

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076735.D
 Acq On : 14 Jul 2023 11:55
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 17 09:07:01 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	198382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43643	22.087	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.180%#		
35) Dibromofluoromethane	7.799	113	51378	22.175	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.340%#		
50) Toluene-d8	10.269	98	168342	20.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.620%#		
62) 4-Bromofluorobenzene	12.575	95	53457	19.936	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8919	5.749	ug/l	99
3) Chloromethane	2.146	50	14195	5.304	ug/l	95
4) Vinyl Chloride	2.281	62	17589	4.931	ug/l	89
5) Bromomethane	2.687	94	13893	4.733	ug/l	100
6) Chloroethane	2.834	64	12403	4.605	ug/l	100
7) Trichlorofluoromethane	3.169	101	16911	5.328	ug/l	98
8) Diethyl Ether	3.593	74	4924	4.506	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.963	101	11336	5.433	ug/l	96
10) Methyl Iodide	4.158	142	10540	4.481	ug/l	91
11) Tert butyl alcohol	5.052	59	2265	15.361	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	9283	4.735	ug/l #	74
13) Acrolein	3.793	56	3952	39.331	ug/l	95
14) Allyl chloride	4.552	41	12144	4.716	ug/l #	85
15) Acrylonitrile	5.258	53	12384	23.072	ug/l	95
16) Acetone	4.028	43	10241	21.702	ug/l	92
17) Carbon Disulfide	4.263	76	22712	4.960	ug/l	100
18) Methyl Acetate	4.569	43	8171	4.609	ug/l #	74
19) Methyl tert-butyl Ether	5.316	73	24469	4.655	ug/l #	90
20) Methylene Chloride	4.805	84	20911	Below Cal	#	80
21) trans-1,2-Dichloroethene	5.305	96	10948	4.805	ug/l	98
22) Diisopropyl ether	6.216	45	27921	4.579	ug/l #	91
23) Vinyl Acetate	6.152	43	65617	21.748	ug/l	99
24) 1,1-Dichloroethane	6.110	63	19429	4.726	ug/l	96
25) 2-Butanone	7.093	43	16047	25.408	ug/l	94
26) 2,2-Dichloropropane	7.075	77	18523	5.226	ug/l	76
27) cis-1,2-Dichloroethene	7.069	96	13814	4.918	ug/l	92
28) Bromochloromethane	7.422	49	5244	5.102	ug/l #	86
29) Tetrahydrofuran	7.446	42	8415	22.551	ug/l	96
30) Chloroform	7.599	83	21456	4.765	ug/l	98
31) Cyclohexane	7.875	56	17249	5.932	ug/l #	83
32) 1,1,1-Trichloroethane	7.799	97	17426	4.796	ug/l	98
36) 1,1-Dichloropropene	8.010	75	14420	4.763	ug/l	98
37) Ethyl Acetate	7.169	43	6423	4.744	ug/l #	85
38) Carbon Tetrachloride	7.987	117	13054	4.503	ug/l	86
39) Methylcyclohexane	9.275	83	16767	4.796	ug/l	93
40) Benzene	8.251	78	44256	4.633	ug/l	93

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 ClientSampleId :
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Manual Integrations
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Quant Time: Jul 17 09:07:01 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)
41) Methacrylonitrile	7.387	41	1767	2.137	ug/l #	28
42) 1,2-Dichloroethane	8.322	62	12356	4.978	ug/l	97
43) Isopropyl Acetate	8.363	43	11992	4.538	ug/l #	81
44) Trichloroethene	9.028	130	12918	4.962	ug/l	96
45) 1,2-Dichloropropane	9.304	63	12179	4.939	ug/l	98
46) Dibromomethane	9.398	93	6512	4.511	ug/l	95
47) Bromodichloromethane	9.587	83	16858	4.654	ug/l #	97
48) Methyl methacrylate	9.381	41	5293	4.401	ug/l #	87
49) 1,4-Dioxane	9.381	88	1764	95.385	ug/l #	46
51) 4-Methyl-2-Pentanone	10.163	43	30650	21.785	ug/l	93
52) Toluene	10.334	92	28356	4.519	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	14072	4.185	ug/l	96
54) cis-1,3-Dichloropropene	10.010	75	17700	4.467	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	10248	4.862	ug/l	92
56) Ethyl methacrylate	10.598	69	10568	4.344	ug/l	91
57) 1,3-Dichloropropane	10.881	76	15511	4.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	22787	24.198	ug/l	93
59) 2-Hexanone	10.922	43	21133	21.051	ug/l	96
60) Dibromochloromethane	11.075	129	10966	4.478	ug/l	94
61) 1,2-Dibromoethane	11.181	107	8738	4.471	ug/l	99
64) Tetrachloroethene	10.804	164	9830	5.269	ug/l	89
65) Chlorobenzene	11.604	112	32607	4.955	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	10975	4.479	ug/l	93
67) Ethyl Benzene	11.681	91	52182	4.515	ug/l	94
68) m/p-Xylenes	11.792	106	39702	8.945	ug/l	90
69) o-Xylene	12.122	106	20343	4.739	ug/l	99
70) Styrene	12.134	104	32500	4.325	ug/l	95
71) Bromoform	12.304	173	6696	4.990	ug/l #	96
73) Isopropylbenzene	12.422	105	48890	4.541	ug/l	99
74) N-amyl acetate	12.234	43	10573	4.661	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	11856	5.128	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	12908	9.146	ug/l #	100
77) Bromobenzene	12.698	156	12166	4.895	ug/l	84
78) n-propylbenzene	12.763	91	62389	4.780	ug/l	95
79) 2-Chlorotoluene	12.851	91	34079	4.761	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	40662	4.670	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	3253	4.905	ug/l	96
82) 4-Chlorotoluene	12.945	91	34403	4.601	ug/l	93
83) tert-Butylbenzene	13.169	119	36170	4.718	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	39705	4.463	ug/l	94
85) sec-Butylbenzene	13.345	105	55651	4.752	ug/l	93
86) p-Isopropyltoluene	13.457	119	45132	4.666	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	24394	4.772	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	24605	4.913	ug/l	90
89) n-Butylbenzene	13.786	91	44704	4.723	ug/l	95
90) Hexachloroethane	14.051	117	8686	4.857	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	21583	4.791	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1221	3.704	ug/l	65
93) 1,2,4-Trichlorobenzene	15.098	180	13289	4.832	ug/l	92
94) Hexachlorobutadiene	15.198	225	6818	5.155	ug/l	96
95) Naphthalene	15.333	128	28020	4.706	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	11794	4.779	ug/l	96

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

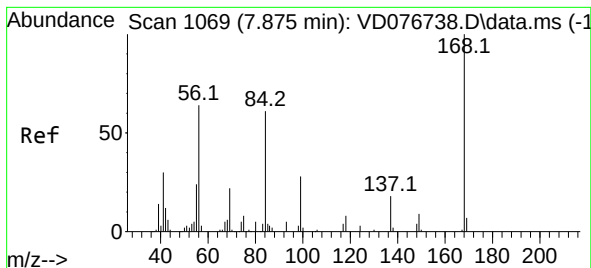
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 17 09:07:01 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

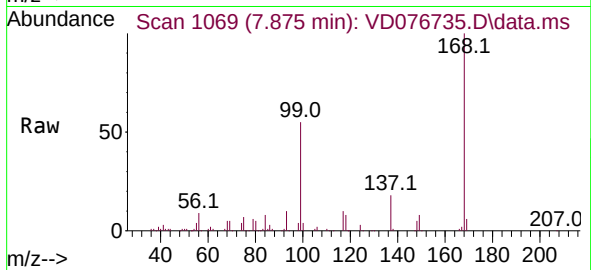
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076735.D
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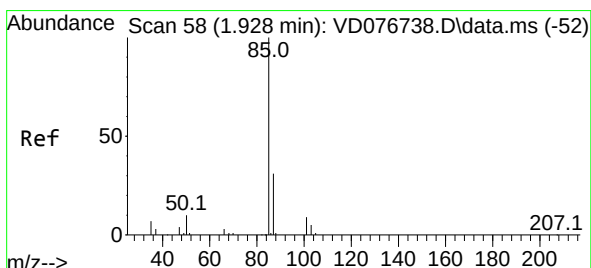
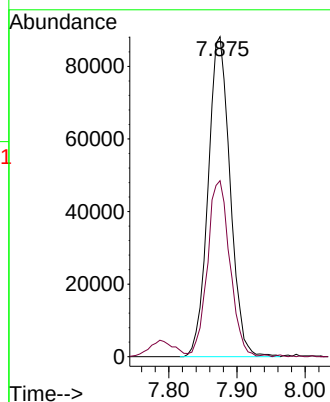
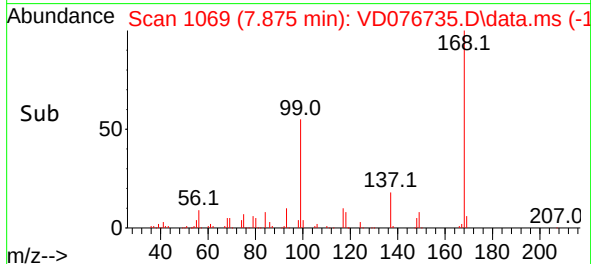
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 19838
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1

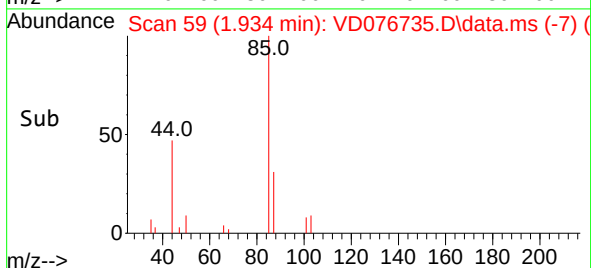
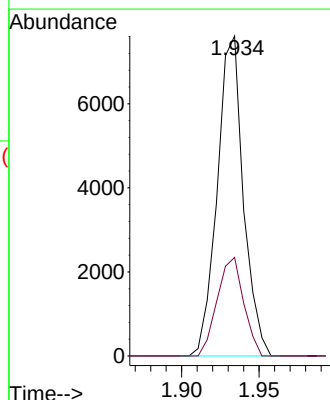
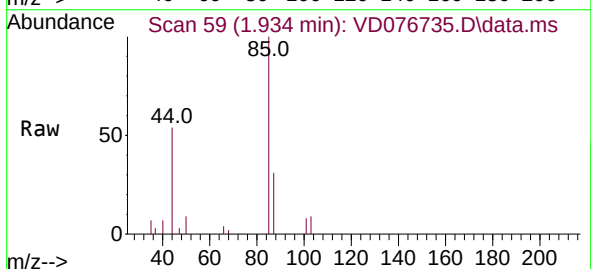
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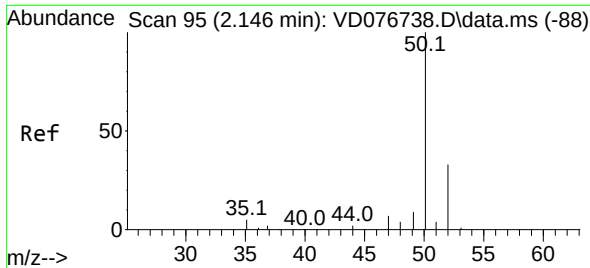
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 5.749 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 85 Resp: 8919
Ion Ratio Lower Upper
85 100
87 30.8 15.7 47.0





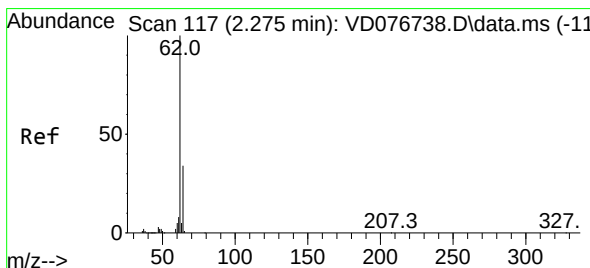
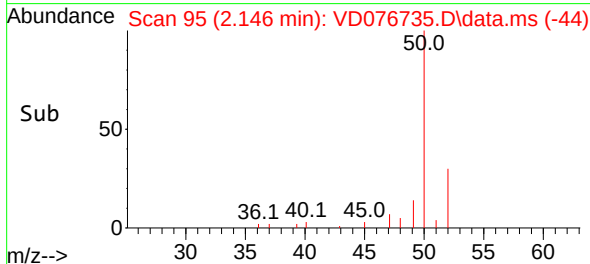
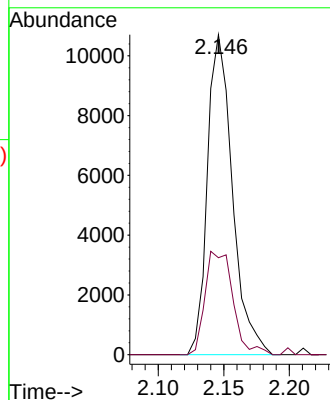
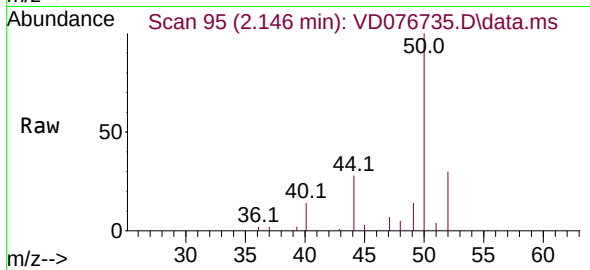
#3
Chloromethane
Concen: 5.304 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1419
Ion Ratio Lower Upper
50 100
52 30.3 26.6 40.0

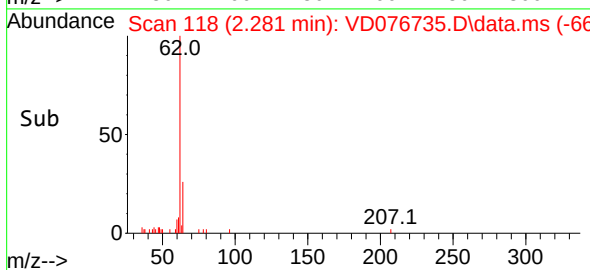
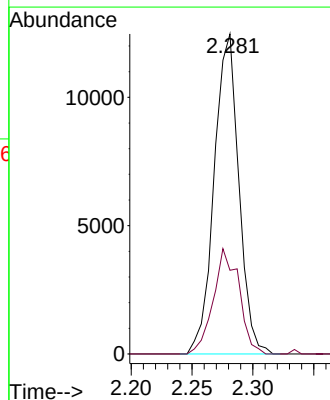
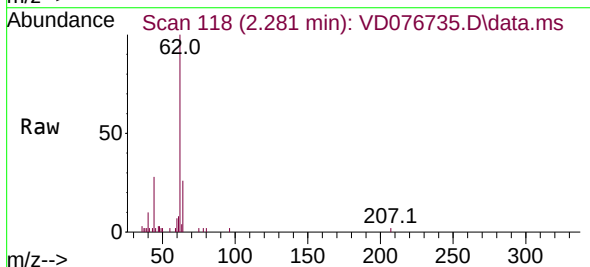
Manual Integrations
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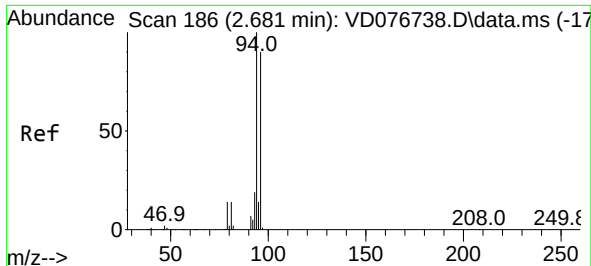
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 4.931 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

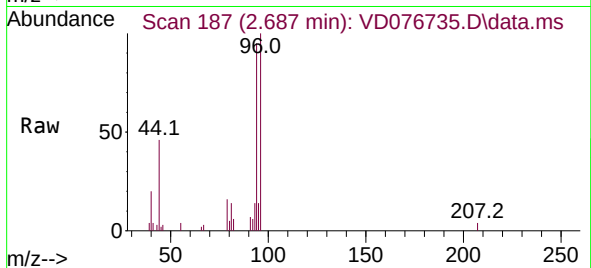
Tgt Ion: 62 Resp: 17589
Ion Ratio Lower Upper
62 100
64 26.2 26.0 39.0





#5
Bromomethane
Concen: 4.733 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

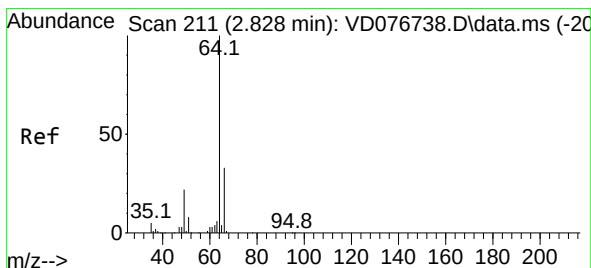
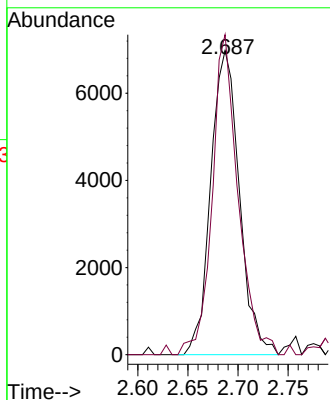
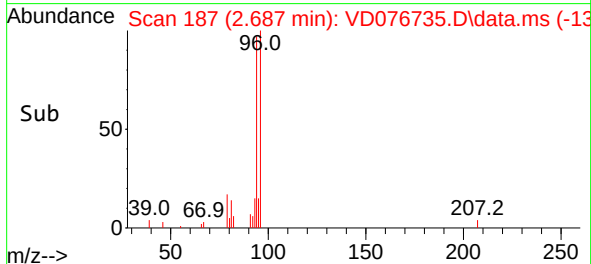
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1389
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.8

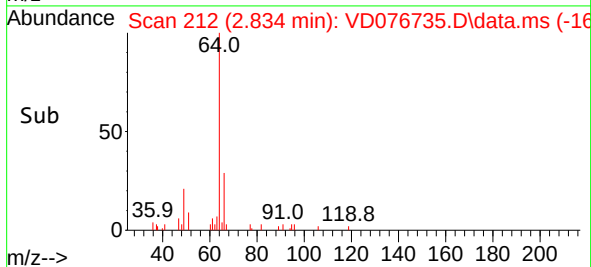
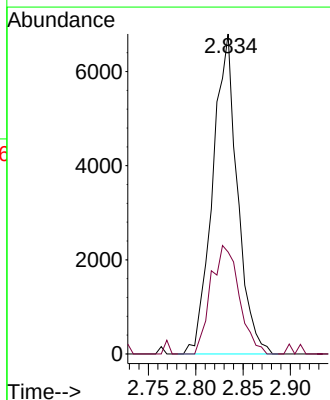
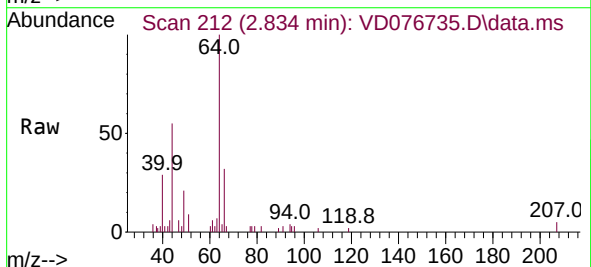
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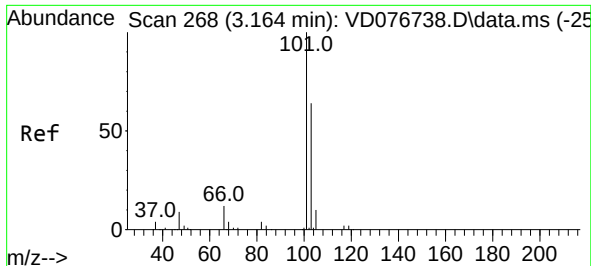
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#6
Chloroethane
Concen: 4.605 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 64 Resp: 12403
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3





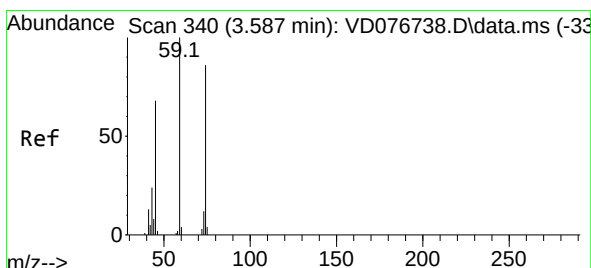
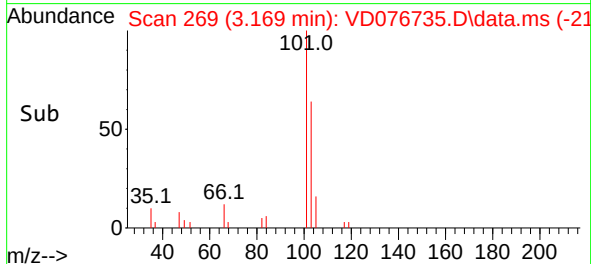
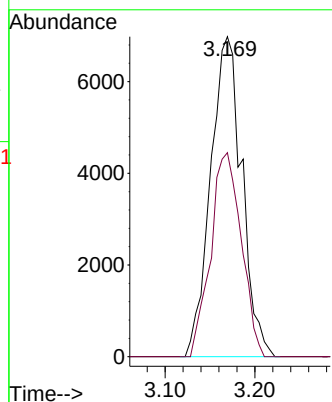
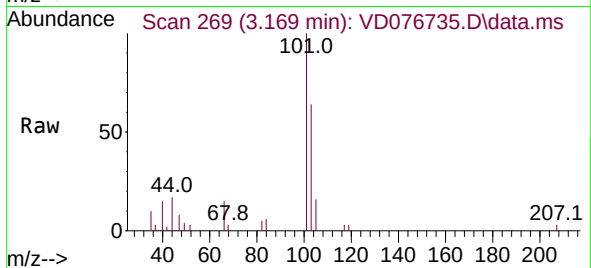
#7
Trichlorofluoromethane
Concen: 5.328 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1691
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

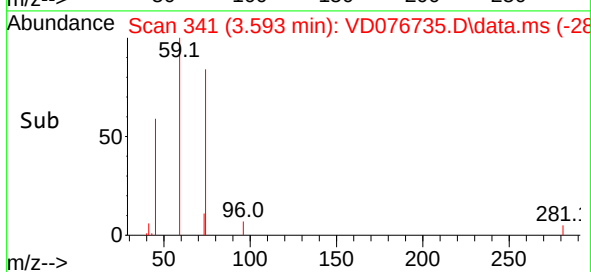
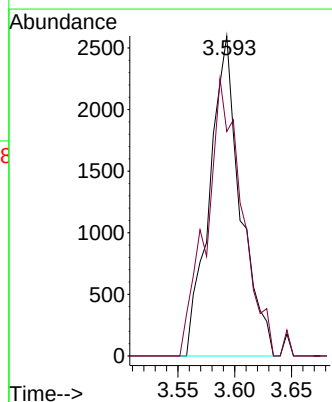
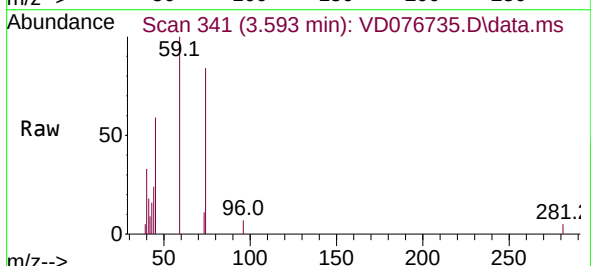
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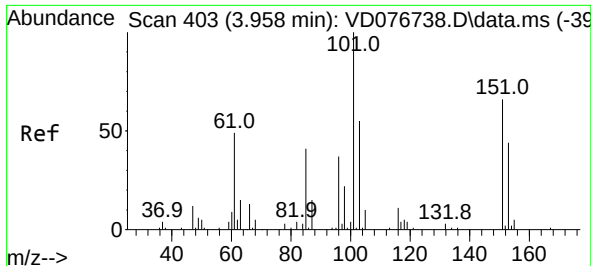
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Diethyl Ether
Concen: 4.506 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 74 Resp: 4924
Ion Ratio Lower Upper
74 100
45 99.5 37.5 112.7





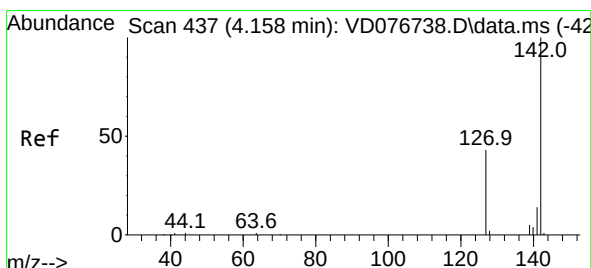
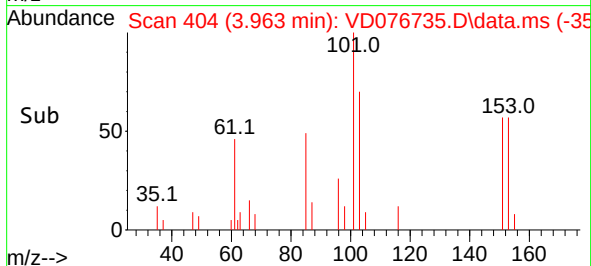
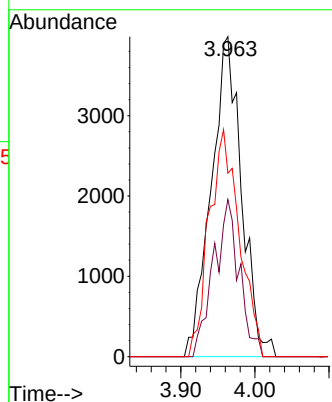
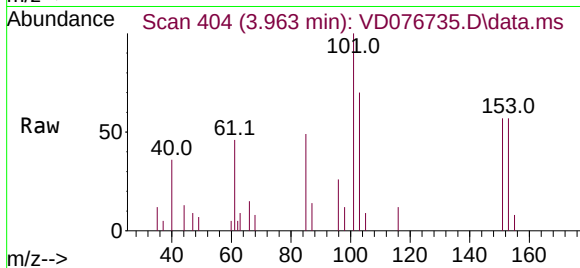
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.433 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 11330
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 70.4 59.8 89.6

