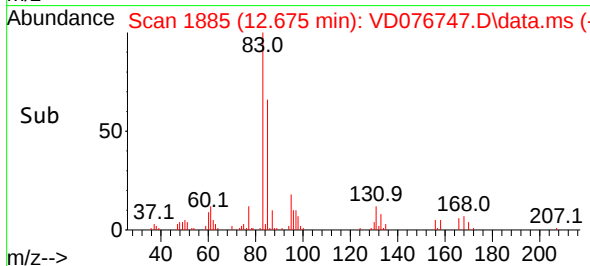
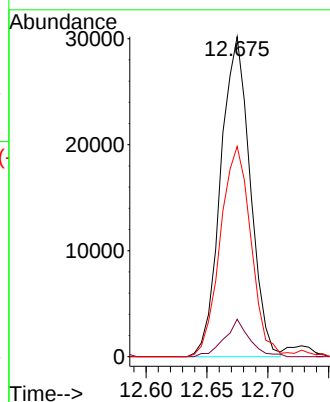
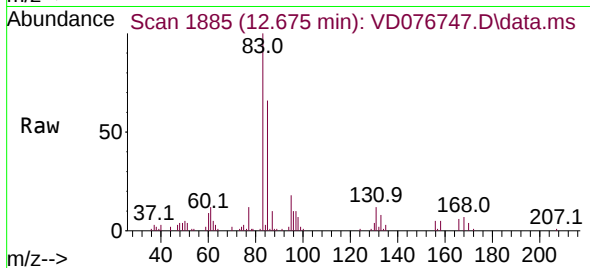
Tgt Ion: 83	Resp: 50780
Ion Ratio	Lower Upper
83	100
131	9.9 5.1 15.3
85	68.8 32.6 97.8

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#76

1,2,3-Trichloropropane

Concen: 21.719 ug/l m

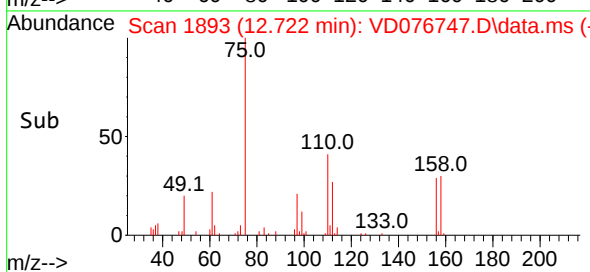
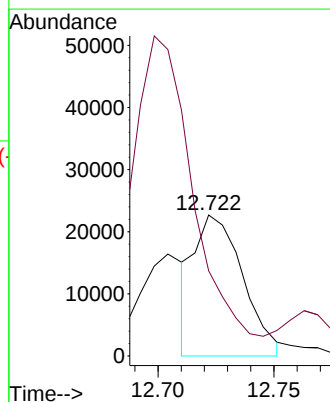
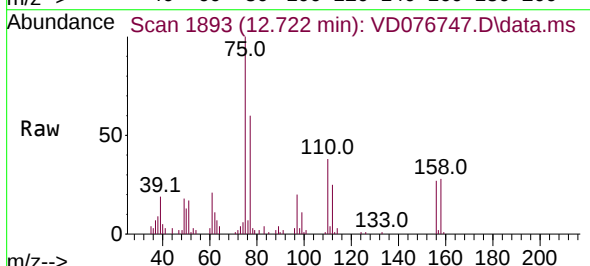
RT: 12.722 min Scan# 1893

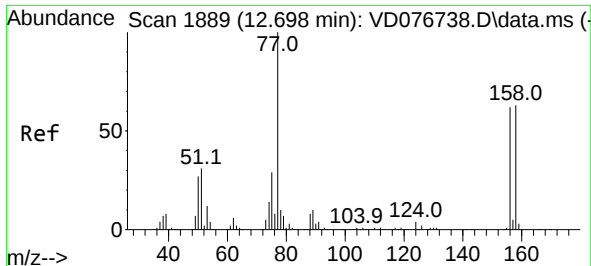
Delta R.T. -0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Tgt Ion: 75	Resp: 32902
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





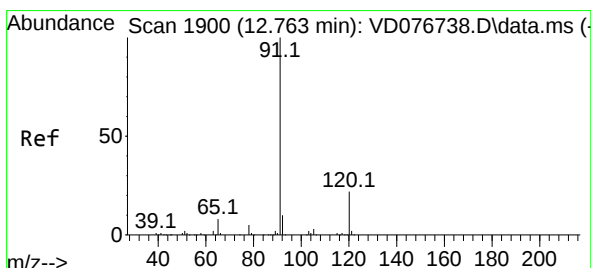
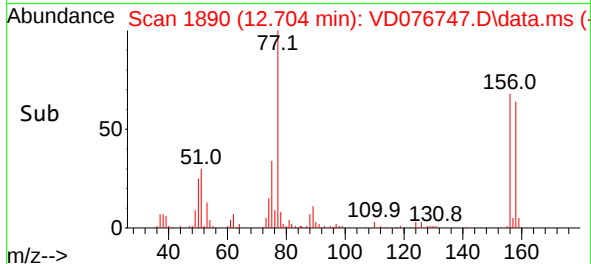
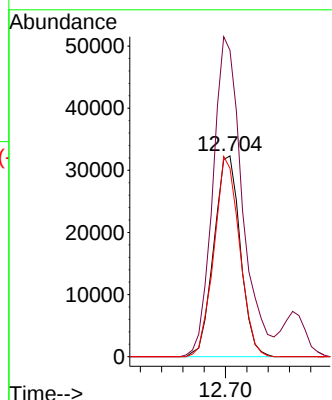
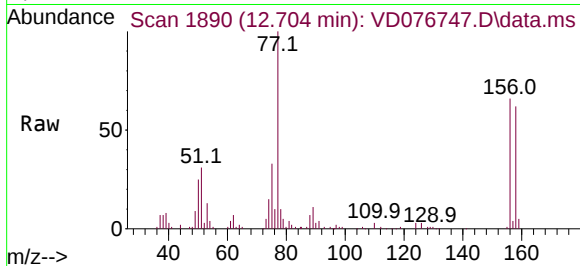
#77
Bromobenzene
Concen: 20.830 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion:156 Resp: 5556
Ion Ratio Lower Upper
156 100
77 177.8 76.8 230.4
158 96.5 48.6 145.9

