

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076738.D
 Acq On : 14 Jul 2023 13:21
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 07:42:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 07:40:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	178749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	329060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	325327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	153873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83721	47.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.805	113	95800	46.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.660%		
50) Toluene-d8	10.269	98	346366	46.822	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.575	95	115426	48.233	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	70159	50.193	ug/l	100
3) Chloromethane	2.146	50	122593	50.842	ug/l	100
4) Vinyl Chloride	2.275	62	161972	50.392	ug/l	97
5) Bromomethane	2.681	94	126033	47.657	ug/l	97
6) Chloroethane	2.828	64	122811	50.606	ug/l	98
7) Trichlorofluoromethane	3.164	101	138594	48.458	ug/l	99
8) Diethyl Ether	3.587	74	53972	54.810	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	92887	49.407	ug/l	98
10) Methyl Iodide	4.158	142	114000	53.792	ug/l	92
11) Tert butyl alcohol	5.046	59	33661	253.366	ug/l	95
12) 1,1-Dichloroethene	3.934	96	88279	49.979	ug/l	95
13) Acrolein	3.793	56	20612	227.666	ug/l	99
14) Allyl chloride	4.558	41	120752	52.041	ug/l	92
15) Acrylonitrile	5.246	53	126927	262.440	ug/l	98
16) Acetone	4.017	43	110347	259.520	ug/l	88
17) Carbon Disulfide	4.264	76	215395	52.211	ug/l	100
18) Methyl Acetate	4.564	43	83150	52.050	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	251018	52.994	ug/l	98
20) Methylene Chloride	4.799	84	131298	52.340	ug/l	89
21) trans-1,2-Dichloroethene	5.299	96	107458	52.338	ug/l	98
22) Diisopropyl ether	6.216	45	290581	52.885	ug/l	96
23) Vinyl Acetate	6.152	43	727262	267.513	ug/l	95
24) 1,1-Dichloroethane	6.105	63	192373	51.928	ug/l	98
25) 2-Butanone	7.081	43	152248	267.542	ug/l	88
26) 2,2-Dichloropropane	7.075	77	160237	50.177	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	130584	51.593	ug/l	95
28) Bromochloromethane	7.428	49	43937	47.438	ug/l	85
29) Tetrahydrofuran	7.440	42	86652	257.722	ug/l	94
30) Chloroform	7.593	83	202534	49.915	ug/l	99
31) Cyclohexane	7.875	56	121483	46.364	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	167216	51.078	ug/l	97
36) 1,1-Dichloropropene	8.005	75	135353	50.092	ug/l	96
37) Ethyl Acetate	7.163	43	65726	54.391	ug/l	98
38) Carbon Tetrachloride	7.993	117	129311	49.979	ug/l	94
39) Methylcyclohexane	9.275	83	157345	50.431	ug/l	95
40) Benzene	8.246	78	425999	49.966	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	36882	49.981	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	113879	51.407	ug/l	98
43) Isopropyl Acetate	8.357	43	122722	52.038	ug/l	93
44) Trichloroethene	9.028	130	117790	50.700	ug/l	92
45) 1,2-Dichloropropane	9.304	63	118425	53.810	ug/l	94
46) Dibromomethane	9.393	93	69311	53.804	ug/l	90
47) Bromodichloromethane	9.581	83	170406	52.712	ug/l	98
48) Methyl methacrylate	9.381	41	58039	54.072	ug/l	83
49) 1,4-Dioxane	9.381	88	16572	1004.070	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	340901	271.494	ug/l	94
52) Toluene	10.334	92	290844	51.940	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	161620	53.863	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	187531	53.030	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	99917	53.115	ug/l	95
56) Ethyl methacrylate	10.599	69	119962	55.252	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	159327	52.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	212213	252.507	ug/l	99
59) 2-Hexanone	10.922	43	244032	272.370	ug/l	92
60) Dibromochloromethane	11.075	129	116566	53.341	ug/l	96
61) 1,2-Dibromoethane	11.181	107	94598	54.241	ug/l	99
64) Tetrachloroethene	10.810	164	90749	48.919	ug/l #	88
65) Chlorobenzene	11.604	112	325029	49.676	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	120109	49.306	ug/l	97
67) Ethyl Benzene	11.681	91	572548	49.827	ug/l	94
68) m/p-Xylenes	11.793	106	440372	99.786	ug/l	91
69) o-Xylene	12.122	106	215142	50.413	ug/l	92
70) Styrene	12.134	104	378667	50.687	ug/l	97
71) Bromoform	12.298	173	68612	51.427	ug/l #	100
73) Isopropylbenzene	12.422	105	555530	49.762	ug/l	96
74) N-amyl acetate	12.234	43	116996	49.746	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	121134	50.537	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	75066m	49.093	ug/l	
77) Bromobenzene	12.698	156	130227	50.537	ug/l	87
78) n-propylbenzene	12.763	91	673260	49.745	ug/l	96
79) 2-Chlorotoluene	12.851	91	372233	50.160	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	455283	50.436	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	36131	52.549	ug/l	97
82) 4-Chlorotoluene	12.945	91	392430	50.620	ug/l	95
83) tert-Butylbenzene	13.169	119	403558	50.774	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	468615	50.800	ug/l	95
85) sec-Butylbenzene	13.345	105	605537	49.865	ug/l	95
86) p-Isopropyltoluene	13.457	119	506039	50.459	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	267421	50.455	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	258046	49.693	ug/l	97
89) n-Butylbenzene	13.787	91	487385	49.664	ug/l	98
90) Hexachloroethane	14.051	117	94268	50.843	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	235080	50.335	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16255	47.562	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	142208	49.875	ug/l	97
94) Hexachlorobutadiene	15.204	225	67512	49.232	ug/l	97
95) Naphthalene	15.328	128	316788	51.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	127234	49.726	ug/l	99

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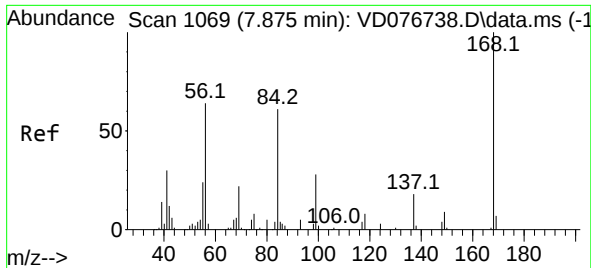
Manual Integrations
APPROVED

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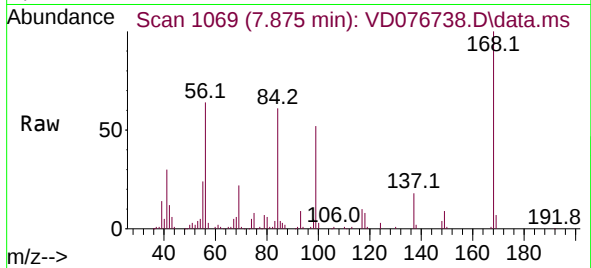
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076738.D
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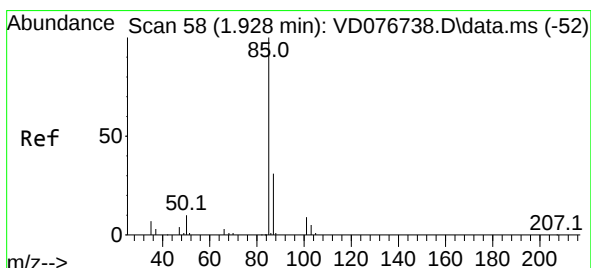
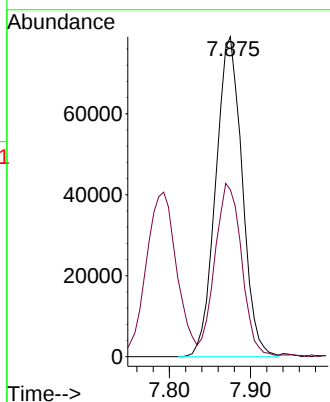
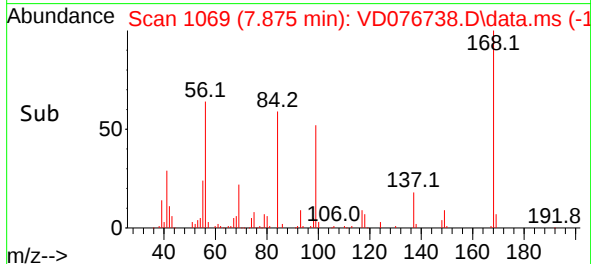
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 178749
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1

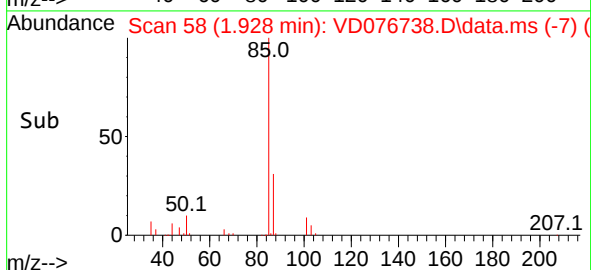
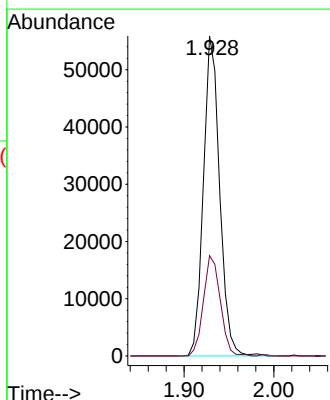
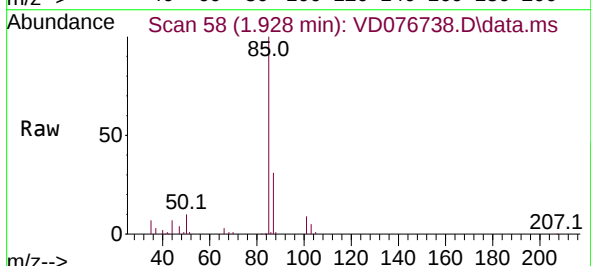
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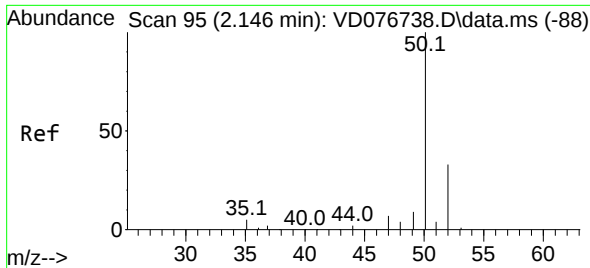
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 50.193 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion: 85 Resp: 70159
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0





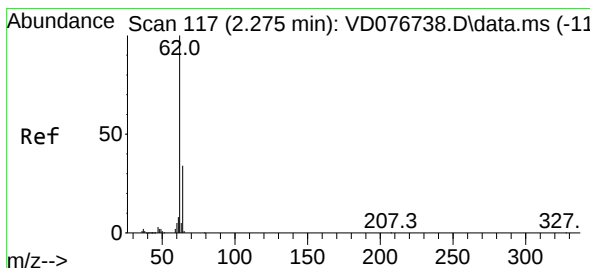
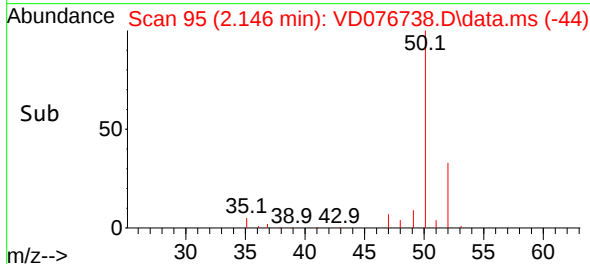
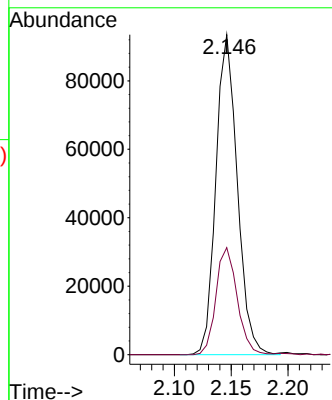
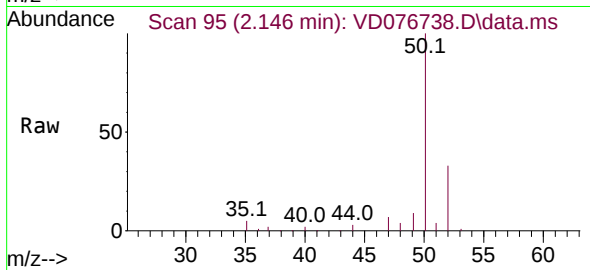
#3
Chloromethane
Concen: 50.842 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
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Tgt Ion: 50 Resp: 12259
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0

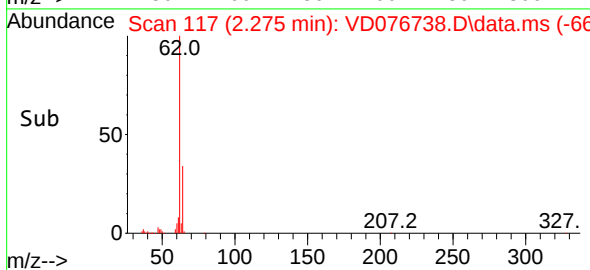
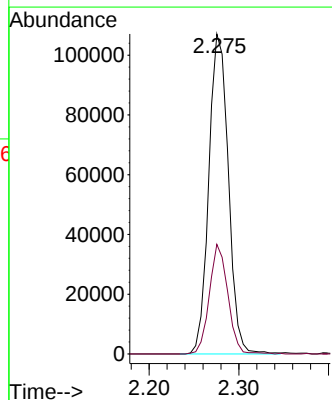
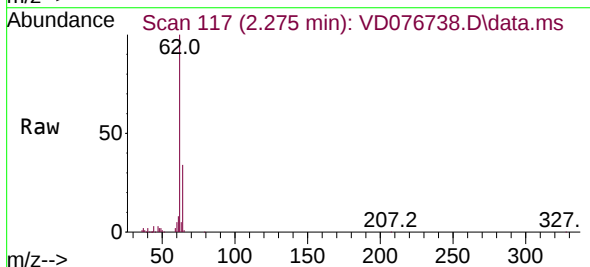
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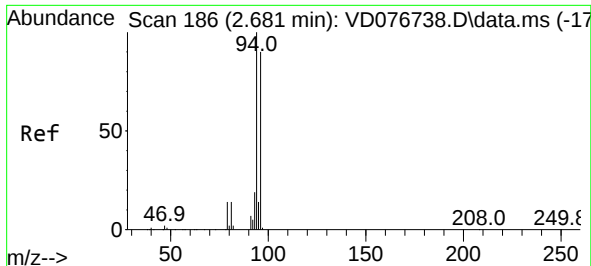
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 50.392 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

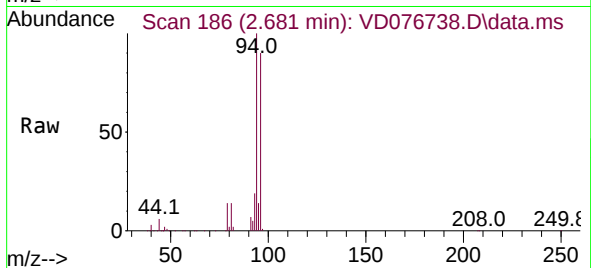
Tgt Ion: 62 Resp: 161972
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0





#5
Bromomethane
Concen: 47.657 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

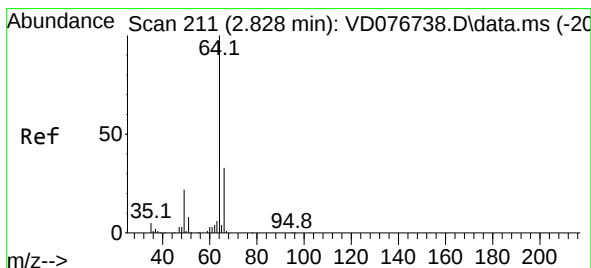
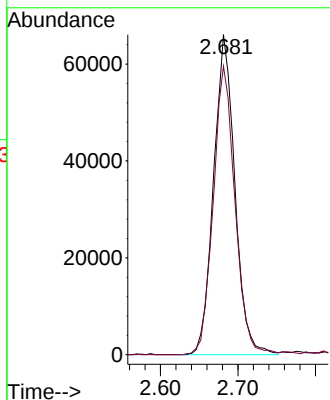
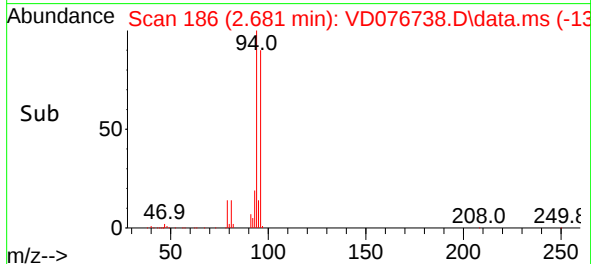
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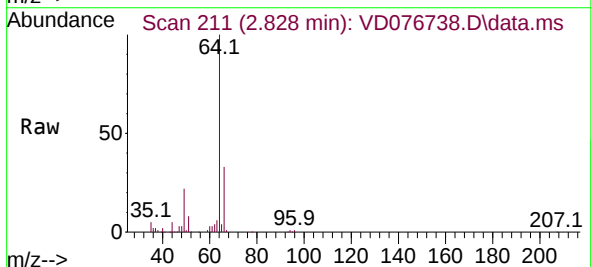
Tgt Ion: 94 Resp: 126033
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.8

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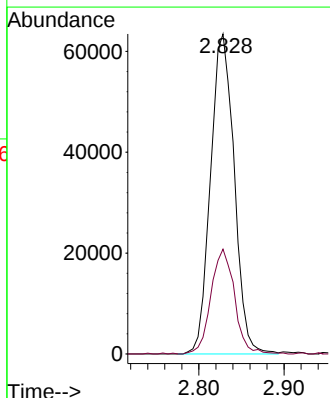
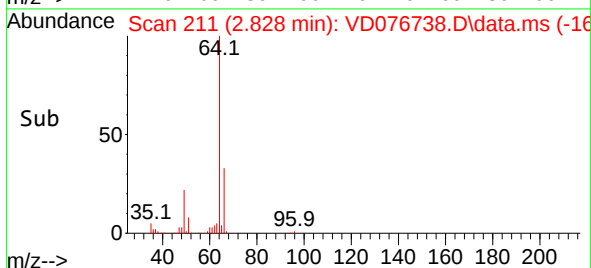
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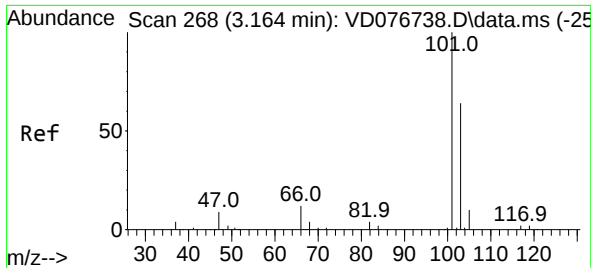


#6
Chloroethane
Concen: 50.606 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076738.D
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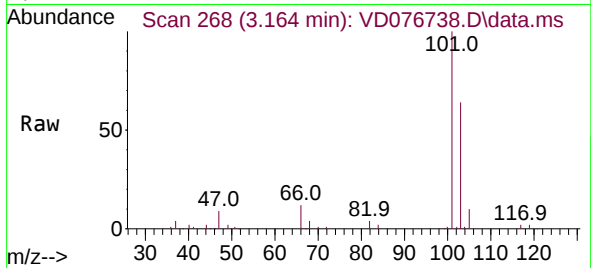
Tgt Ion: 64 Resp: 122811
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 48.458 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

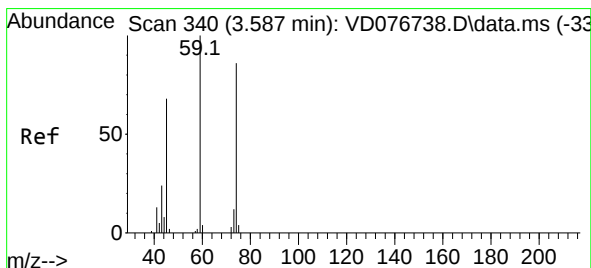
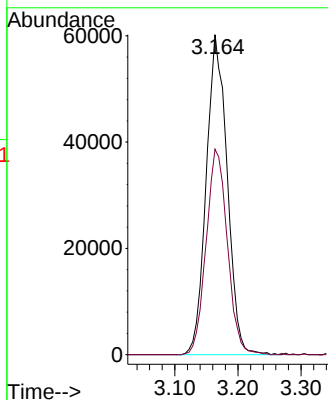
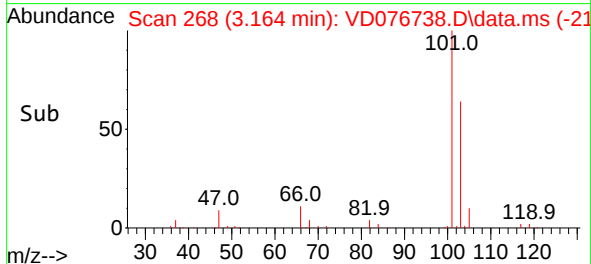
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 138594
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

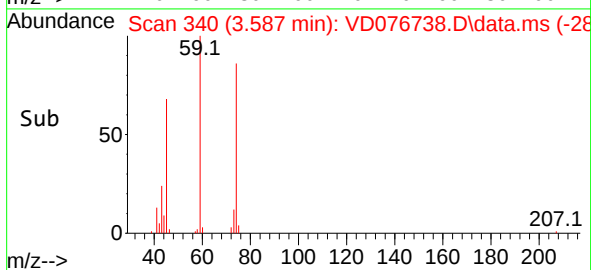
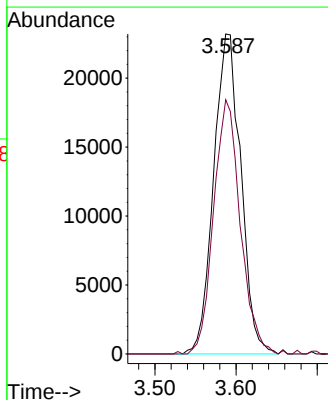
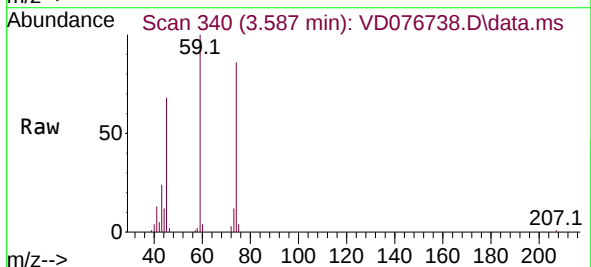
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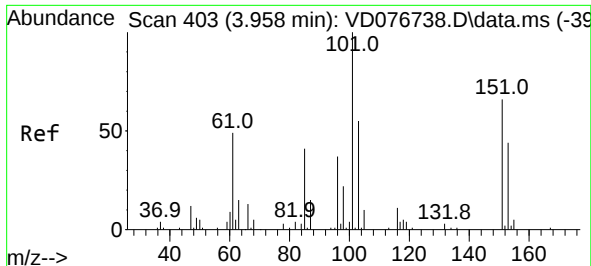
Reviewed By :John Carlone 07/17/2023
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#8
 Diethyl Ether
 Concen: 54.810 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076738.D
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Tgt Ion: 74 Resp: 53972
 Ion Ratio Lower Upper
 74 100
 45 78.0 37.5 112.7