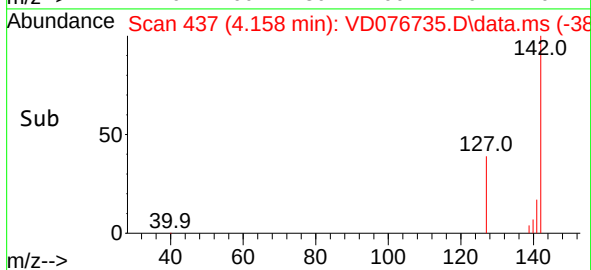
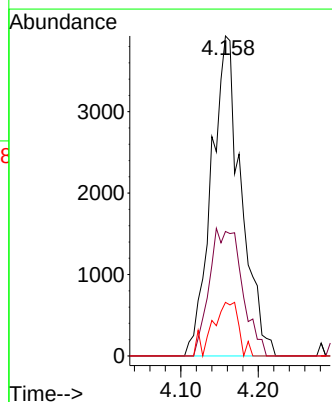
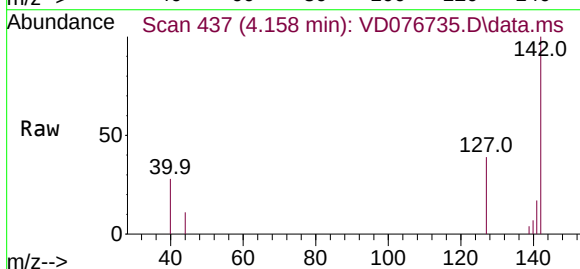
Manual Integrations
APPROVED

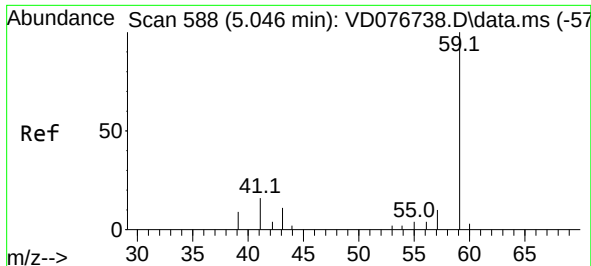
Reviewed By :John Carbone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 4.481 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:142 Resp: 10540
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 15.361 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

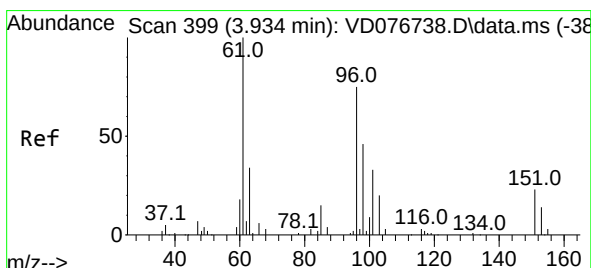
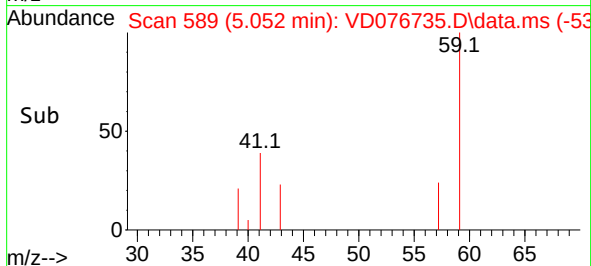
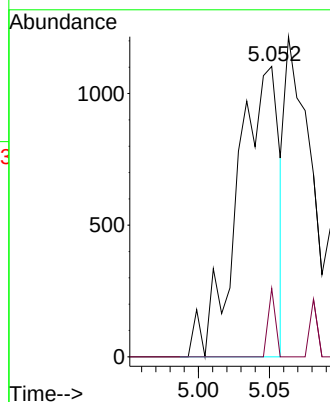
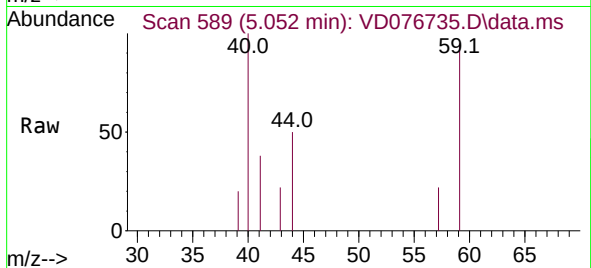
VSTDIC005

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations

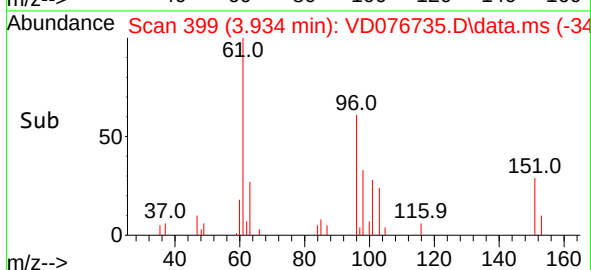
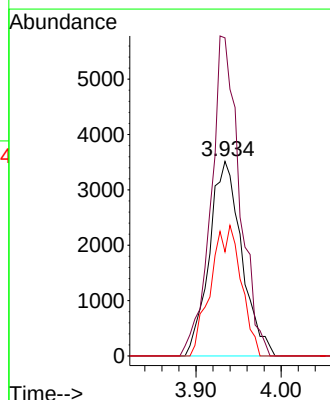
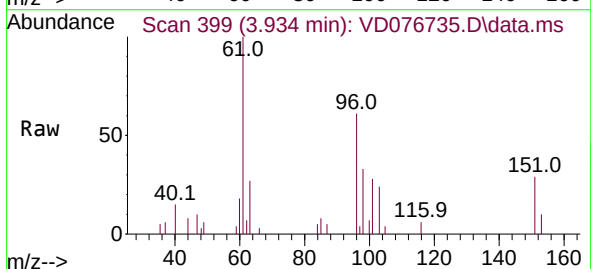
APPROVED

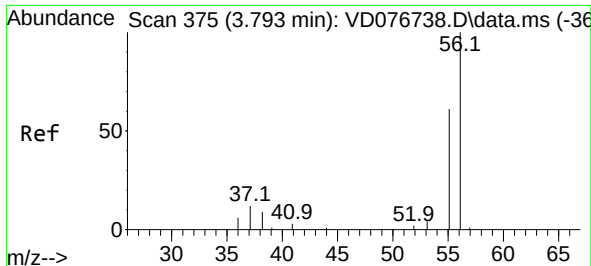
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 4.735 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

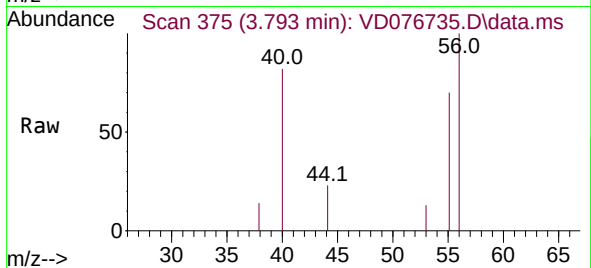
Tgt Ion: 96 Resp: 9283
Ion Ratio Lower Upper
96 100
61 163.4 100.6 150.8#
98 53.5 50.2 75.2





#13
Acrolein
Concen: 39.331 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

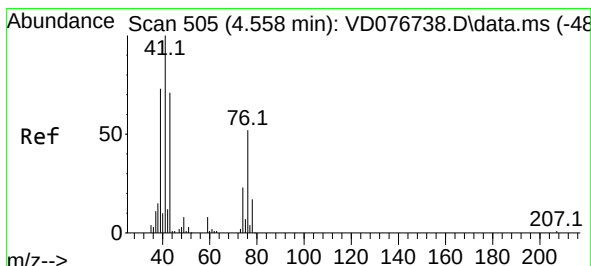
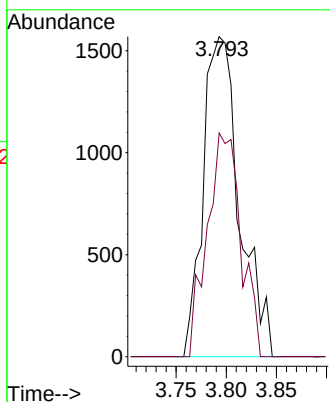
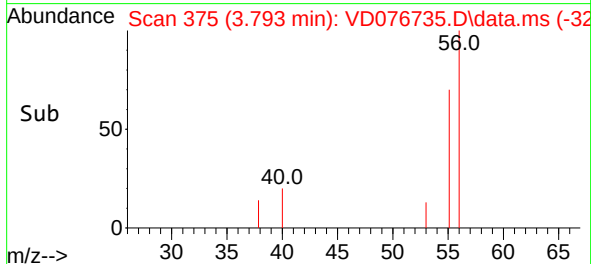
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



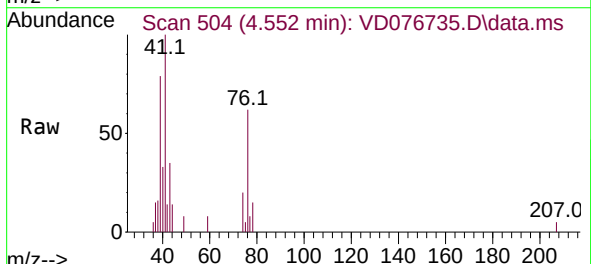
Tgt Ion: 56 Resp: 3952
Ion Ratio Lower Upper
56 100
55 64.8 55.1 82.7

Manual Integrations
APPROVED

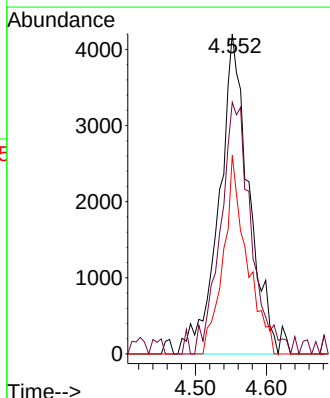
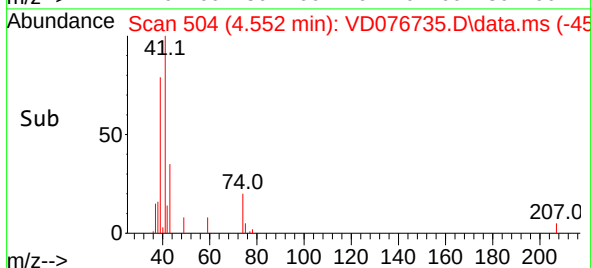
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

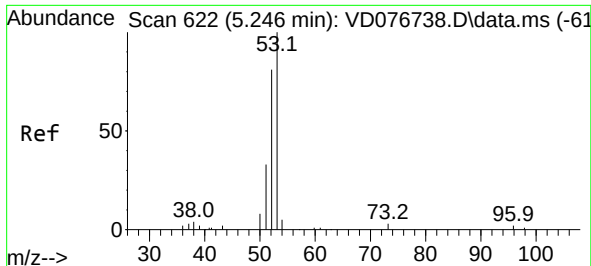


#14
Allyl chloride
Concen: 4.716 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion: 41 Resp: 12144
Ion Ratio Lower Upper
41 100
39 81.3 53.8 80.6#
76 49.2 45.8 68.8





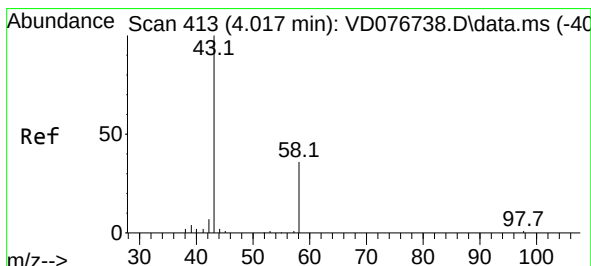
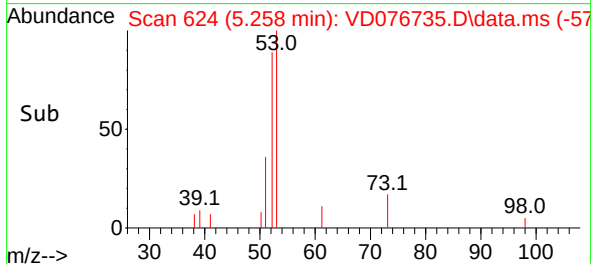
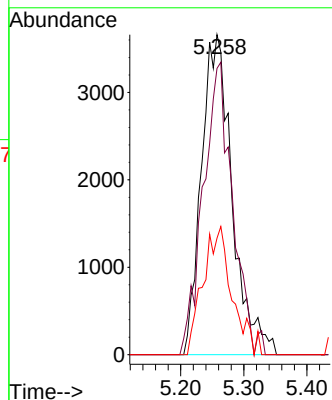
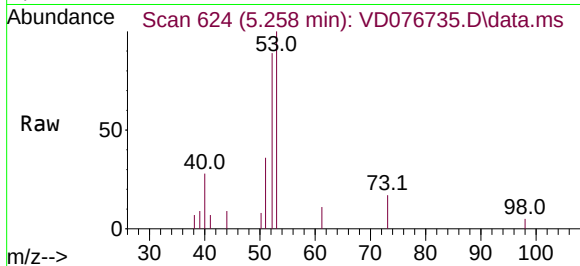
#15
Acrylonitrile
Concen: 23.072 ug/l
RT: 5.258 min Scan# 612
Delta R.T. 0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 12384
Ion Ratio Lower Upper
53 100
52 85.8 65.0 97.4
51 37.8 28.3 42.5

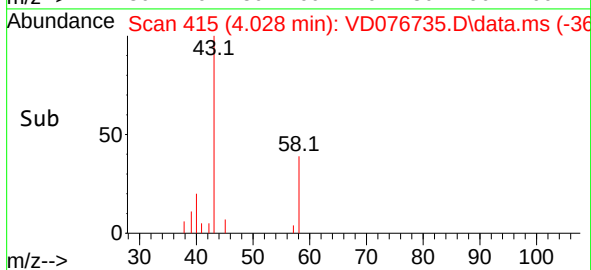
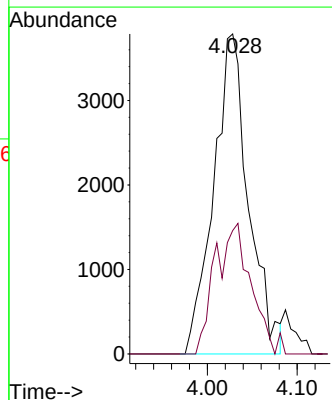
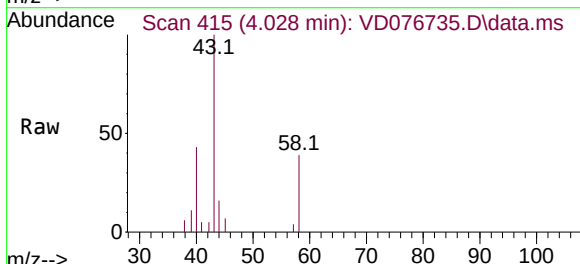
Manual Integrations
APPROVED

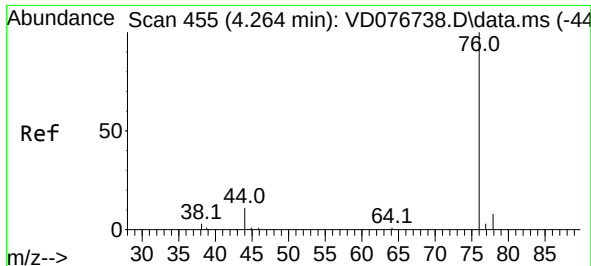
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 21.702 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 10241
Ion Ratio Lower Upper
43 100
58 38.6 34.7 52.1





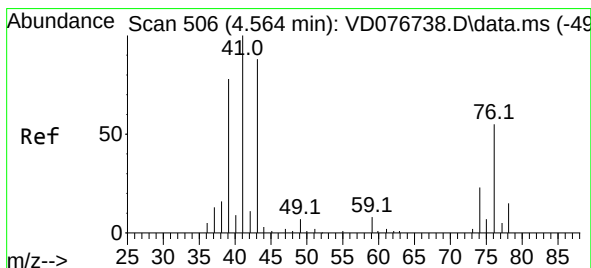
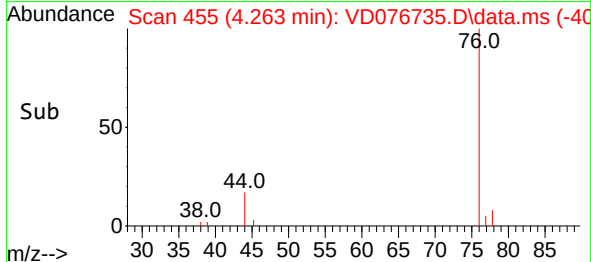
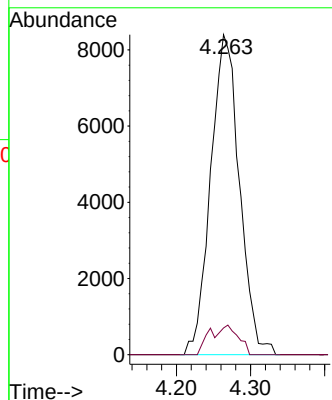
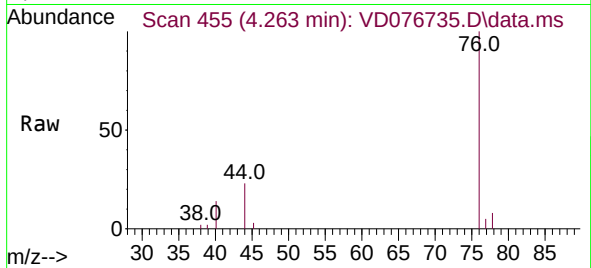
#17
Carbon Disulfide
Concen: 4.960 ug/l
RT: 4.263 min Scan# 411
Delta R.T. -0.001 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 2271
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

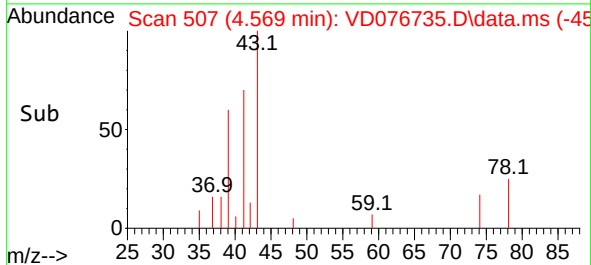
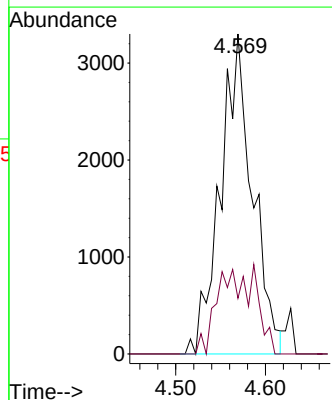
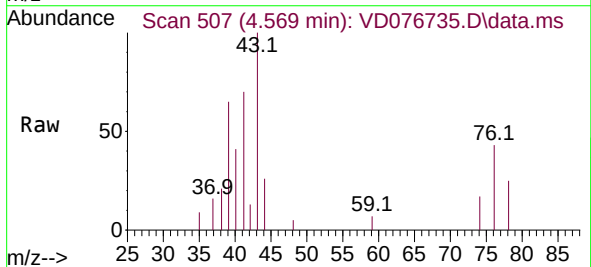
Manual Integrations
APPROVED

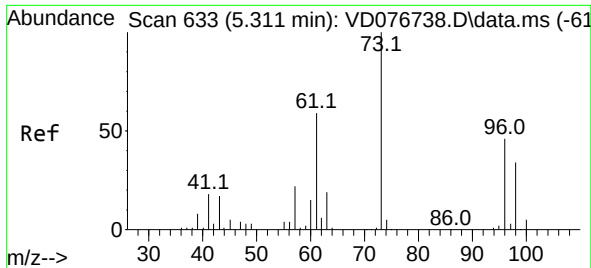
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 4.609 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 8171
Ion Ratio Lower Upper
43 100
74 18.0 26.4 39.6#





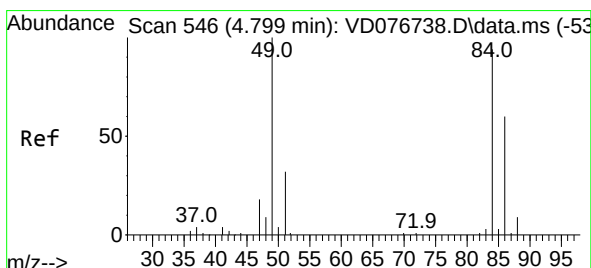
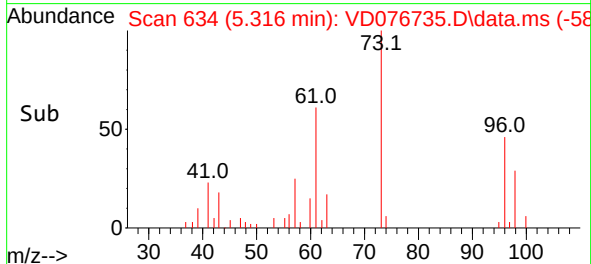
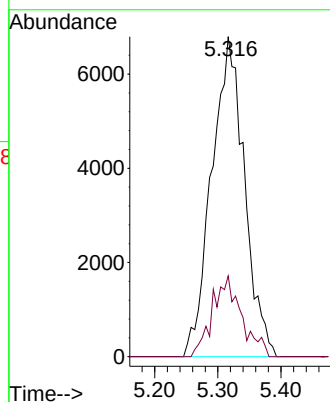
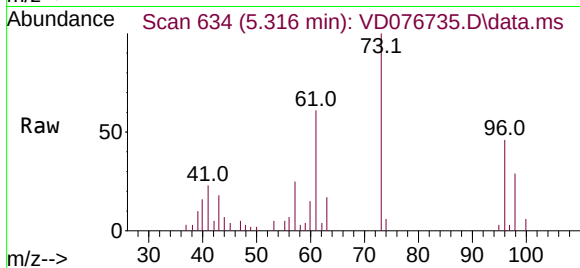
#19
Methyl tert-butyl Ether
Concen: 4.655 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 24469
Ion Ratio Lower Upper
73 100
57 25.3 16.6 25.0

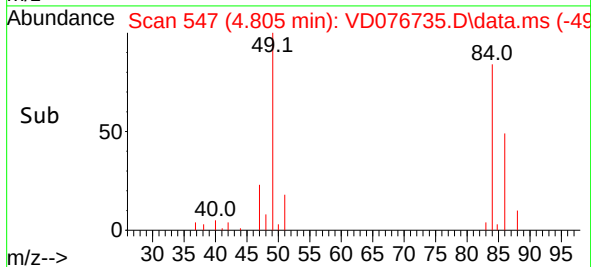
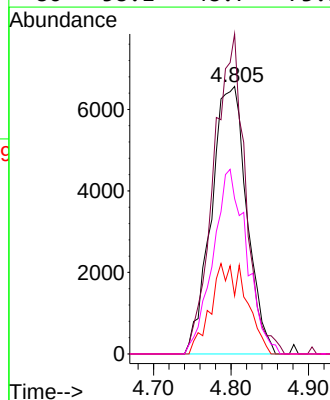
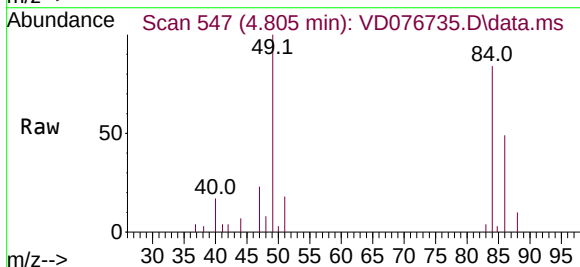
Manual Integrations
APPROVED

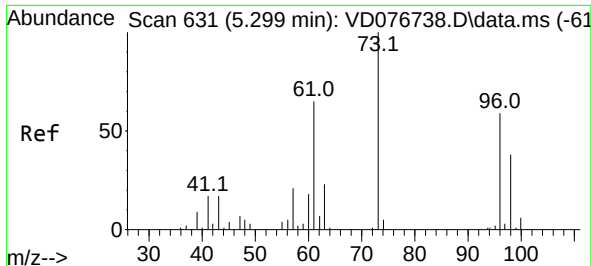
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

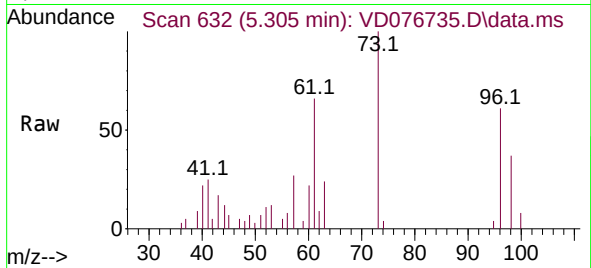
Tgt Ion: 84 Resp: 20911
Ion Ratio Lower Upper
84 100
49 119.6 71.4 107.2#
51 21.8 24.5 36.7#
86 58.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 4.805 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

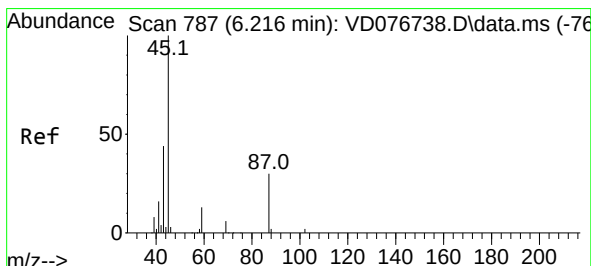
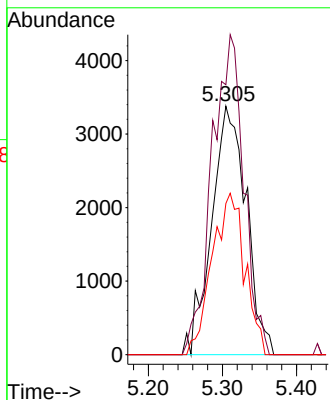
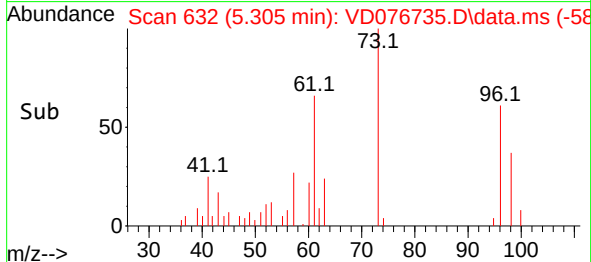
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 10948
Ion Ratio Lower Upper
96 100
61 108.6 89.3 133.9
98 60.8 48.6 73.0

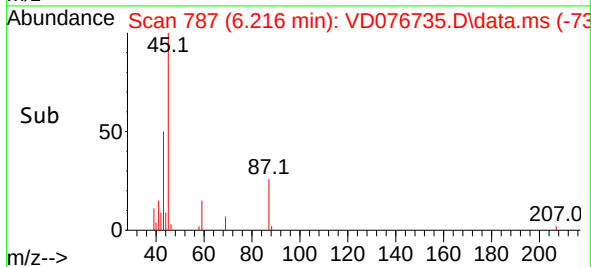
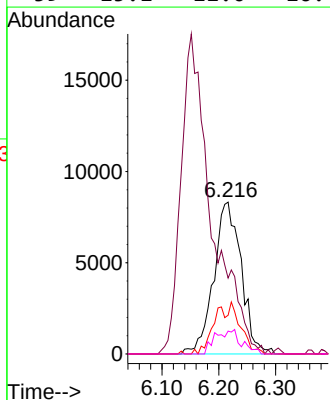
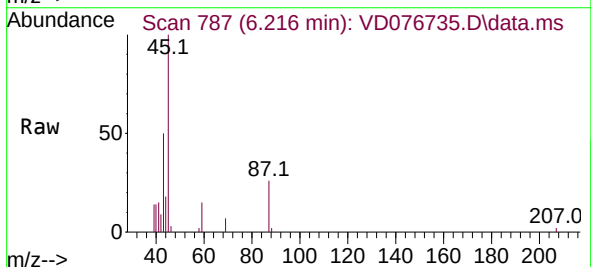
Manual Integrations
APPROVED