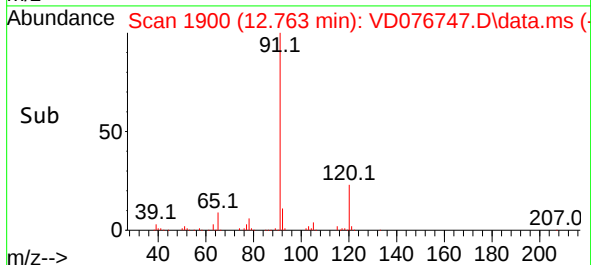
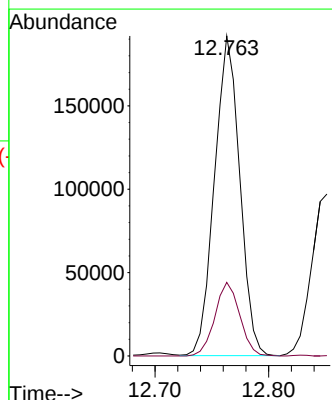
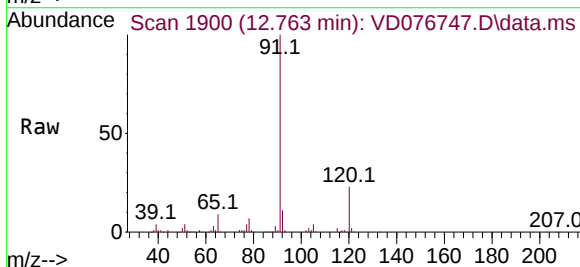
Manual Integrations
APPROVED

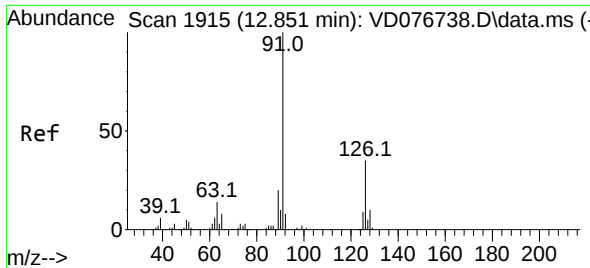
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 21.125 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion: 91 Resp: 295985
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





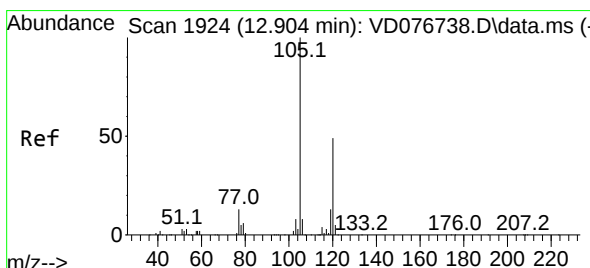
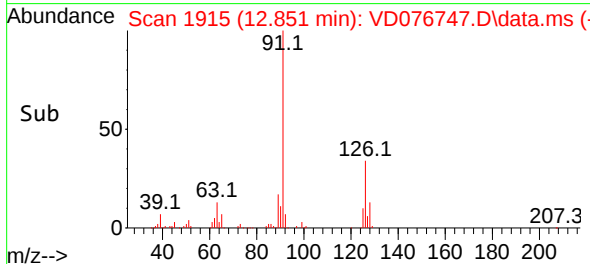
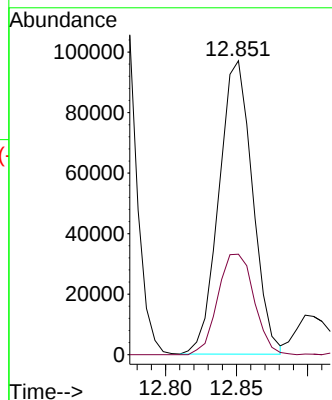
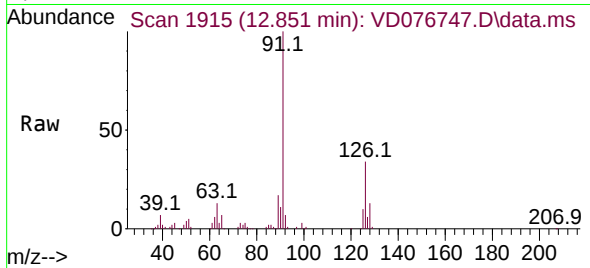
#79
2-Chlorotoluene
Concen: 20.796 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 91 Resp: 15976
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1

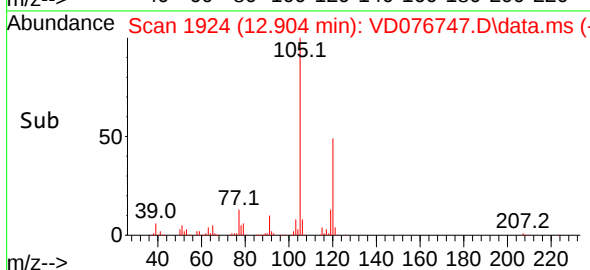
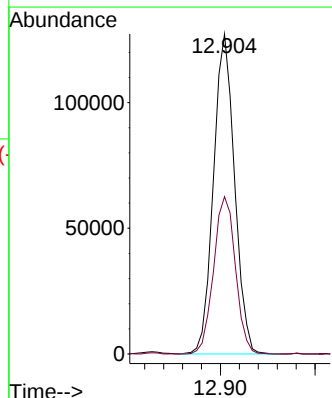
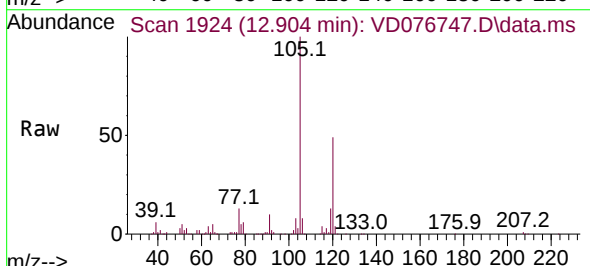
Manual Integrations
APPROVED