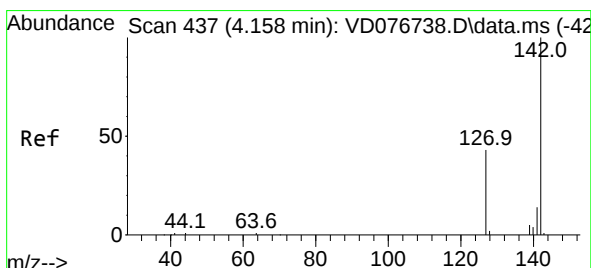
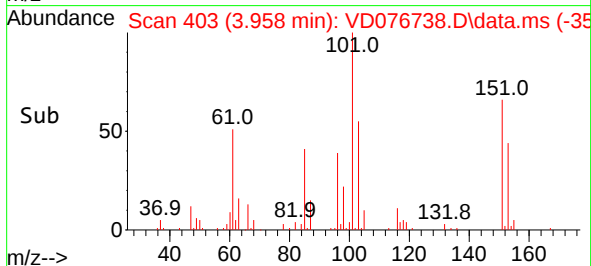
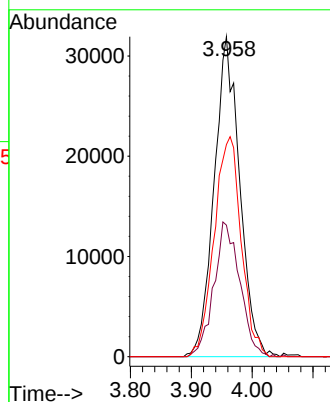
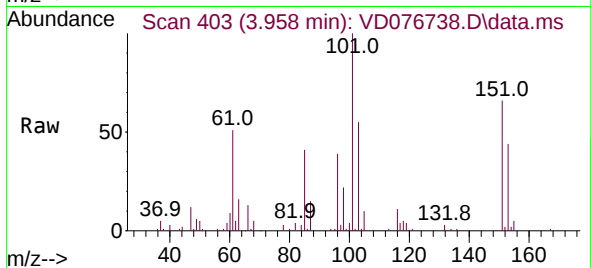
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.407 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 9288
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 73.0 59.8 89.6

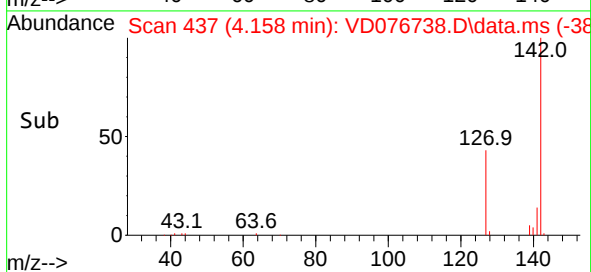
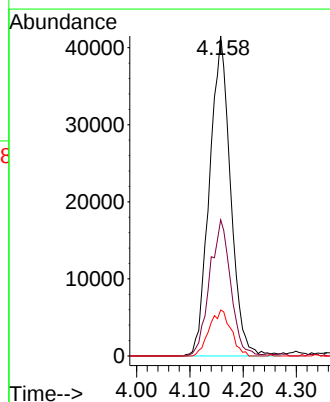
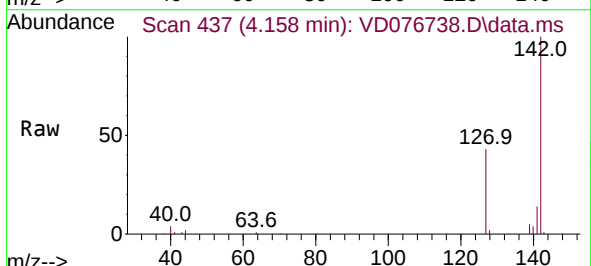
Manual Integrations
APPROVED

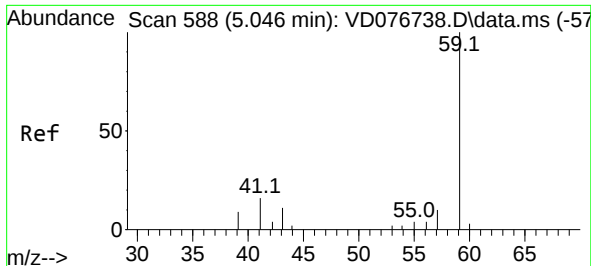
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 53.792 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion:142 Resp: 114000
Ion Ratio Lower Upper
142 100
127 42.4 29.4 44.0
141 14.8 11.1 16.7





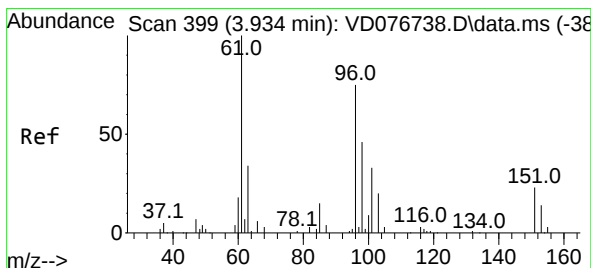
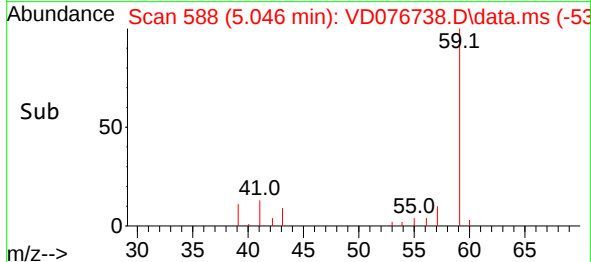
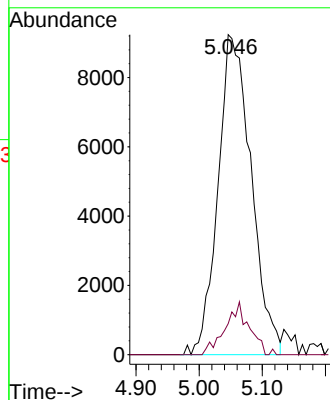
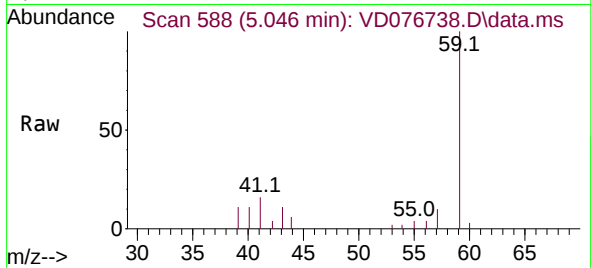
#11
Tert butyl alcohol
Concen: 253.366 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 3366
Ion Ratio Lower Upper
59 100
57 11.8 7.8 11.8

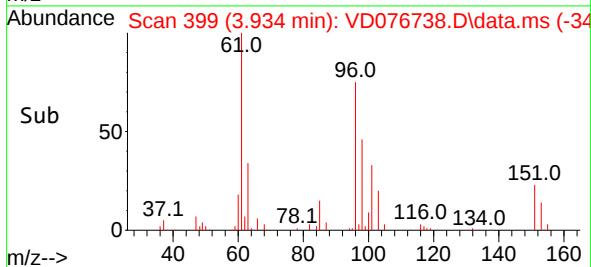
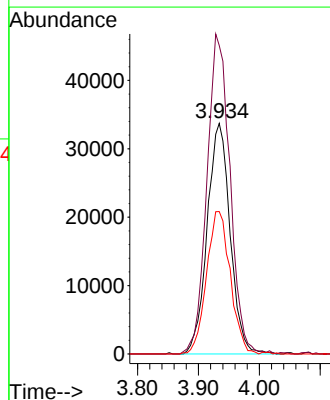
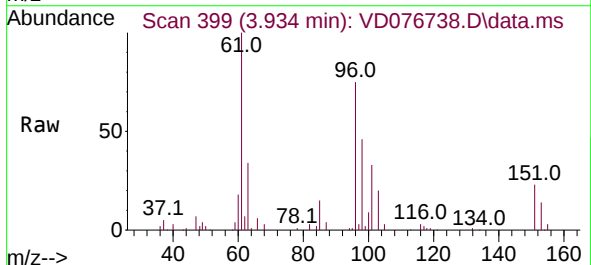
Manual Integrations
APPROVED

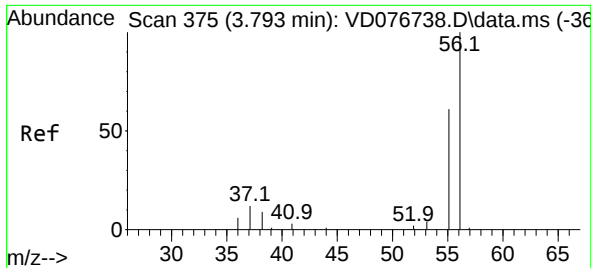
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 49.979 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

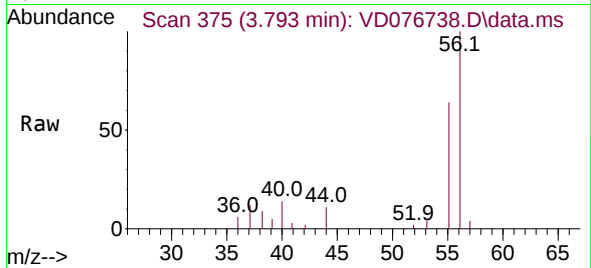
Tgt Ion: 96 Resp: 88279
Ion Ratio Lower Upper
96 100
61 133.8 100.6 150.8
98 61.8 50.2 75.2





#13
Acrolein
Concen: 227.666 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

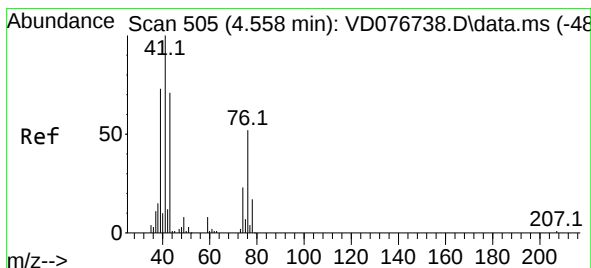
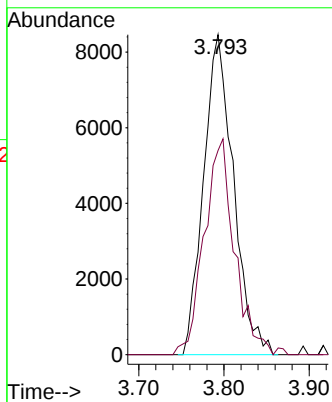
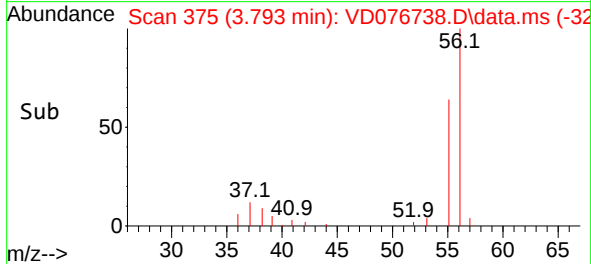
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 2061
Ion Ratio Lower Upper
56 100
55 68.2 55.1 82.7

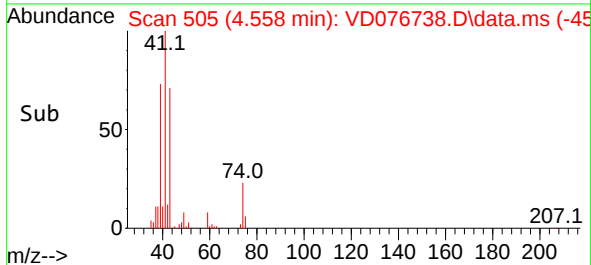
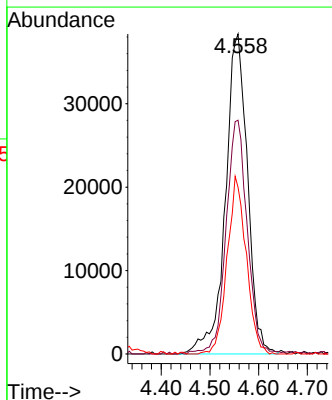
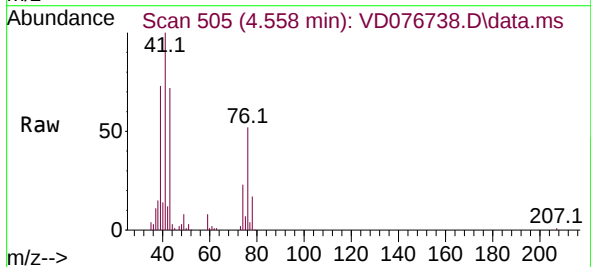
Manual Integrations
APPROVED

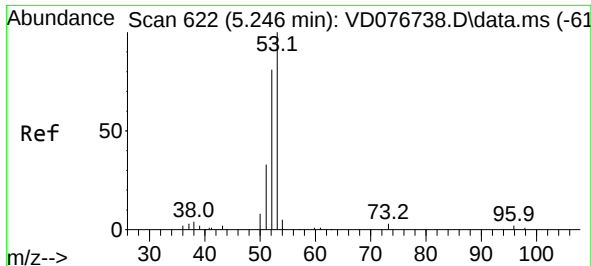
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 52.041 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

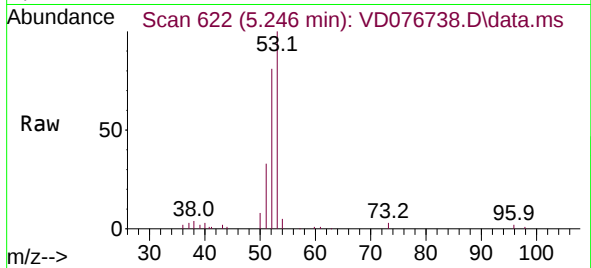
Tgt Ion: 41 Resp: 120752
Ion Ratio Lower Upper
41 100
39 70.0 53.8 80.6
76 48.0 45.8 68.8





#15
Acrylonitrile
Concen: 262.440 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

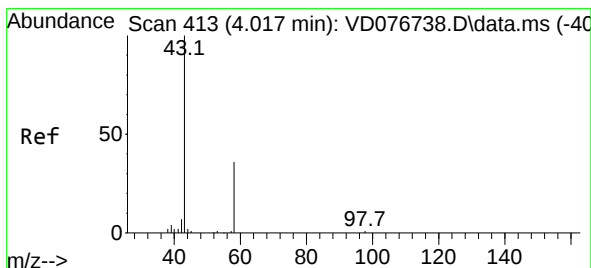
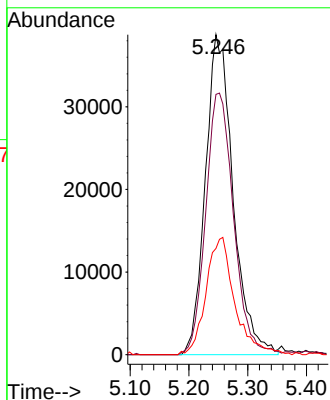
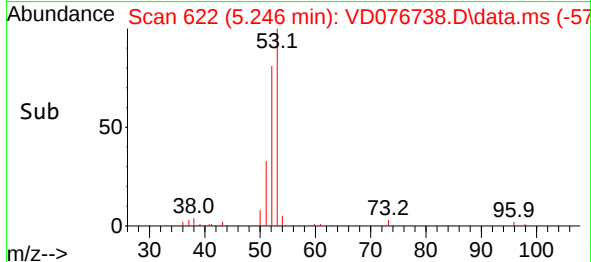
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 12692
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 37.9 28.3 42.5

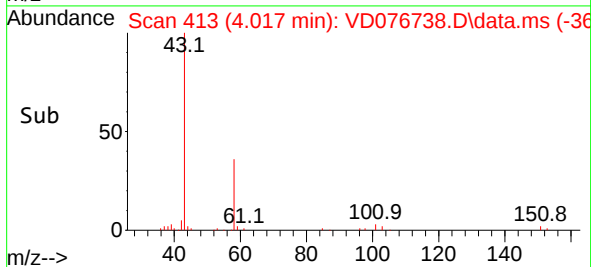
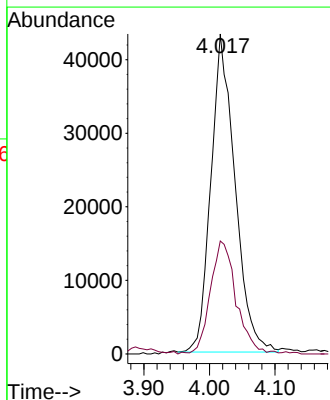
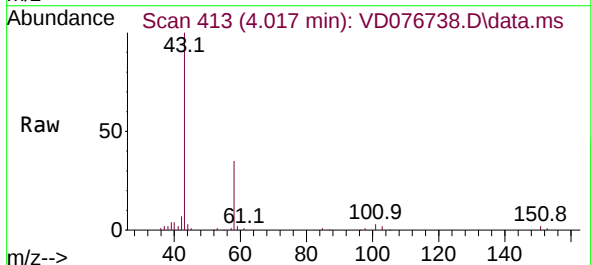
Manual Integrations
APPROVED

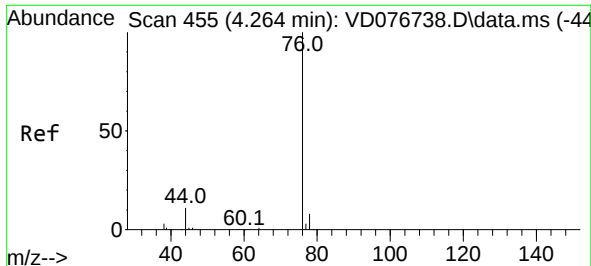
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 259.520 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

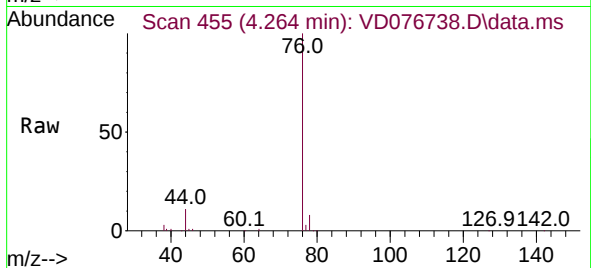
Tgt Ion: 43 Resp: 110347
Ion Ratio Lower Upper
43 100
58 35.5 34.7 52.1





#17
Carbon Disulfide
Concen: 52.211 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

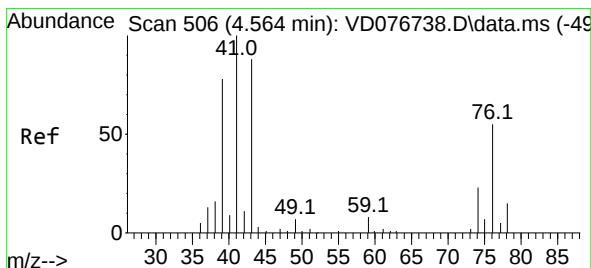
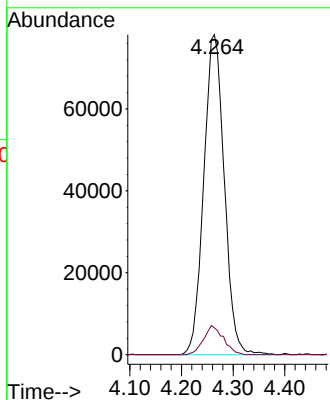
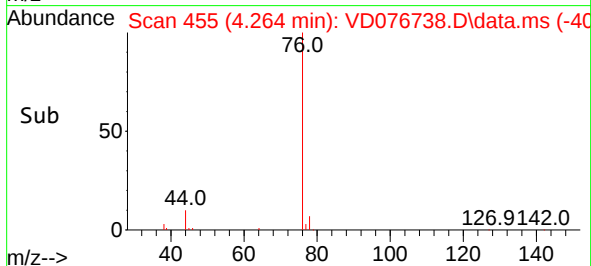
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 21539
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

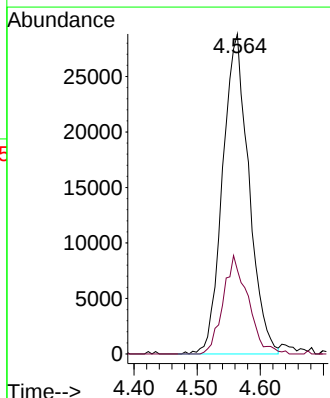
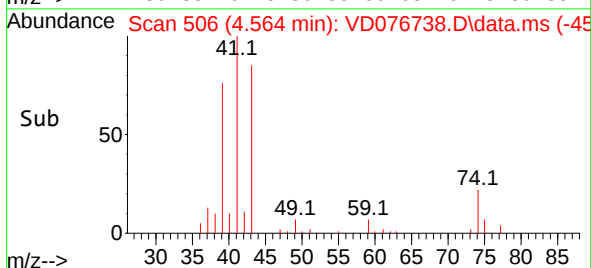
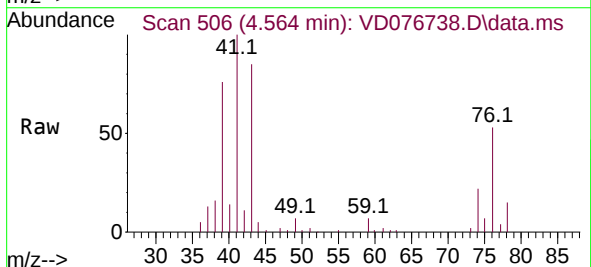
Manual Integrations
APPROVED

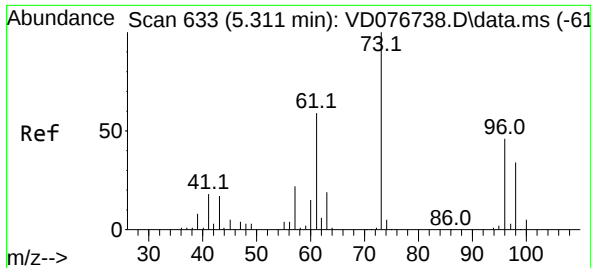
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 52.050 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion: 43 Resp: 83150
Ion Ratio Lower Upper
43 100
74 29.4 26.4 39.6