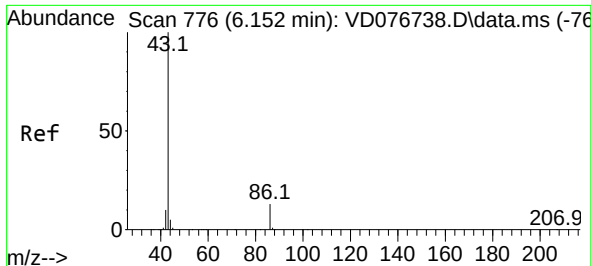
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#22
Diisopropyl ether
Concen: 4.579 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 45 Resp: 27921
Ion Ratio Lower Upper
45 100
43 45.9 40.0 60.0
87 25.5 28.2 42.4#
59 15.1 11.0 16.4





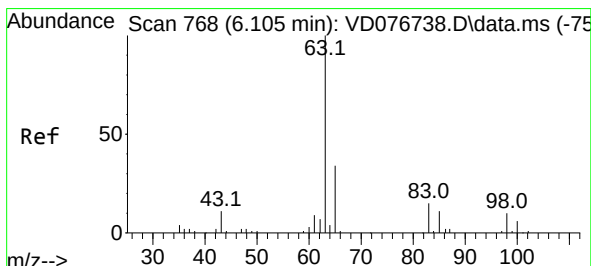
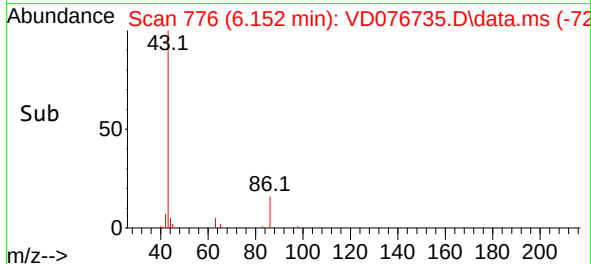
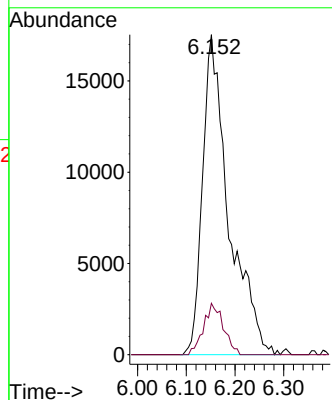
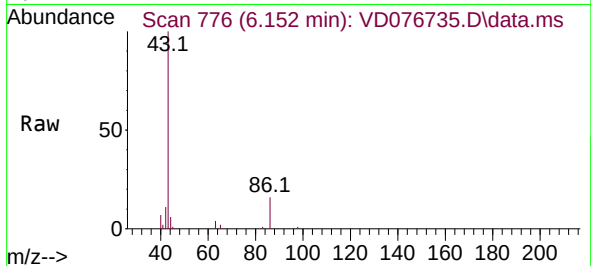
#23
 Vinyl Acetate
 Concen: 21.748 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 6561
 Ion Ratio Lower Upper
 43 100
 86 16.1 12.5 18.7

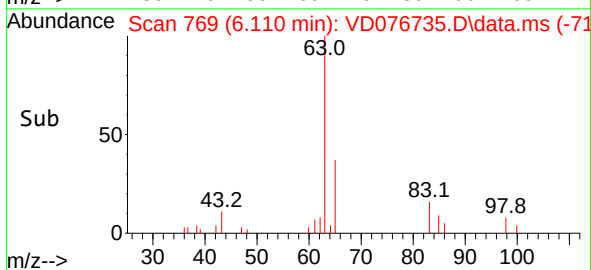
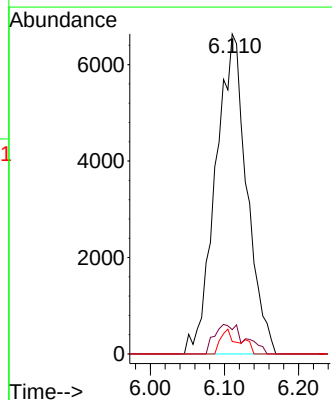
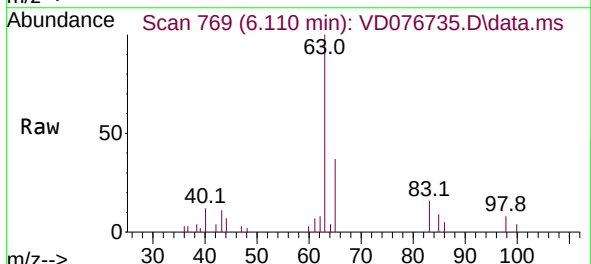
Manual Integrations
 APPROVED

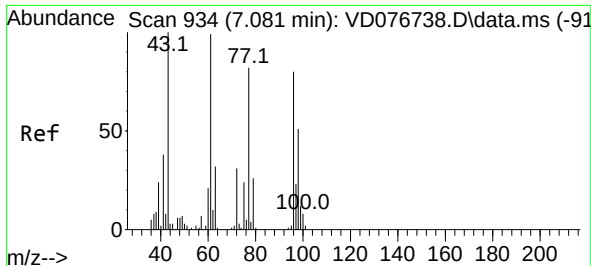
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 4.726 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 63 Resp: 19429
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 3.9 2.5 7.5





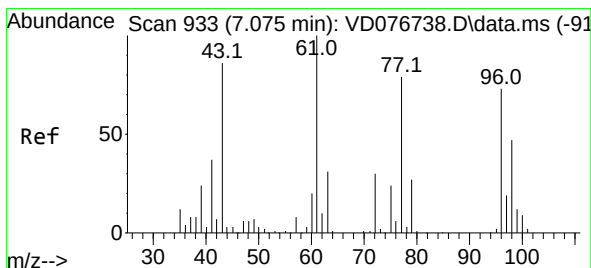
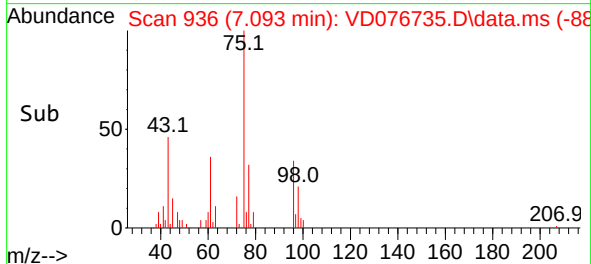
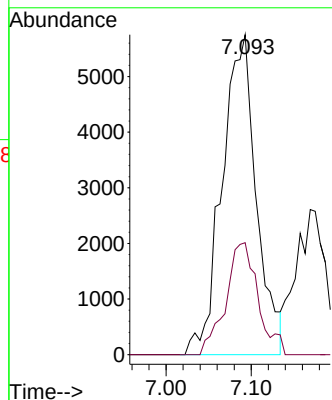
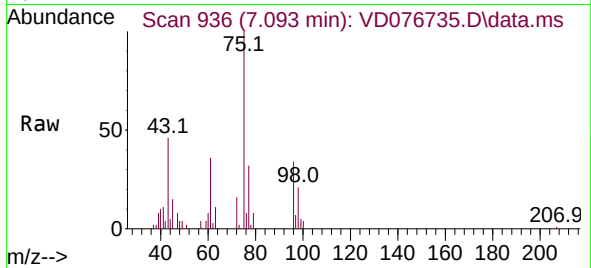
#25
2-Butanone
Concen: 25.408 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
72 35.0 30.7 46.1

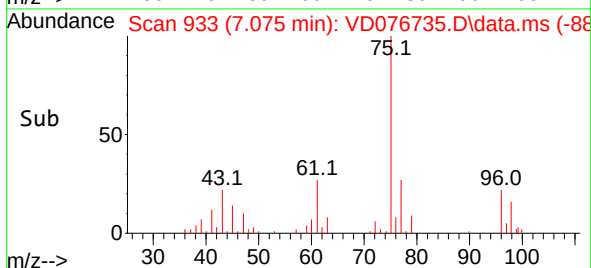
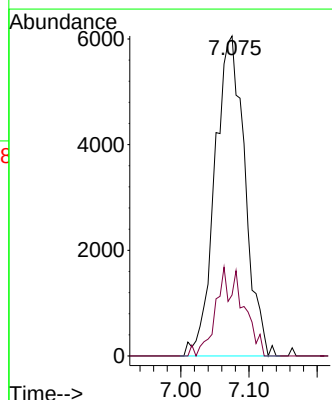
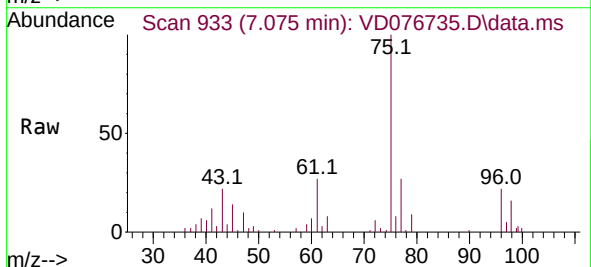
Manual Integrations
APPROVED

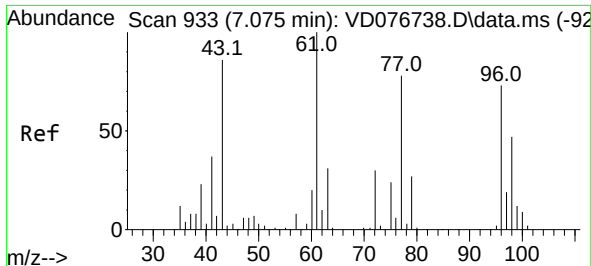
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 5.226 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

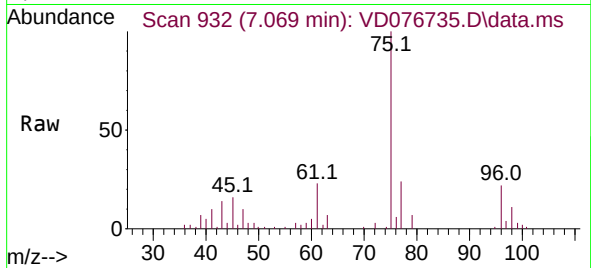
Tgt Ion: 77 Resp: 18523
Ion Ratio Lower Upper
77 100
97 14.2 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.918 ug/l
 RT: 7.069 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

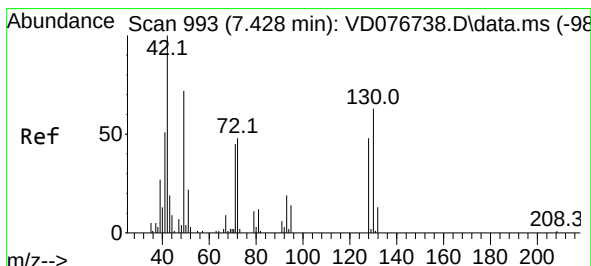
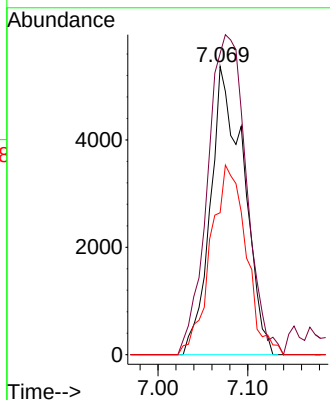
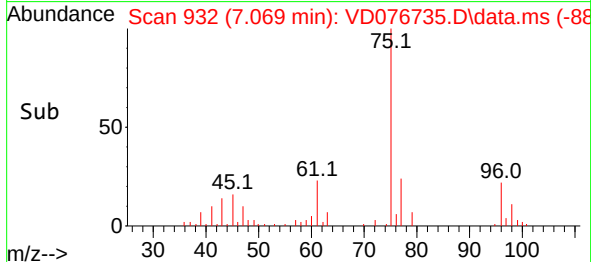
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005



Tgt Ion: 96 Resp: 13814
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 239.2
 98 70.2 0.0 128.6

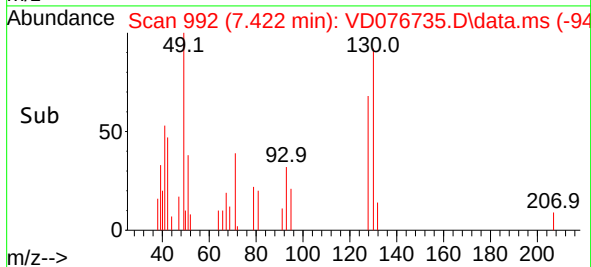
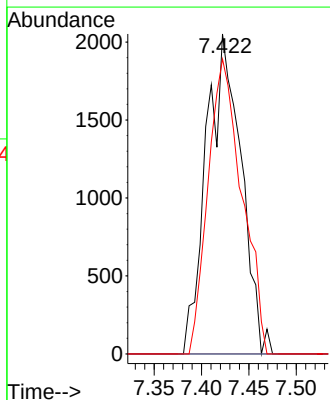
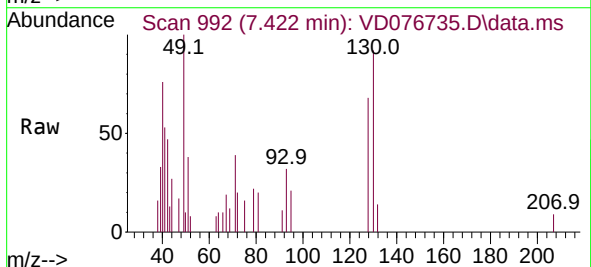
Manual Integrations
 APPROVED

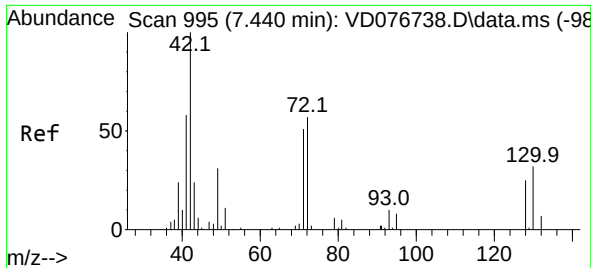
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 5.102 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion: 49 Resp: 5244
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 89.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 22.551 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

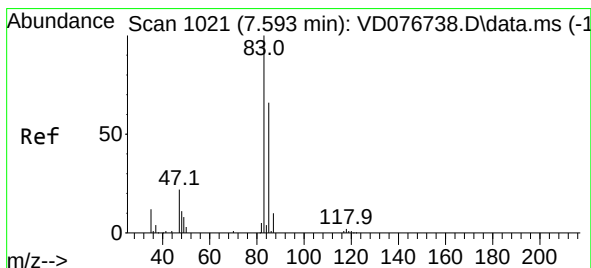
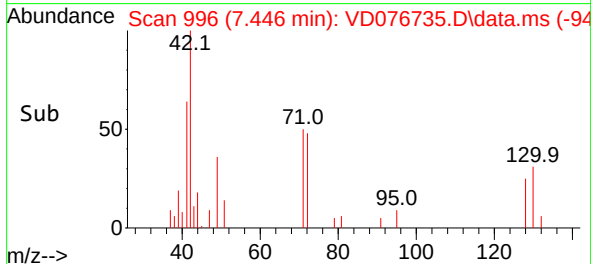
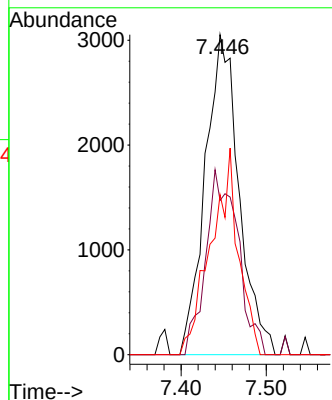
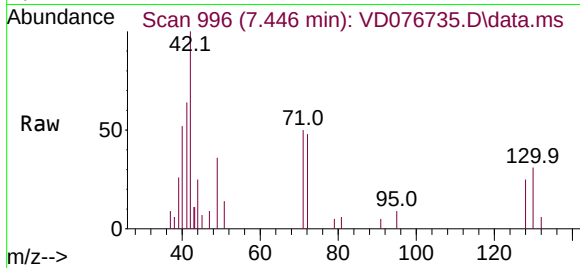
Tgt Ion:	42	Resp:	841
Ion Ratio	Lower	Upper	
42	100		
72	54.8	46.5	69.7
71	52.4	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 4.765 ug/l

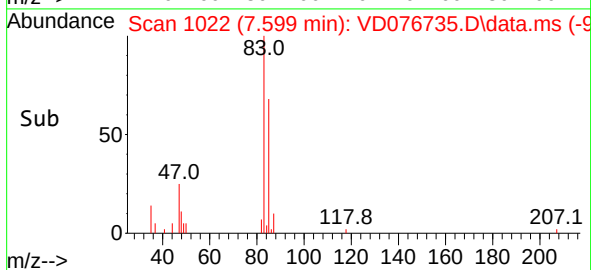
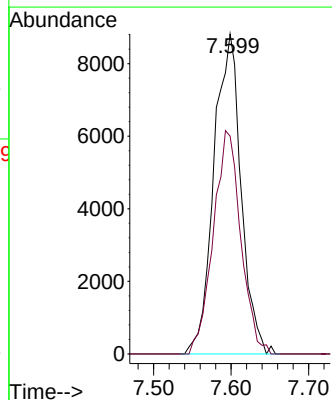
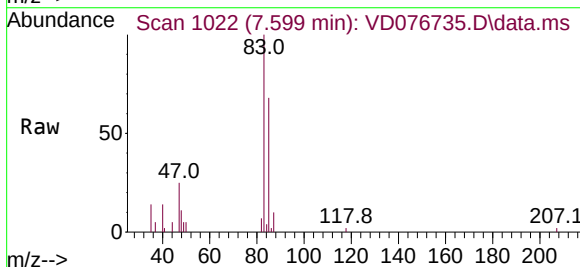
RT: 7.599 min Scan# 1022

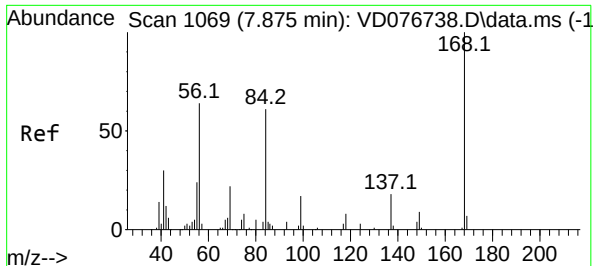
Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

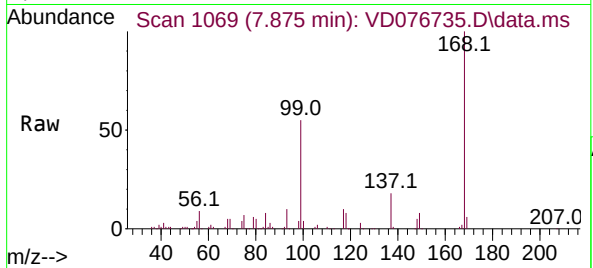
Tgt Ion:	83	Resp:	21456
Ion Ratio	Lower	Upper	
83	100		
85	68.1	53.4	80.2





#31
Cyclohexane
Concen: 5.932 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

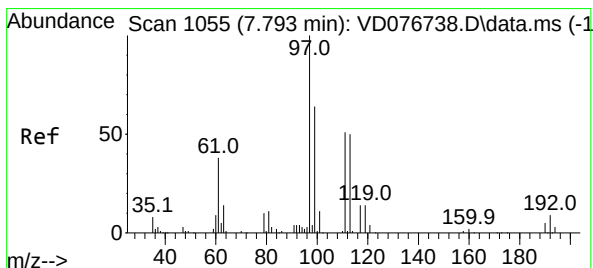
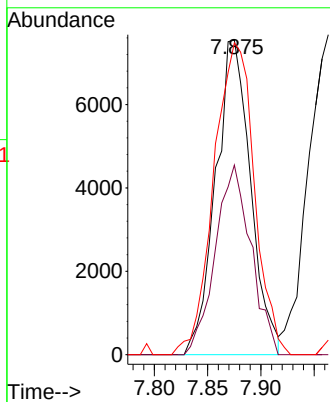
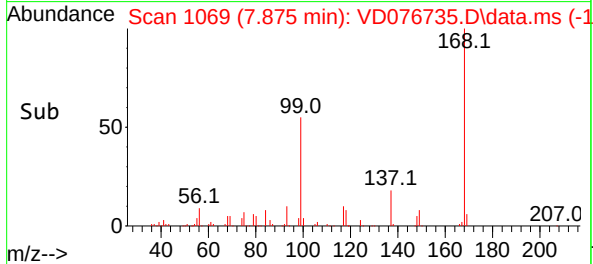
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



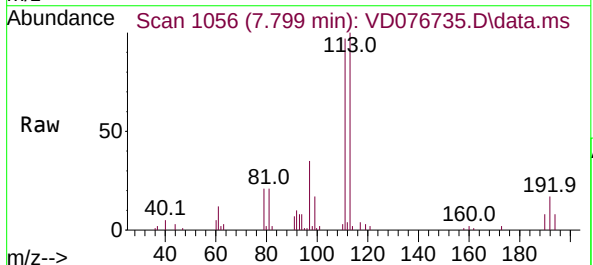
Tgt Ion: 56 Resp: 17249
Ion Ratio Lower Upper
56 100
69 60.3 28.6 43.0
84 96.6 84.8 127.2

Manual Integrations
APPROVED

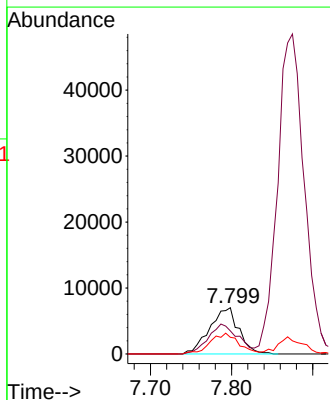
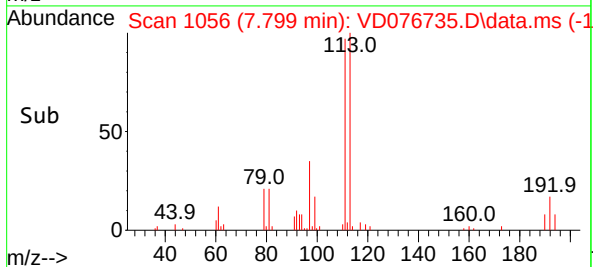
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

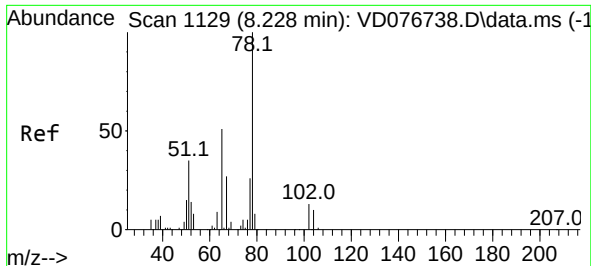


#32
1,1,1-Trichloroethane
Concen: 4.796 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion: 97 Resp: 17426
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 22.087 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 4364

Ion Ratio Lower Upper

65 100

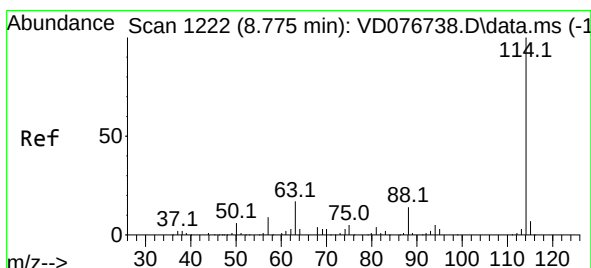
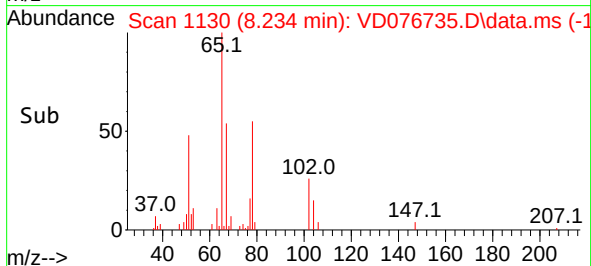
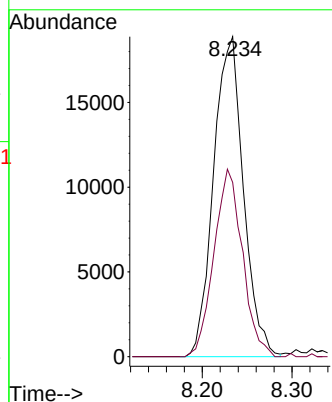
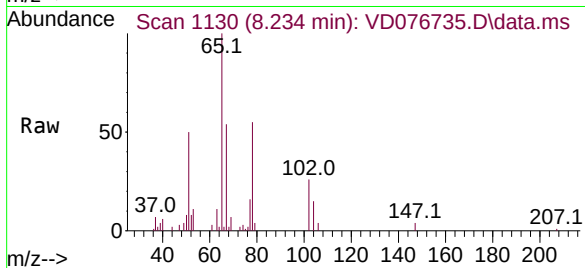
67 56.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

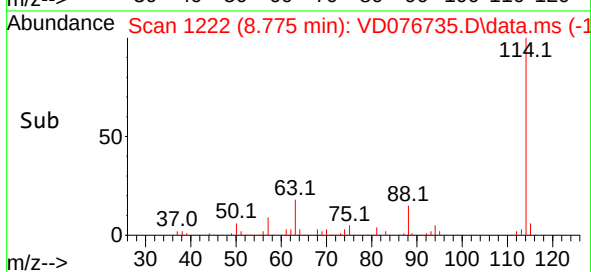
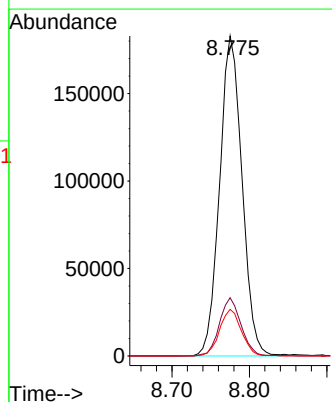
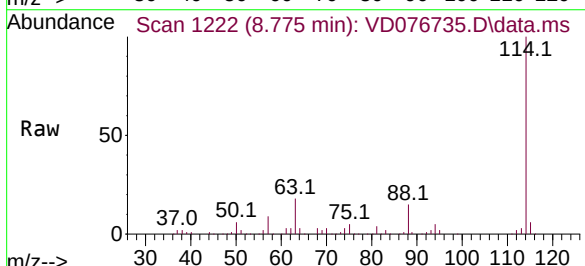
Tgt Ion:114 Resp: 368707