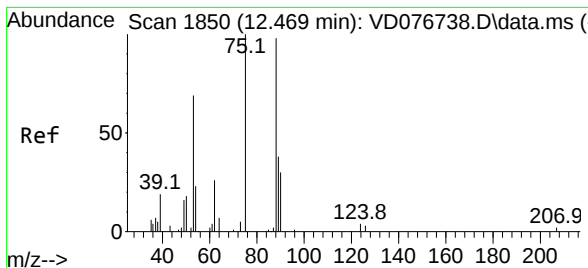
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.039 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

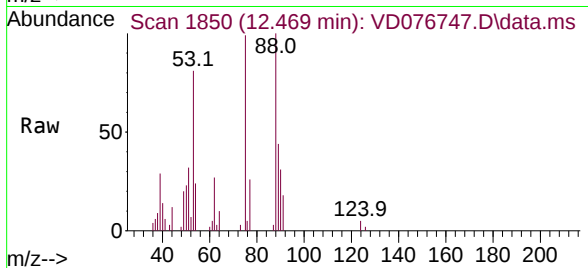
Tgt Ion:105 Resp: 196613
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.756 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

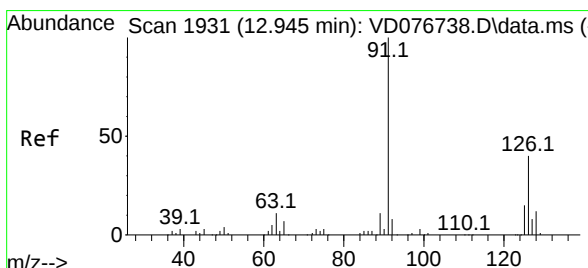
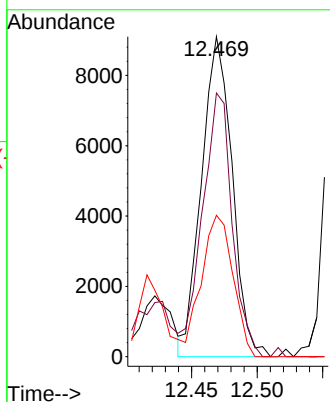
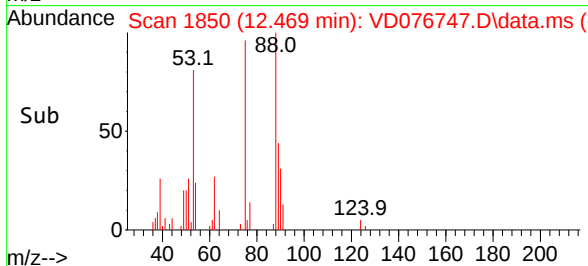
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



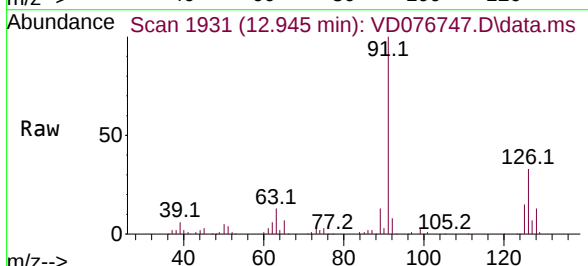
Tgt Ion: 75 Resp: 14774
Ion Ratio Lower Upper
75 100
53 79.9 63.0 94.4
89 45.2 37.9 56.9

Manual Integrations
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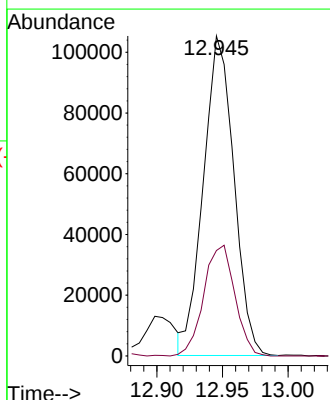
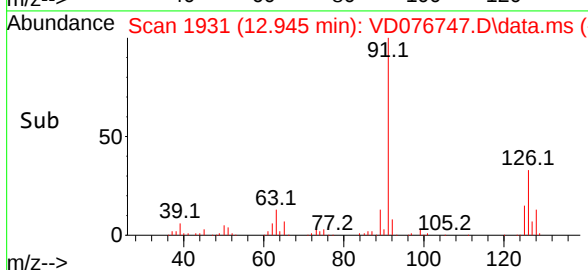
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

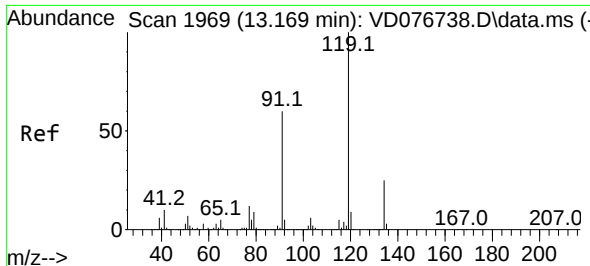


#82
4-Chlorotoluene
Concen: 21.230 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



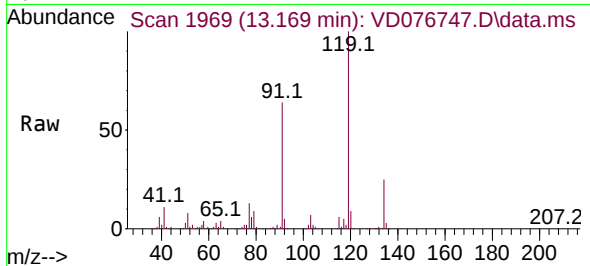
Tgt Ion: 91 Resp: 170388
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.332 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