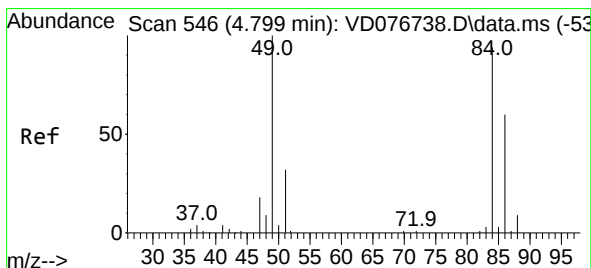
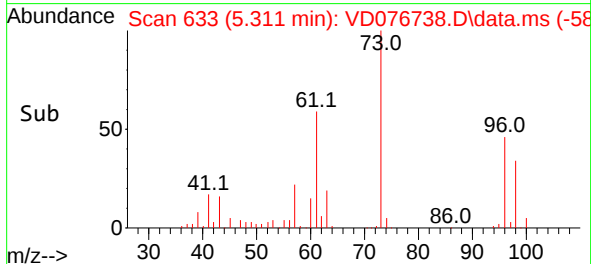
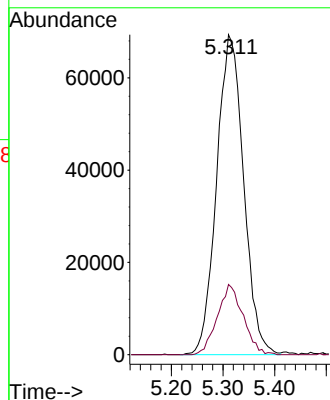
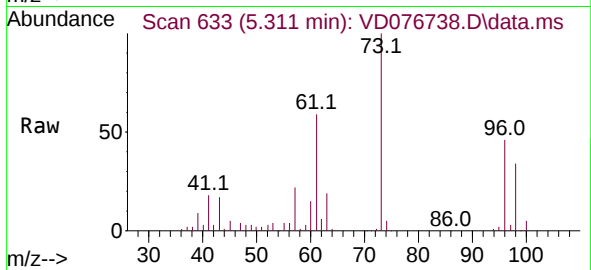
#19
Methyl tert-butyl Ether
Concen: 52.994 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 251018
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0

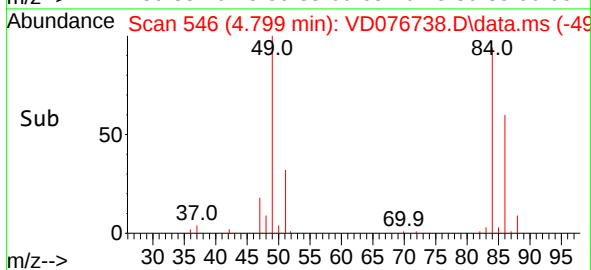
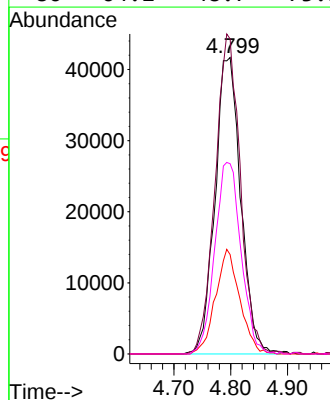
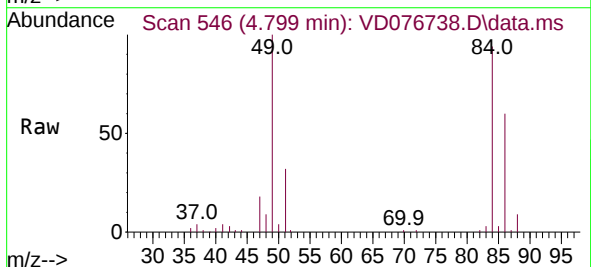
Manual Integrations
APPROVED

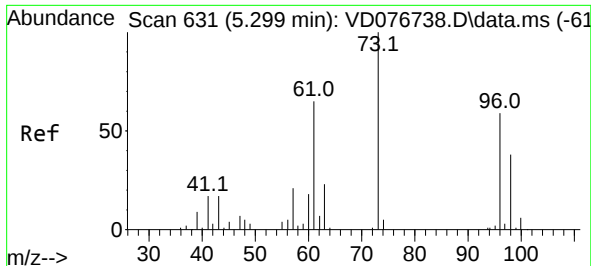
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 52.340 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

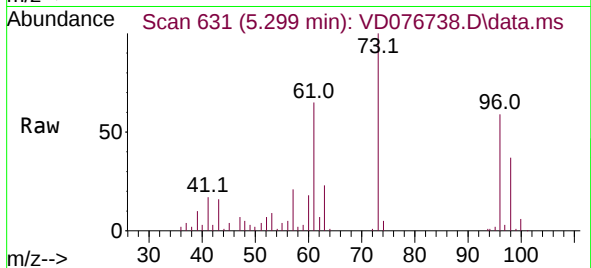
Tgt Ion: 84 Resp: 131298
Ion Ratio Lower Upper
84 100
49 106.3 71.4 107.2
51 33.5 24.5 36.7
86 64.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.338 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

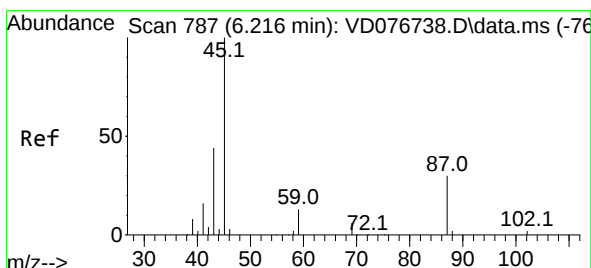
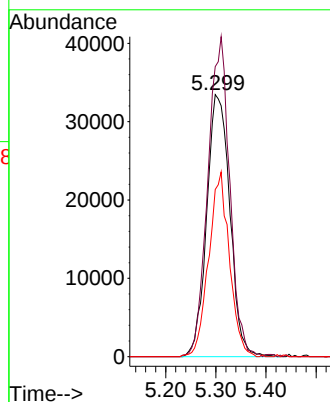
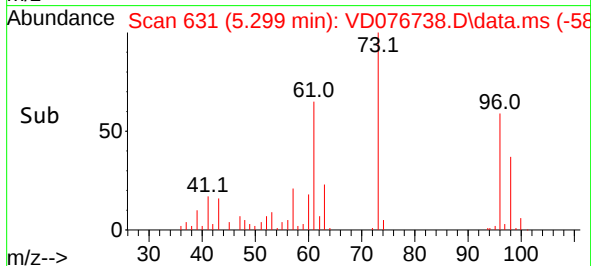
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



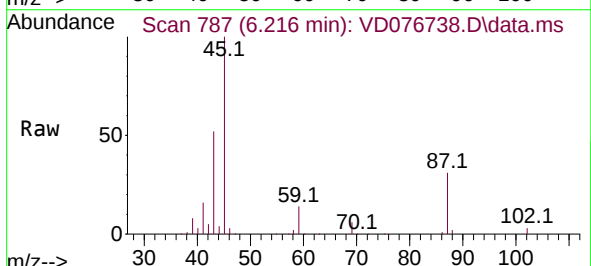
Tgt Ion: 96 Resp: 107458
Ion Ratio Lower Upper
96 100
61 110.7 89.3 133.9
98 63.8 48.6 73.0

Manual Integrations
APPROVED

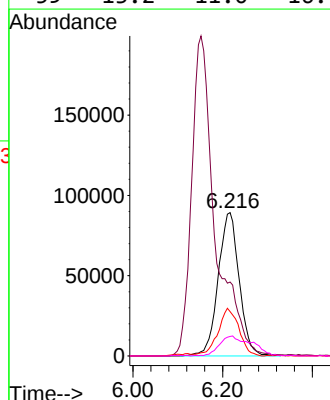
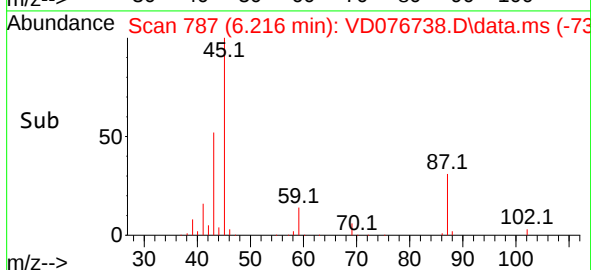
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

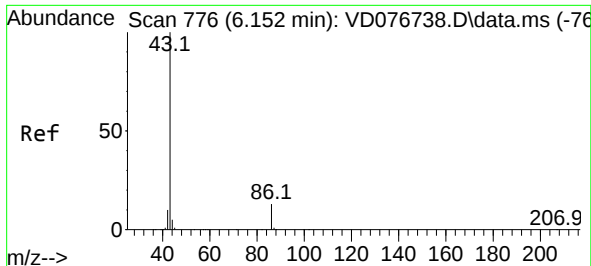


#22
Diisopropyl ether
Concen: 52.885 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



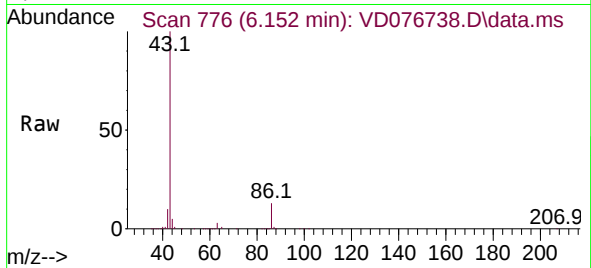
Tgt Ion: 45 Resp: 290581
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 30.7 28.2 42.4
59 13.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 267.513 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

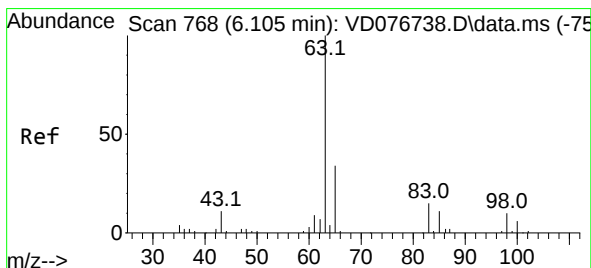
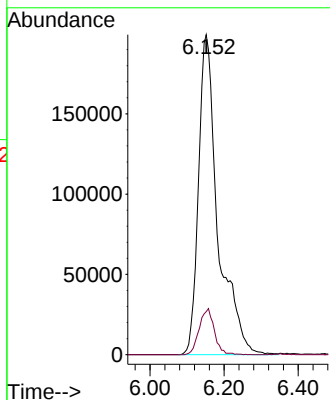
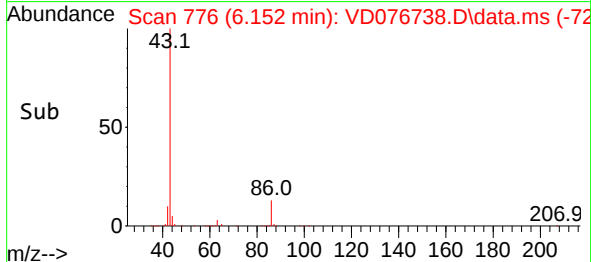
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



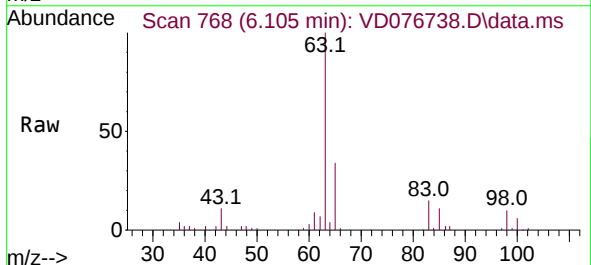
Tgt Ion: 43 Resp: 727262
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7

Manual Integrations
 APPROVED

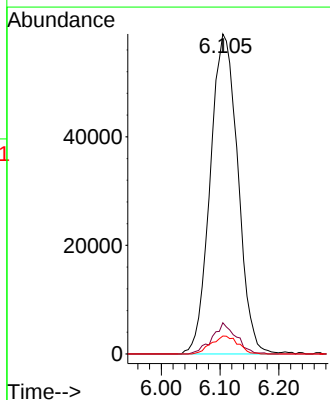
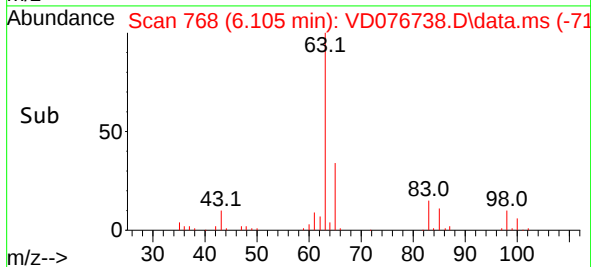
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

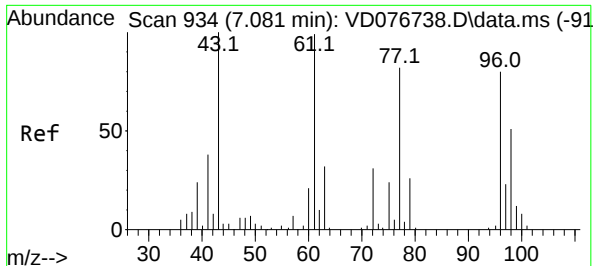


#24
 1,1-Dichloroethane
 Concen: 51.928 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21



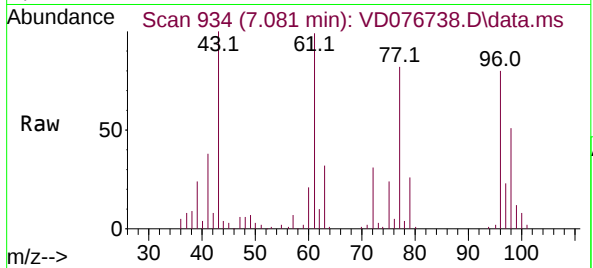
Tgt Ion: 63 Resp: 192373
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.5 13.7
 100 5.6 2.5 7.5





#25
2-Butanone
Concen: 267.542 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

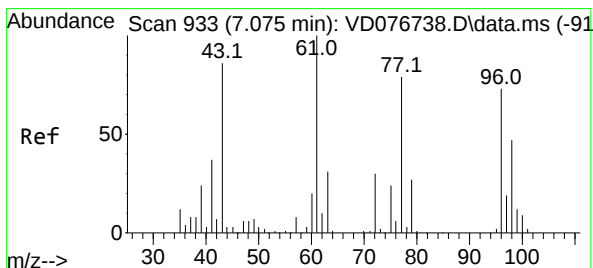
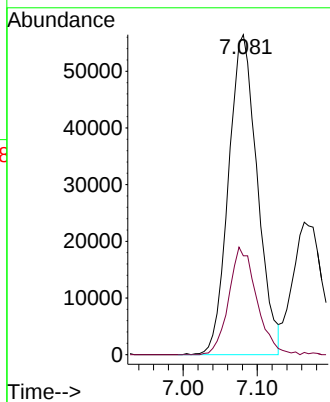
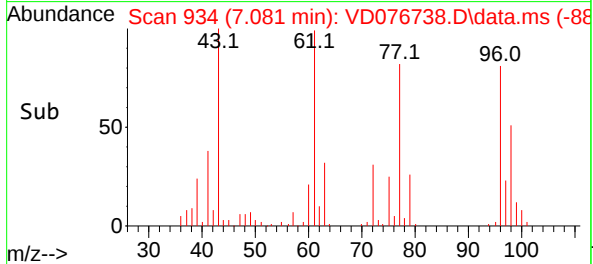
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



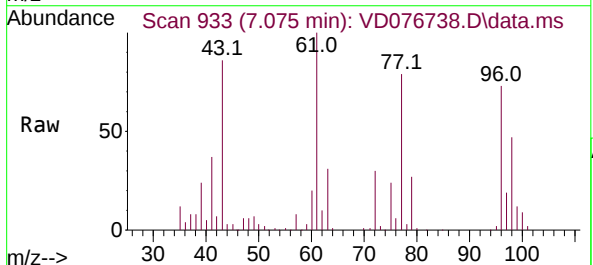
Tgt Ion: 43 Resp: 152248
Ion Ratio Lower Upper
43 100
72 30.9 30.7 46.1

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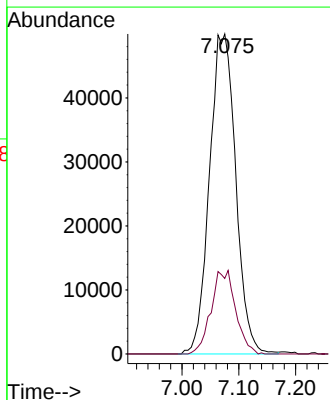
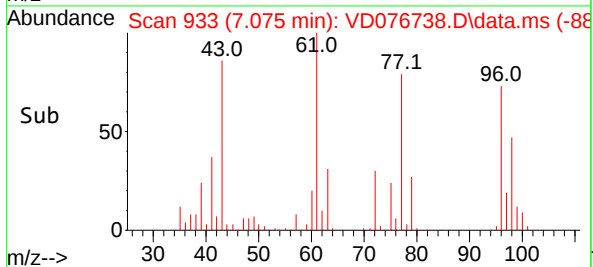
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#26
2,2-Dichloropropane
Concen: 50.177 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



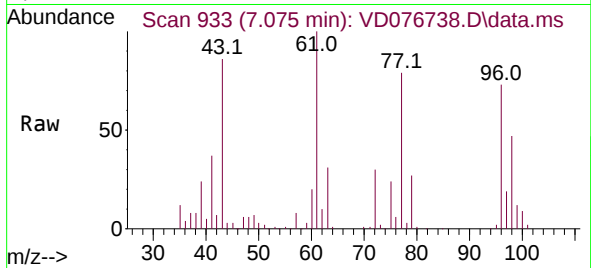
Tgt Ion: 77 Resp: 160237
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.593 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

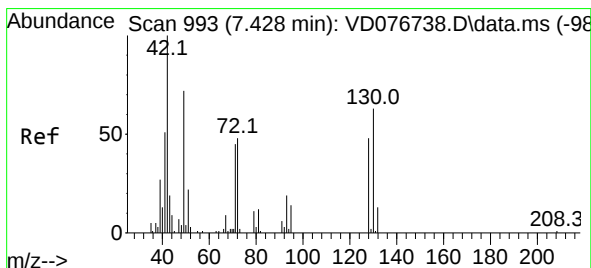
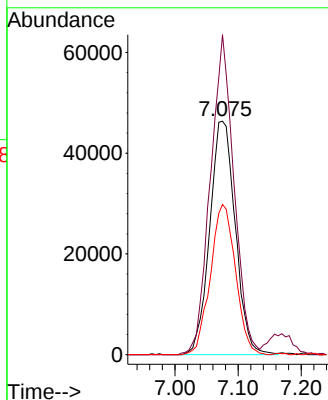
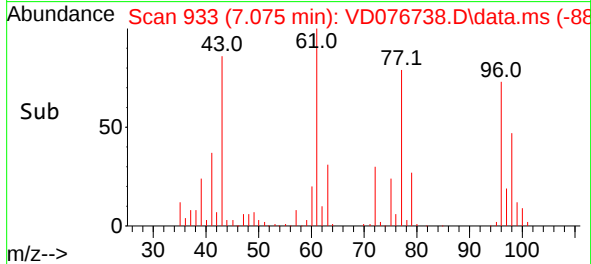
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 130584
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 239.2
 98 63.1 0.0 128.6

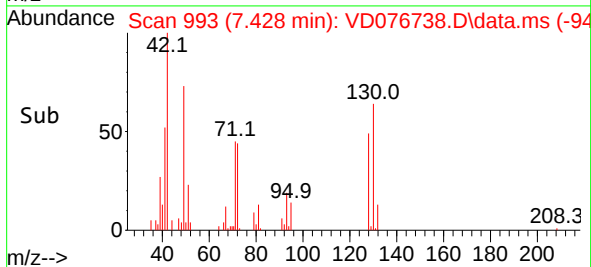
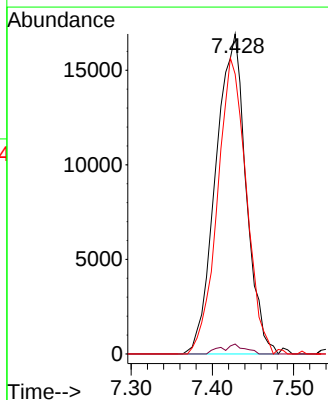
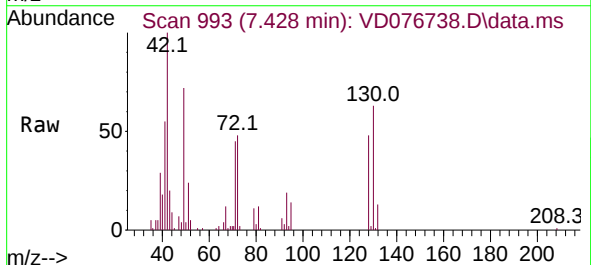
Manual Integrations
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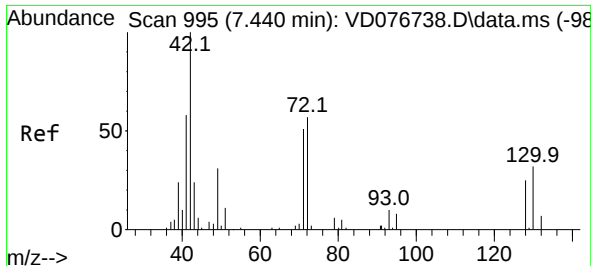
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 47.438 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Tgt Ion: 49 Resp: 43937
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 88.1 83.2 124.8





#29

Tetrahydrofuran

Concen: 257.722 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

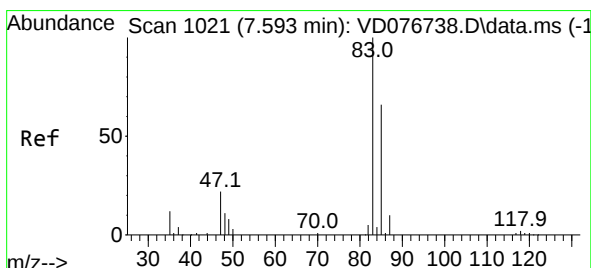
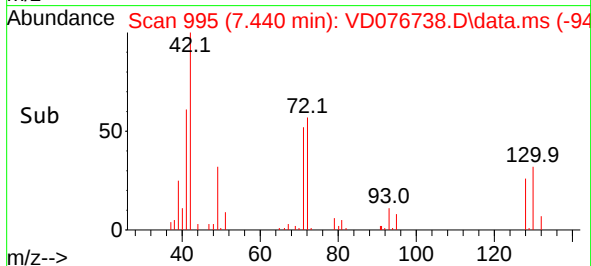
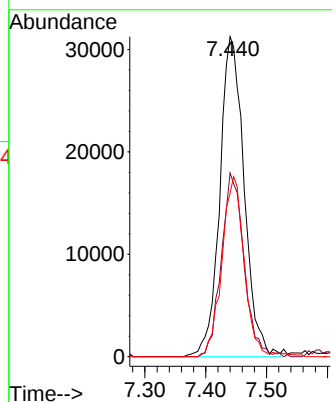
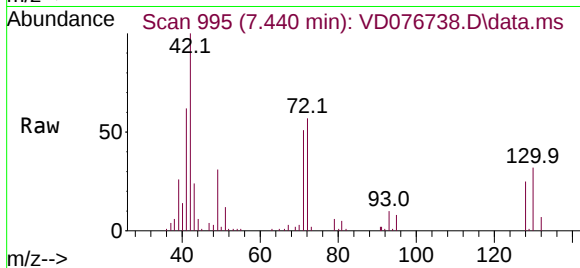
Tgt Ion:	42	Resp:	86652
Ion Ratio	Lower	Upper	
42	100		
72	53.5	46.5	69.7
71	51.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 49.915 ug/l