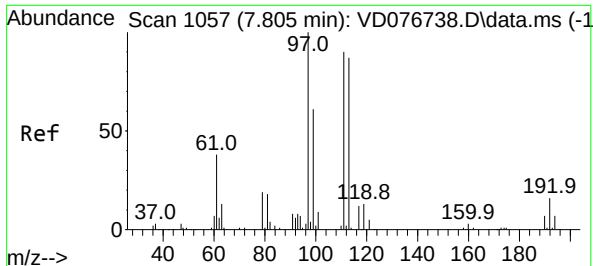
Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 22.175 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 51378

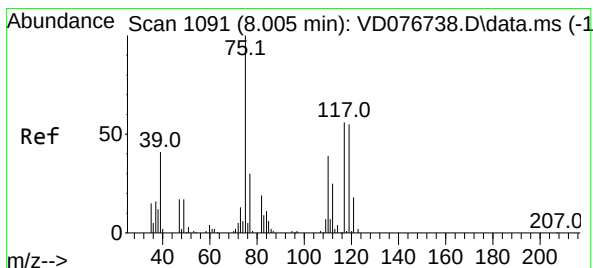
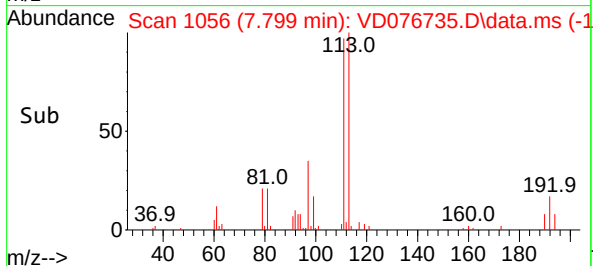
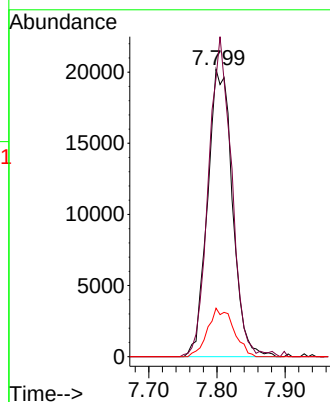
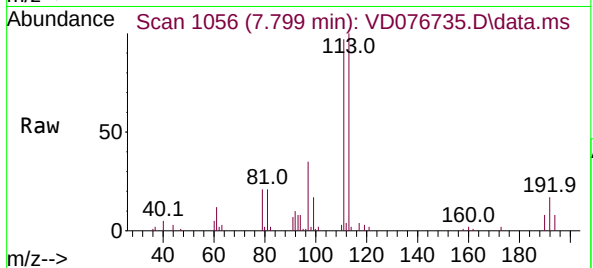
Ion	Ratio	Lower	Upper
113	100		
111	103.7	84.7	127.1
192	17.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/17/2023

Supervised By : Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 4.763 ug/l

RT: 8.010 min Scan# 1092

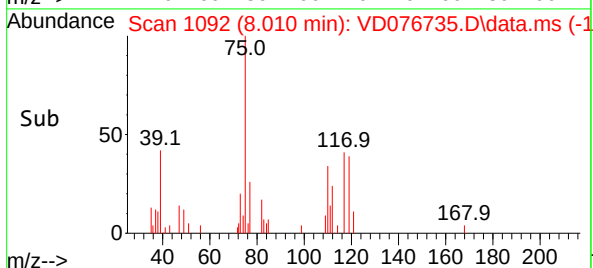
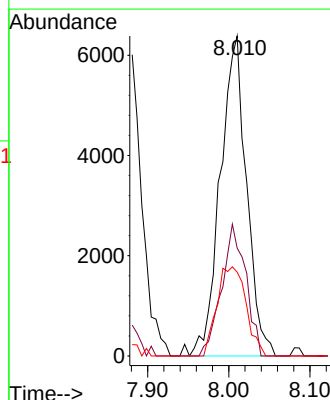
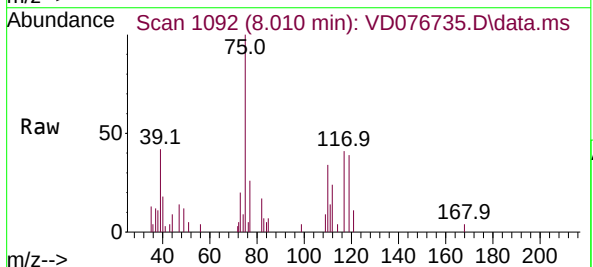
Delta R.T. 0.005 min

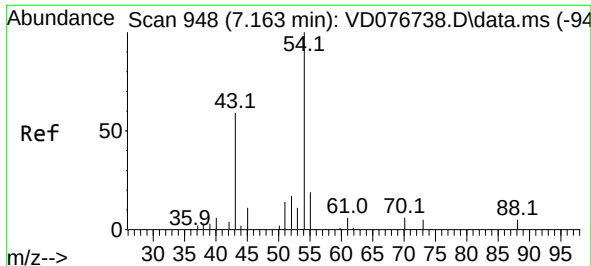
Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Tgt Ion: 75 Resp: 14420

Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.9	59.6
77	30.7	24.7	37.1





#37

Ethyl Acetate

Concen: 4.744 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 642

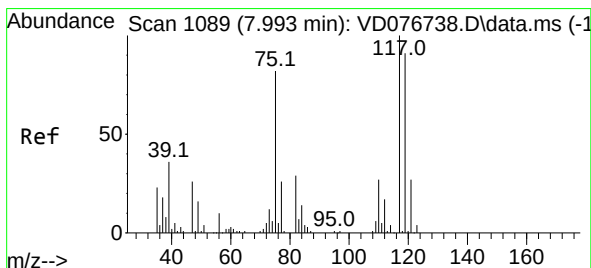
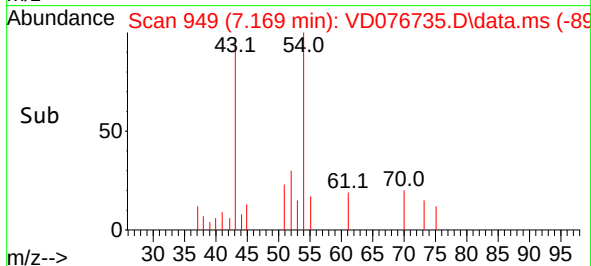
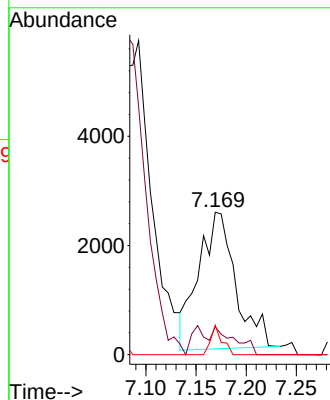
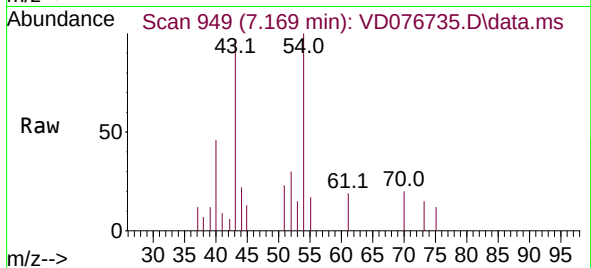
Ion	Ratio	Lower	Upper
43	100		
61	12.1	14.9	22.3
70	6.5	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#38

Carbon Tetrachloride

Concen: 4.503 ug/l

RT: 7.987 min Scan# 1088

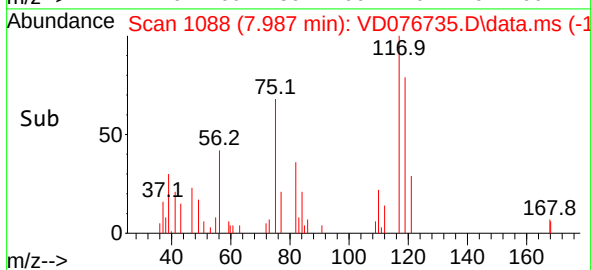
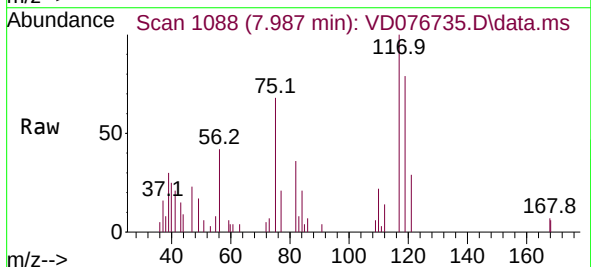
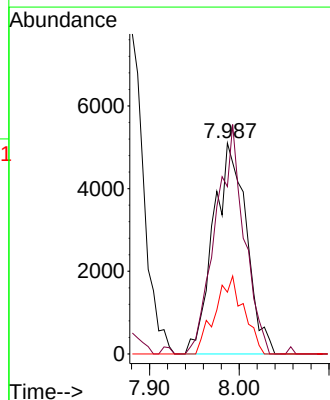
Delta R.T. -0.006 min

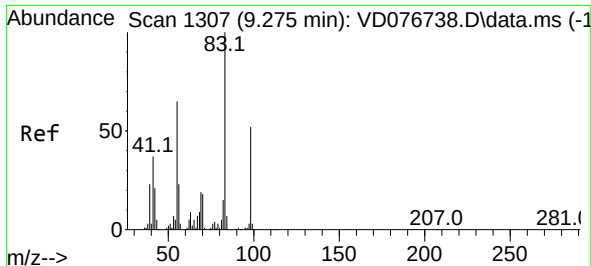
Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Tgt Ion:117 Resp: 13054

Ion	Ratio	Lower	Upper
117	100		
119	79.3	78.0	117.0
121	29.3	24.2	36.2





#39

Methylcyclohexane

Concen: 4.796 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076735.D

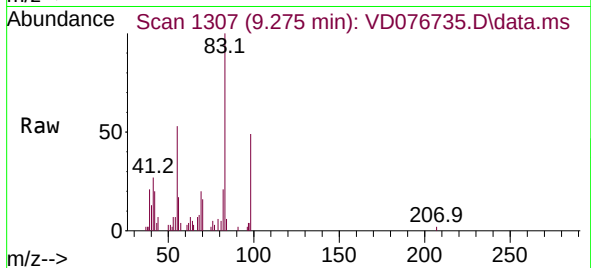
Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005



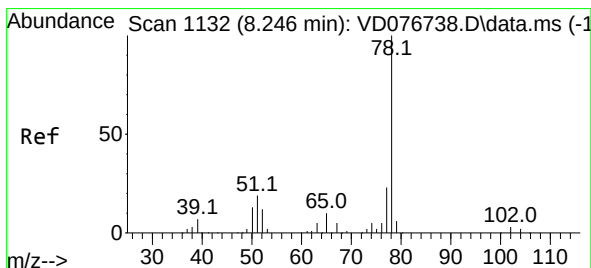
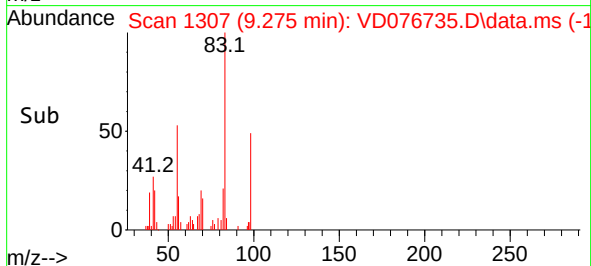
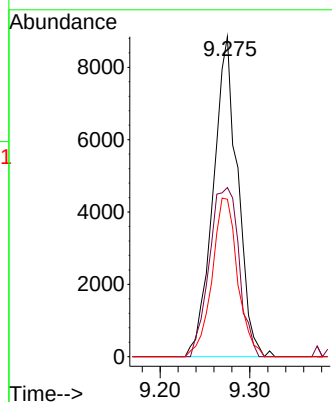
Tgt Ion: 83	Resp: 1676
Ion Ratio	Lower Upper
83 100	
55 52.9	49.4 74.0
98 49.2	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 4.633 ug/l

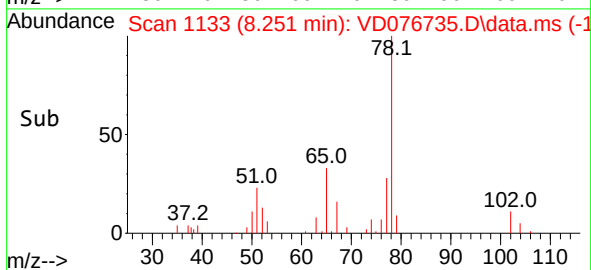
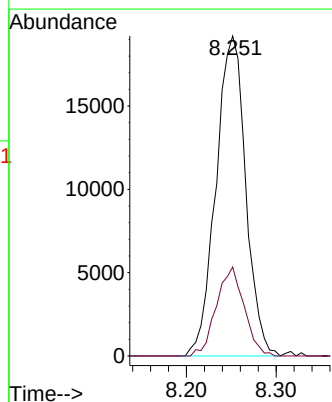
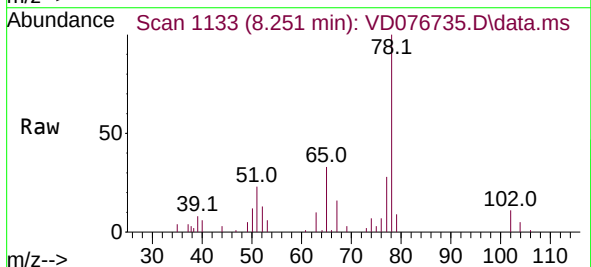
RT: 8.251 min Scan# 1133

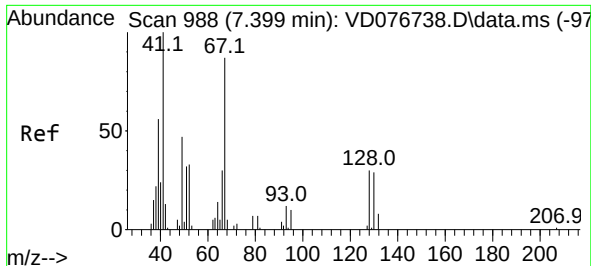
Delta R.T. 0.005 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

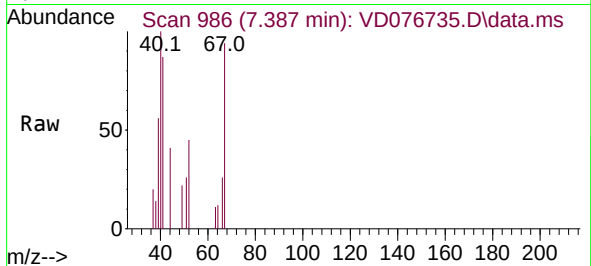
Tgt Ion: 78	Resp: 44256
Ion Ratio	Lower Upper
78 100	
77 27.8	19.4 29.0





#41
Methacrylonitrile
Concen: 2.137 ug/l
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

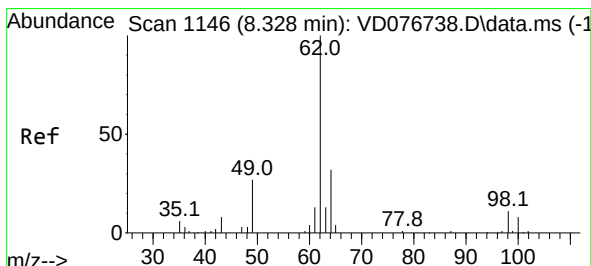
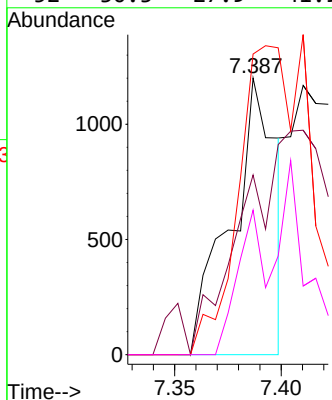
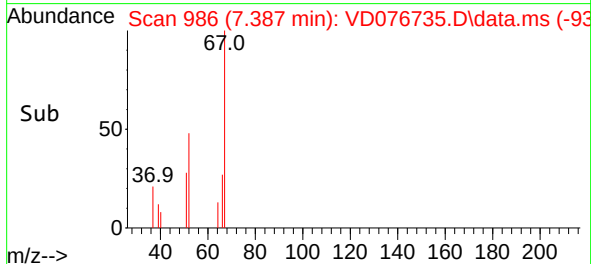
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



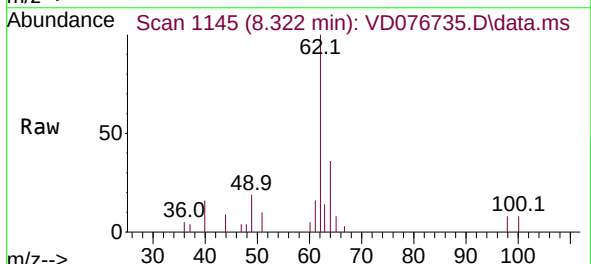
Tgt Ion: 41 Resp: 176
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0
67 0.0 77.0 115.4
52 30.3 27.9 41.9

Manual Integrations
APPROVED

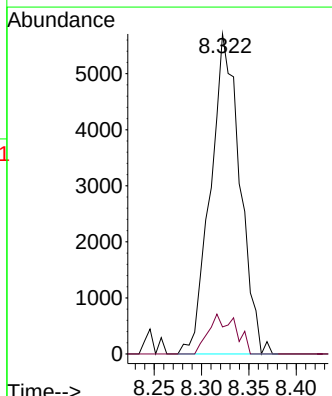
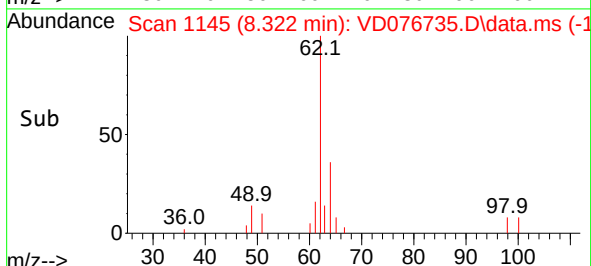
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

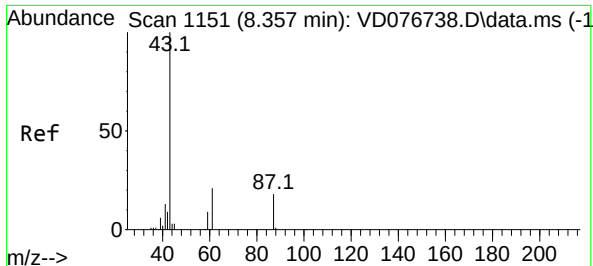


#42
1,2-Dichloroethane
Concen: 4.978 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion: 62 Resp: 12356
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 4.538 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

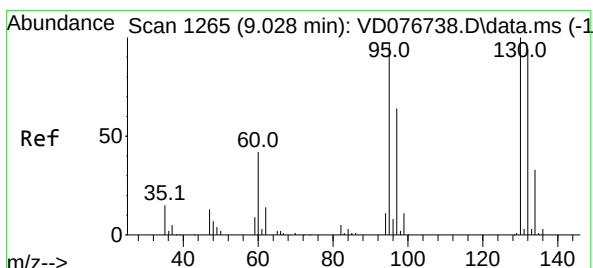
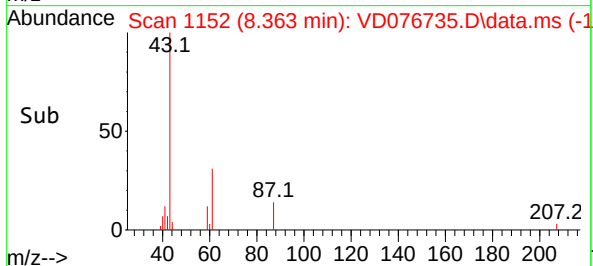
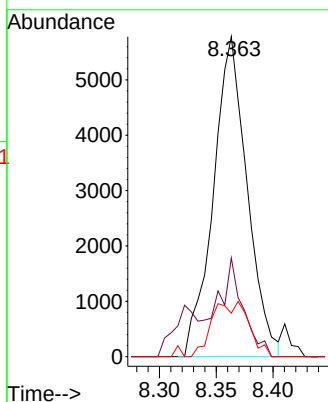
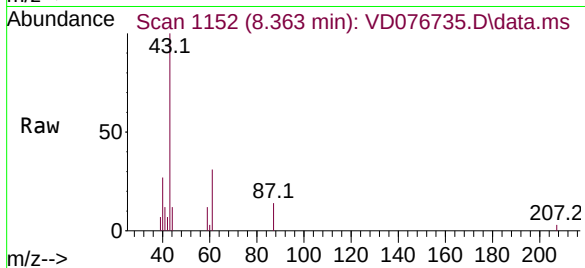
Tgt Ion: 43	Resp: 11992
Ion Ratio	Lower Upper
43 100	
61 22.0	31.4 47.0
87 18.7	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#44

Trichloroethene

Concen: 4.962 ug/l

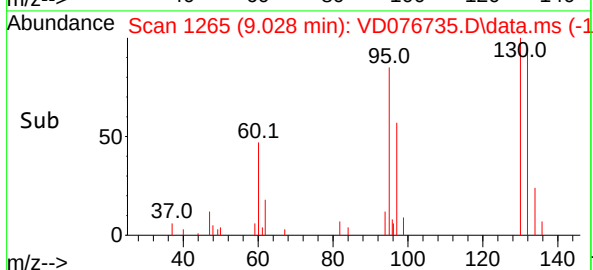
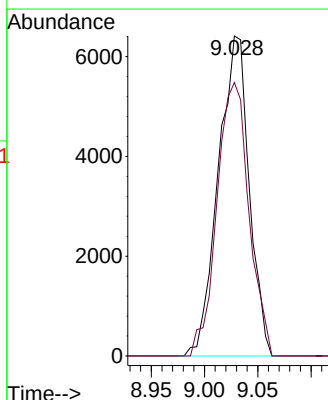
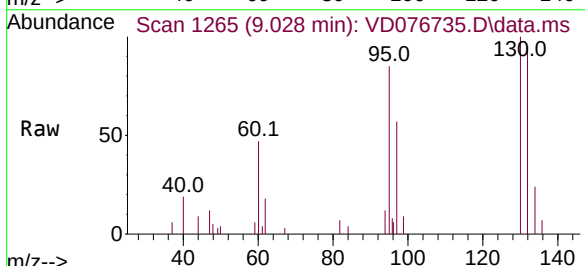
RT: 9.028 min Scan# 1265

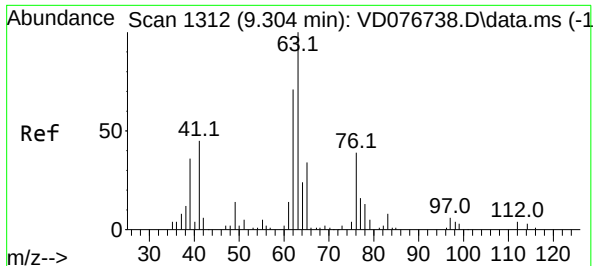
Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Tgt Ion:130	Resp: 12918
Ion Ratio	Lower Upper
130 100	
95 85.5	0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.939 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 12179

Ion Ratio Lower Upper

63 100

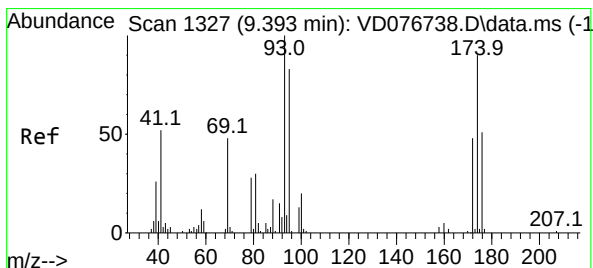
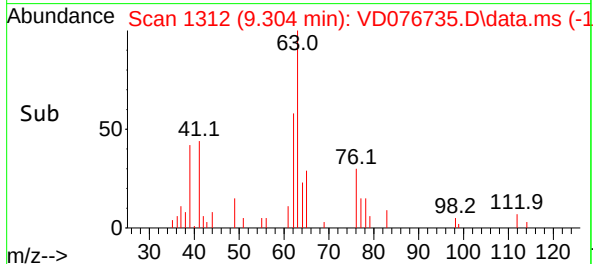
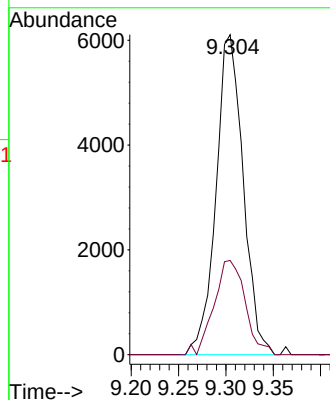
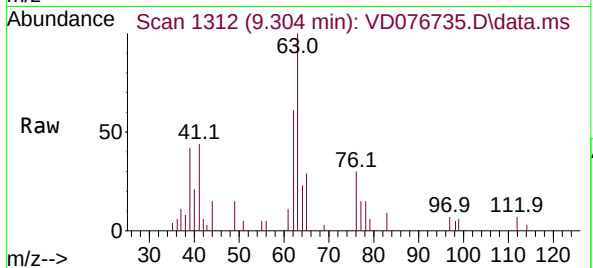
65 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 4.511 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

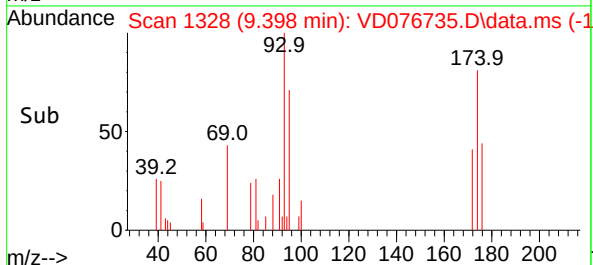
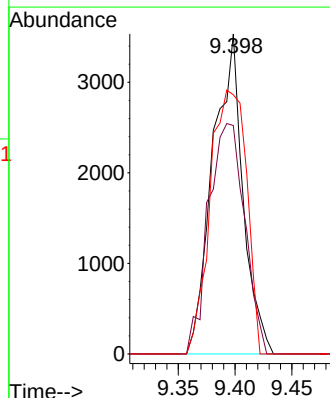
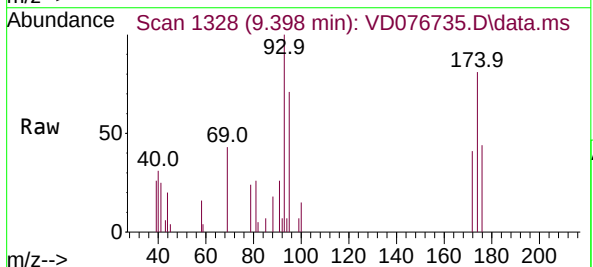
Tgt Ion: 93 Resp: 6512