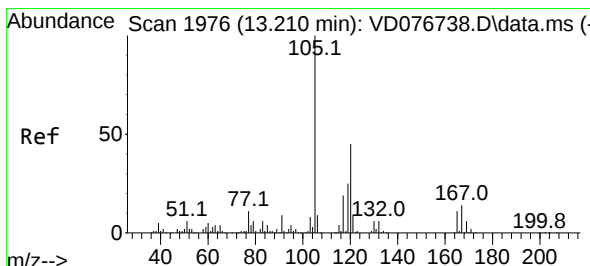
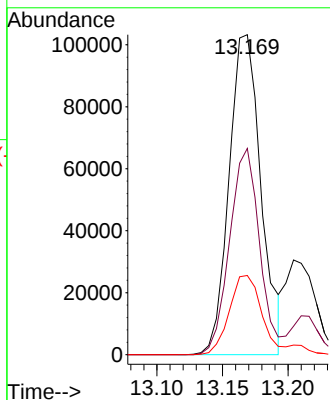
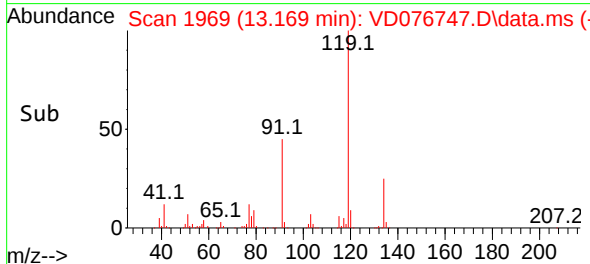
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



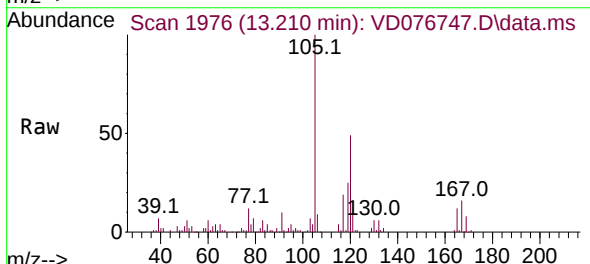
Tgt Ion:119 Resp: 17552
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.8
134 25.1 14.1 42.3

Manual Integrations
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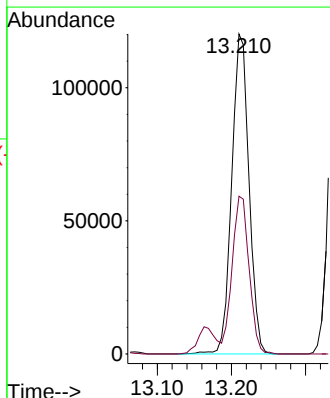
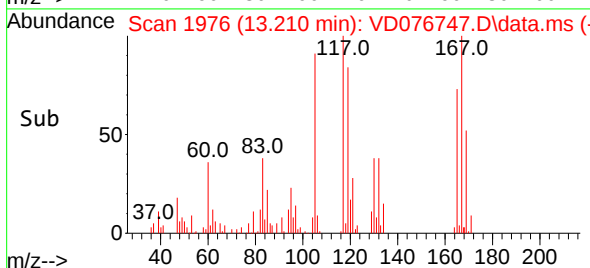
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

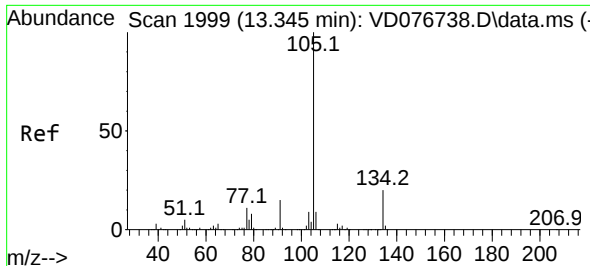


#84
1,2,4-Trimethylbenzene
Concen: 20.285 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



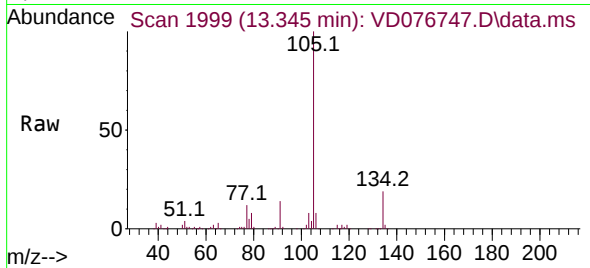
Tgt Ion:105 Resp: 193721
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 21.422 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46

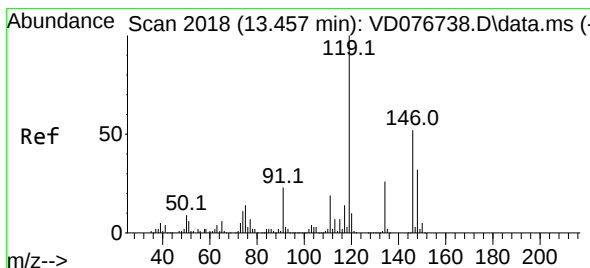
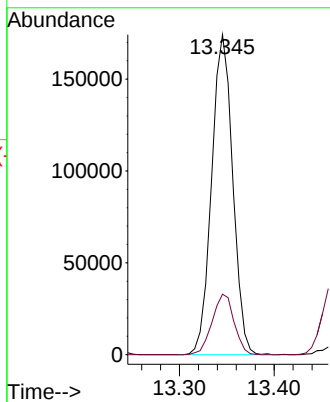
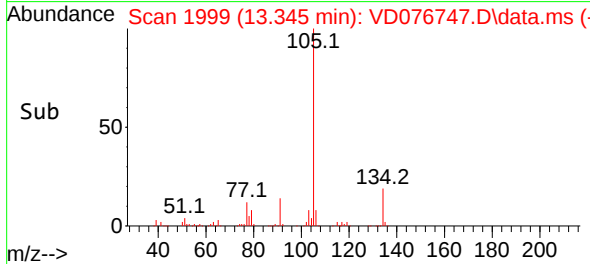
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0717SBS01