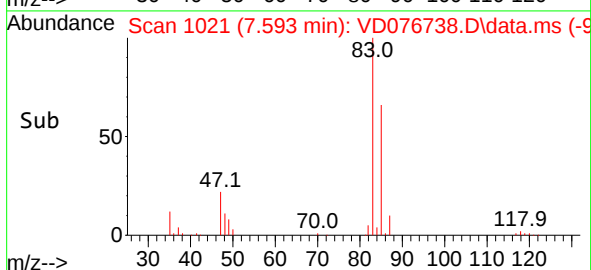
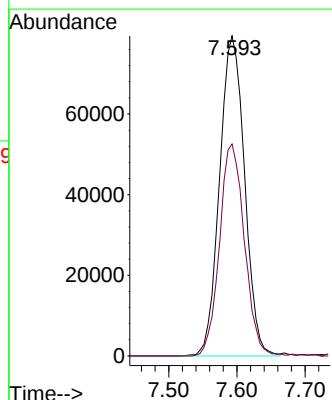
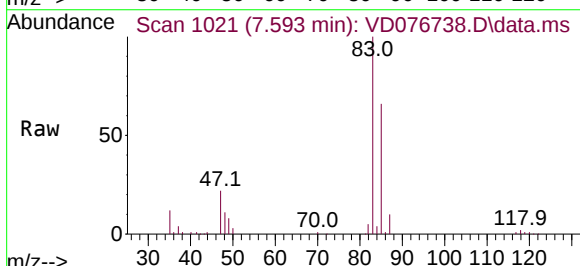
RT: 7.593 min Scan# 1021

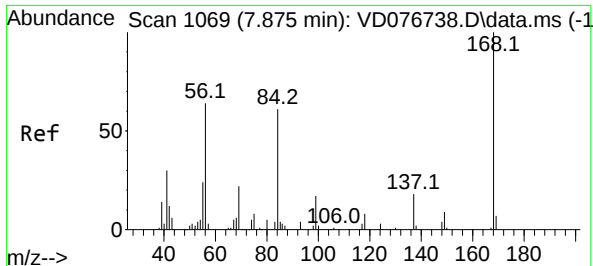
Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Tgt Ion:	83	Resp:	202534
Ion Ratio	Lower	Upper	
83	100		
85	66.2	53.4	80.2





#31

Cyclohexane

Concen: 46.364 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 12148

Ion Ratio Lower Upper

56 100

69 34.0 28.6 43.0

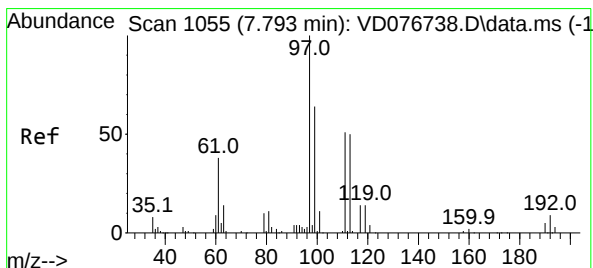
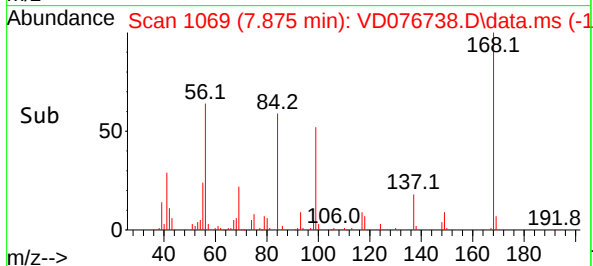
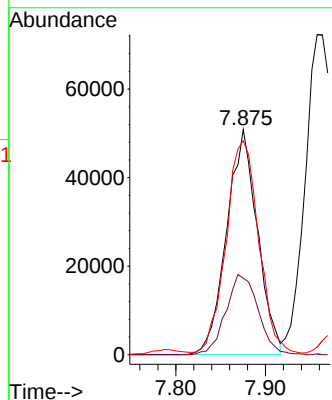
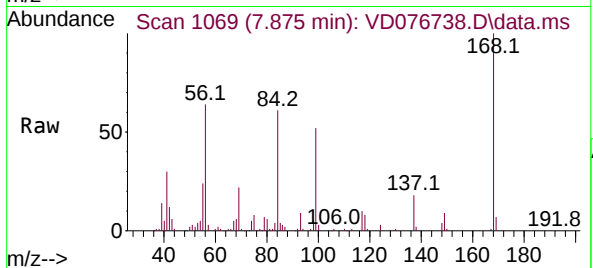
84 93.6 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#32

1,1,1-Trichloroethane

Concen: 51.078 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

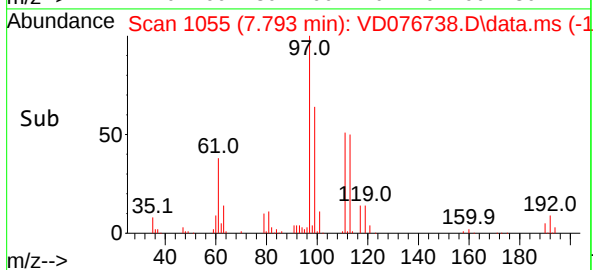
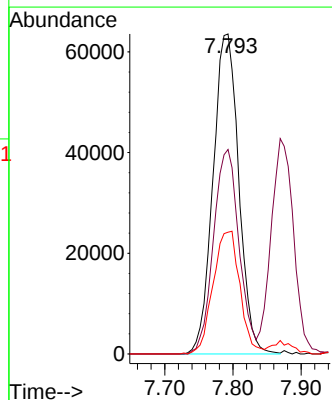
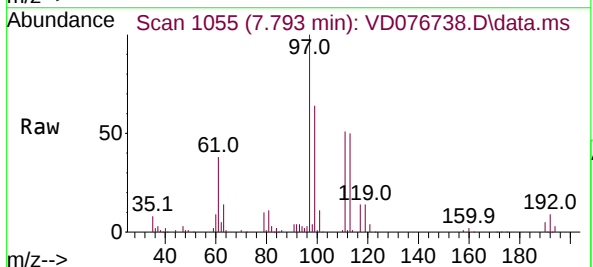
Tgt Ion: 97 Resp: 167216

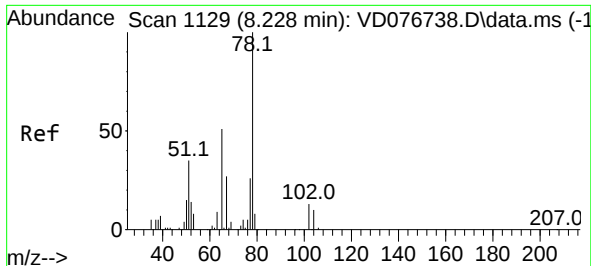
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 40.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.024 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 8372

Ion Ratio Lower Upper

65 100

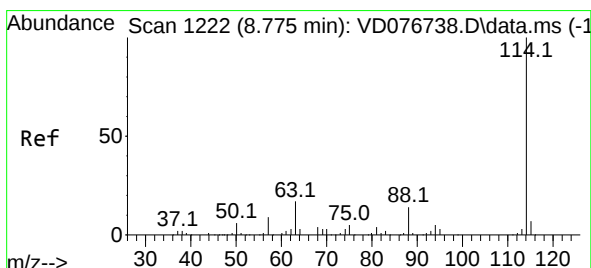
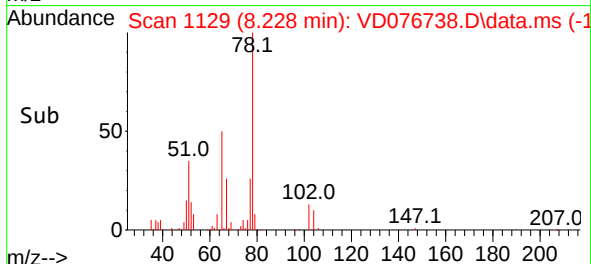
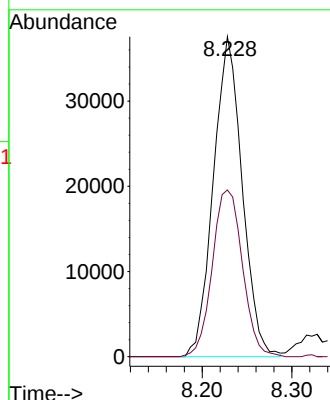
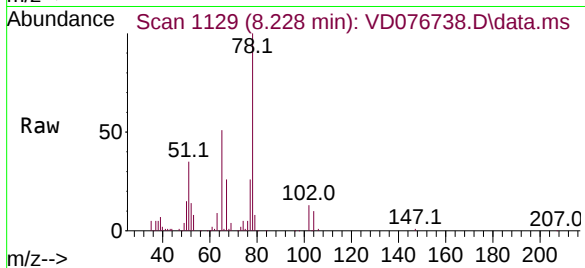
67 54.5 0.0 115.0

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: VD076738.D

Acq: 14 Jul 2023 13:21

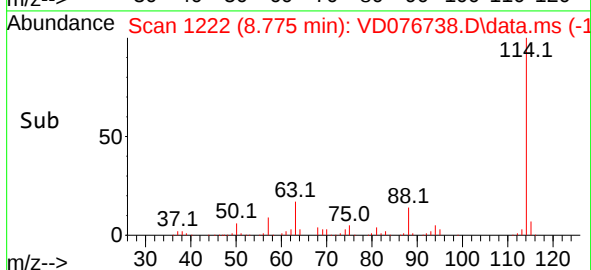
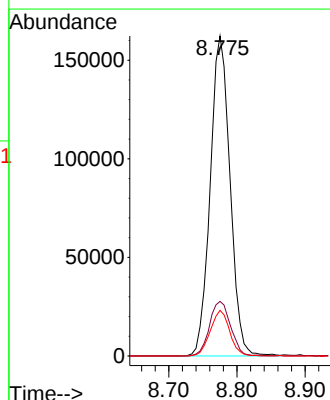
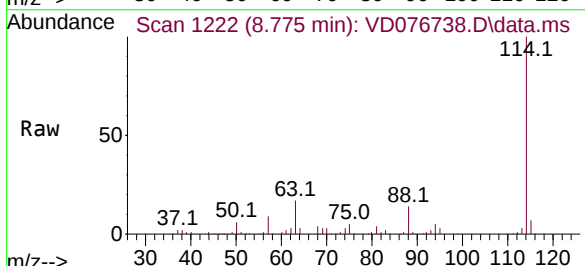
Tgt Ion:114 Resp: 329060

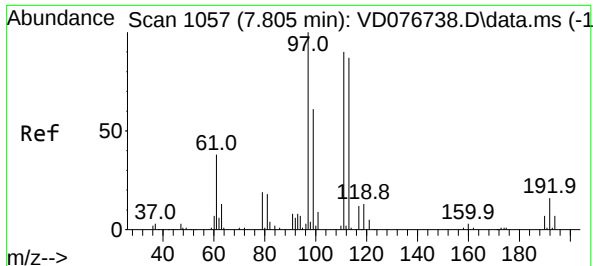
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.329 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 95800

Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

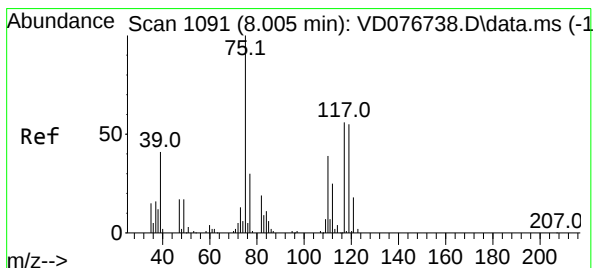
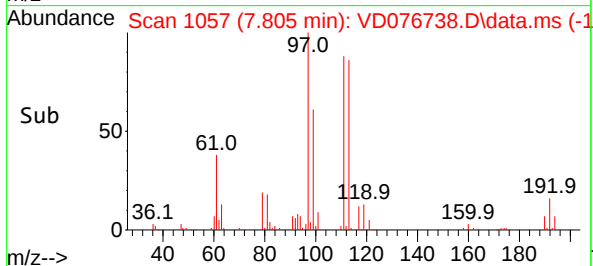
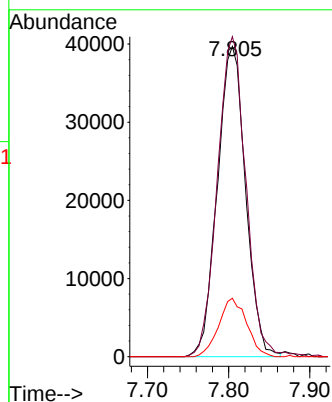
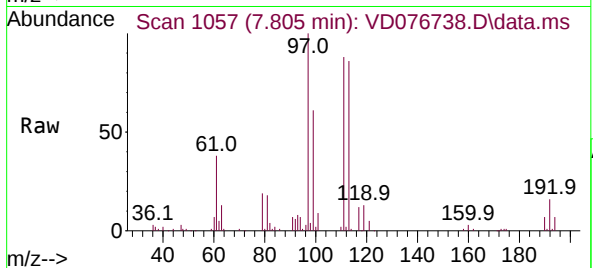
192 18.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 50.092 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

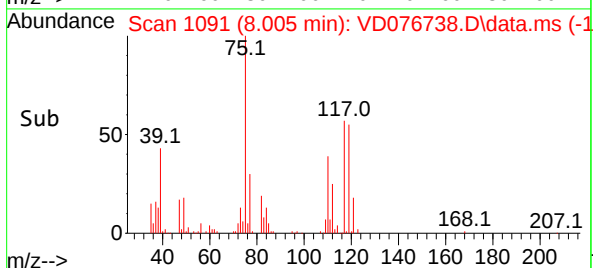
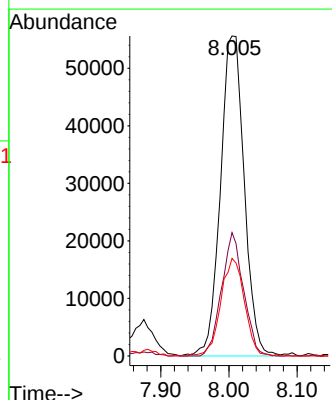
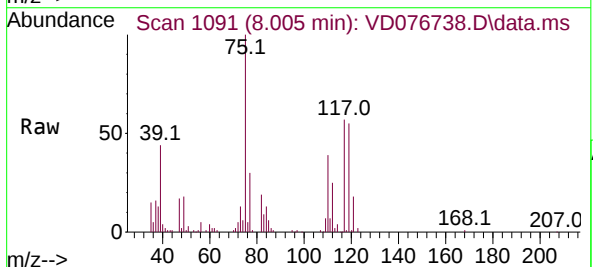
Tgt Ion: 75 Resp: 135353

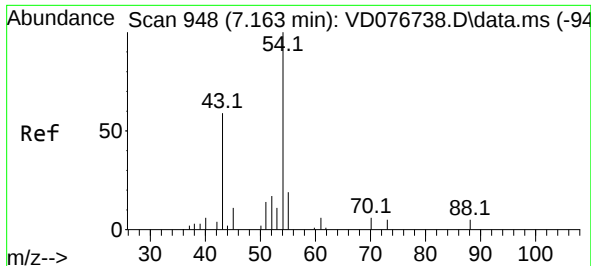
Ion Ratio Lower Upper

75 100

110 35.5 19.9 59.6

77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 54.391 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 65720

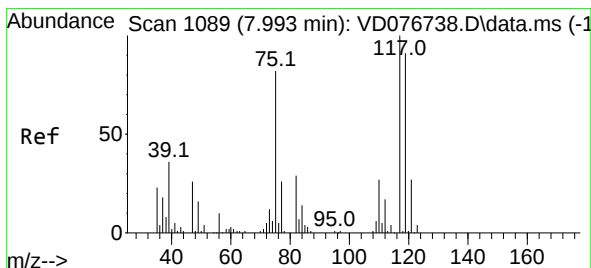
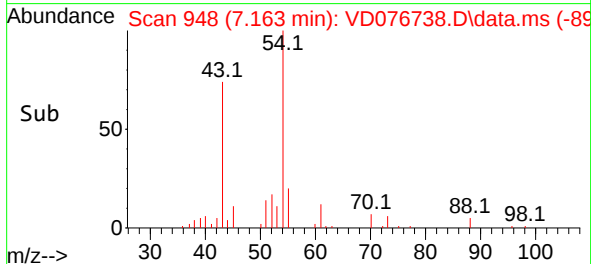
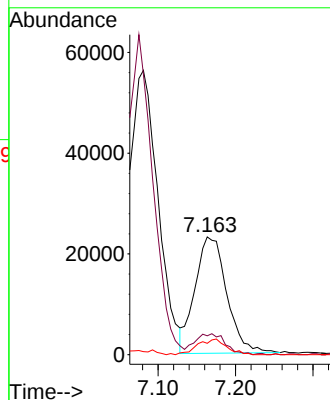
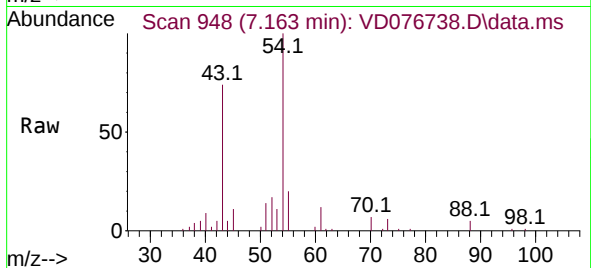
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.9	22.3
70	12.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#38

Carbon Tetrachloride

Concen: 49.979 ug/l

RT: 7.993 min Scan# 1089

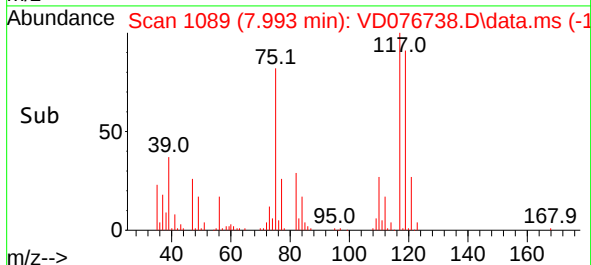
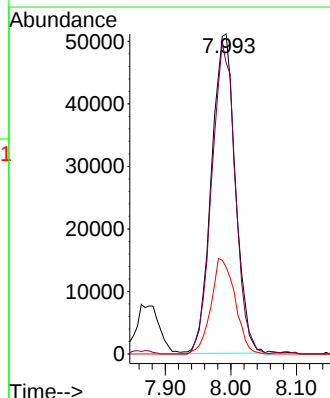
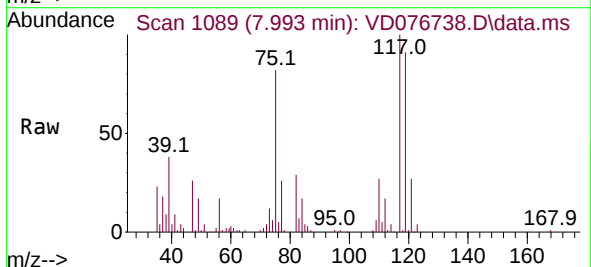
Delta R.T. -0.000 min

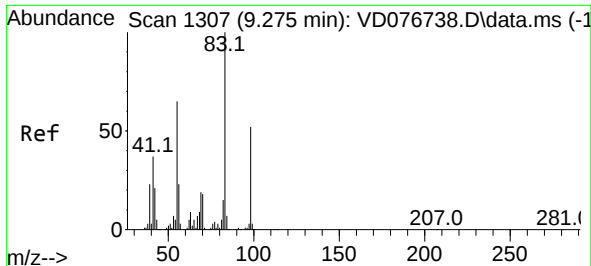
Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Tgt Ion:117 Resp: 129311

Ion	Ratio	Lower	Upper
117	100		
119	91.2	78.0	117.0
121	27.2	24.2	36.2





#39

Methylcyclohexane

Concen: 50.431 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD076738.D

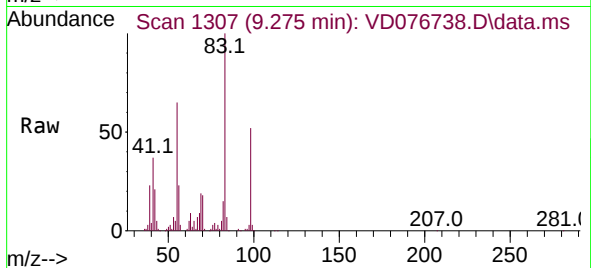
Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050



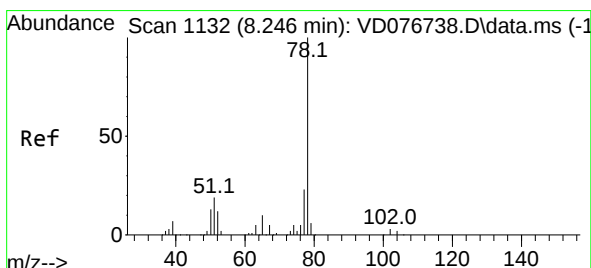
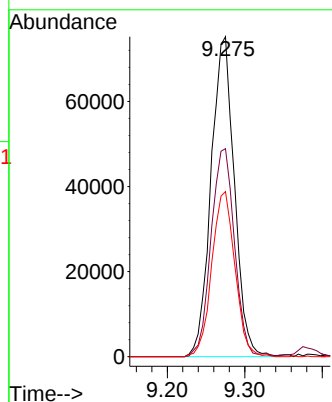
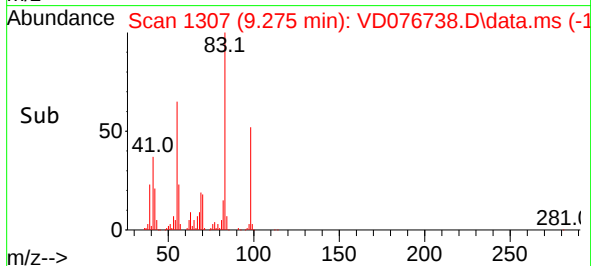
Tgt Ion:	83	Resp:	157349
Ion	Ratio	Lower	Upper
83	100		
55	65.0	49.4	74.0
98	51.6	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 49.966 ug/l