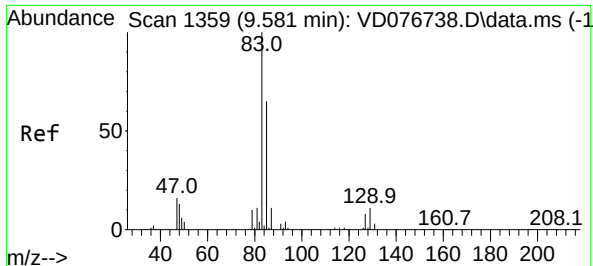
Ion Ratio Lower Upper

93 100

95 86.3 67.7 101.5

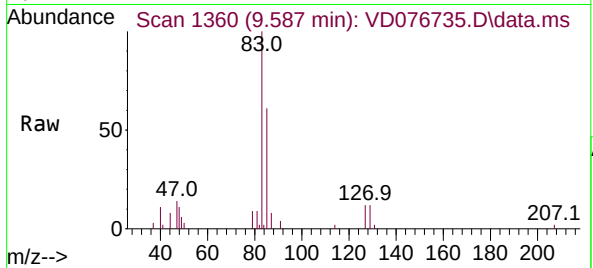
174 99.4 85.4 128.2





#47
Bromodichloromethane
Concen: 4.654 ug/l
RT: 9.587 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

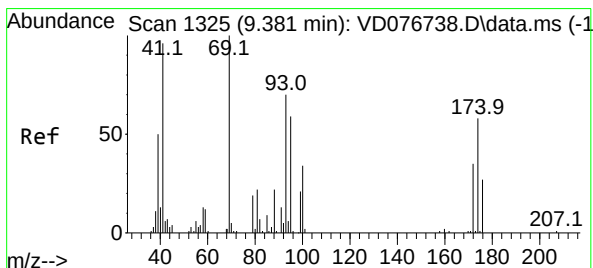
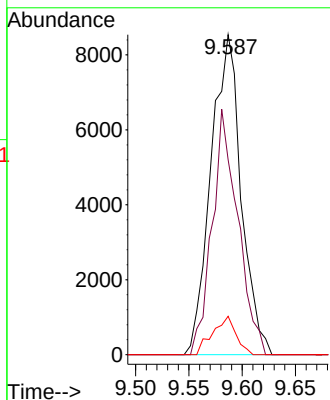
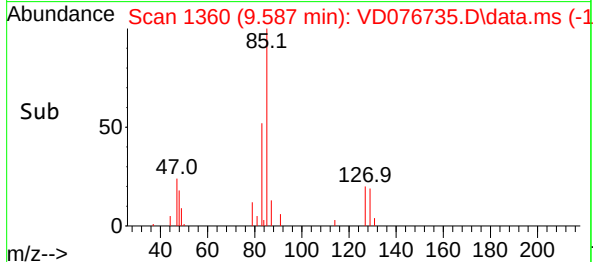
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



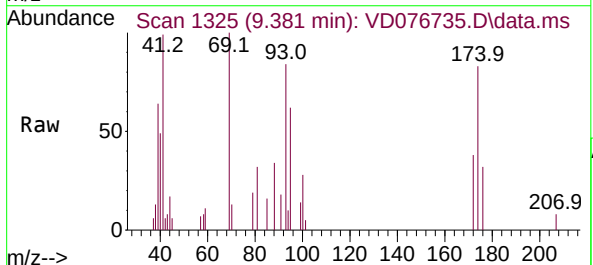
Tgt Ion: 83 Resp: 1685
Ion Ratio Lower Upper
83 100
85 60.9 50.2 75.4
127 12.0 6.3 9.5

Manual Integrations
APPROVED

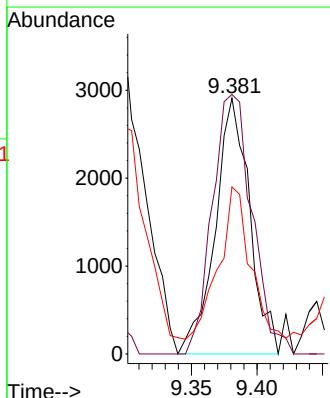
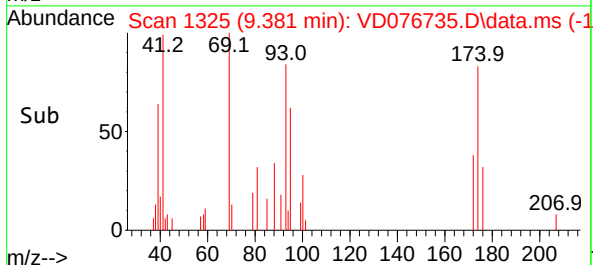
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

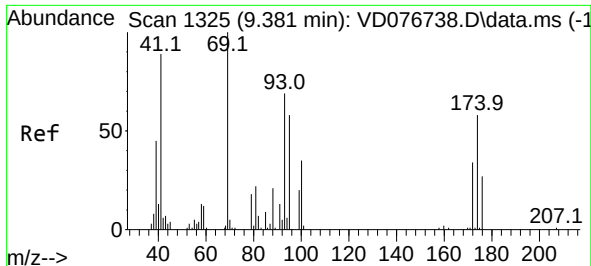


#48
Methyl methacrylate
Concen: 4.401 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



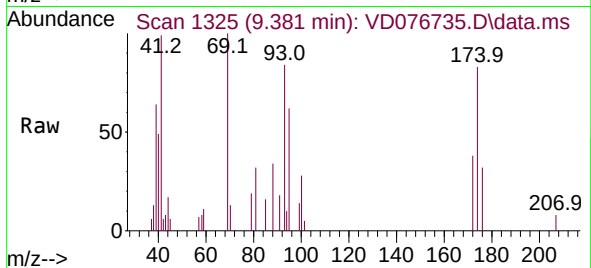
Tgt Ion: 41 Resp: 5293
Ion Ratio Lower Upper
41 100
69 117.6 102.2 153.2
39 68.9 41.4 62.2





#49
1,4-Dioxane
Concen: 95.385 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

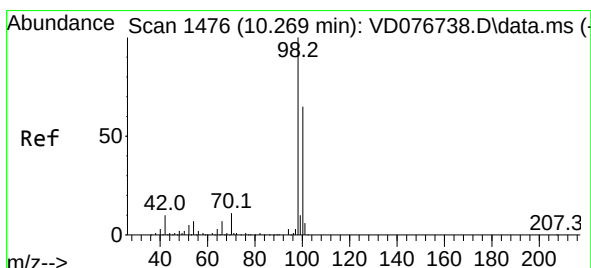
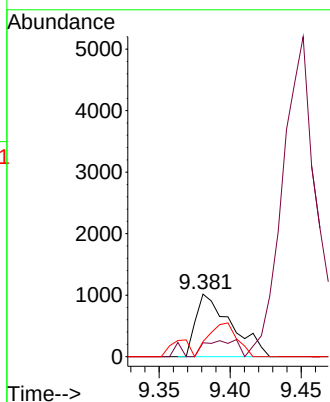
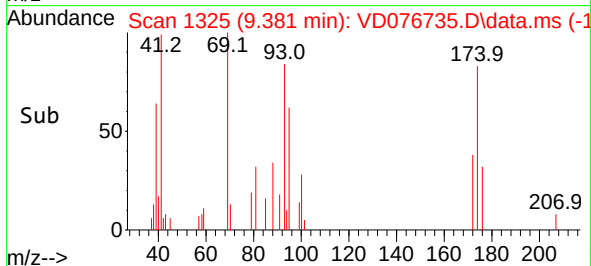
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



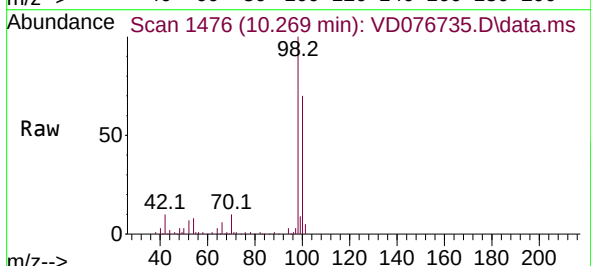
Tgt Ion: 88 Resp: 1764
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6
58 14.3 43.5 65.3

Manual Integrations
APPROVED

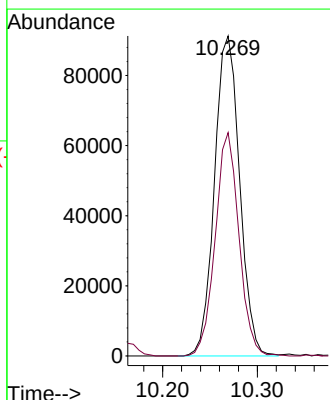
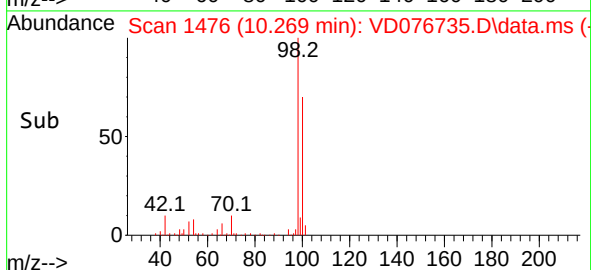
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

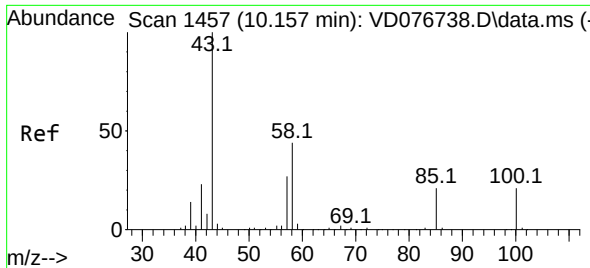


#50
Toluene-d8
Concen: 20.310 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



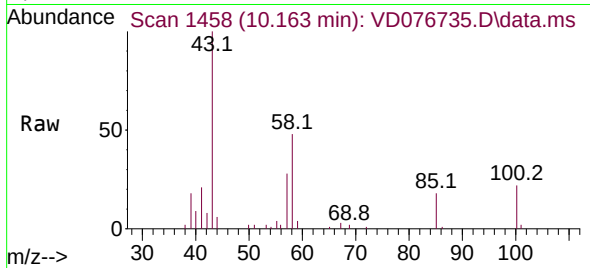
Tgt Ion: 98 Resp: 168342
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 21.785 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

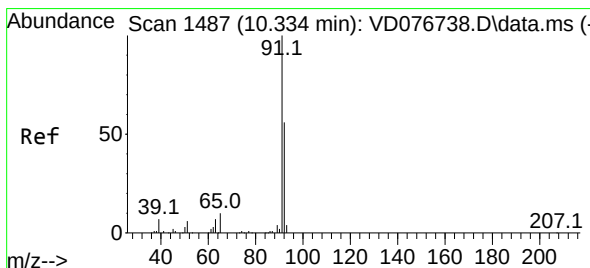
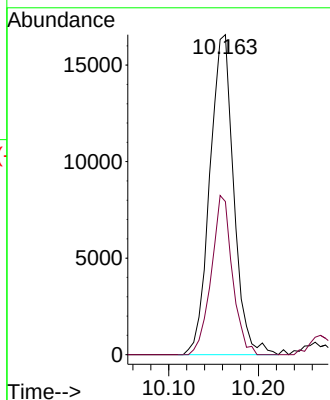
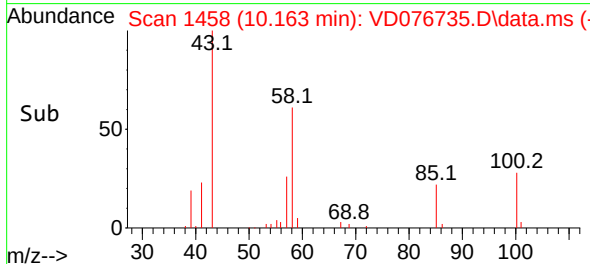
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 30650
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3

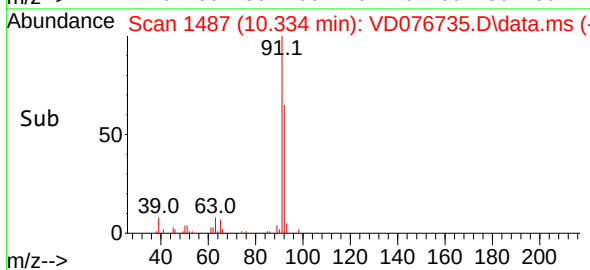
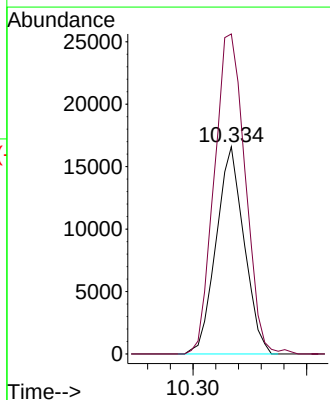
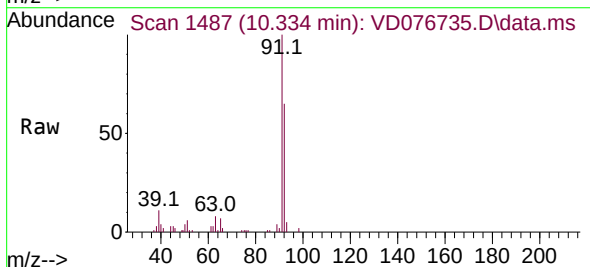
Manual Integrations
APPROVED

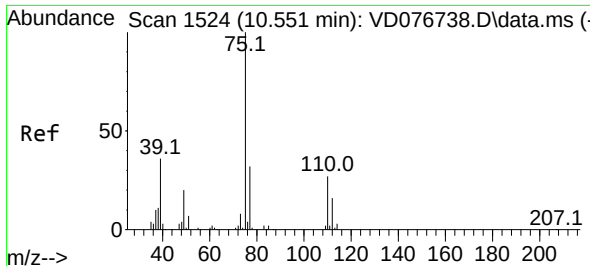
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 4.519 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 92 Resp: 28356
Ion Ratio Lower Upper
92 100
91 170.6 143.0 214.4





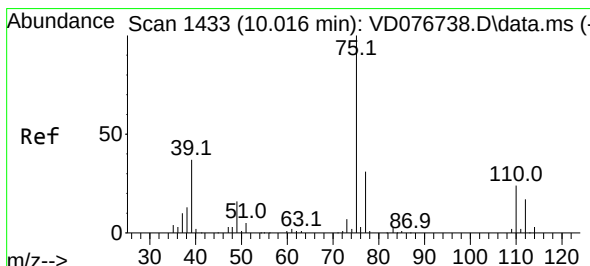
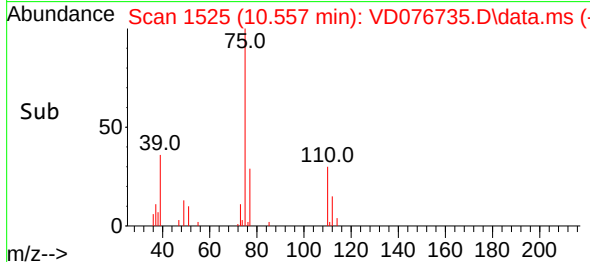
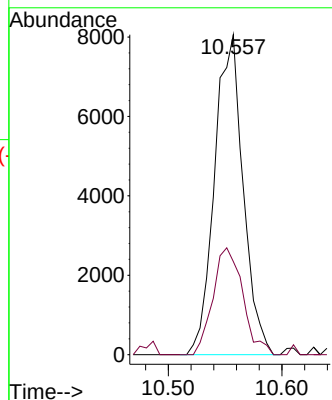
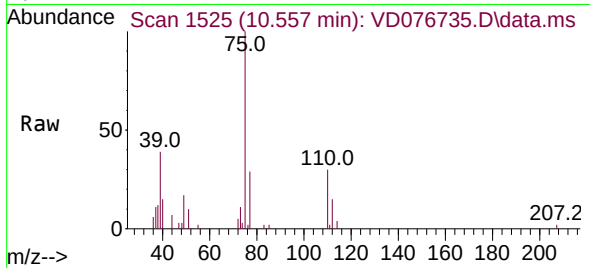
#53
t-1,3-Dichloropropene
Concen: 4.185 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 14072
Ion Ratio Lower Upper
75 100
77 29.1 25.3 37.9

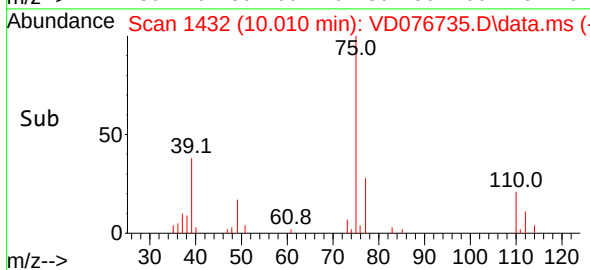
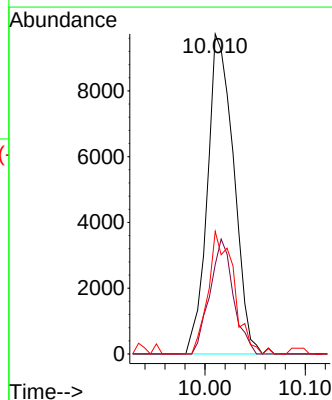
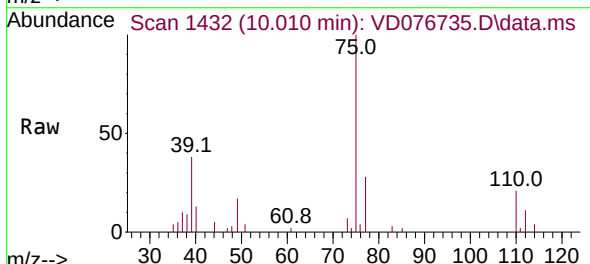
Manual Integrations
APPROVED

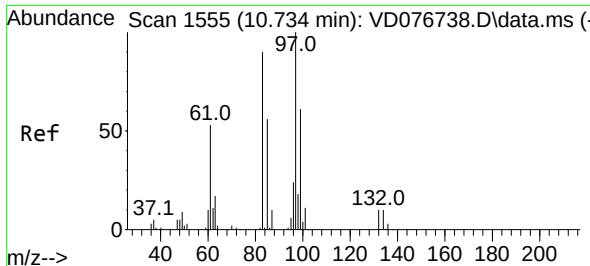
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 4.467 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

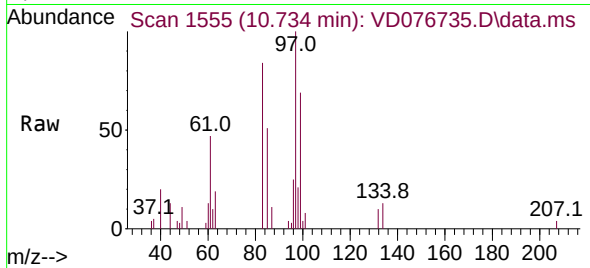
Tgt Ion: 75 Resp: 17700
Ion Ratio Lower Upper
75 100
77 28.0 25.5 38.3
39 38.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 4.862 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

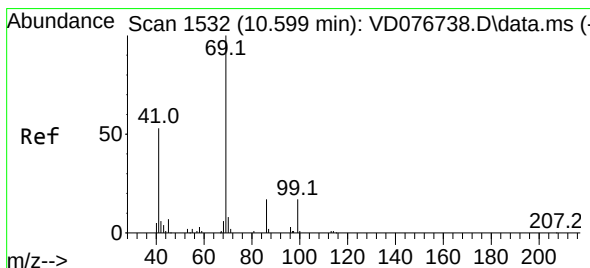
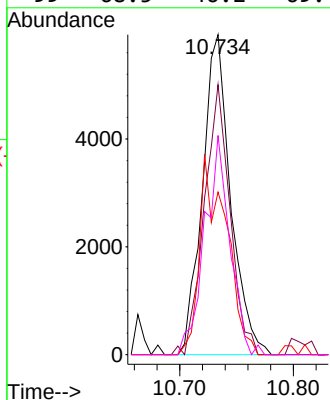
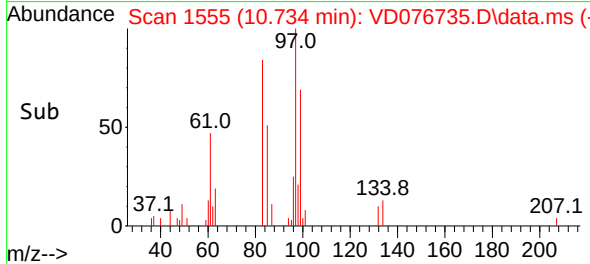
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



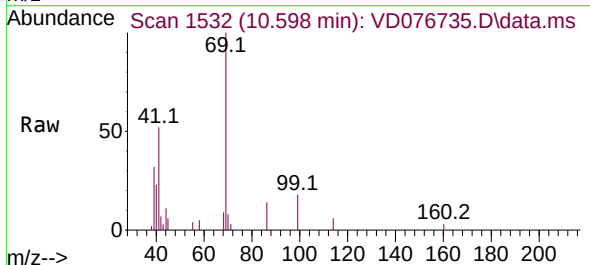
Tgt Ion:	97	Resp:	1024
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	50.8	45.7	68.5
99	68.5	46.2	69.4

Manual Integrations
APPROVED

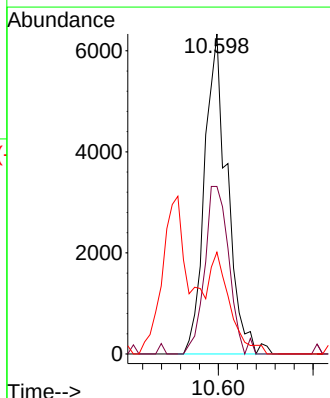
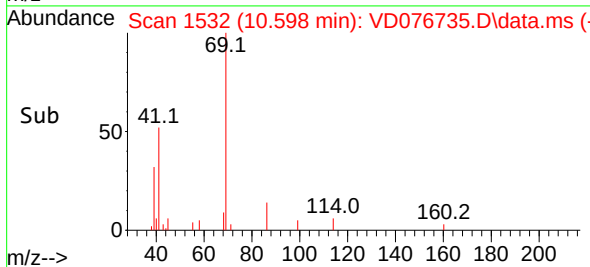
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

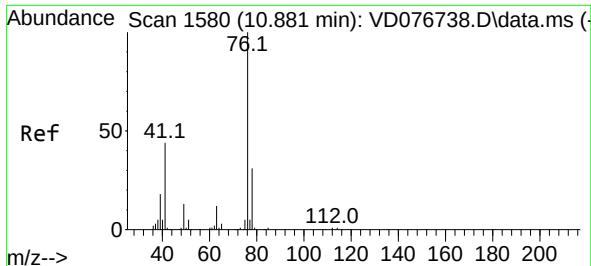


#56
Ethyl methacrylate
Concen: 4.344 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion:	69	Resp:	10568
Ion	Ratio	Lower	Upper
69	100		
41	55.8	39.1	58.7
39	27.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 4.519 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1551

Ion Ratio Lower Upper

76 100

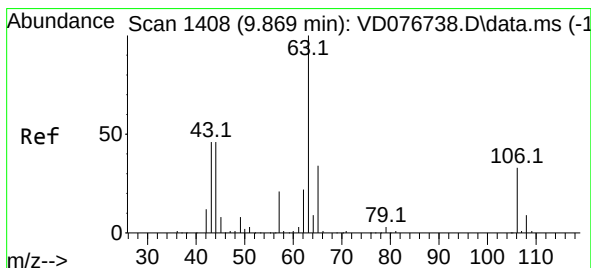
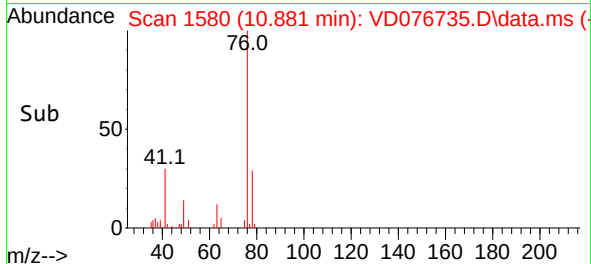
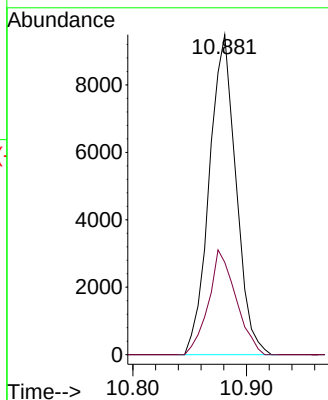
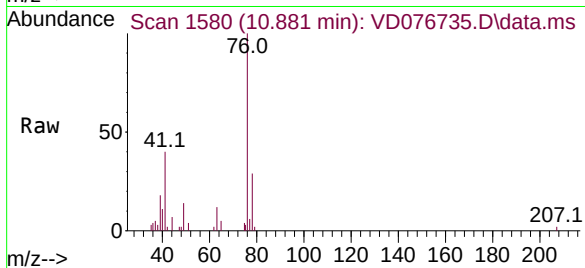
78 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.198 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076735.D

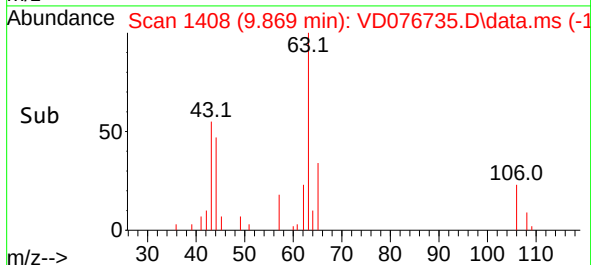
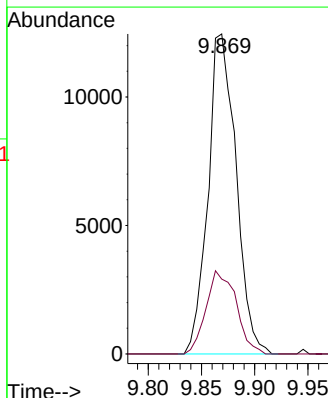
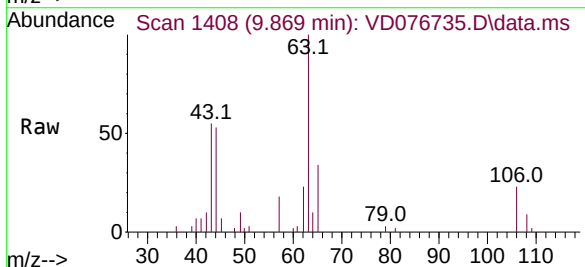
Acq: 14 Jul 2023 11:55