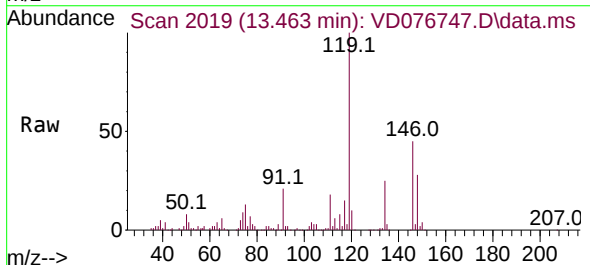
Tgt Ion:105 Resp: 269309
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.9 32.9

Manual Integrations
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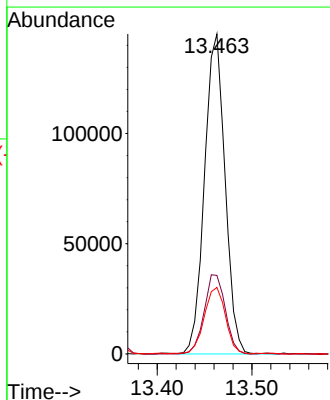
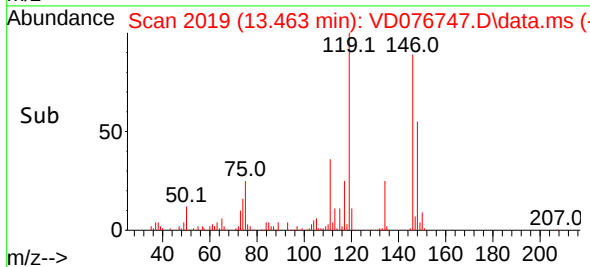
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

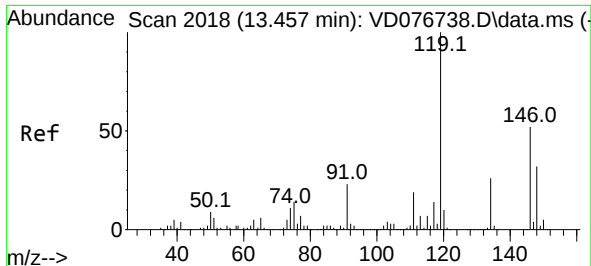


#86
 p-Isopropyltoluene
 Concen: 21.063 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076747.D
 Acq: 17 Jul 2023 11:46



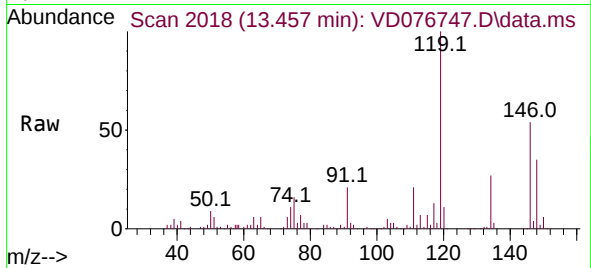
Tgt Ion:119 Resp: 218681
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 21.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 21.488 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

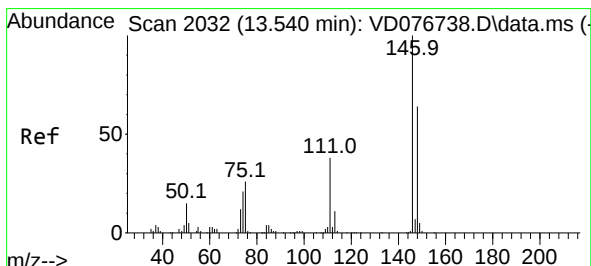
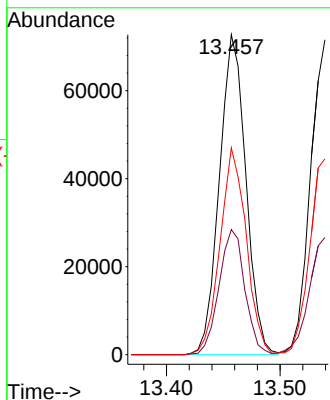
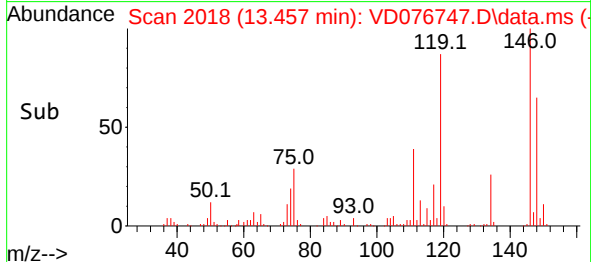
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



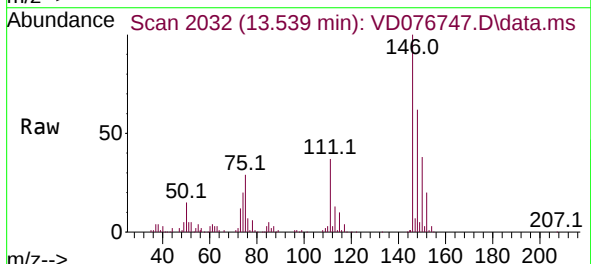
Tgt Ion:146 Resp: 11790
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 64.1 32.3 96.8