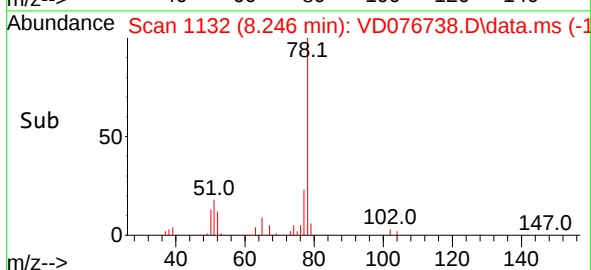
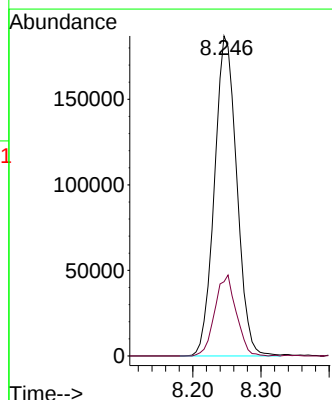
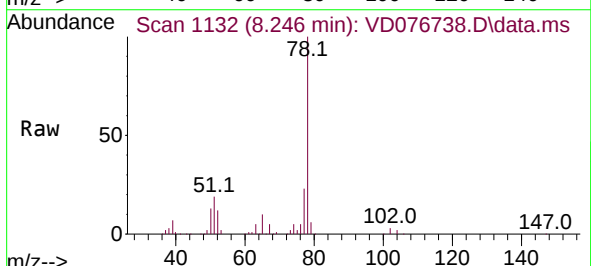
RT: 8.246 min Scan# 1132

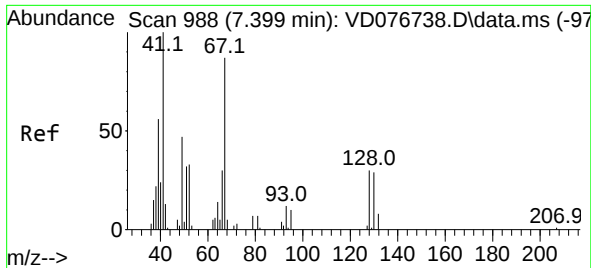
Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

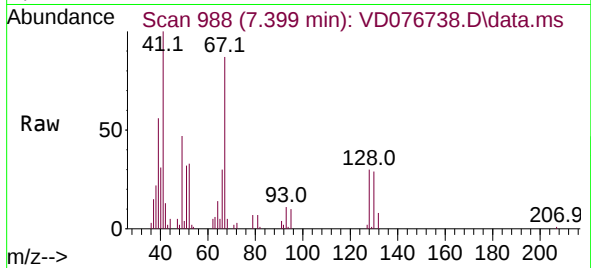
Tgt Ion:	78	Resp:	425999
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 49.981 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

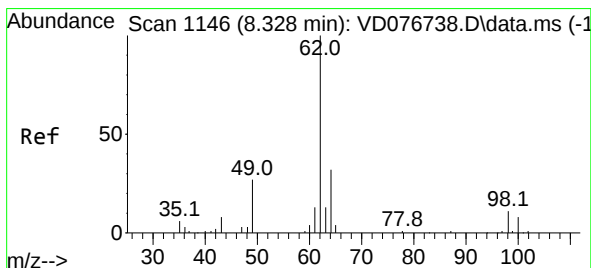
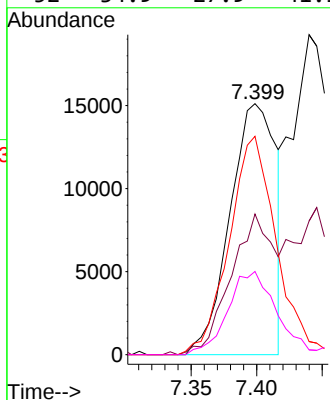
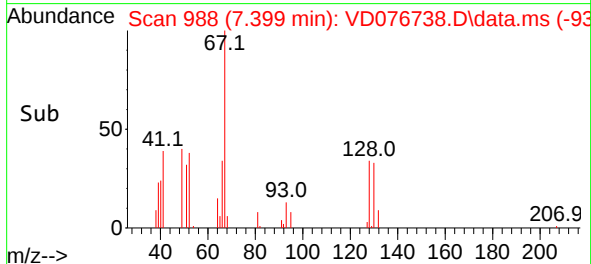
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 3688
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0
67 89.1 77.0 115.4
52 34.9 27.9 41.9

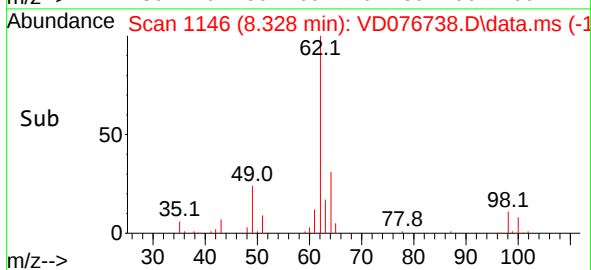
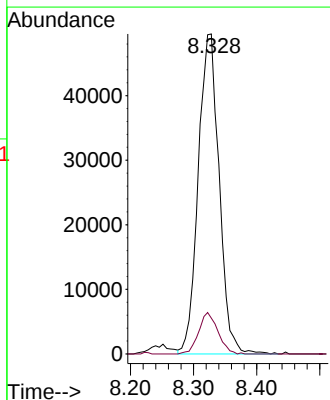
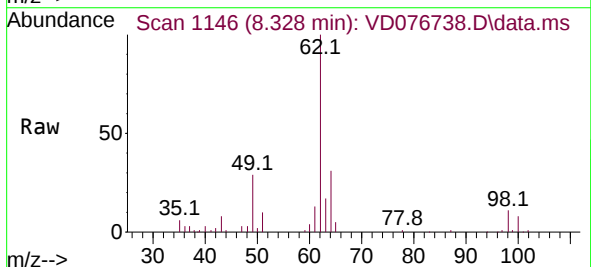
Manual Integrations
APPROVED

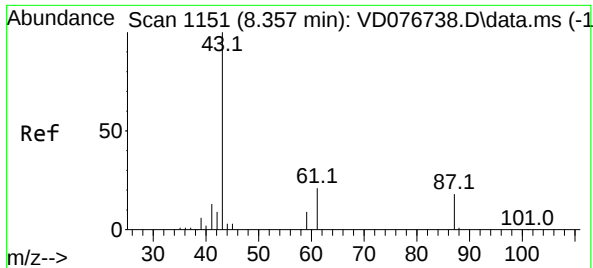
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 51.407 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

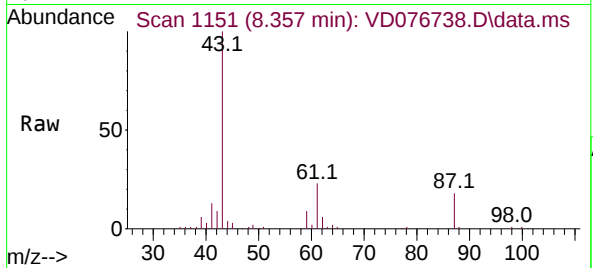
Tgt Ion: 62 Resp: 113879
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





#43
Isopropyl Acetate
Concen: 52.038 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

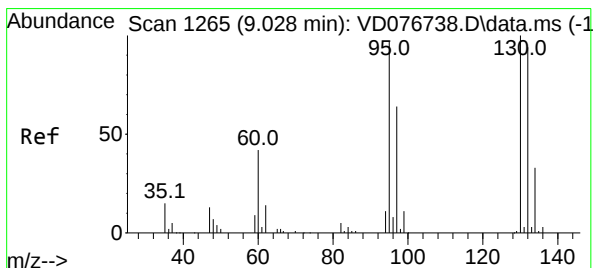
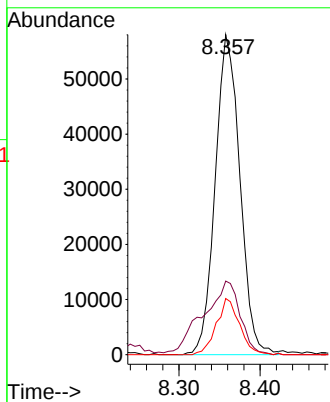
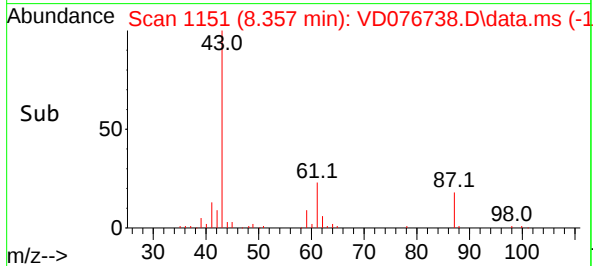
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 12272
Ion Ratio Lower Upper
43 100
61 34.4 31.4 47.0
87 16.5 14.9 22.3

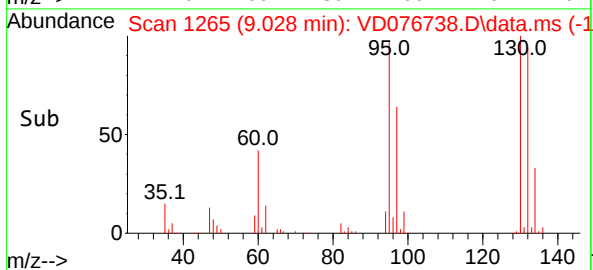
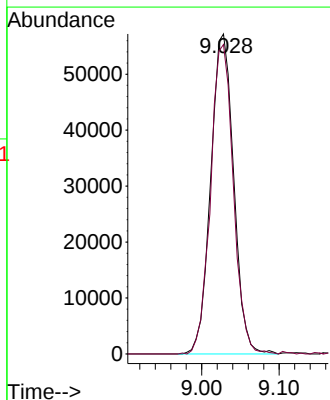
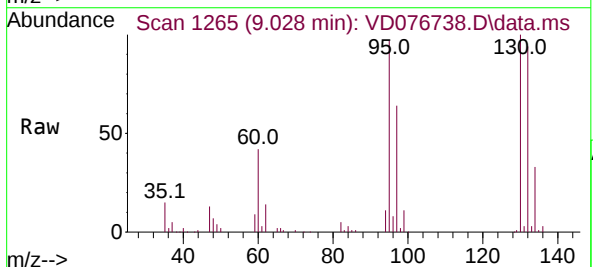
Manual Integrations
APPROVED

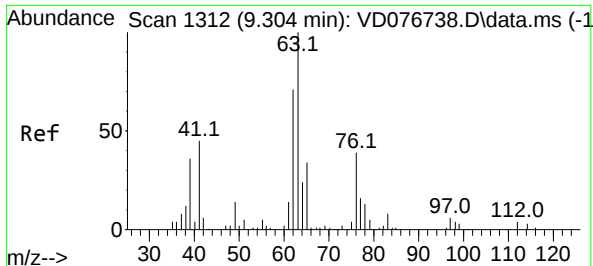
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
Trichloroethene
Concen: 50.700 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion:130 Resp: 117790
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.810 ug/l

RT: 9.304 min Scan# 11842

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11842

Ion Ratio Lower Upper

63 100

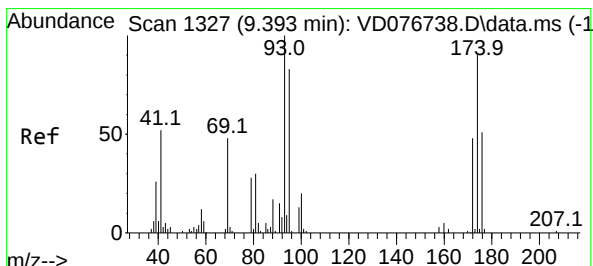
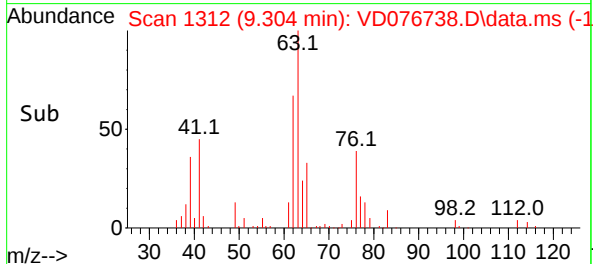
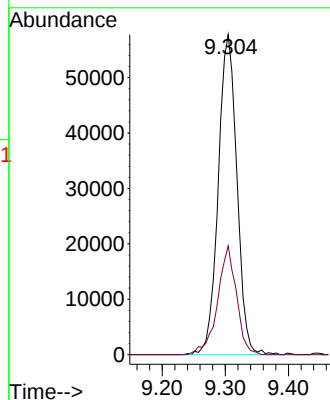
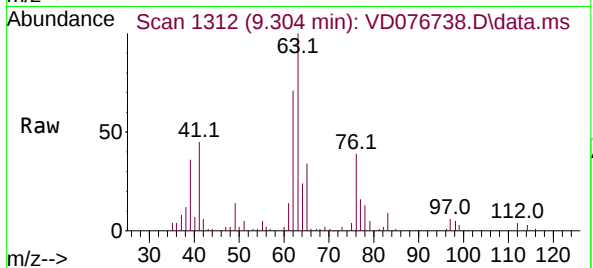
65 34.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 53.804 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

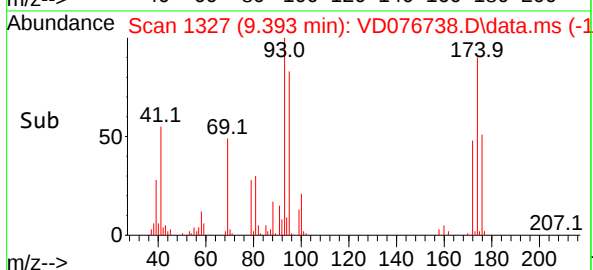
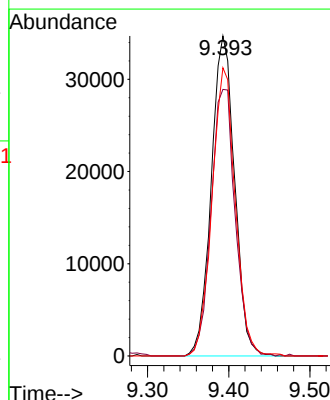
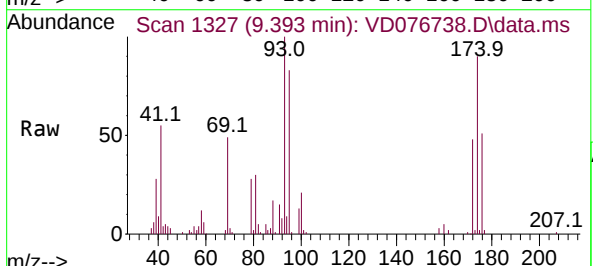
Tgt Ion: 93 Resp: 69311

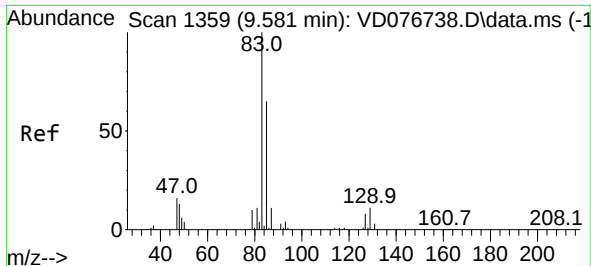
Ion Ratio Lower Upper

93 100

95 86.1 67.7 101.5

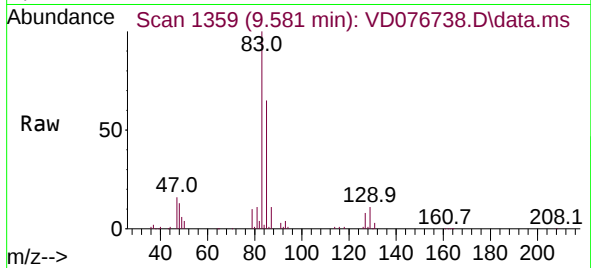
174 89.9 85.4 128.2





#47
Bromodichloromethane
Concen: 52.712 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

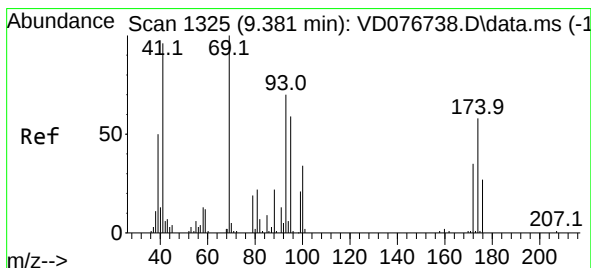
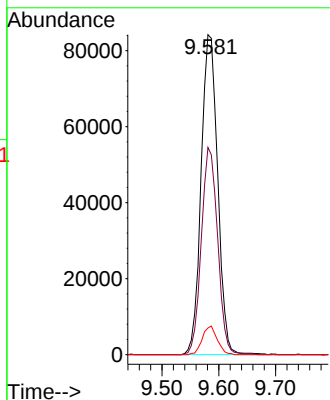
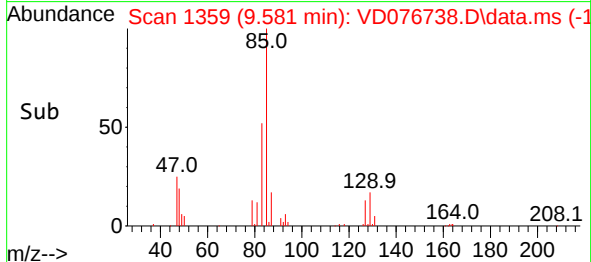
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 170400
Ion Ratio Lower Upper
83 100
85 64.7 50.2 75.4
127 8.4 6.3 9.5

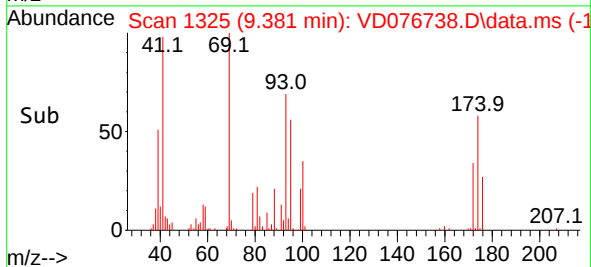
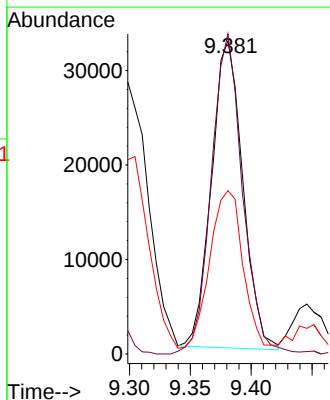
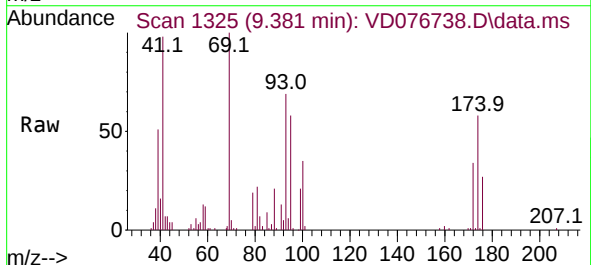
Manual Integrations
APPROVED

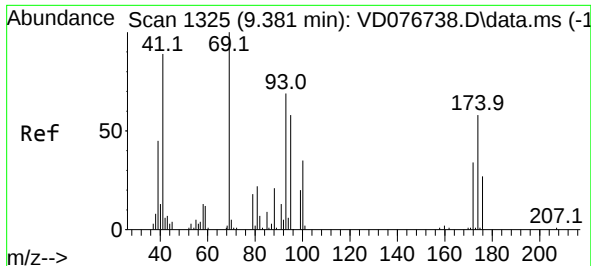
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#48
Methyl methacrylate
Concen: 54.072 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

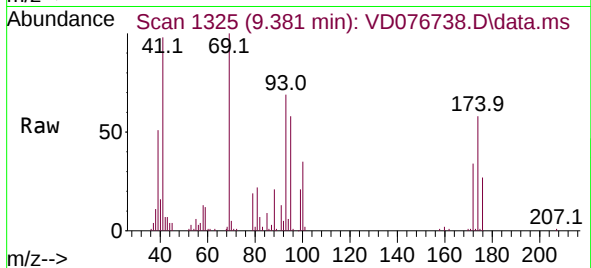
Tgt Ion: 41 Resp: 58039
Ion Ratio Lower Upper
41 100
69 104.6 102.2 153.2
39 59.3 41.4 62.2





#49
1,4-Dioxane
Concen: 1004.070 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

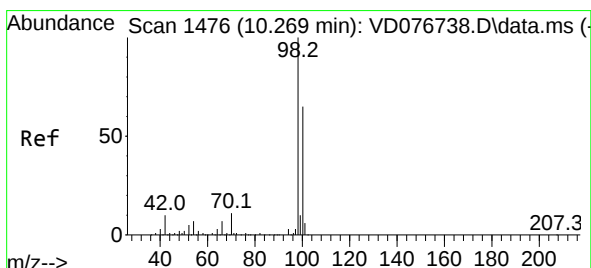
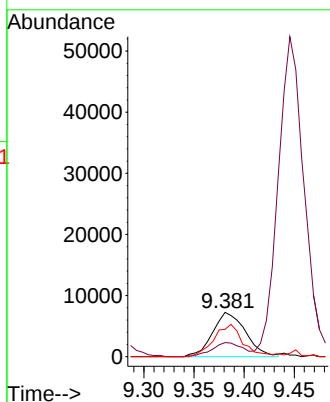
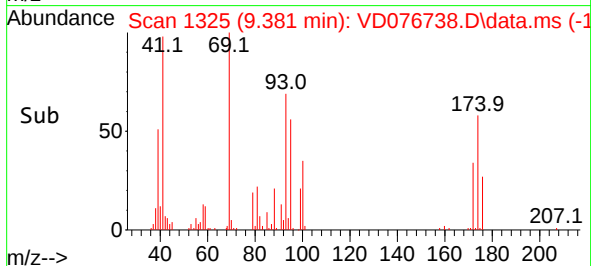
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



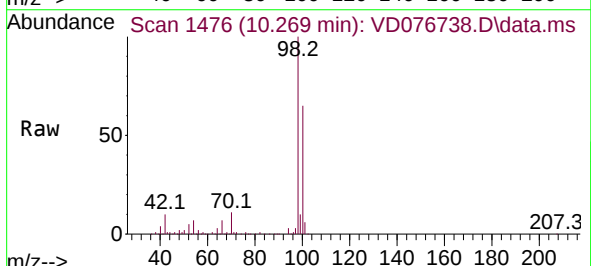
Tgt Ion: 88 Resp: 16572
Ion Ratio Lower Upper
88 100
43 29.3 19.0 28.6
58 63.5 43.5 65.3

Manual Integrations
APPROVED

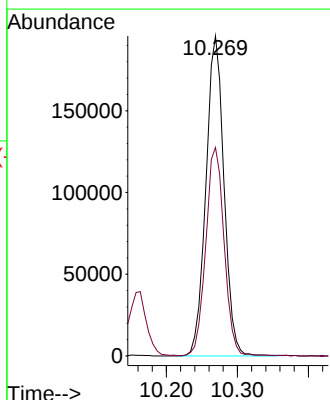
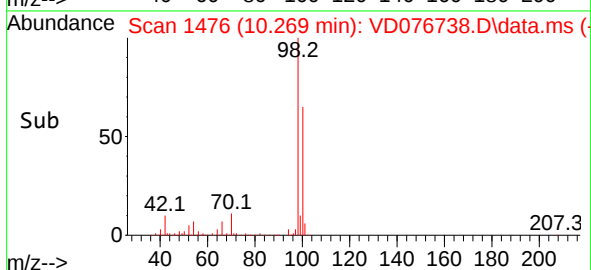
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