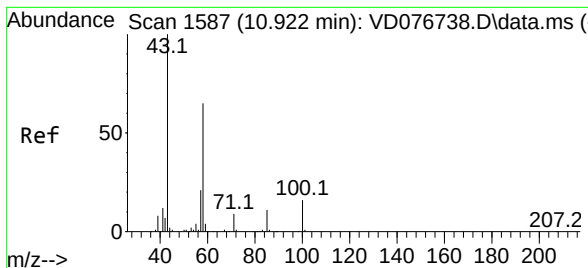
Tgt Ion: 63 Resp: 22787

Ion Ratio Lower Upper

63 100

106 27.9 25.3 37.9





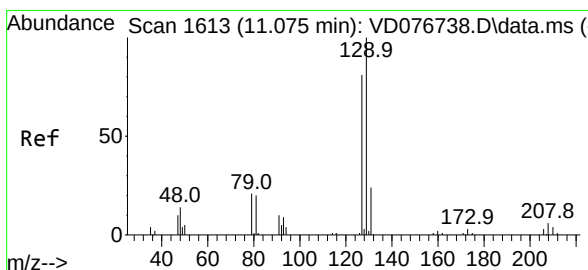
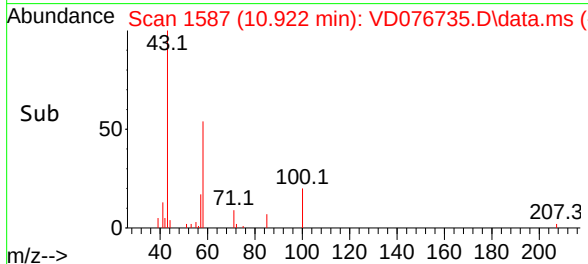
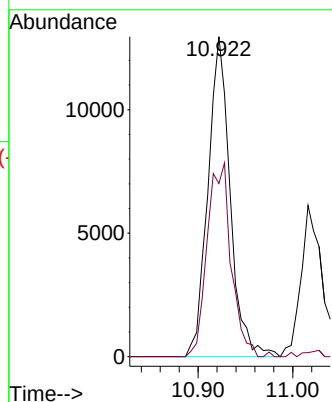
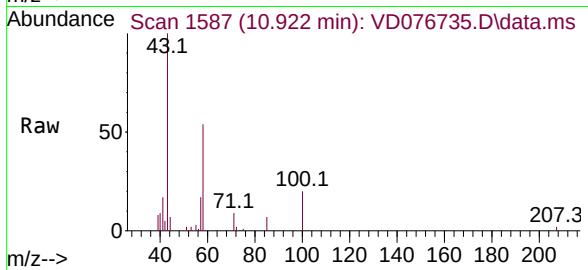
#59
2-Hexanone
Concen: 21.051 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
58 65.0 34.1 102.2

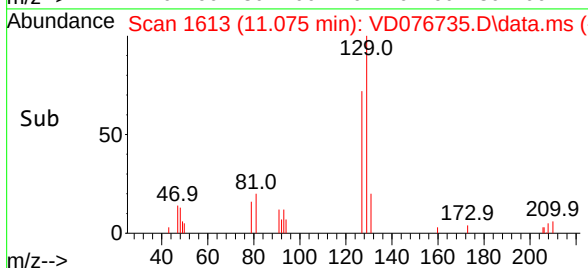
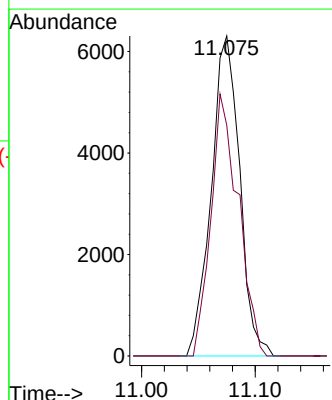
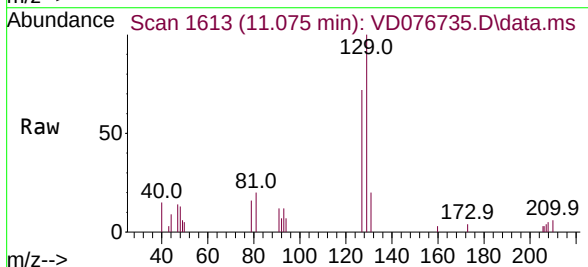
Manual Integrations
APPROVED

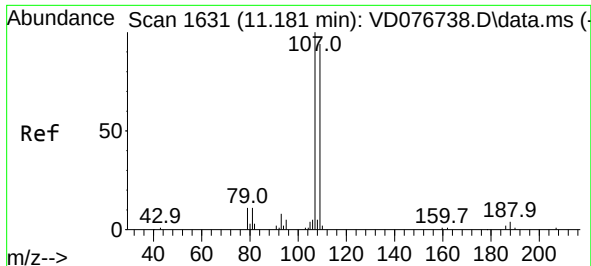
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 4.478 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:129 Resp: 10966
Ion Ratio Lower Upper
129 100
127 79.1 37.1 111.5





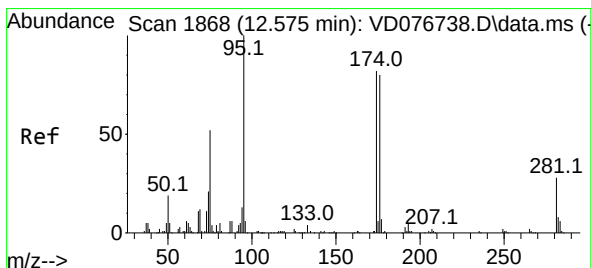
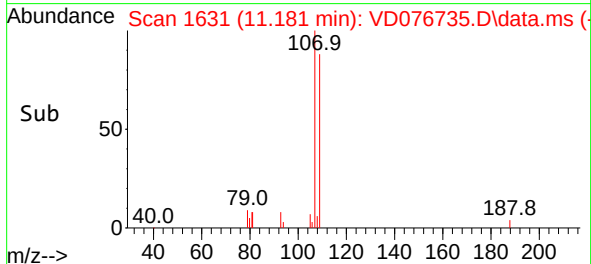
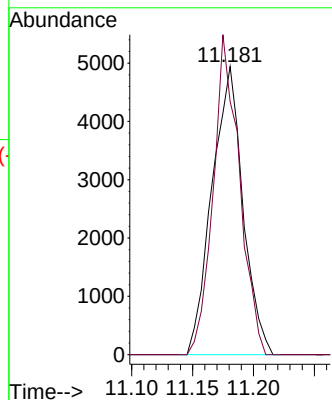
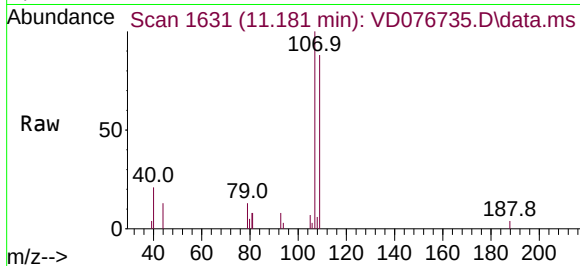
#61
1,2-Dibromoethane
Concen: 4.471 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 8738
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

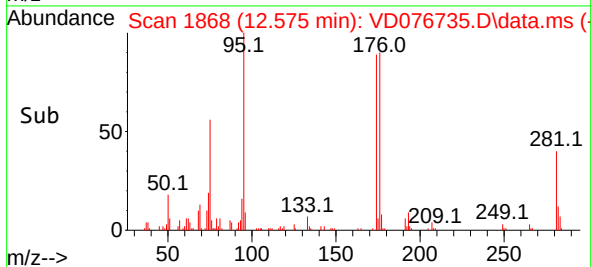
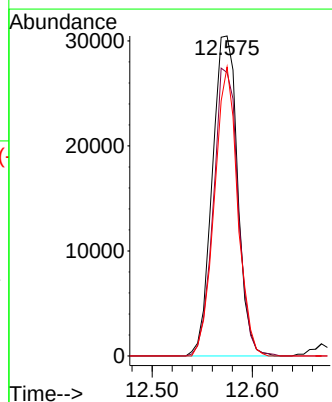
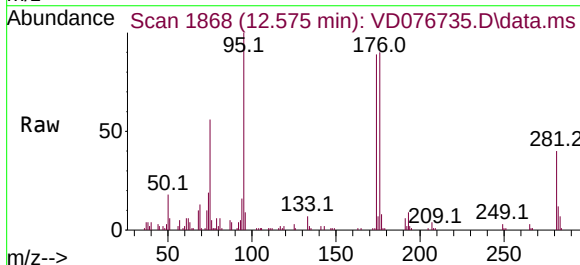
Manual Integrations
APPROVED

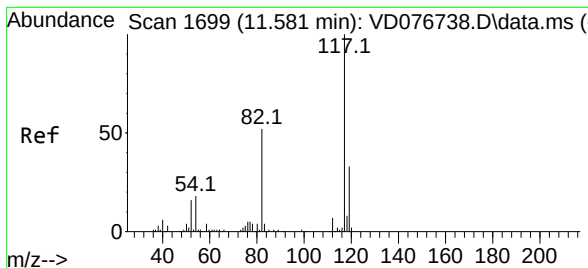
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 19.936 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

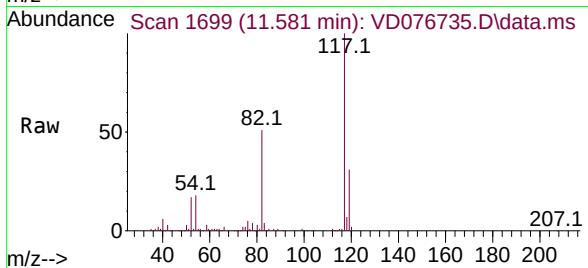
Tgt Ion: 95 Resp: 53457
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 82.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

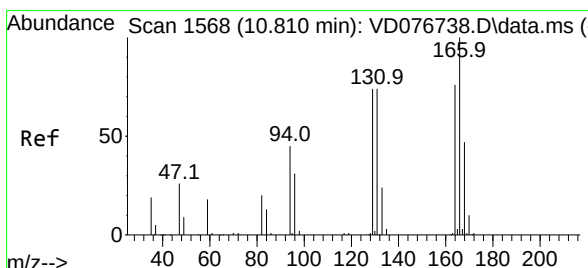
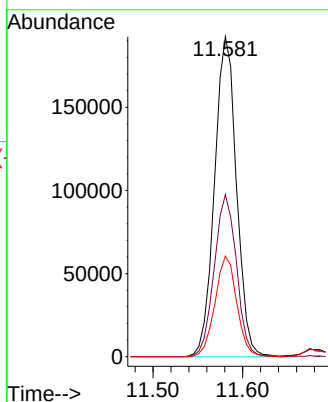
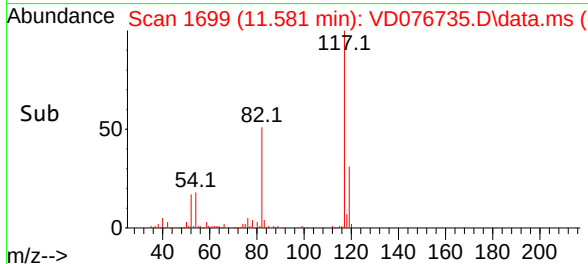
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 327209
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.5 25.0 37.4

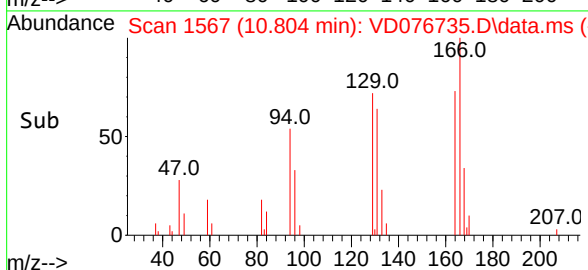
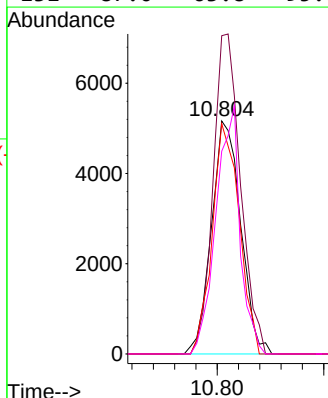
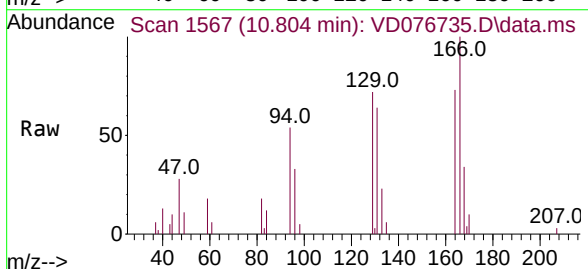
Manual Integrations
APPROVED

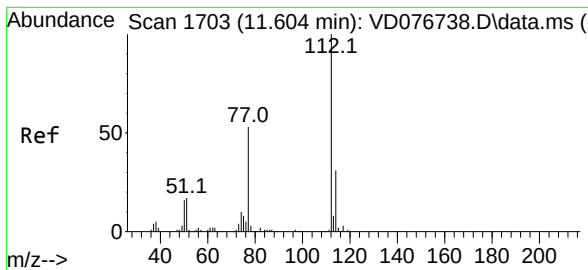
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 5.269 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:164 Resp: 9830
Ion Ratio Lower Upper
164 100
166 136.6 99.2 148.8
129 98.8 68.4 102.6
131 87.0 63.8 95.8





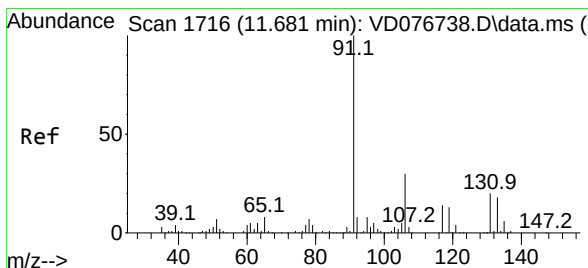
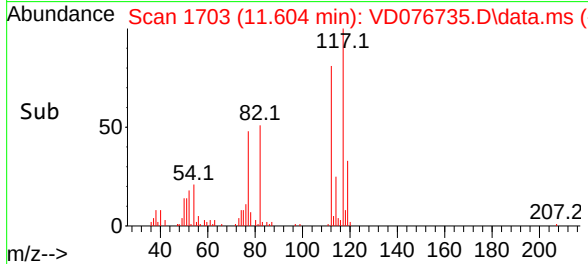
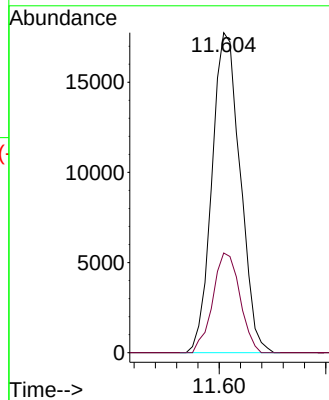
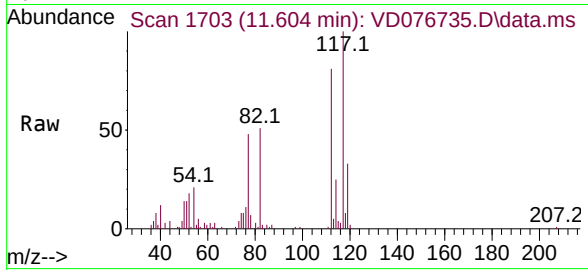
#65
Chlorobenzene
Concen: 4.955 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3260
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

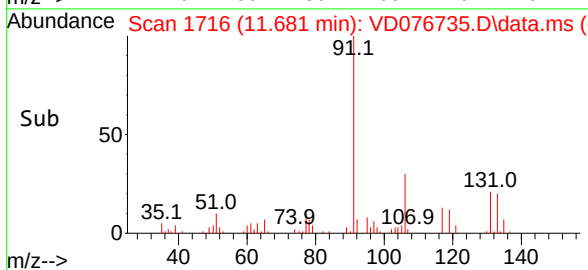
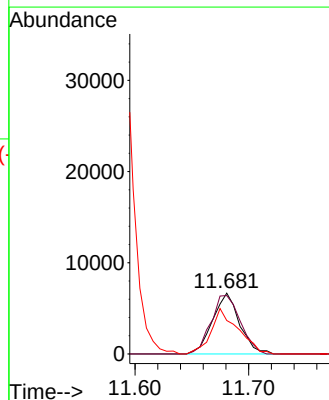
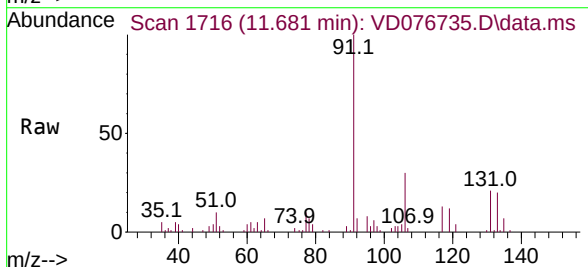
Manual Integrations
APPROVED

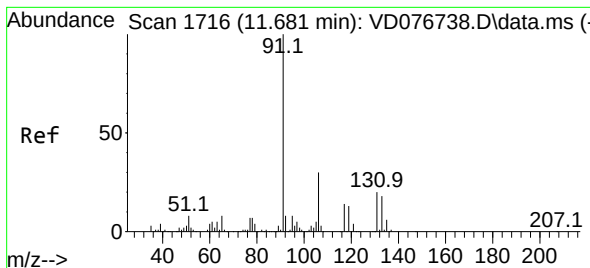
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.479 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:131 Resp: 10975
Ion Ratio Lower Upper
131 100
133 105.3 48.5 145.5
119 75.3 35.6 106.9





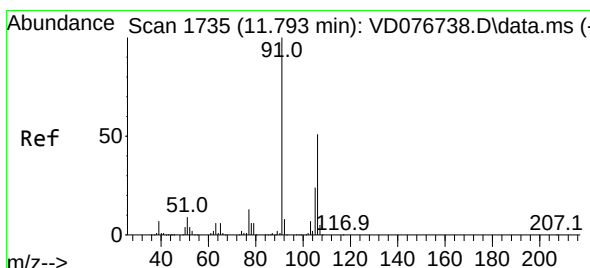
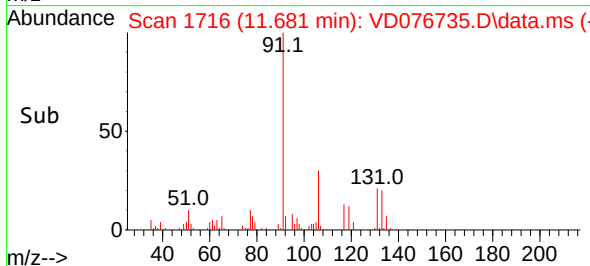
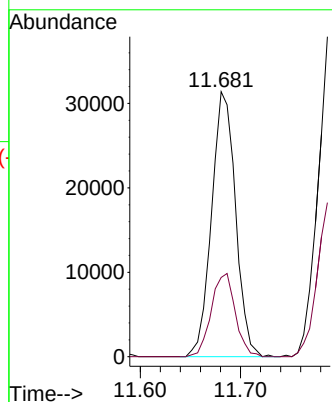
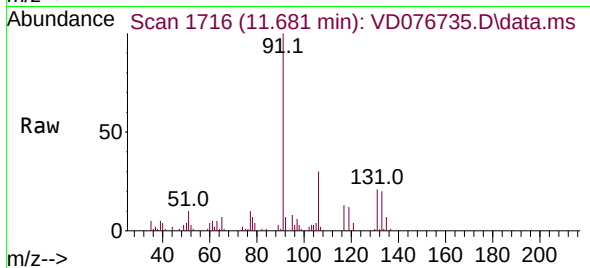
#67
Ethyl Benzene
Concen: 4.515 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 5218
Ion Ratio Lower Upper
91 100
106 29.9 26.5 39.7

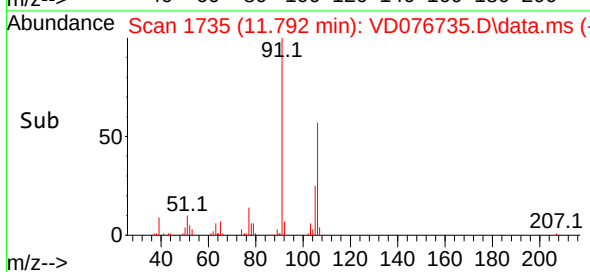
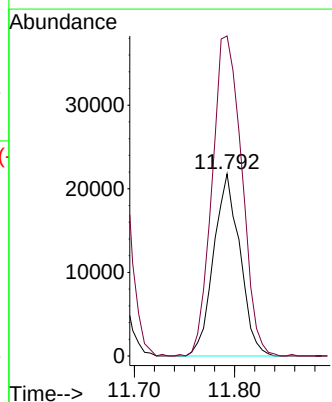
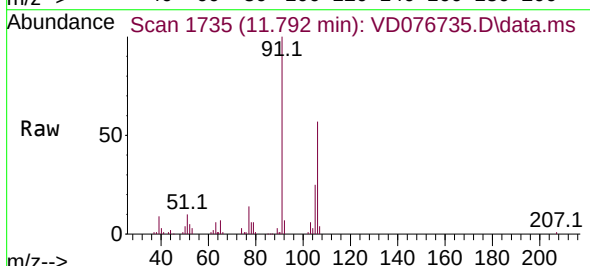
Manual Integrations
APPROVED

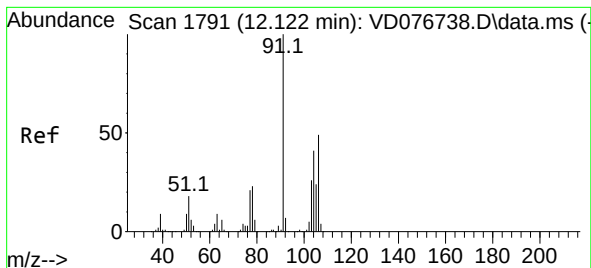
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#68
m/p-Xylenes
Concen: 8.945 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:106 Resp: 39702
Ion Ratio Lower Upper
106 100
91 197.8 147.0 220.6





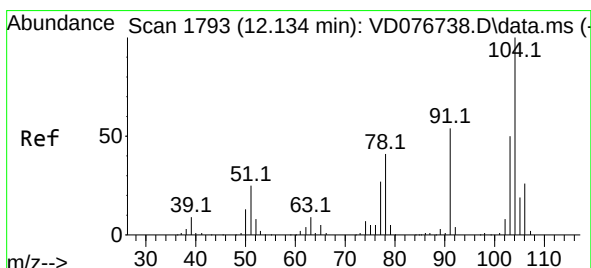
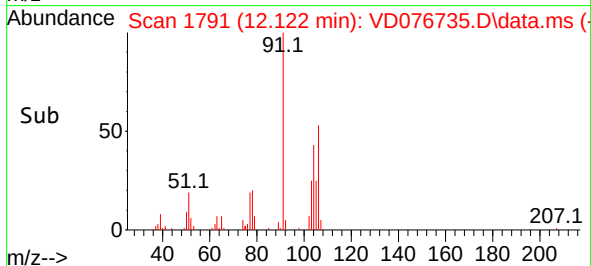
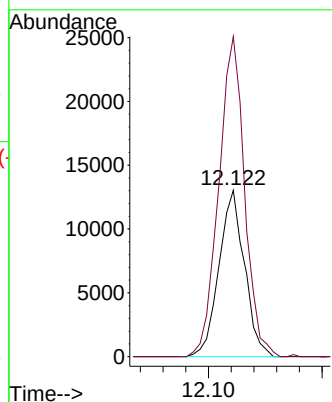
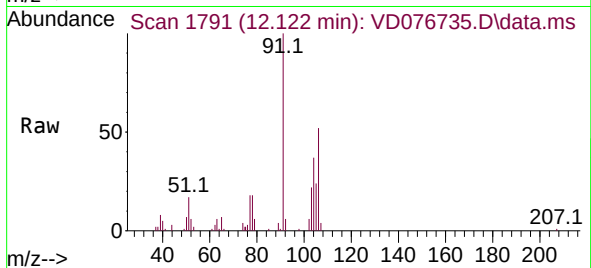
#69
o-Xylene
Concen: 4.739 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2034
Ion Ratio Lower Upper
106 100
91 194.9 97.9 293.6

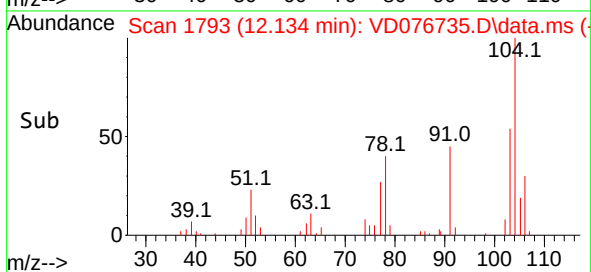
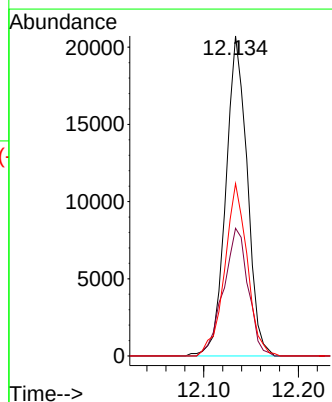
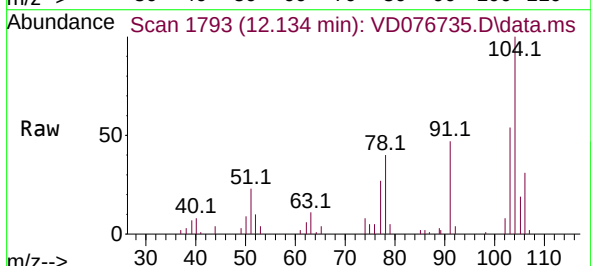
Manual Integrations
APPROVED

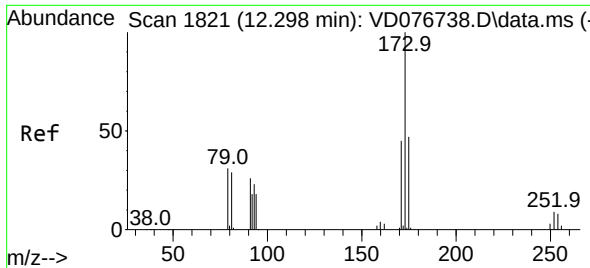
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 4.325 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

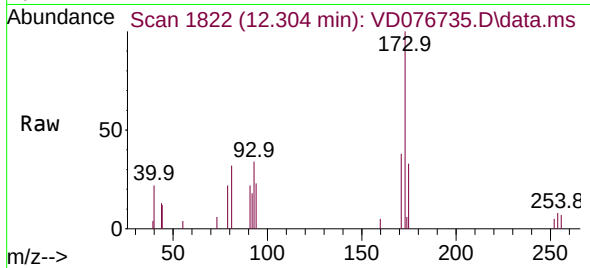
Tgt Ion:104 Resp: 32500
Ion Ratio Lower Upper
104 100
78 46.0 33.2 49.8
103 56.9 43.6 65.4





#71
Bromoform
Concen: 4.990 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

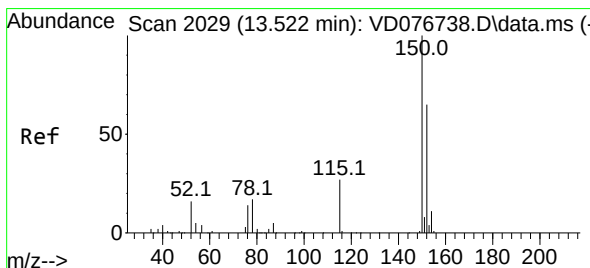
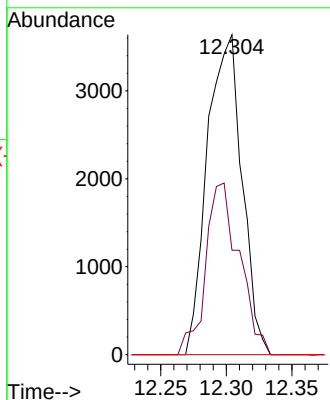
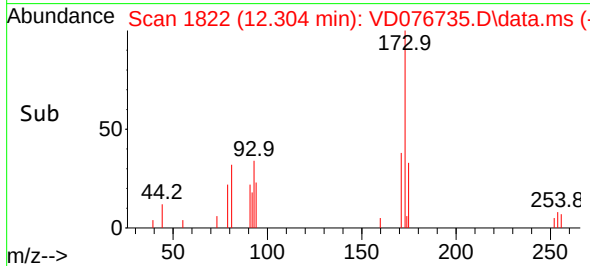
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