Manual Integrations
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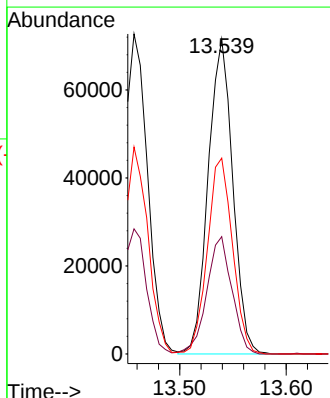
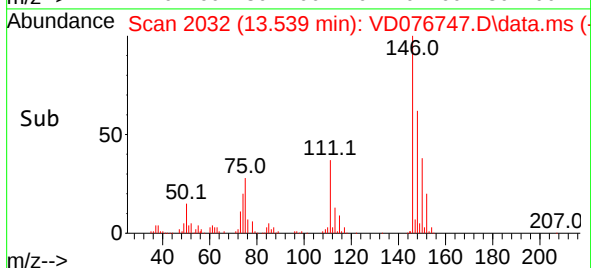
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

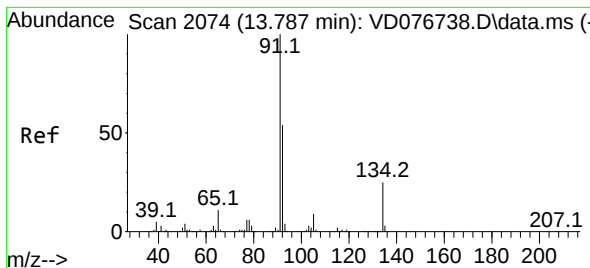


#88
1,4-Dichlorobenzene
Concen: 21.348 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion:146 Resp: 114764
Ion Ratio Lower Upper
146 100
111 38.1 17.4 52.3
148 63.6 31.7 95.1





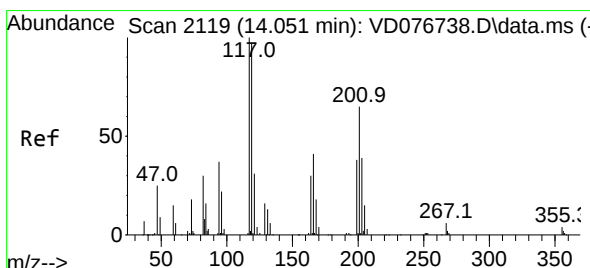
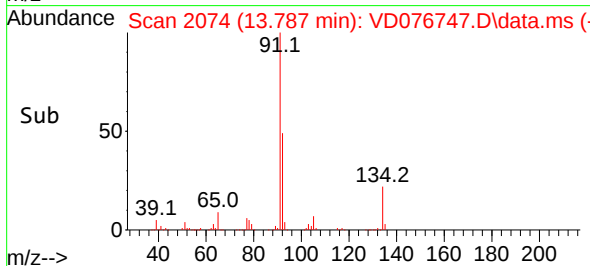
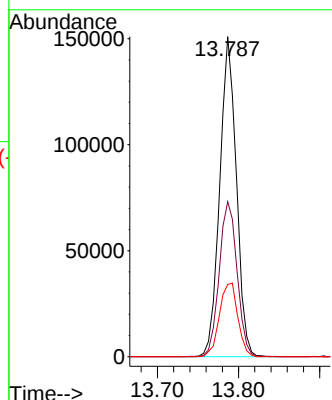
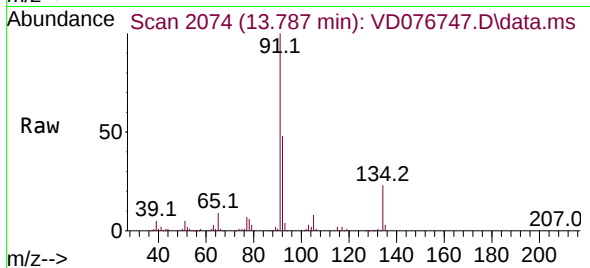
#89
n-Butylbenzene
Concen: 21.157 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01

Tgt Ion: 91 Resp: 21494
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.4 13.8 41.3

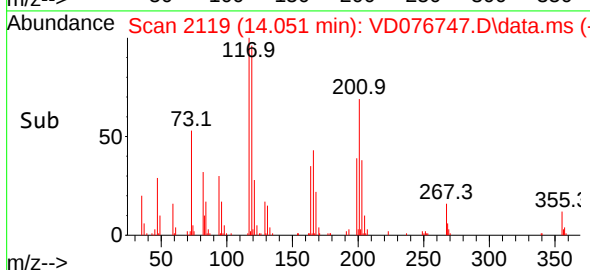
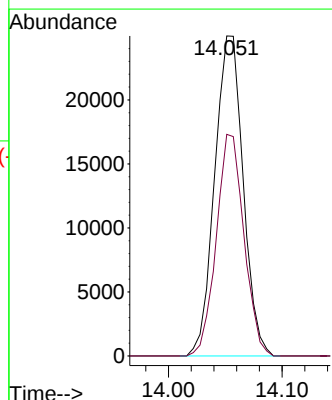
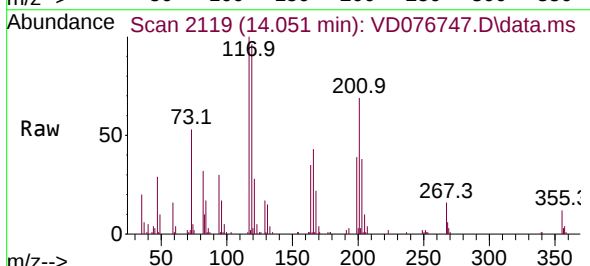
Manual Integrations
APPROVED

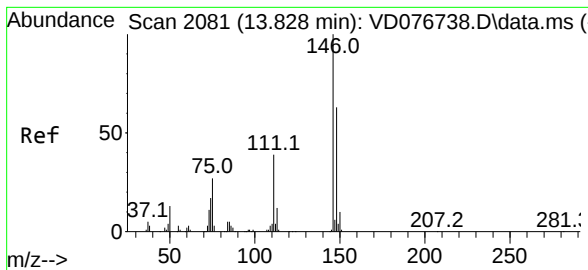
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 22.700 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