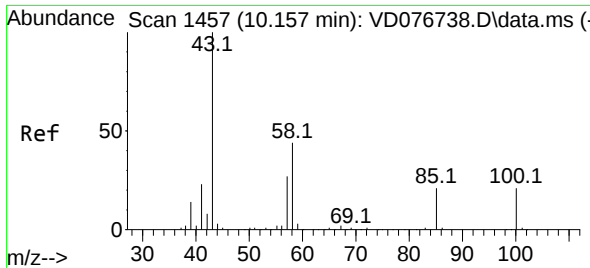


#50
Toluene-d8
Concen: 46.822 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



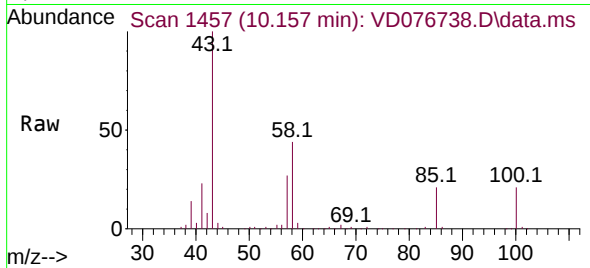
Tgt Ion: 98 Resp: 346366
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 271.494 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

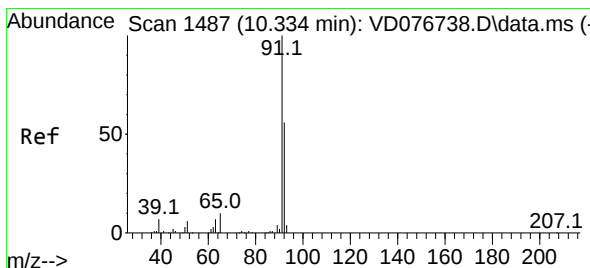
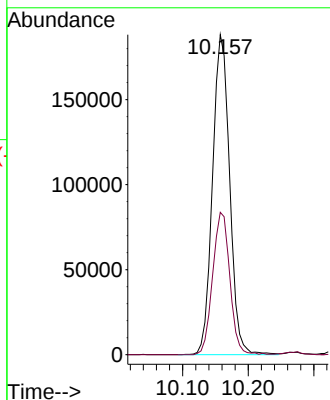
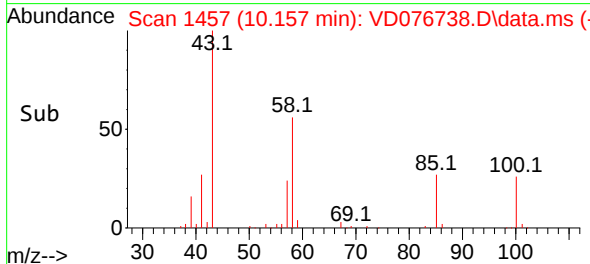
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



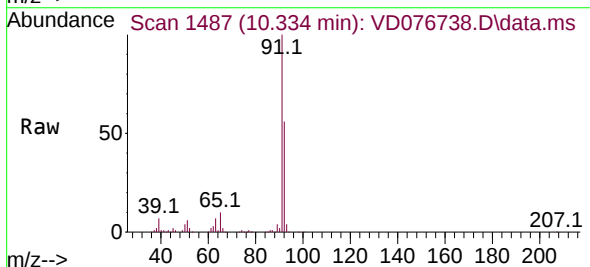
Tgt Ion: 43 Resp: 34090
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3

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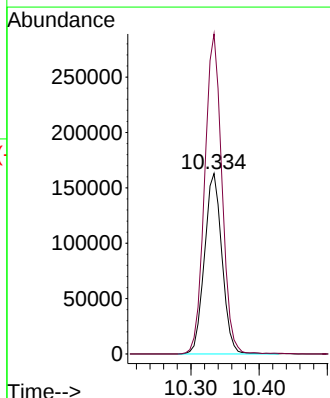
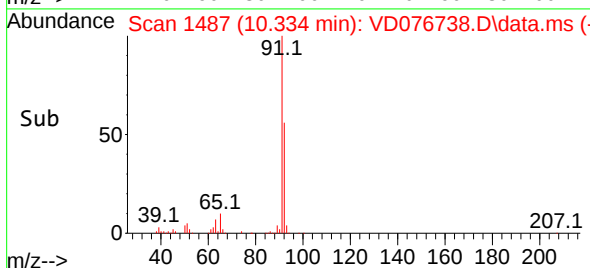
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 51.940 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



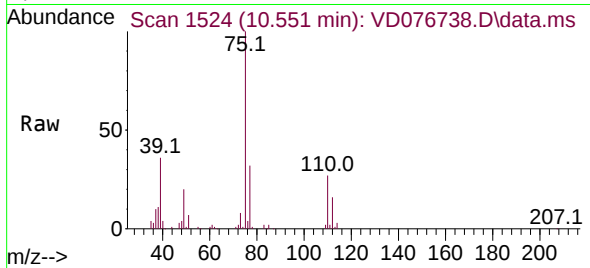
Tgt Ion: 92 Resp: 290844
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 53.863 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

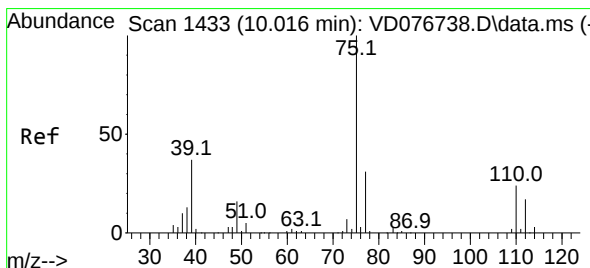
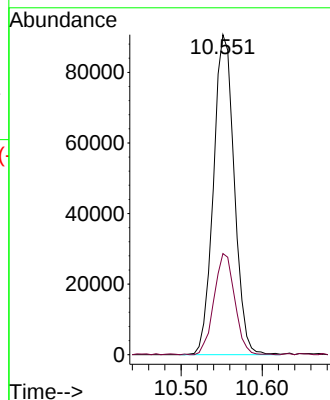
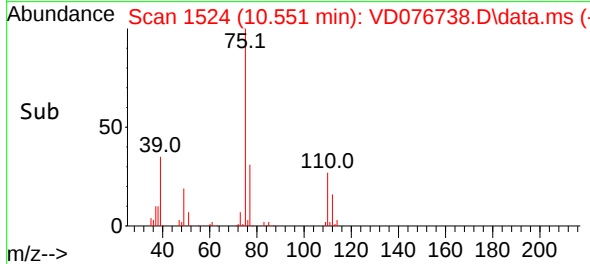
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 161620
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

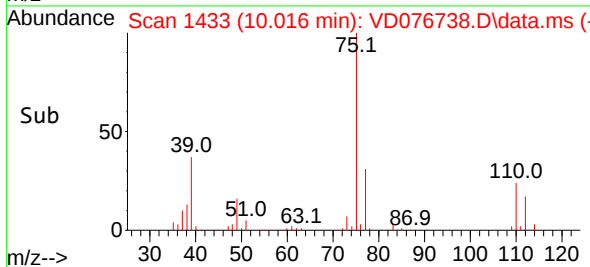
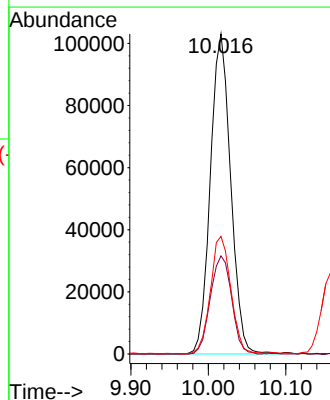
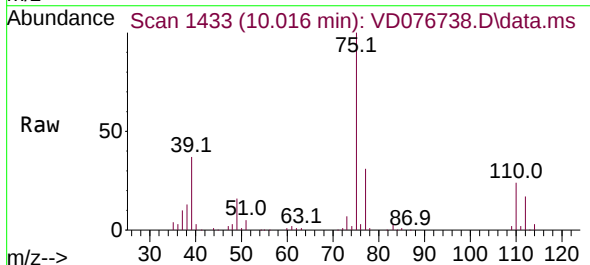
Manual Integrations
APPROVED

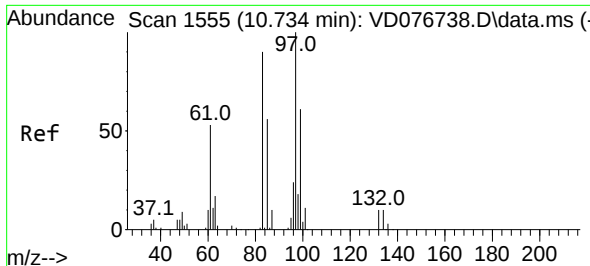
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 53.030 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

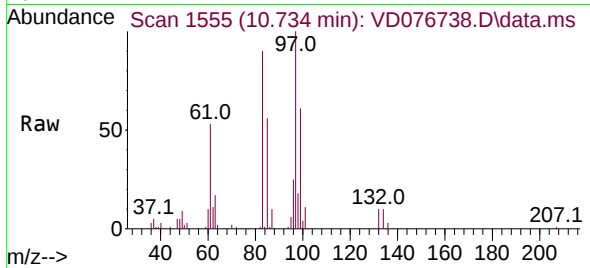
Tgt Ion: 75 Resp: 187531
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
39 36.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 53.115 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

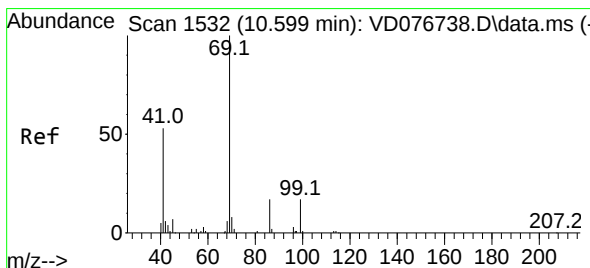
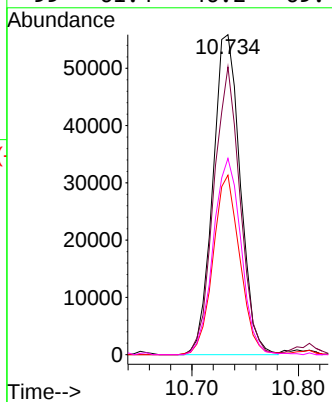
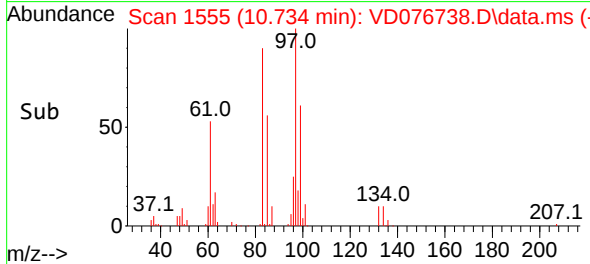
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



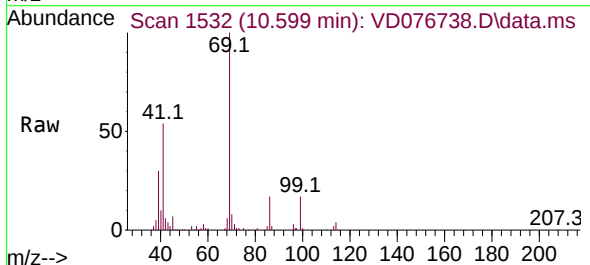
Tgt Ion:	97	Resp:	991
Ion Ratio	Lower	Upper	
97	100		
83	90.0	65.8	98.6
85	56.1	45.7	68.5
99	61.4	46.2	69.4

Manual Integrations
APPROVED

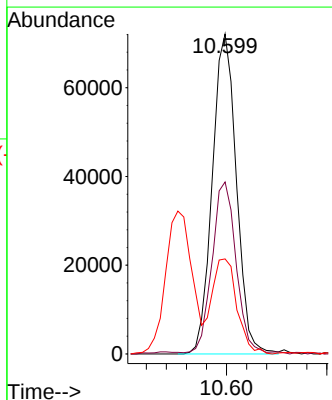
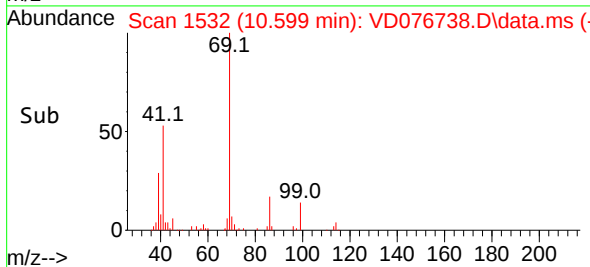
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

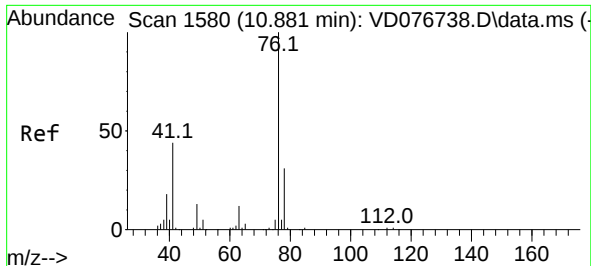


#56
Ethyl methacrylate
Concen: 55.252 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



Tgt Ion:	69	Resp:	119962
Ion Ratio	Lower	Upper	
69	100		
41	54.2	39.1	58.7
39	31.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.008 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 15932

Ion Ratio Lower Upper

76 100

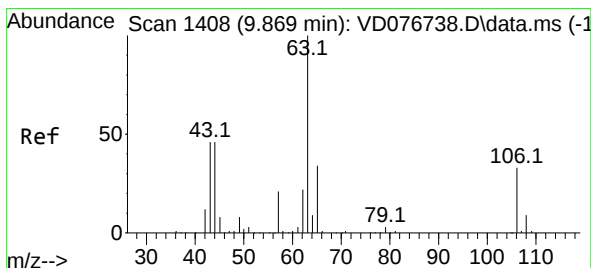
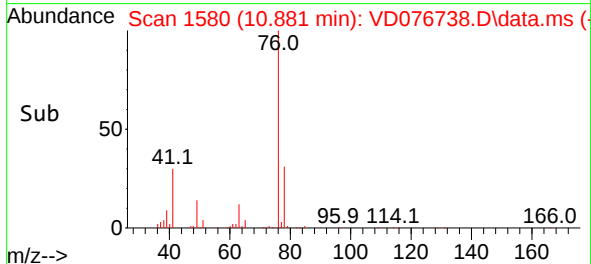
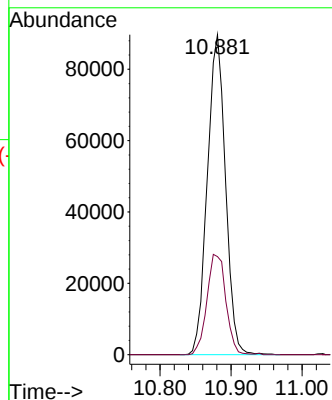
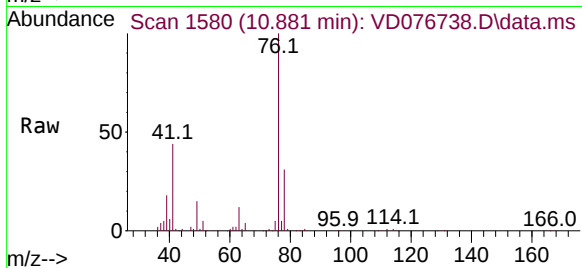
78 32.8 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.507 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076738.D

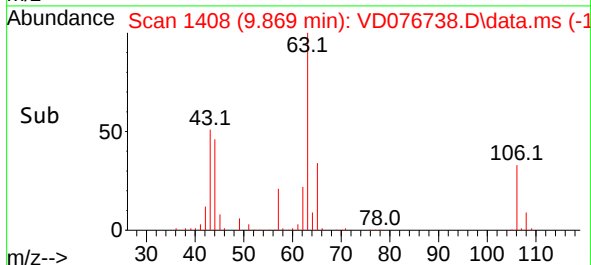
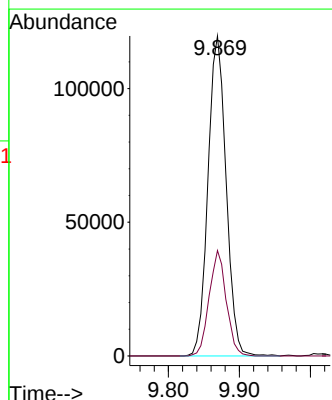
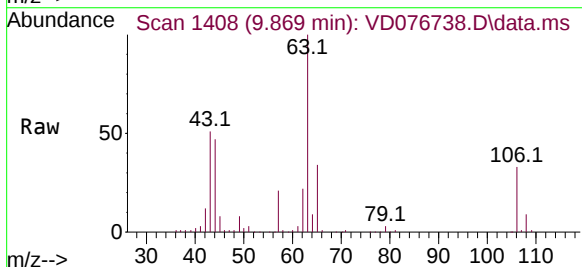
Acq: 14 Jul 2023 13:21

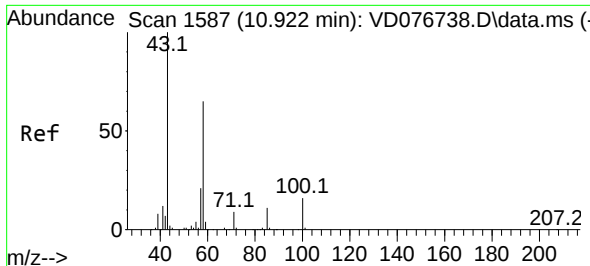
Tgt Ion: 63 Resp: 212213

Ion Ratio Lower Upper

63 100

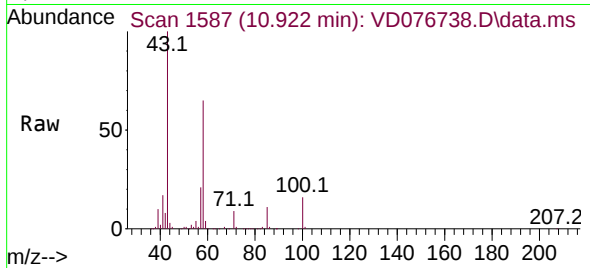
106 31.1 25.3 37.9





#59
2-Hexanone
Concen: 272.370 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

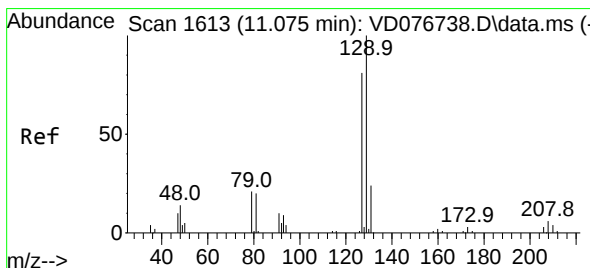
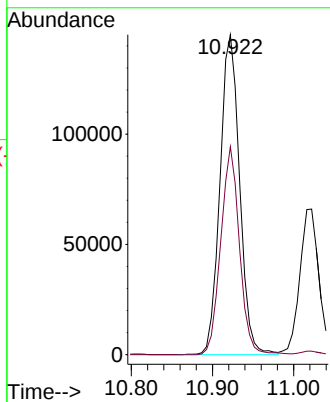
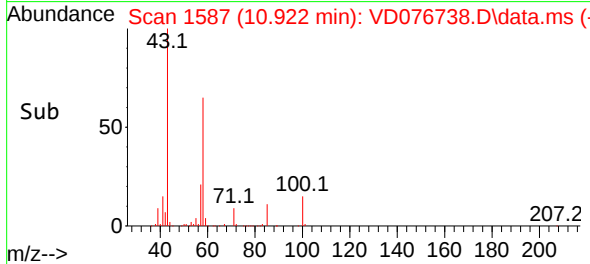
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 244032
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2

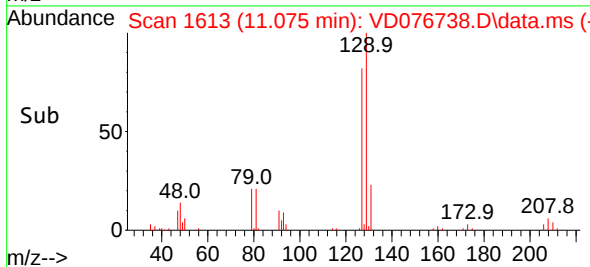
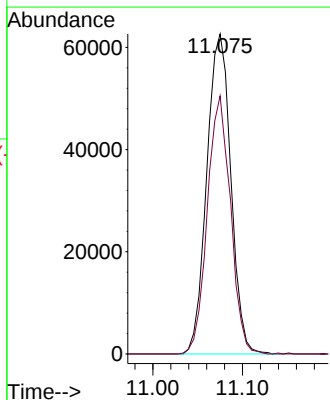
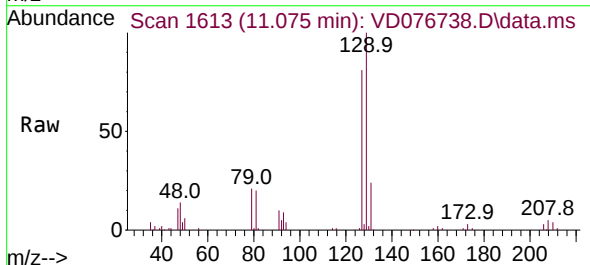
Manual Integrations
APPROVED

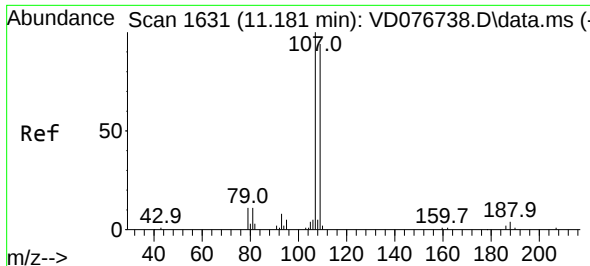
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 53.341 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion:129 Resp: 116566
Ion Ratio Lower Upper
129 100
127 77.6 37.1 111.5