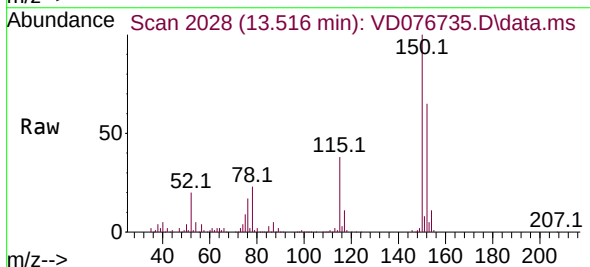
Tgt Ion:173 Resp: 6690
Ion Ratio Lower Upper
173 100
175 52.0 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

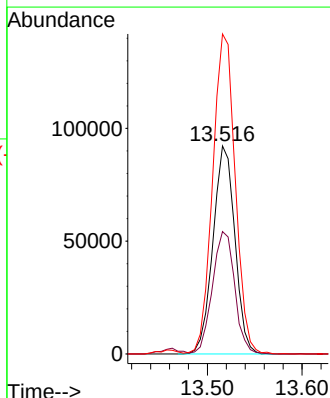
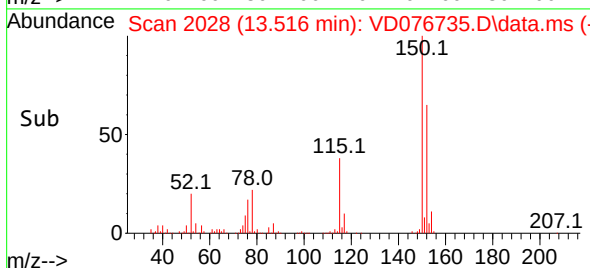
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

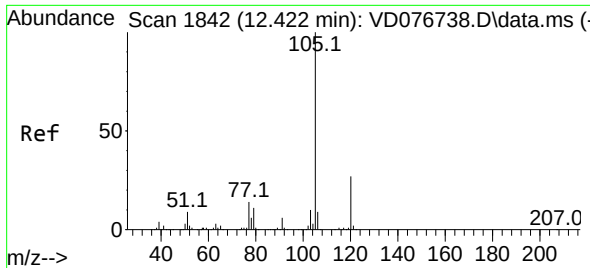


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



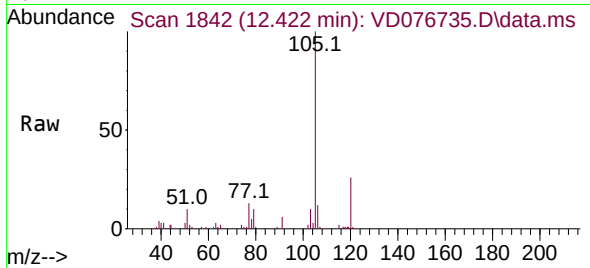
Tgt Ion:152 Resp: 148407
Ion Ratio Lower Upper
152 100
115 59.7 27.1 81.3
150 158.4 0.0 353.6





#73
Isopropylbenzene
Concen: 4.541 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

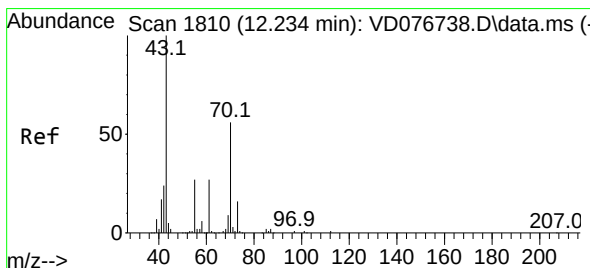
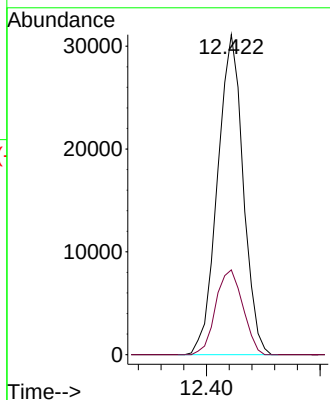
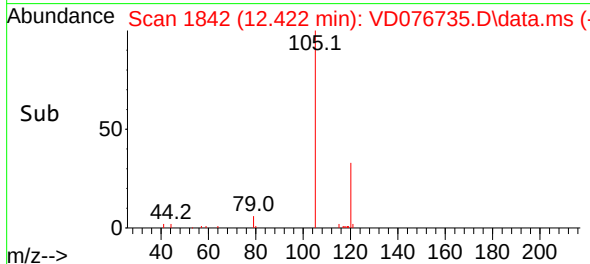
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 48890
Ion Ratio Lower Upper
105 100
120 27.9 14.3 42.9

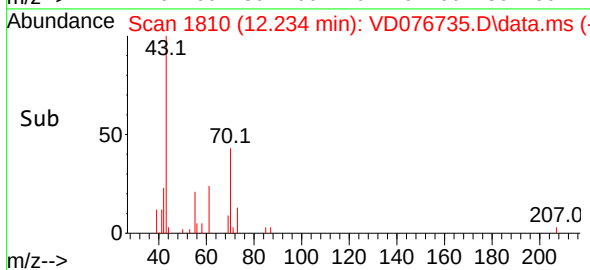
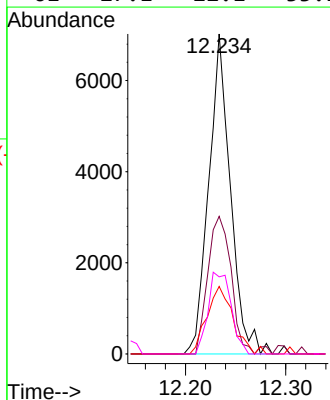
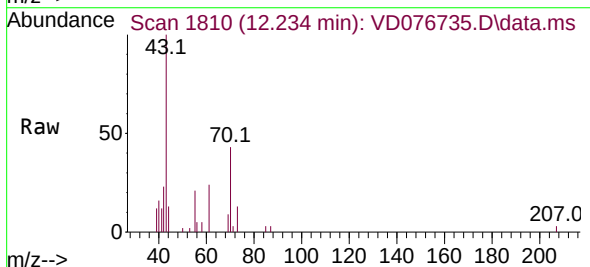
Manual Integrations
APPROVED

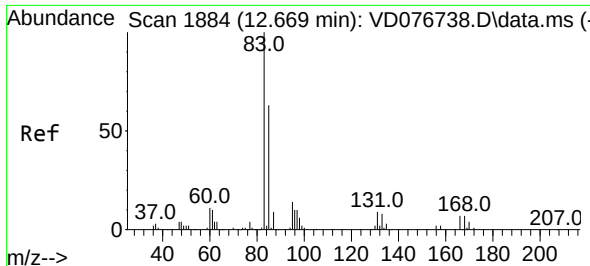
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#74
N-ethyl acetate
Concen: 4.661 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
70 45.9 45.0 67.4
55 25.4 23.8 35.6
61 27.1 22.1 33.1





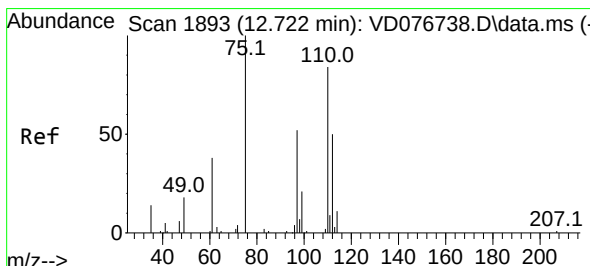
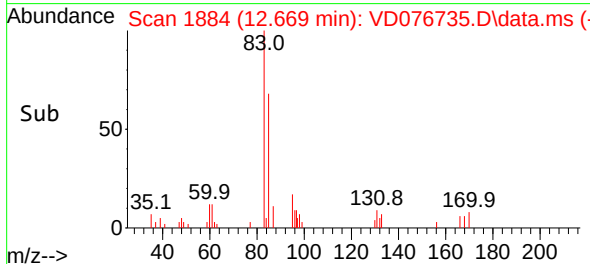
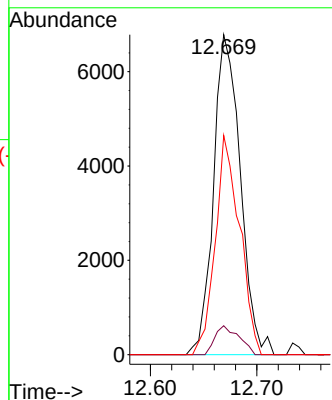
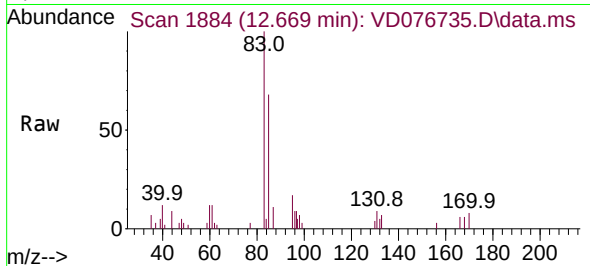
#75
1,1,2,2-Tetrachloroethane
Concen: 5.128 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 11850
Ion Ratio Lower Upper
83 100
131 8.1 5.1 15.3
85 62.2 32.6 97.8

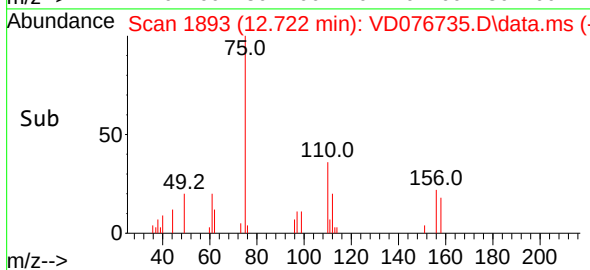
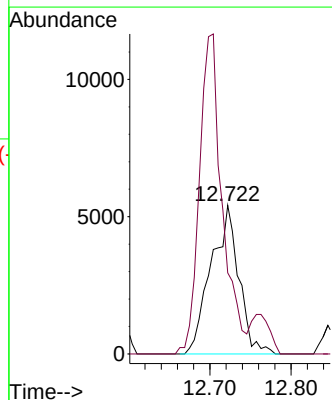
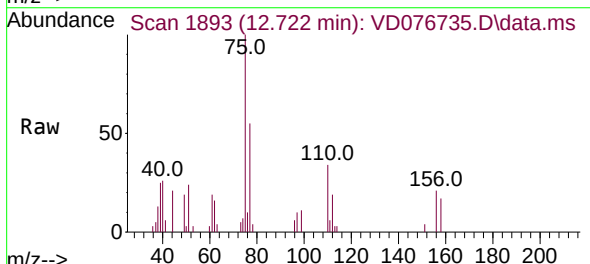
Manual Integrations
APPROVED

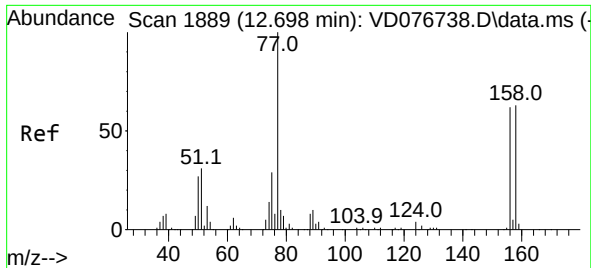
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 9.146 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 75 Resp: 12908
Ion Ratio Lower Upper
75 100
77 176.2 0.0 0.0#





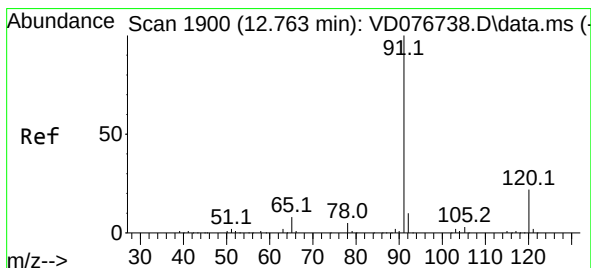
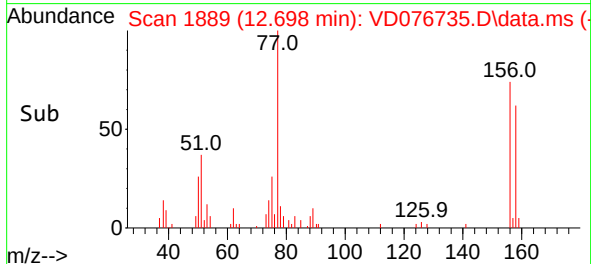
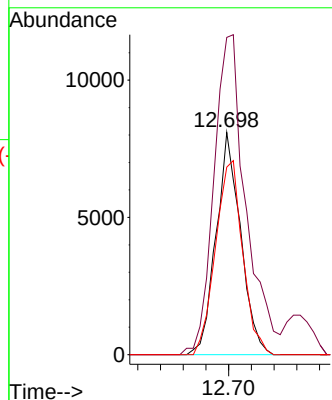
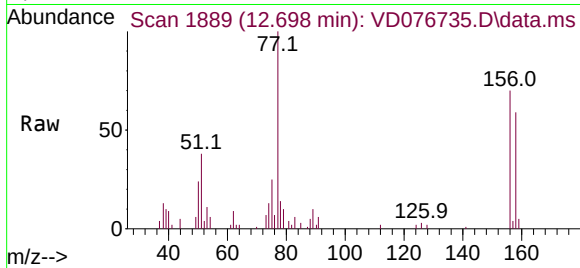
#77
Bromobenzene
Concen: 4.895 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 12160
Ion Ratio Lower Upper
156 100
77 187.0 76.8 230.4
158 96.4 48.6 145.9

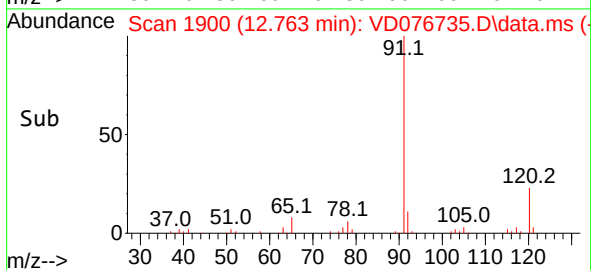
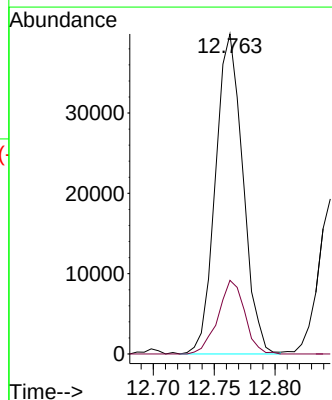
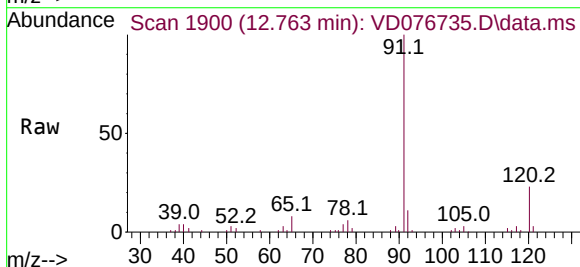
Manual Integrations
APPROVED

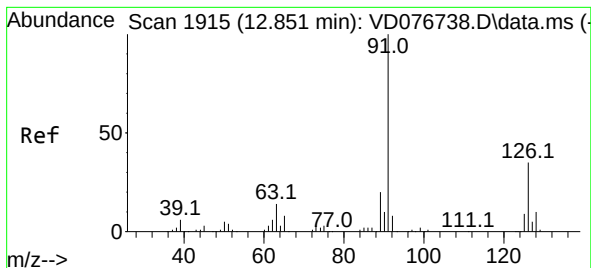
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#78
n-propylbenzene
Concen: 4.780 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 91 Resp: 62389
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





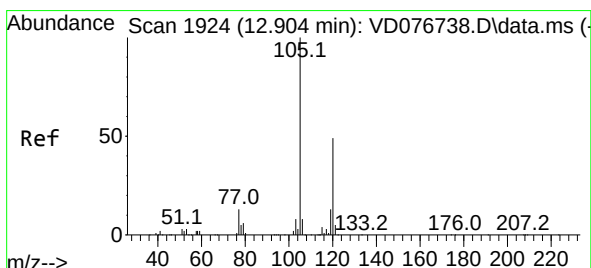
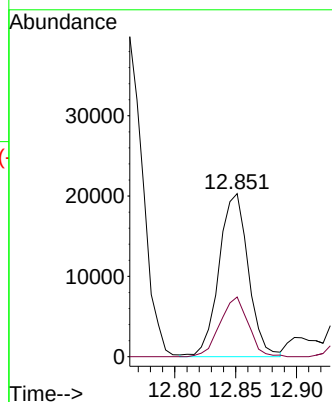
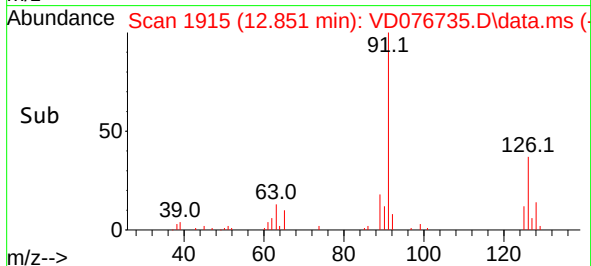
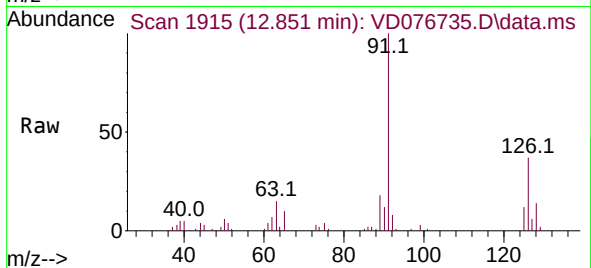
#79
2-Chlorotoluene
Concen: 4.761 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34079
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.1

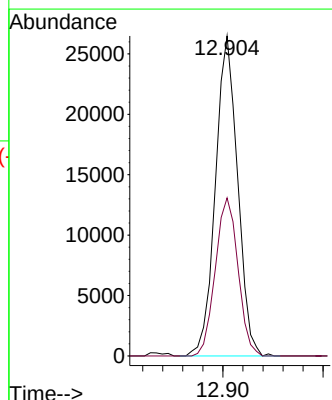
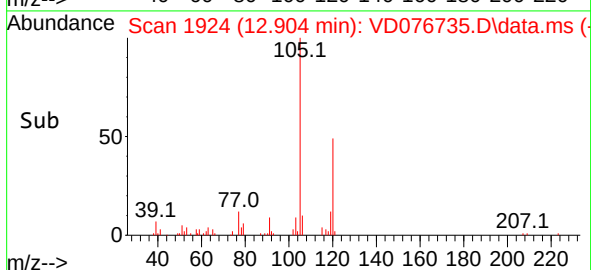
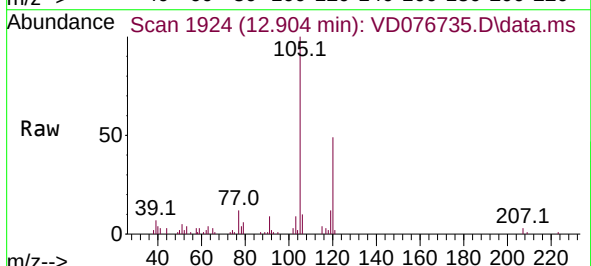
Manual Integrations
APPROVED

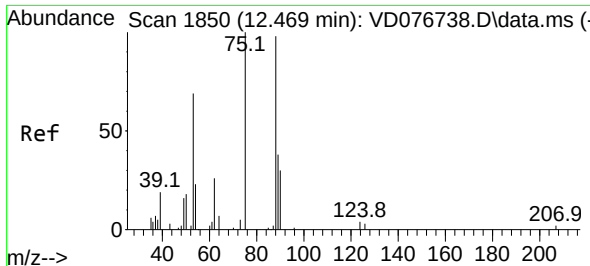
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.670 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

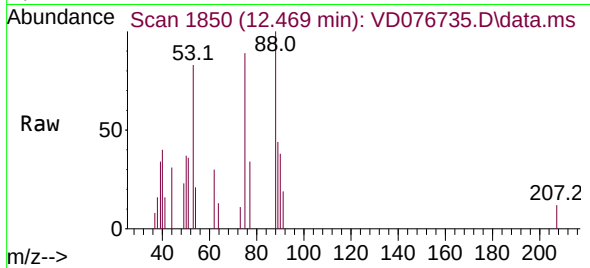
Tgt Ion:105 Resp: 40662
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.905 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

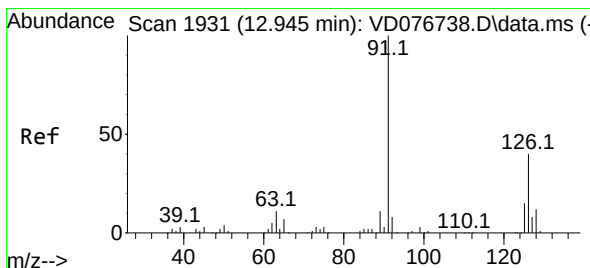
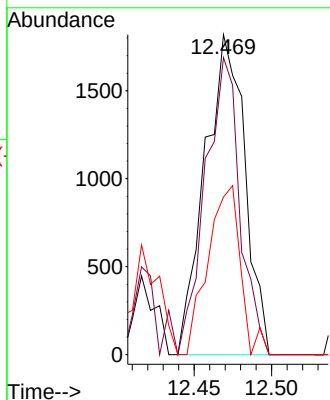
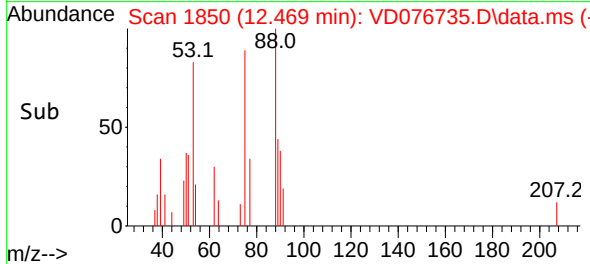
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



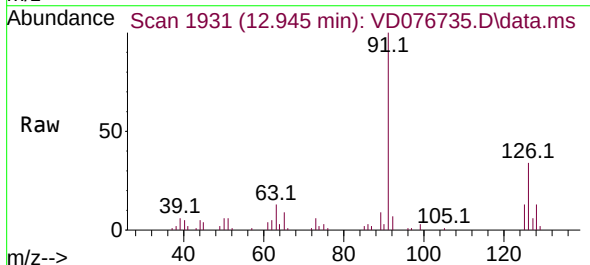
Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
53 80.3 63.0 94.4
89 43.1 37.9 56.9

Manual Integrations
APPROVED

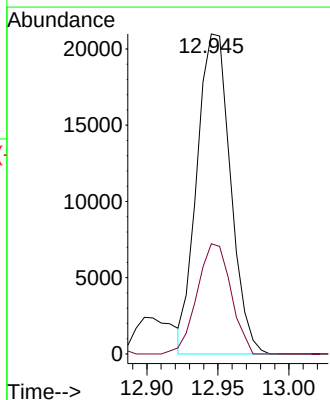
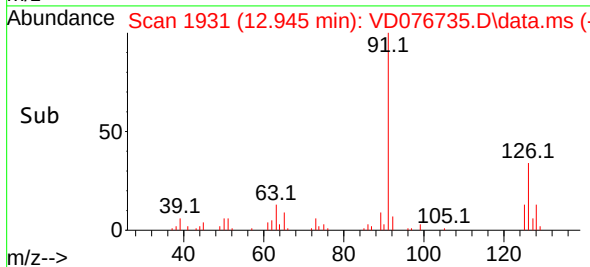
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

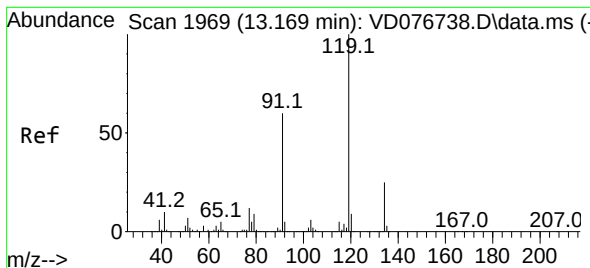


#82
4-Chlorotoluene
Concen: 4.601 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55



Tgt Ion: 91 Resp: 34403
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





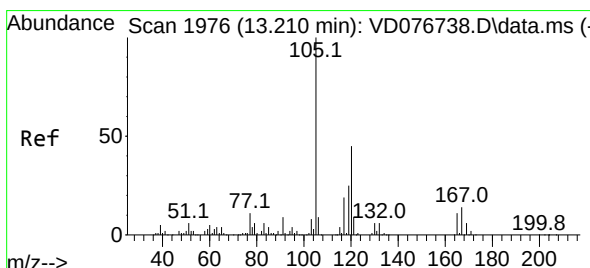
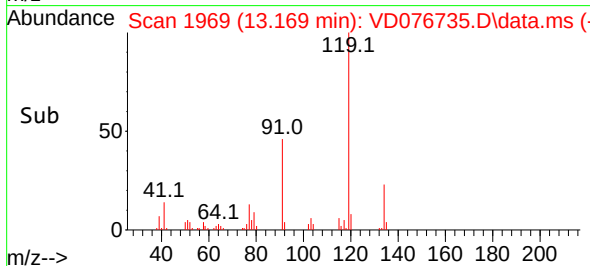
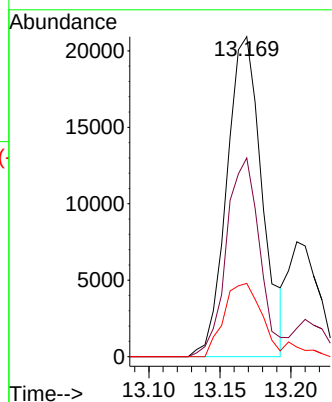
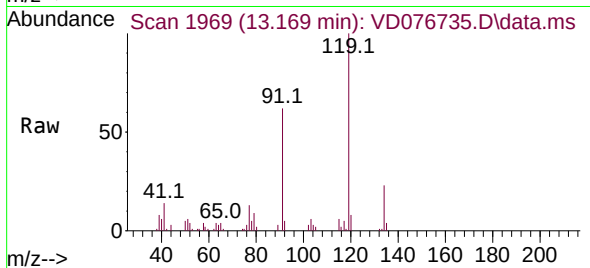
#83
tert-Butylbenzene
Concen: 4.718 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 36170
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 24.3 14.1 42.3