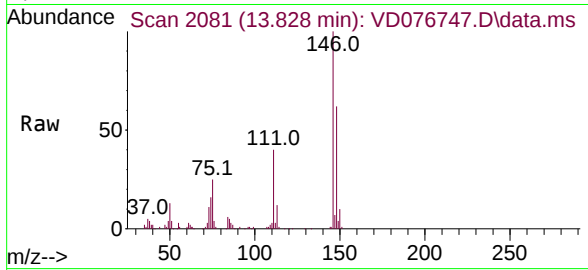
Tgt Ion:117 Resp: 43572
Ion Ratio Lower Upper
117 100
201 67.1 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 21.559 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

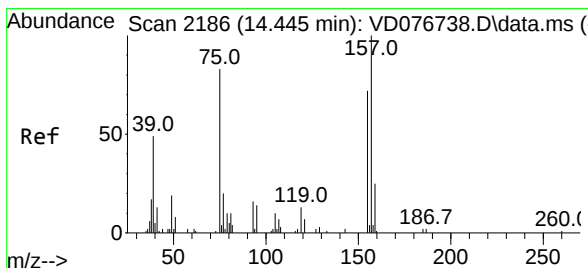
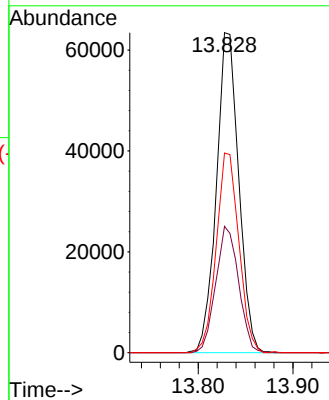
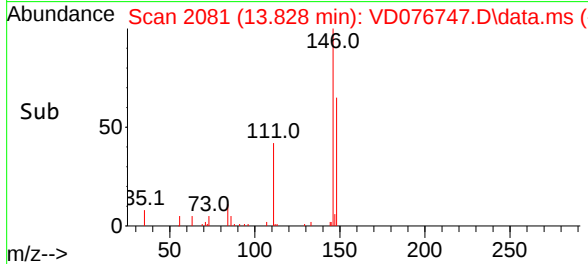
Instrument : MSVOA_D
ClientSampleId : VD0717SBS01



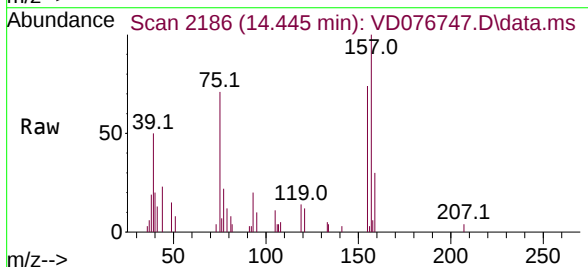
Tgt Ion:146 Resp: 104238
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.1 31.6 94.7

Manual Integrations
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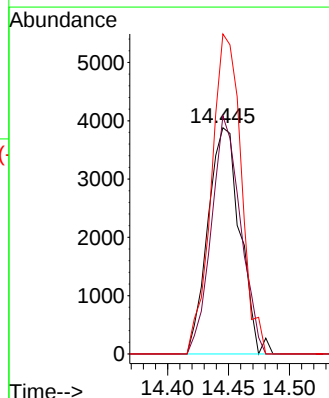
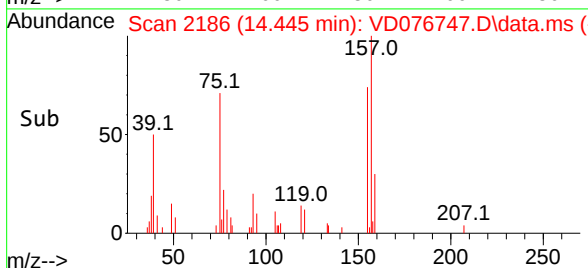
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

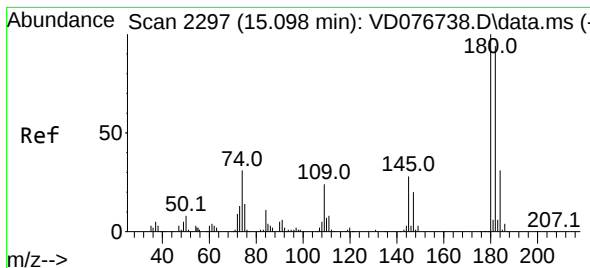


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.132 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46



Tgt Ion: 75 Resp: 7123
Ion Ratio Lower Upper
75 100
155 95.3 47.9 143.8
157 131.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.774 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD0717SBS01

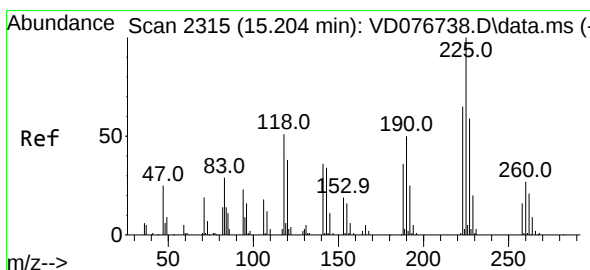
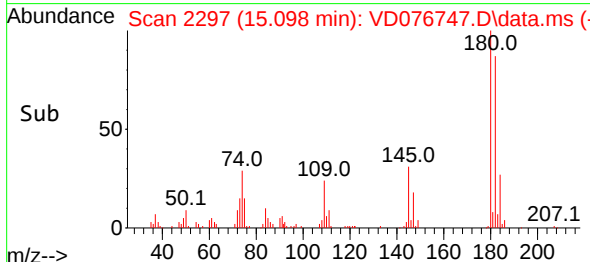
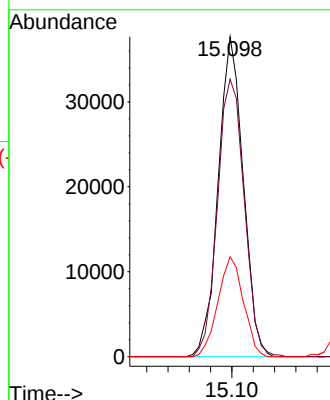
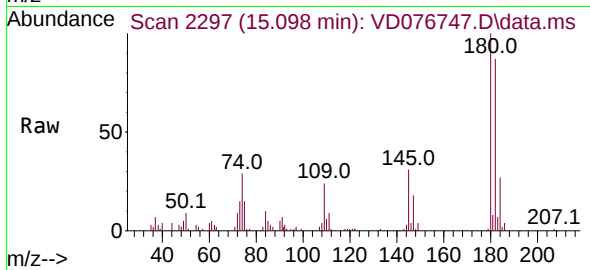
Tgt Ion:180	Resp:	61319
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.5 145.6
145	31.8	14.2 42.6