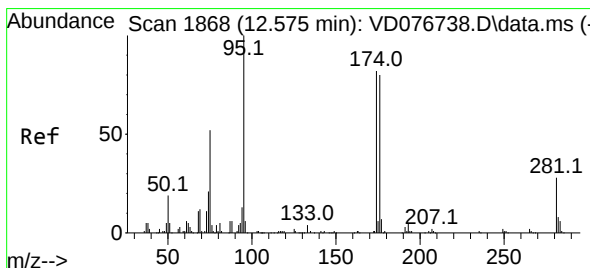
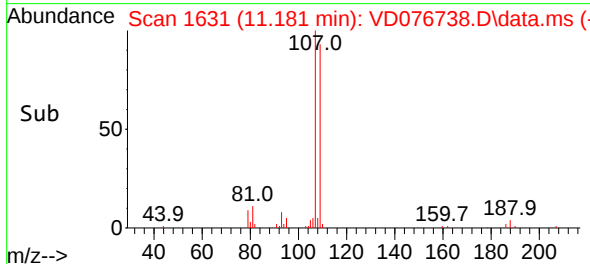
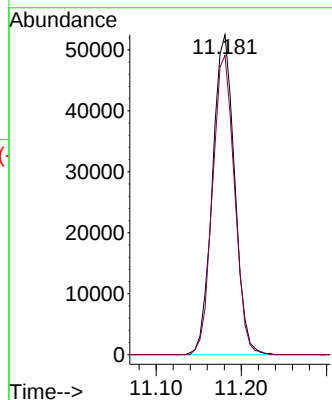
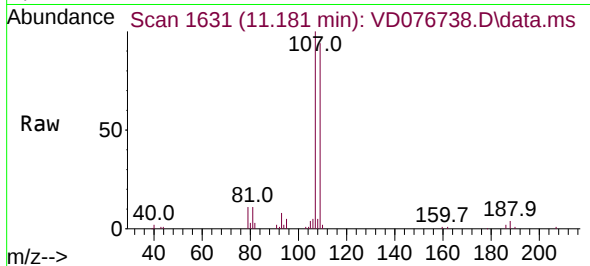
#61
1,2-Dibromoethane
Concen: 54.241 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 94598
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

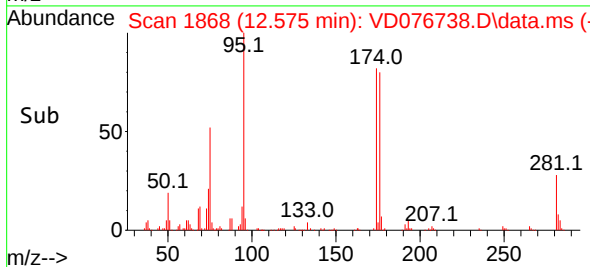
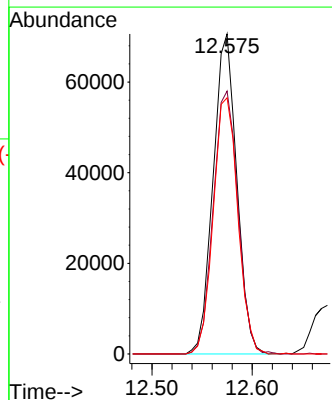
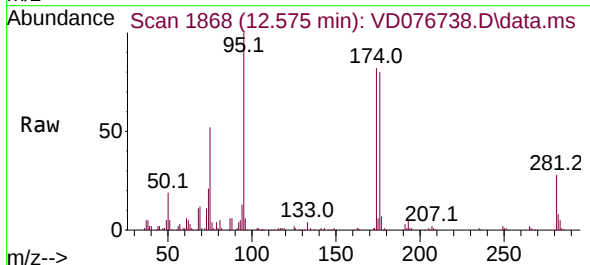
Manual Integrations
APPROVED

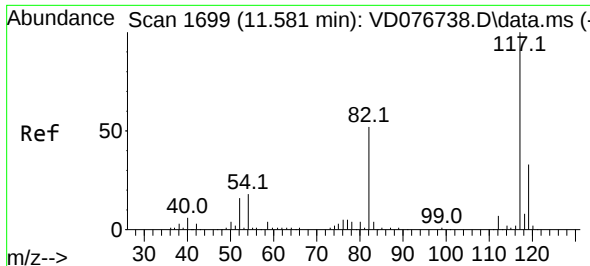
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 48.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

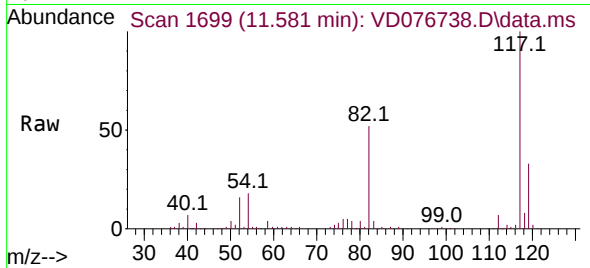
Tgt Ion: 95 Resp: 115426
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 83.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

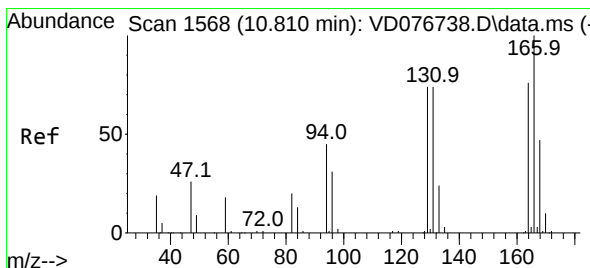
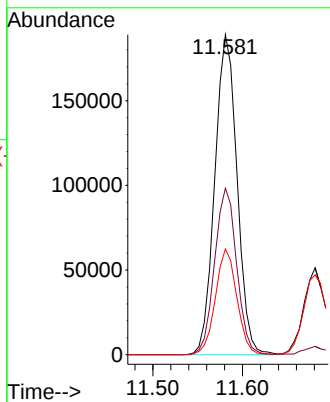
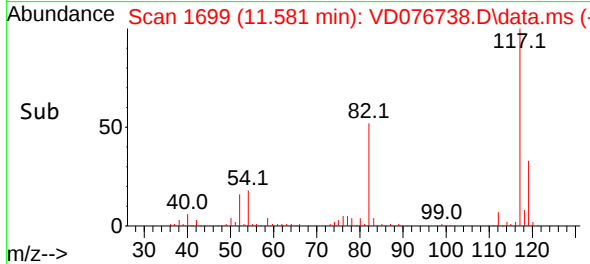
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



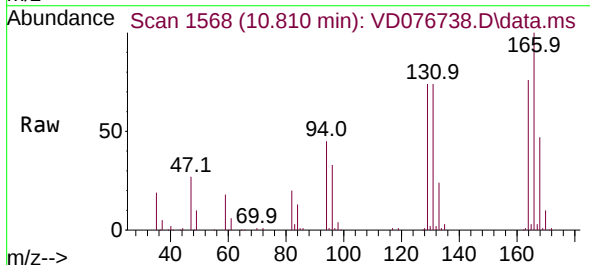
Tgt Ion:117 Resp: 32532
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 33.1 25.0 37.4

Manual Integrations
APPROVED

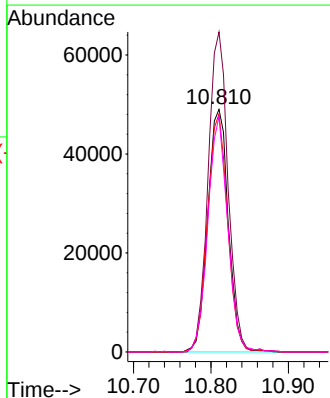
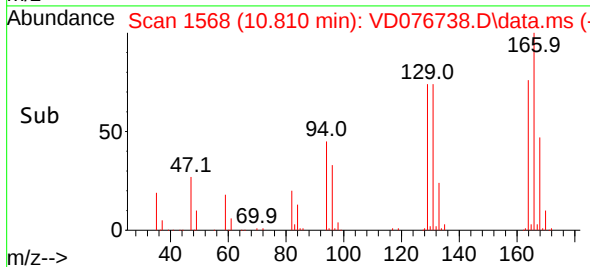
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

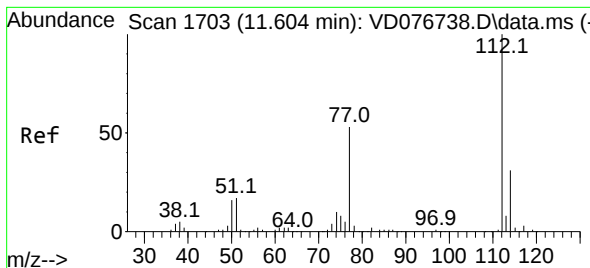


#64
Tetrachloroethene
Concen: 48.919 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



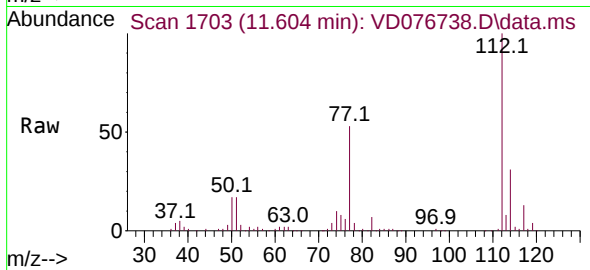
Tgt Ion:164 Resp: 90749
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 98.1 68.4 102.6
131 97.1 63.8 95.8#





#65
Chlorobenzene
Concen: 49.676 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

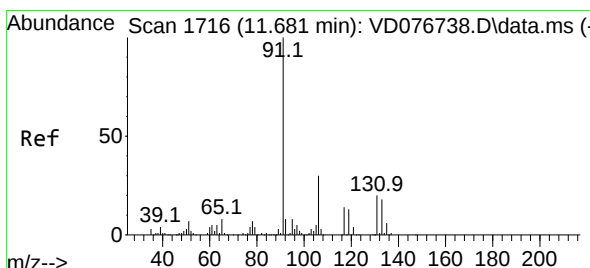
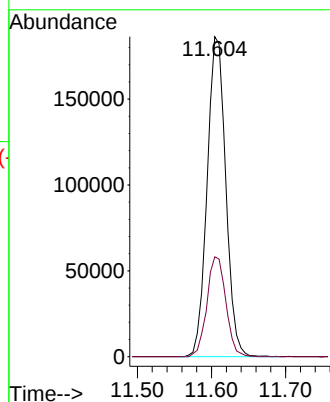
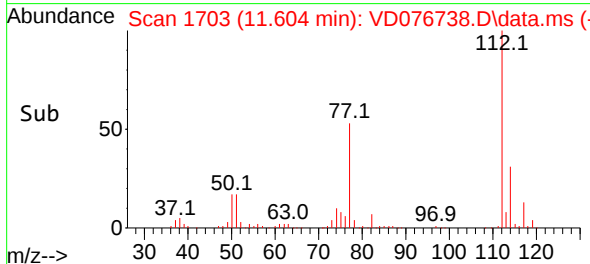
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



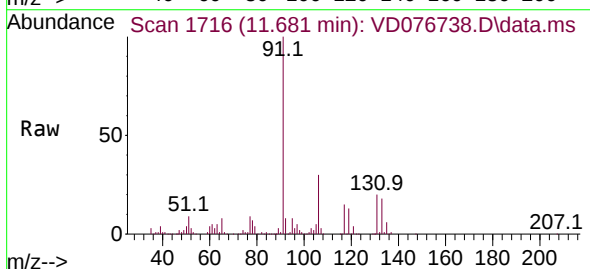
Tgt Ion:112 Resp: 325029
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

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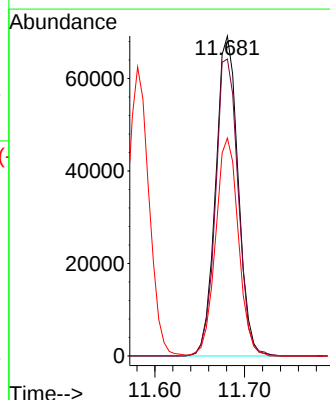
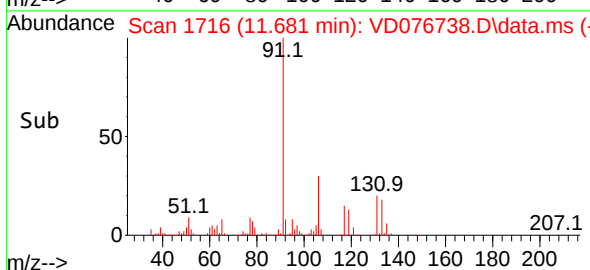
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

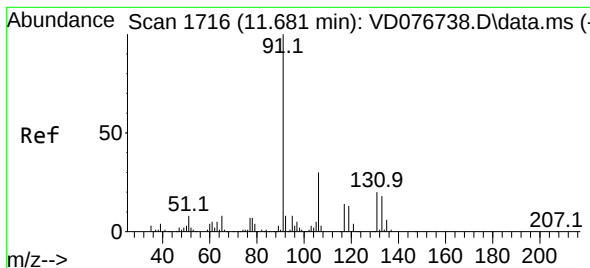


#66
1,1,1,2-Tetrachloroethane
Concen: 49.306 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



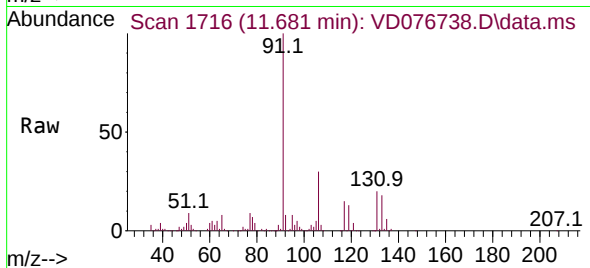
Tgt Ion:131 Resp: 120109
Ion Ratio Lower Upper
131 100
133 93.8 48.5 145.5
119 69.2 35.6 106.9





#67
Ethyl Benzene
Concen: 49.827 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

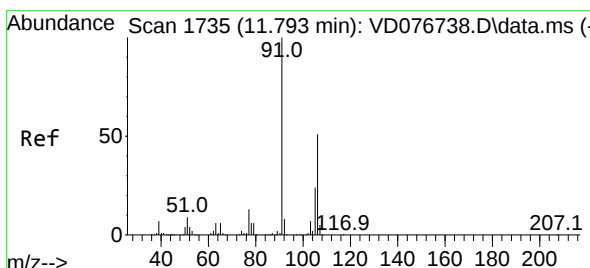
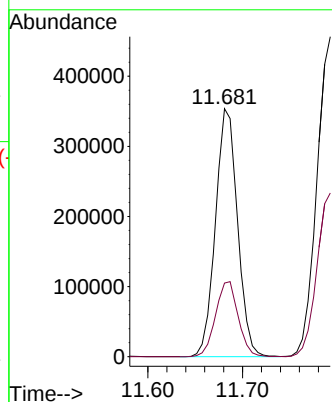
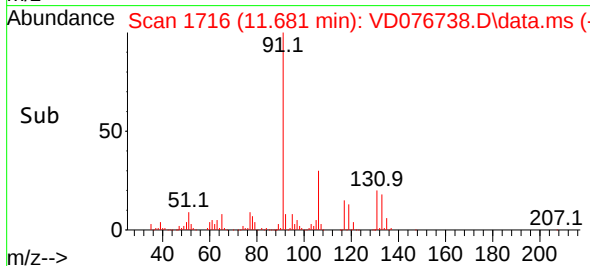
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



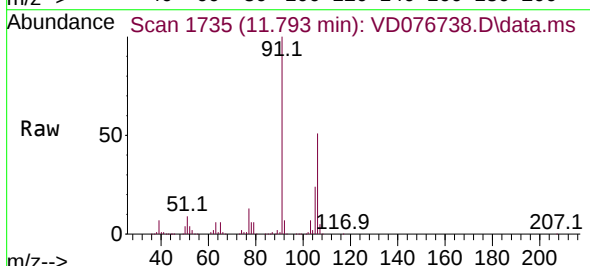
Tgt Ion: 91 Resp: 572548
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7

Manual Integrations
APPROVED

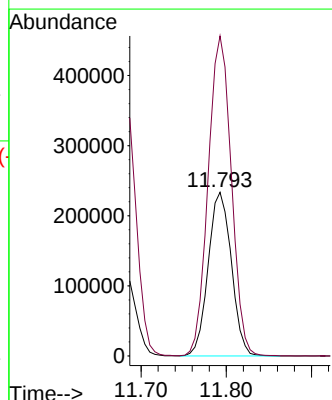
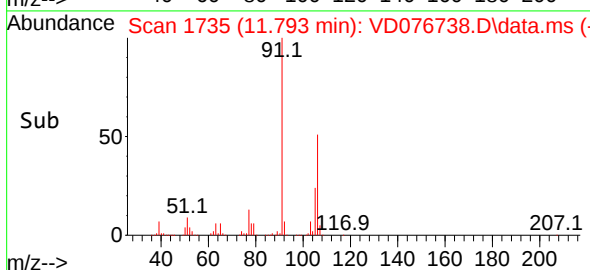
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

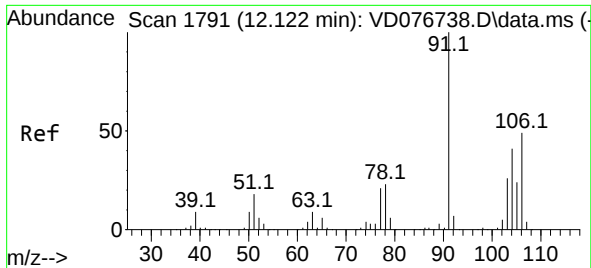


#68
m/p-Xylenes
Concen: 99.786 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



Tgt Ion:106 Resp: 440372
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6





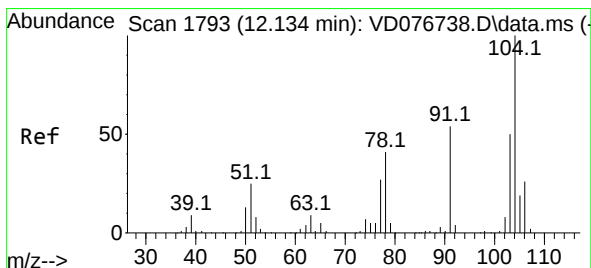
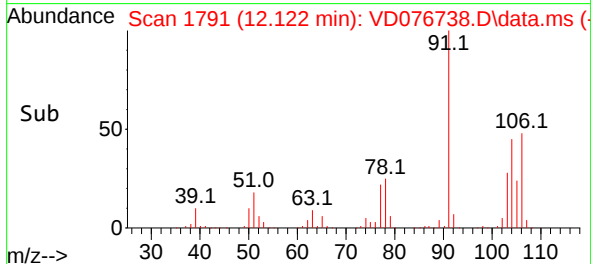
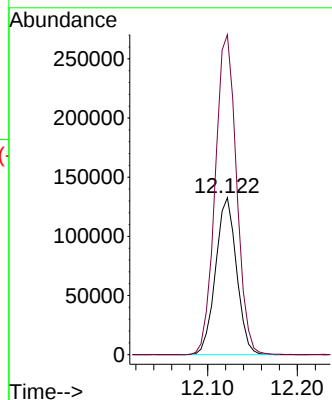
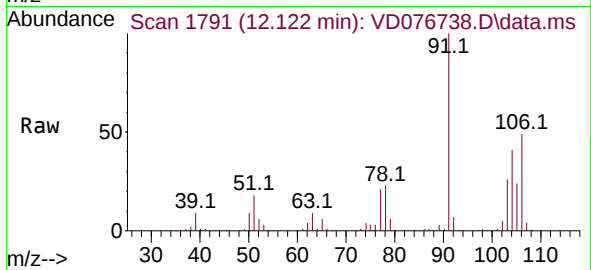
#69
o-Xylene
Concen: 50.413 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 21514
Ion Ratio Lower Upper
106 100
91 207.7 97.9 293.6

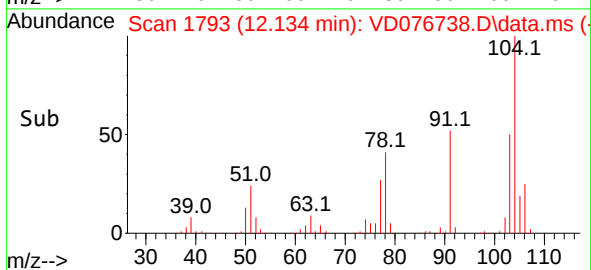
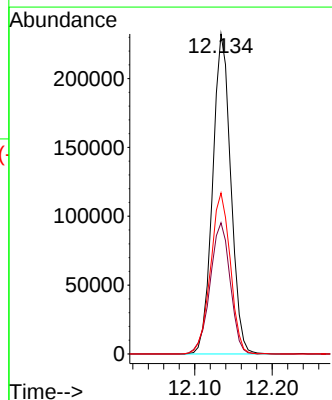
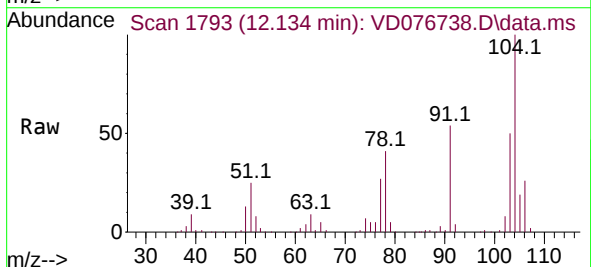
Manual Integrations
APPROVED

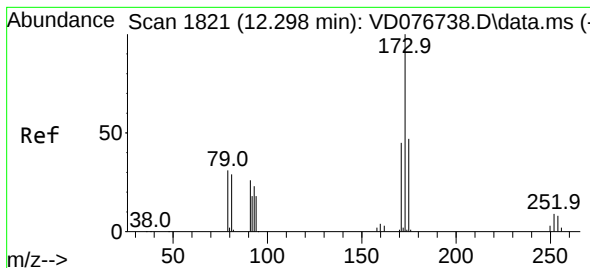
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 50.687 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

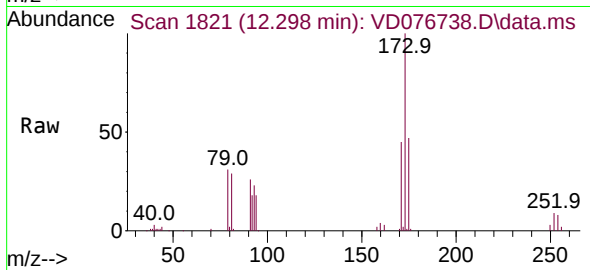
Tgt Ion:104 Resp: 378667
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 54.6 43.6 65.4





#71
Bromoform
Concen: 51.427 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

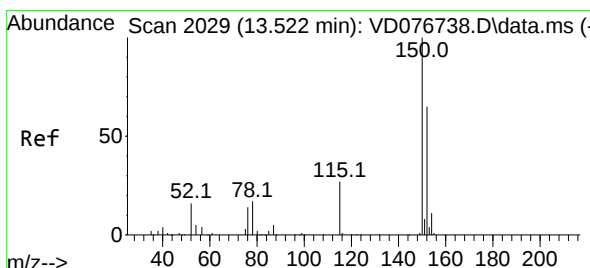
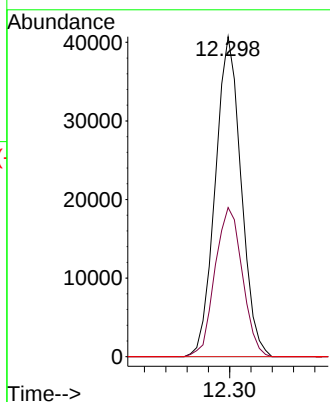
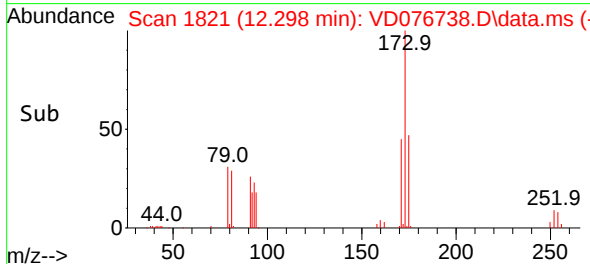
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