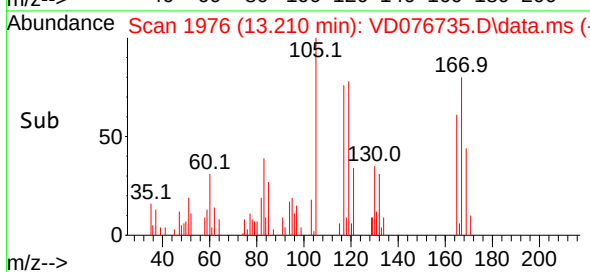
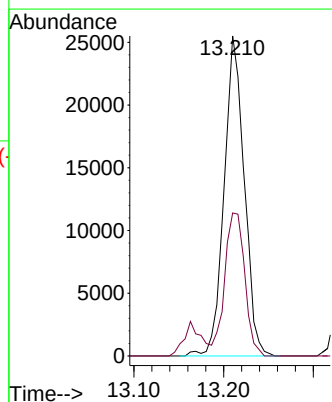
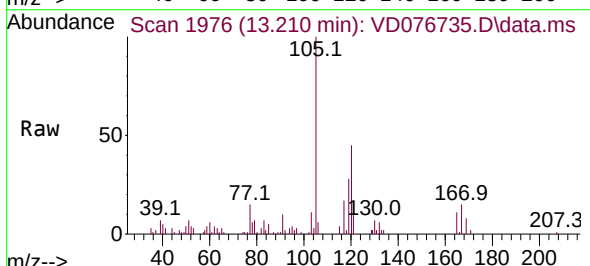
Manual Integrations
APPROVED

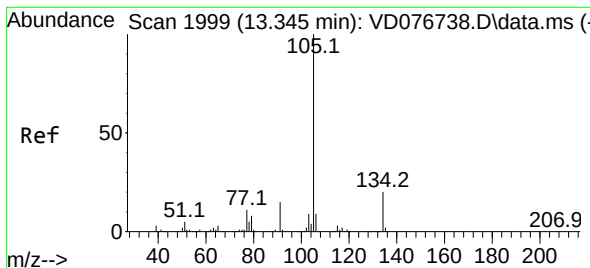
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.463 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:105 Resp: 39705
Ion Ratio Lower Upper
105 100
120 44.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 4.752 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 5565

Ion Ratio Lower Upper

105 100

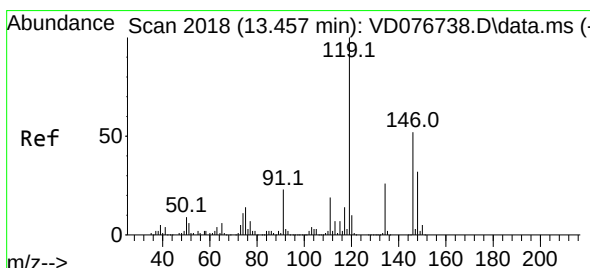
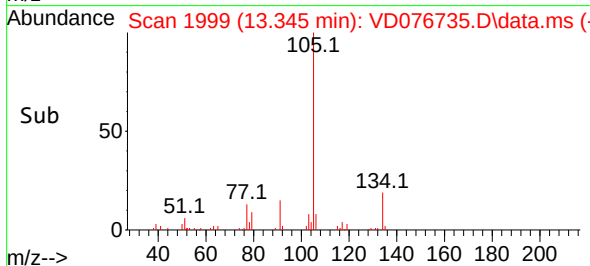
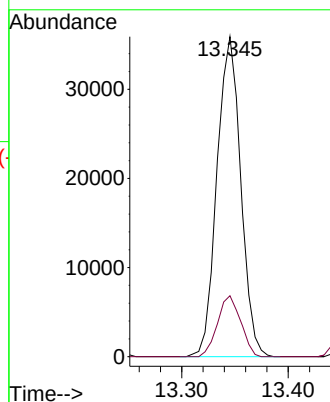
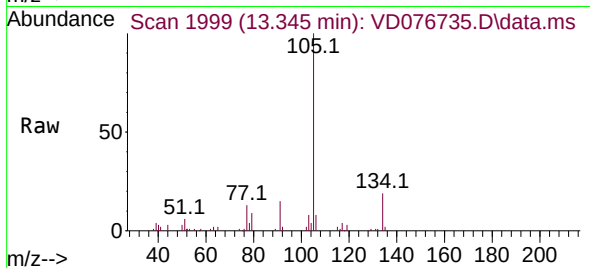
134 18.5 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#86

p-Isopropyltoluene

Concen: 4.666 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076735.D

Acq: 14 Jul 2023 11:55

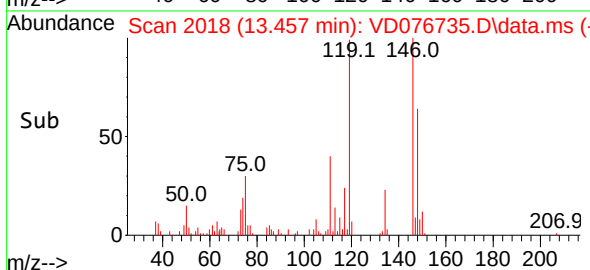
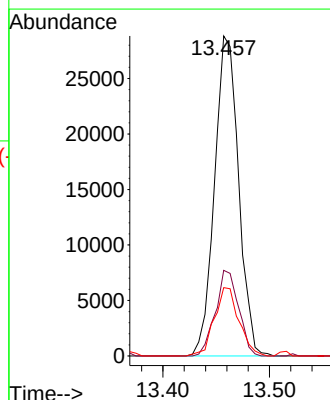
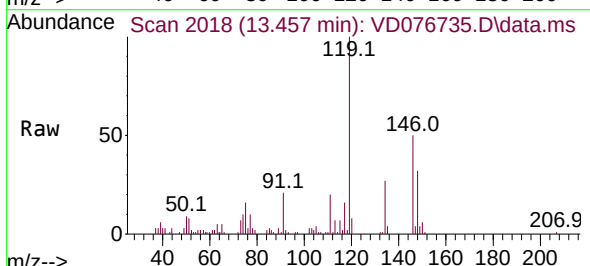
Tgt Ion:119 Resp: 45132

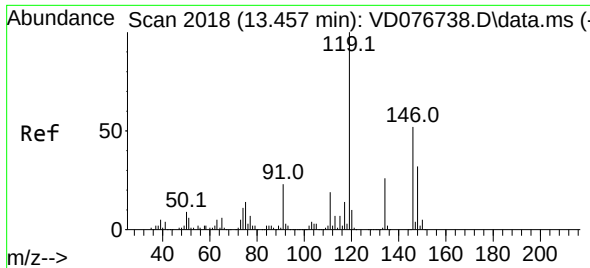
Ion Ratio Lower Upper

119 100

134 25.7 14.2 42.6

91 21.8 10.5 31.5





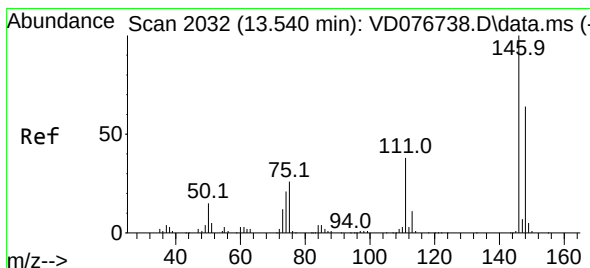
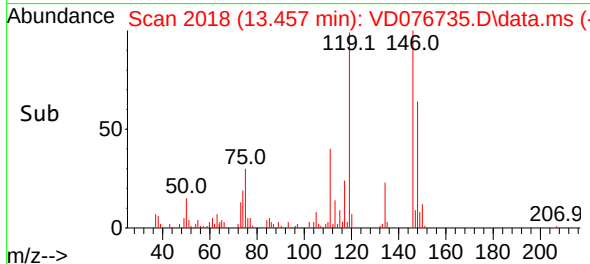
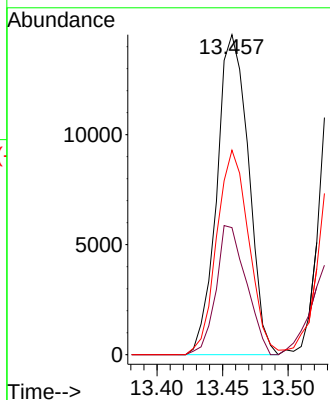
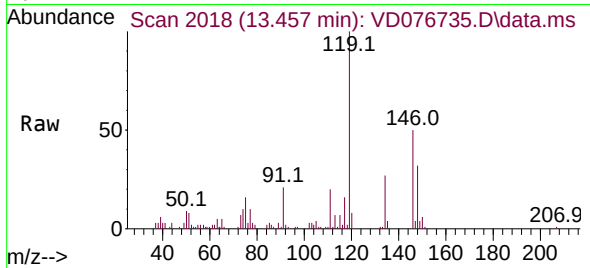
#87
 1,3-Dichlorobenzene
 Concen: 4.772 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 24394
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.9 53.8
 148 65.1 32.3 96.8

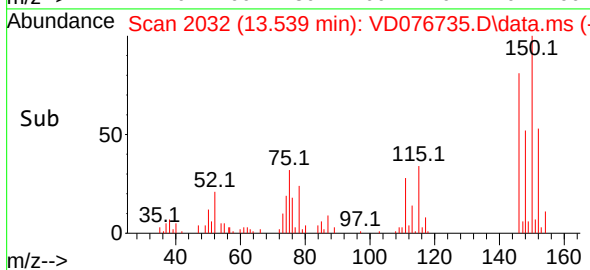
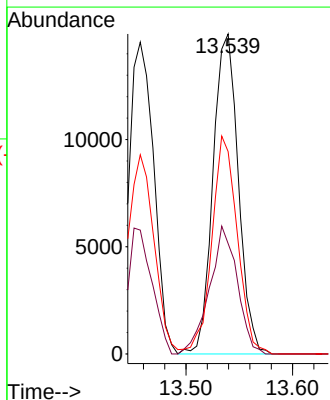
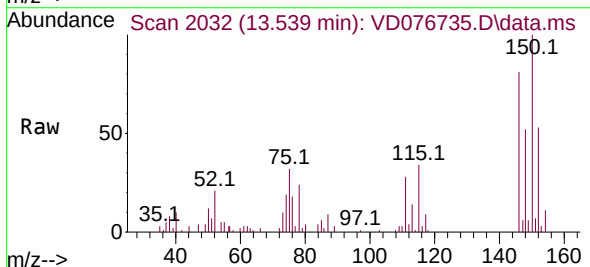
Manual Integrations
 APPROVED

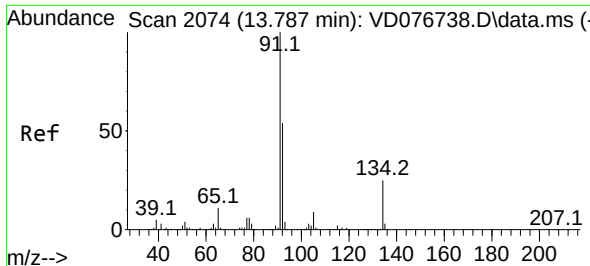
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#88
 1,4-Dichlorobenzene
 Concen: 4.913 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD076735.D
 Acq: 14 Jul 2023 11:55

Tgt Ion:146 Resp: 24605
 Ion Ratio Lower Upper
 146 100
 111 43.8 17.4 52.3
 148 68.7 31.7 95.1





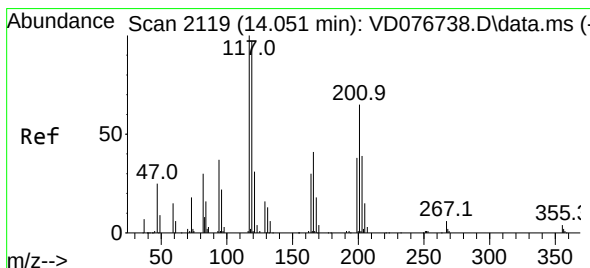
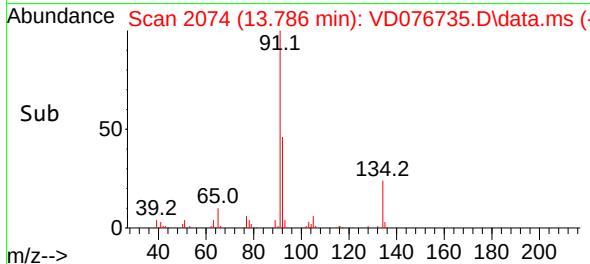
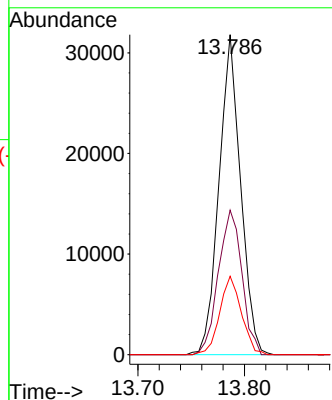
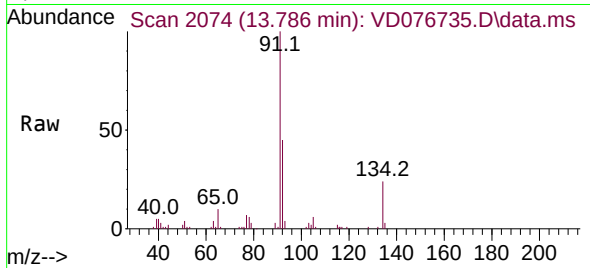
#89
n-Butylbenzene
Concen: 4.723 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 44704
Ion Ratio Lower Upper
91 100
92 49.3 26.5 79.5
134 24.7 13.8 41.3

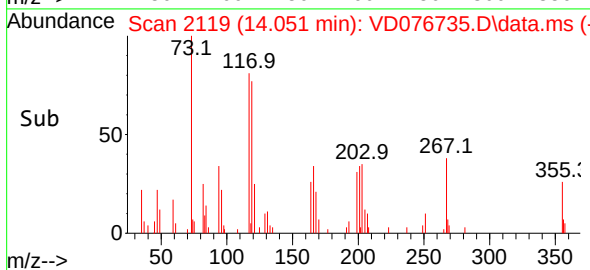
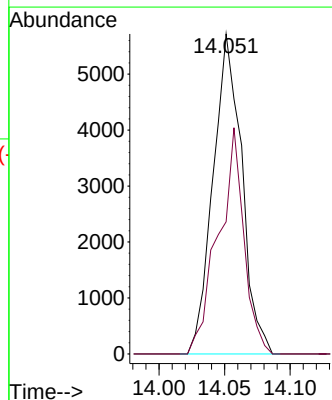
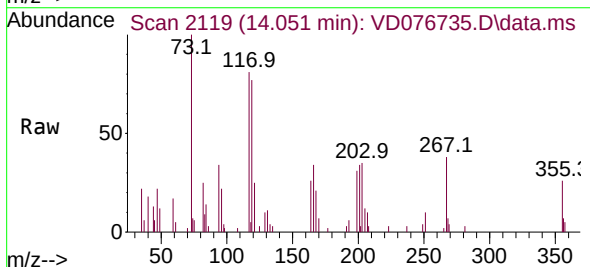
Manual Integrations
APPROVED

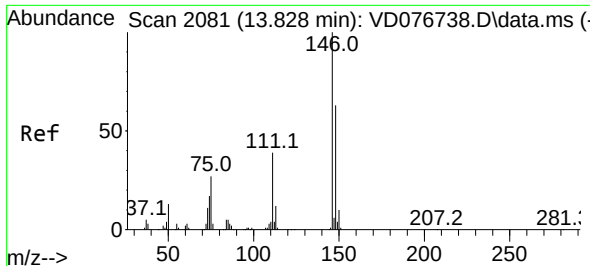
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 4.857 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:117 Resp: 8686
Ion Ratio Lower Upper
117 100
201 63.1 38.5 115.5





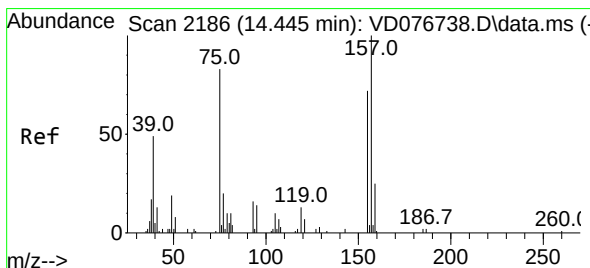
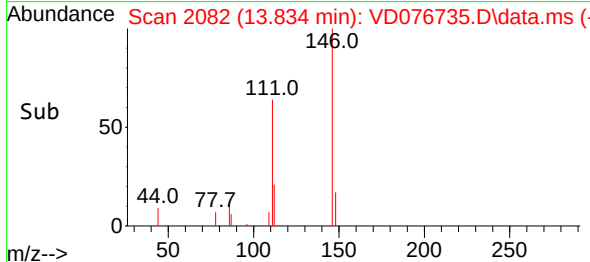
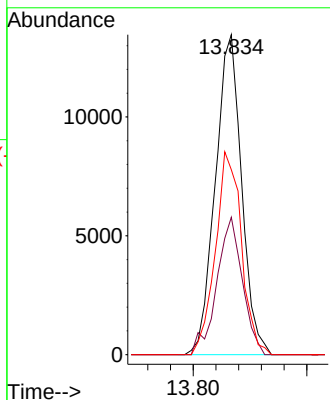
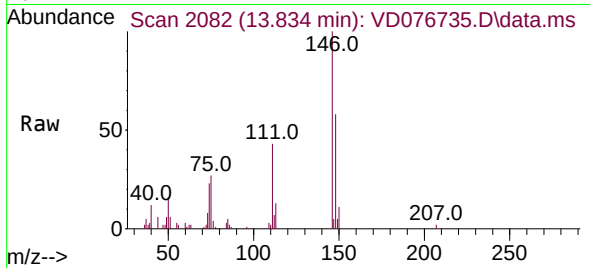
#91
1,2-Dichlorobenzene
Concen: 4.791 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2158
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 62.9 31.6 94.7

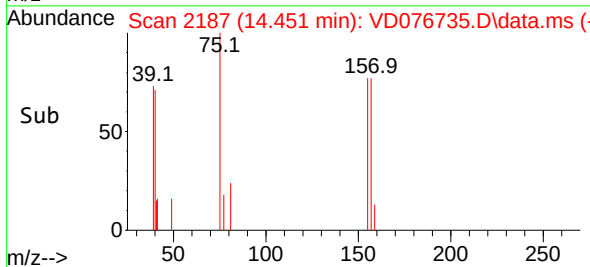
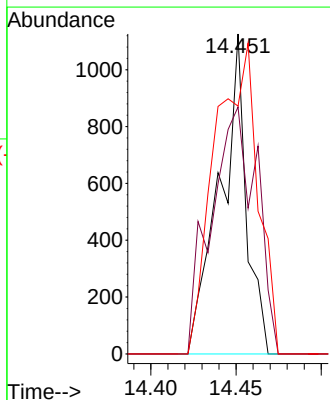
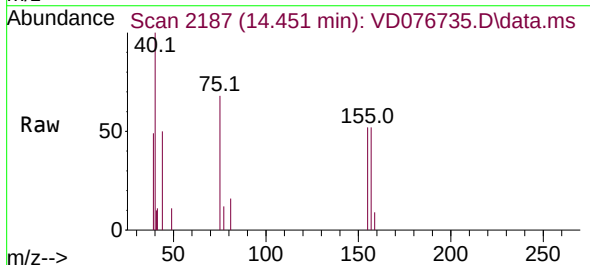
Manual Integrations
APPROVED

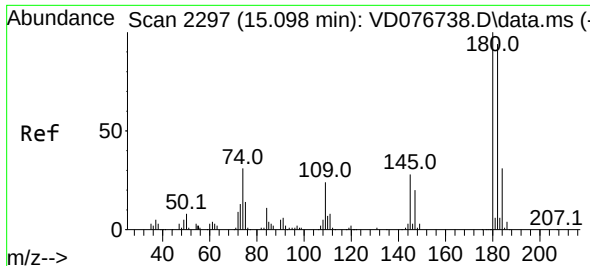
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.704 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

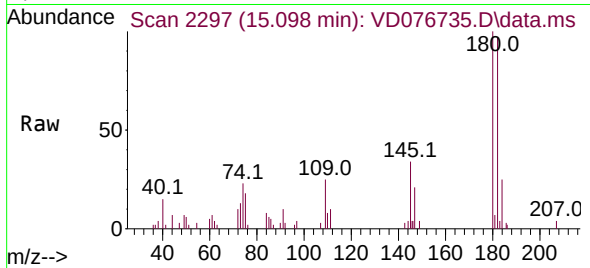
Tgt Ion: 75 Resp: 1221
Ion Ratio Lower Upper
75 100
155 131.5 47.9 143.8
157 156.4 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 4.832 ug/l
RT: 15.098 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

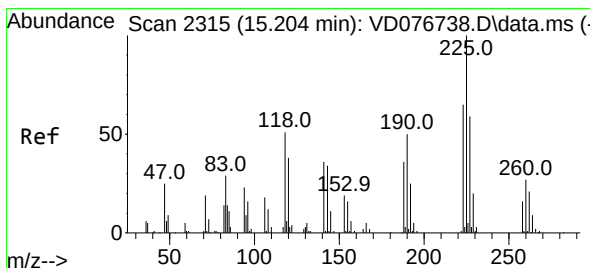
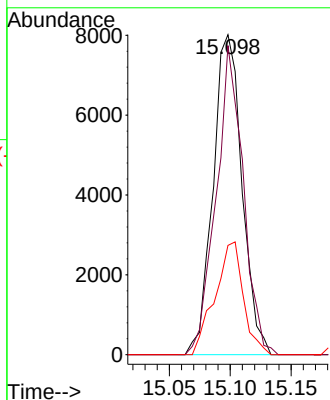
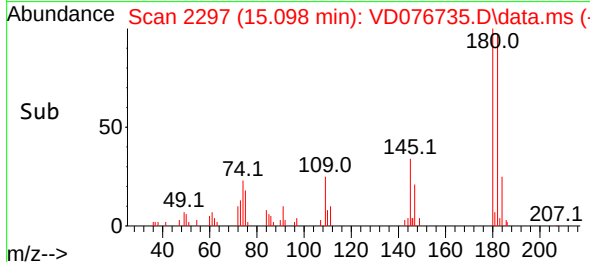
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 13289
Ion Ratio Lower Upper
180 100
182 90.1 48.5 145.6
145 34.5 14.2 42.6

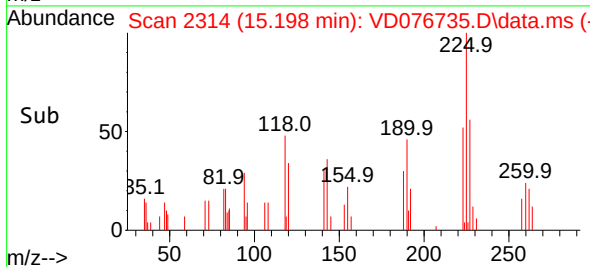
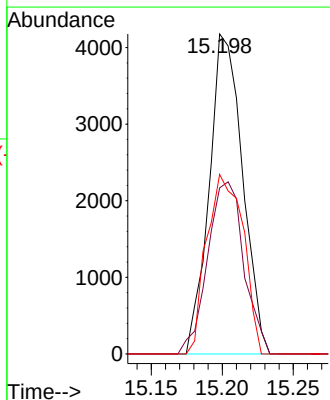
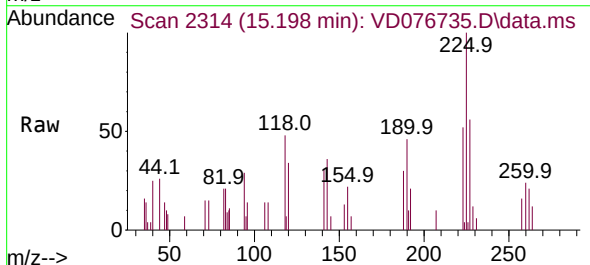
Manual Integrations
APPROVED

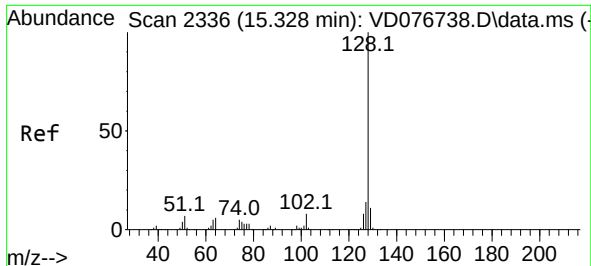
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#94
Hexachlorobutadiene
Concen: 5.155 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:225 Resp: 6818
Ion Ratio Lower Upper
225 100
223 58.6 31.6 94.8
227 61.5 31.7 95.1





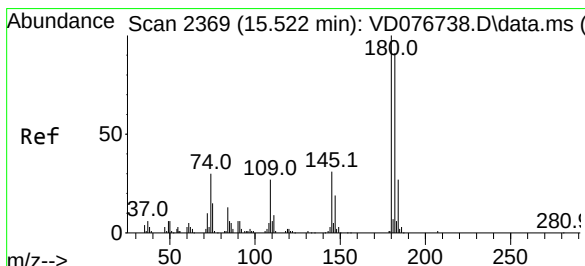
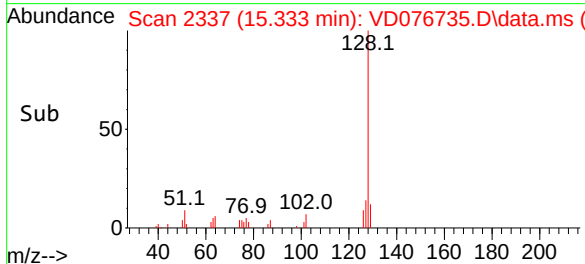
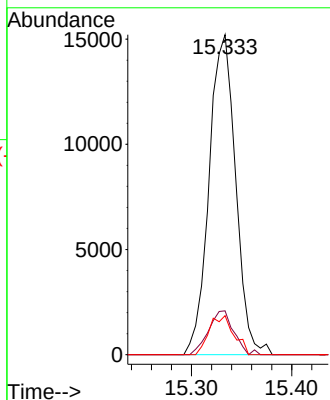
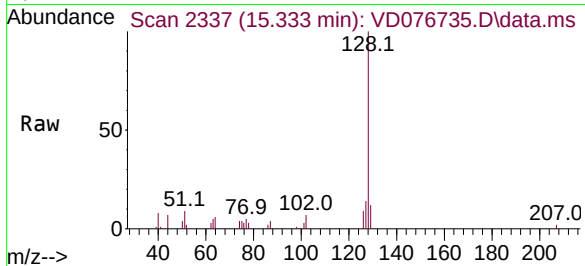
#95
Naphthalene
Concen: 4.706 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 28020
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 12.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.779 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076735.D
Acq: 14 Jul 2023 11:55

Tgt Ion:180 Resp: 11794
Ion Ratio Lower Upper
180 100
182 90.7 47.3 141.9
145 33.3 15.1 45.3