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 21.482 ug/l

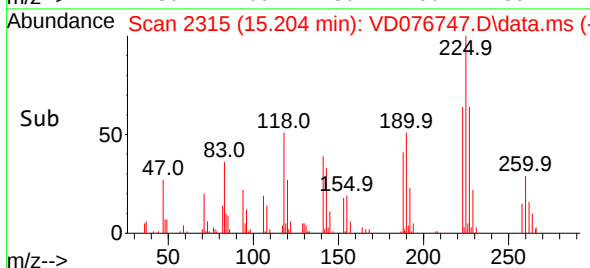
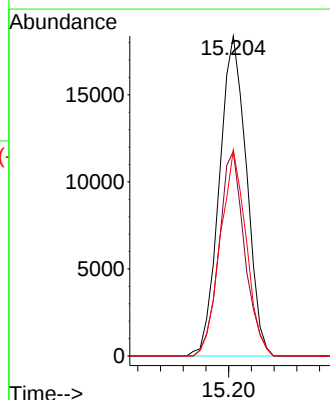
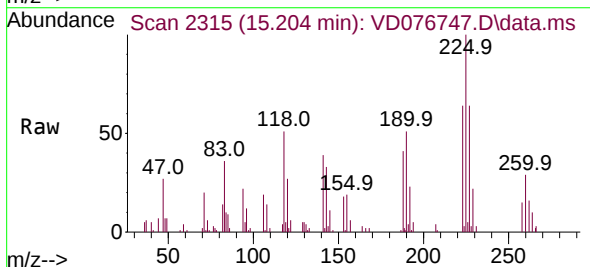
RT: 15.204 min Scan# 2315

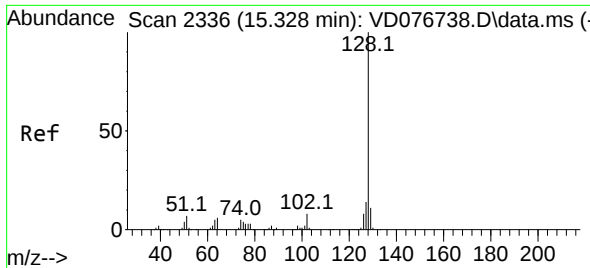
Delta R.T. 0.000 min

Lab File: VD076747.D

Acq: 17 Jul 2023 11:46

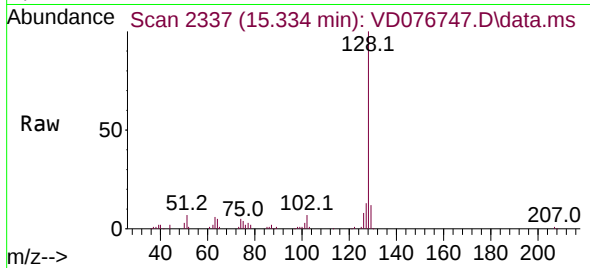
Tgt Ion:225	Resp:	30496
Ion Ratio	Lower	Upper
225	100	
223	60.2	31.6 94.8
227	61.5	31.7 95.1





#95
Naphthalene
Concen: 20.022 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

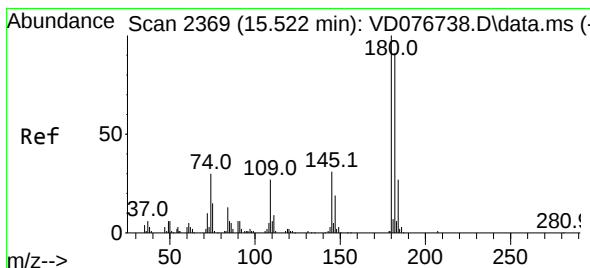
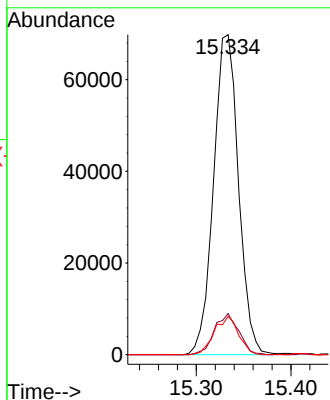
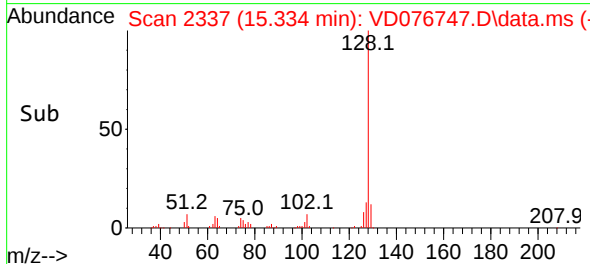
Instrument :
MSVOA_D
ClientSampleId :
VD0717SBS01



Tgt Ion:128 Resp: 12796
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 12.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.323 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076747.D
Acq: 17 Jul 2023 11:46

Tgt Ion:180 Resp: 56483
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 31.8 15.1 45.3