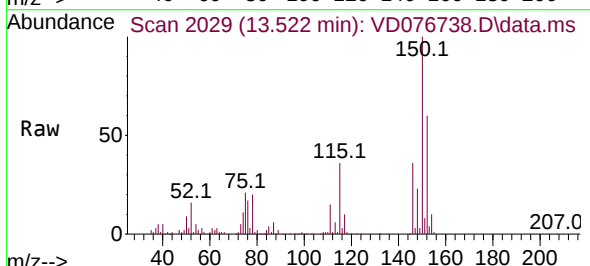
Tgt Ion:173 Resp: 68612
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

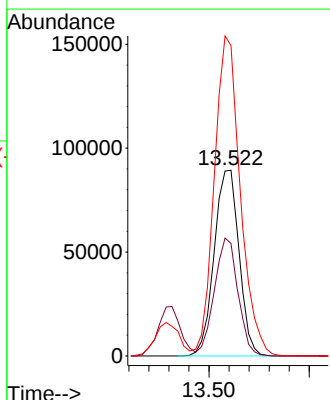
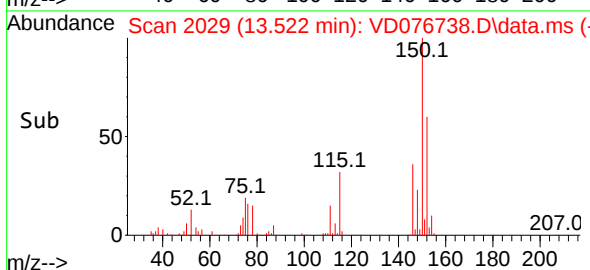
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

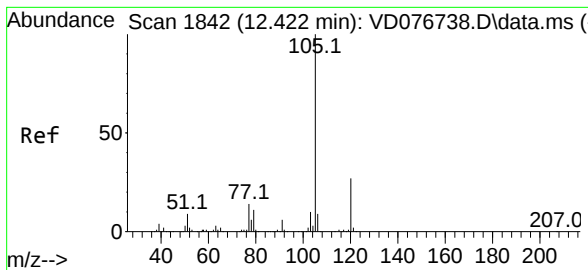


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



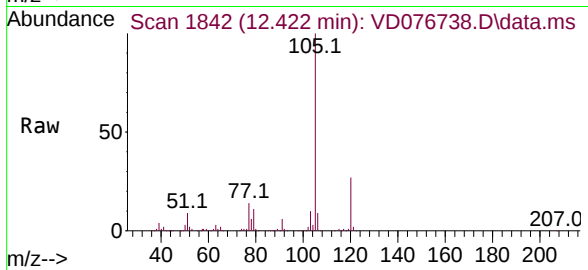
Tgt Ion:152 Resp: 153873
Ion Ratio Lower Upper
152 100
115 60.2 27.1 81.3
150 180.3 0.0 353.6





#73
Isopropylbenzene
Concen: 49.762 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

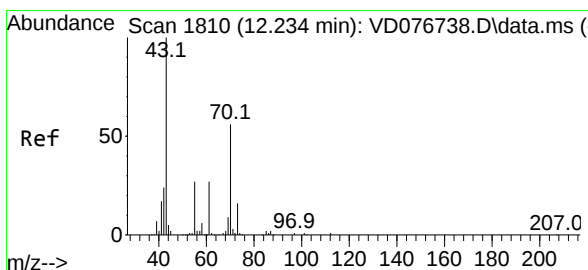
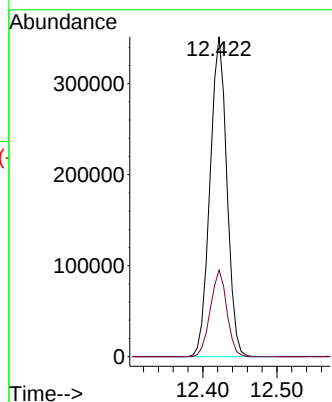
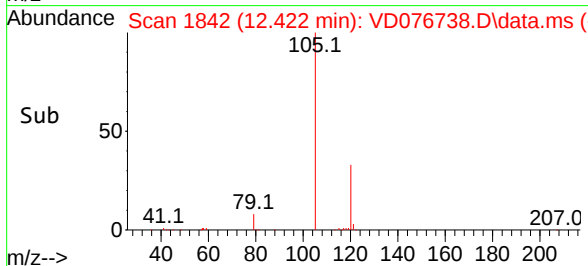
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 555530
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

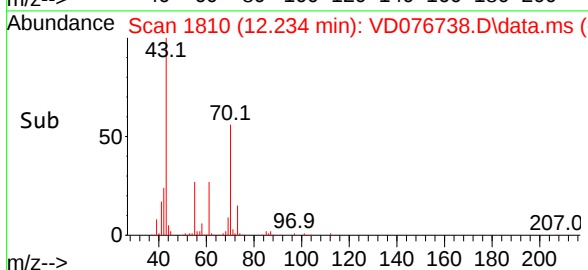
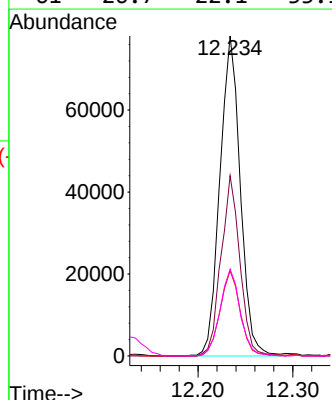
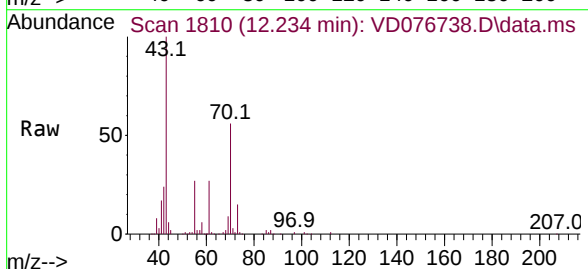
Manual Integrations
APPROVED

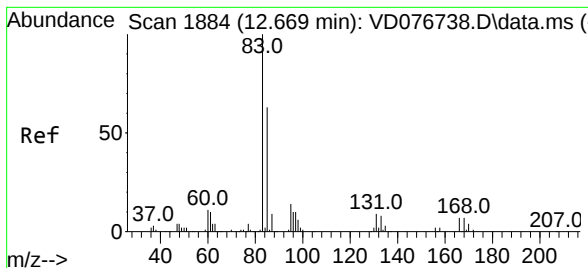
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#74
N-ethyl acetate
Concen: 49.746 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

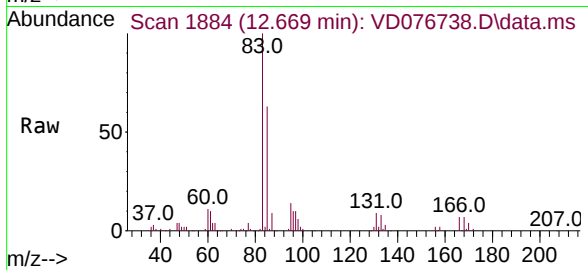
Tgt Ion: 43 Resp: 116996
Ion Ratio Lower Upper
43 100
70 52.1 45.0 67.4
55 26.5 23.8 35.6
61 26.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.537 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

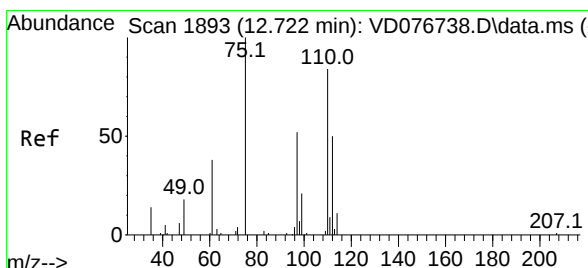
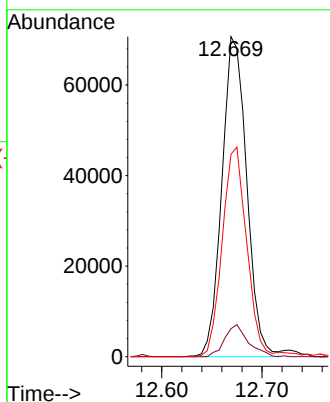
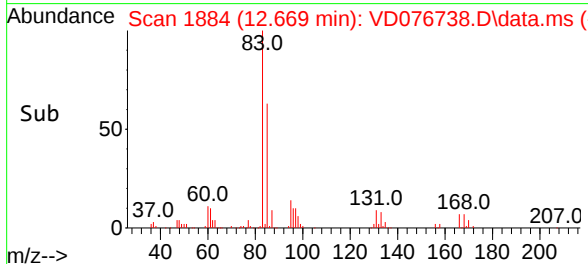
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 121134
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 65.6 32.6 97.8

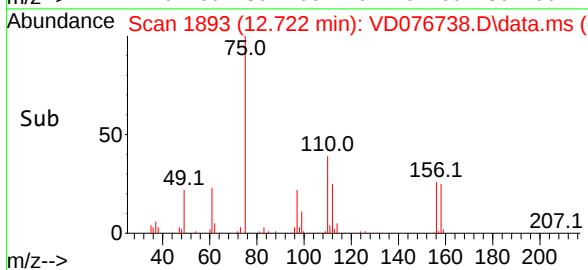
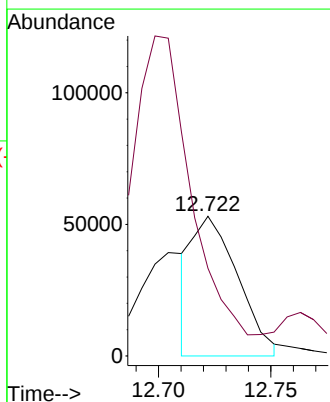
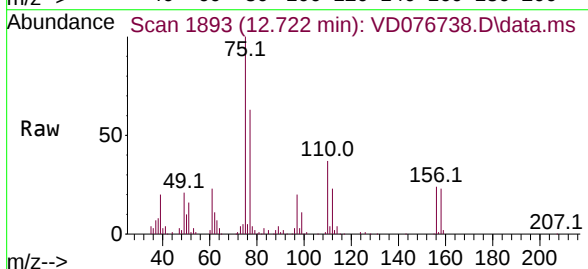
Manual Integrations
APPROVED

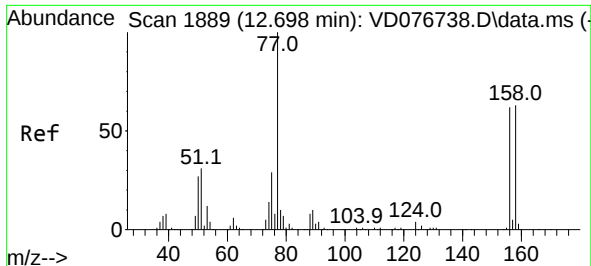
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 49.093 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

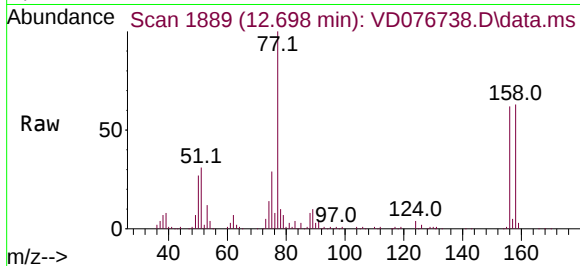
Tgt Ion: 75 Resp: 75066
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.537 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

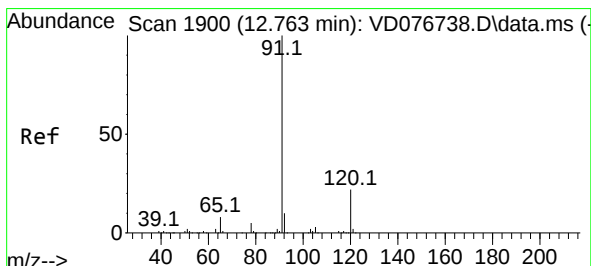
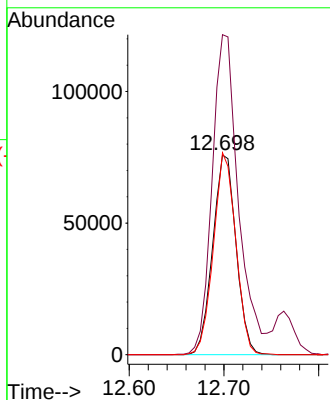
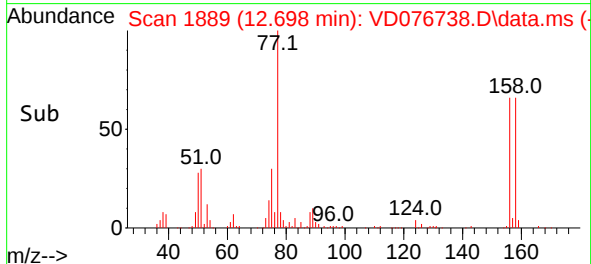
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



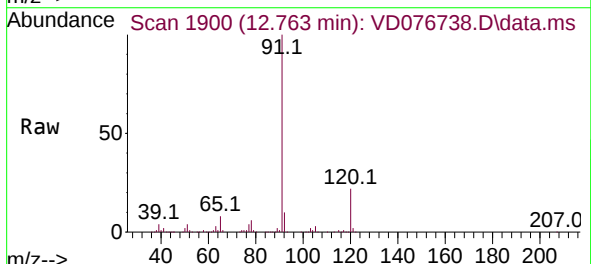
Tgt Ion:156 Resp: 130227
Ion Ratio Lower Upper
156 100
77 181.1 76.8 230.4
158 96.8 48.6 145.9

Manual Integrations
APPROVED

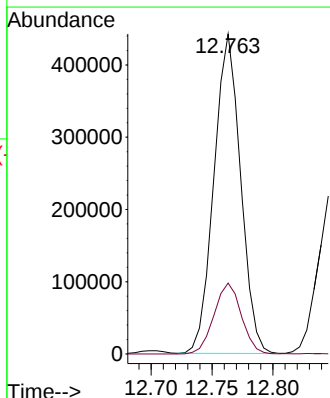
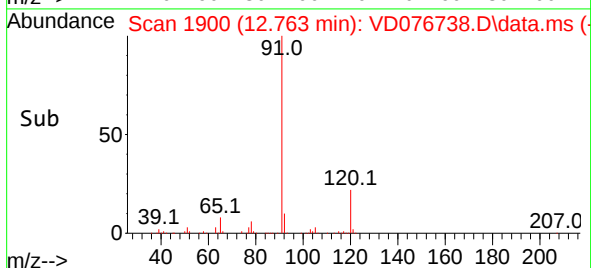
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

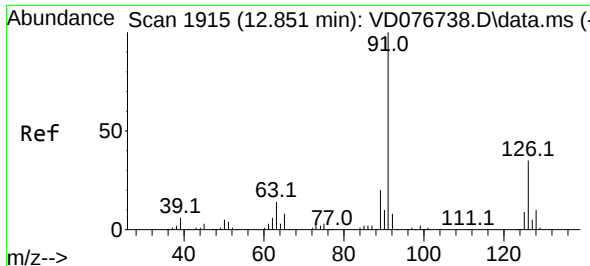


#78
n-propylbenzene
Concen: 49.745 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



Tgt Ion: 91 Resp: 673260
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





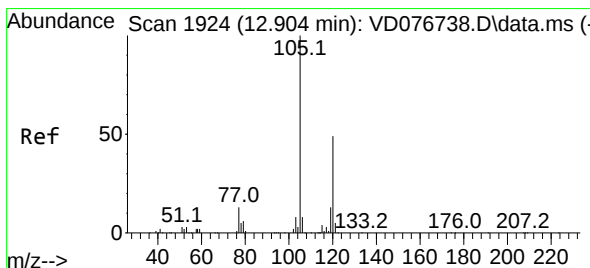
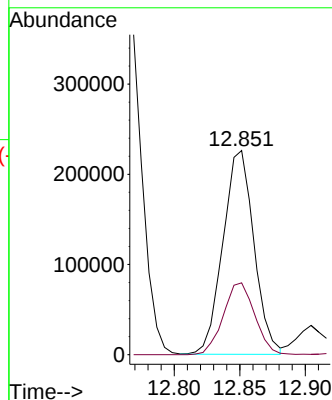
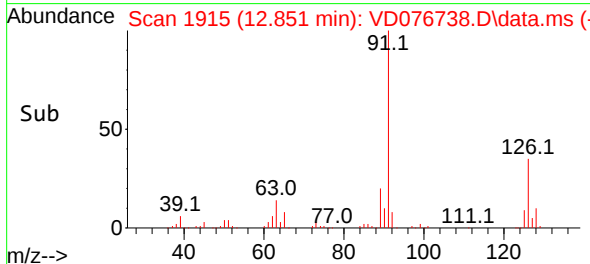
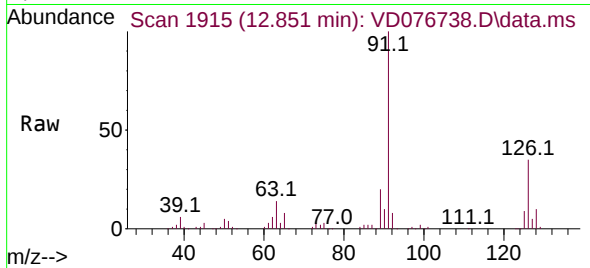
#79
2-Chlorotoluene
Concen: 50.160 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 37223
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1

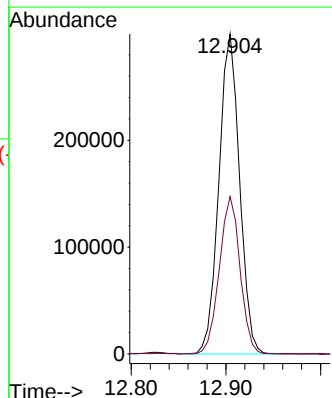
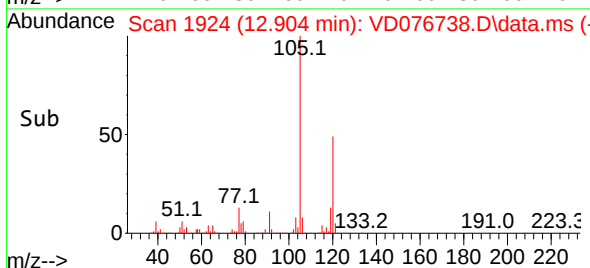
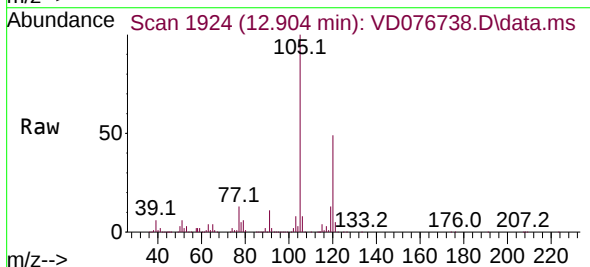
Manual Integrations
APPROVED

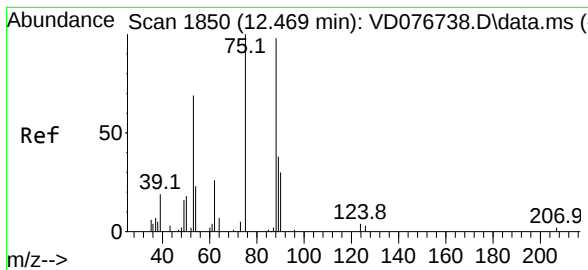
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.436 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

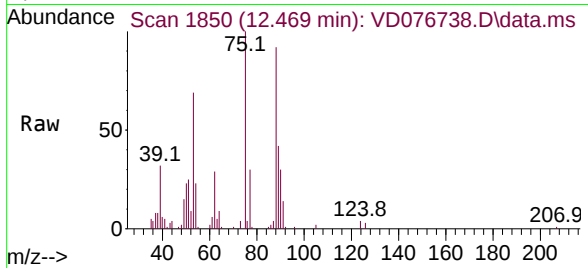
Tgt Ion:105 Resp: 455283
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.549 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

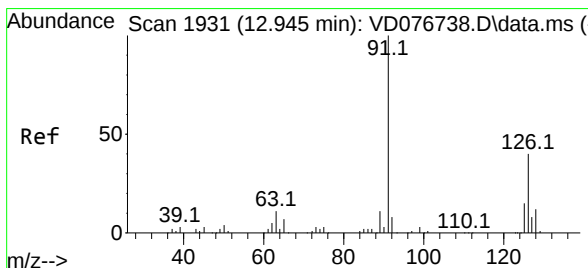
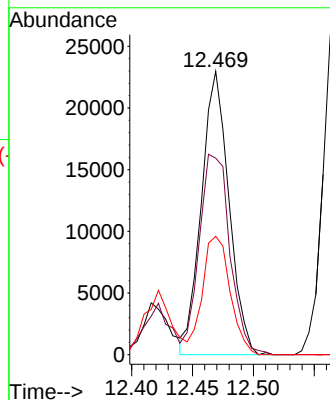
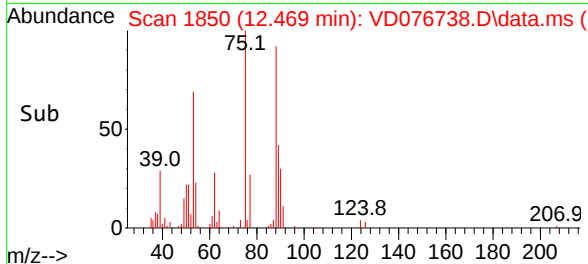
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050



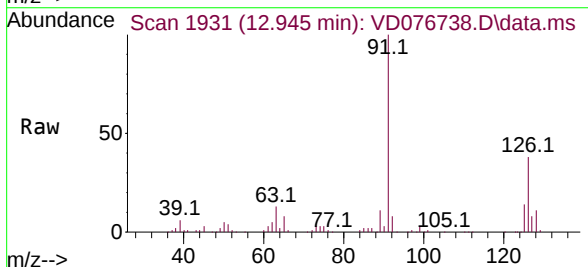
Tgt Ion: 75 Resp: 3613
Ion Ratio Lower Upper
75 100
53 78.9 63.0 94.4
89 42.0 37.9 56.9

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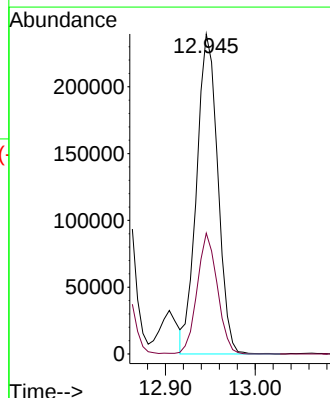
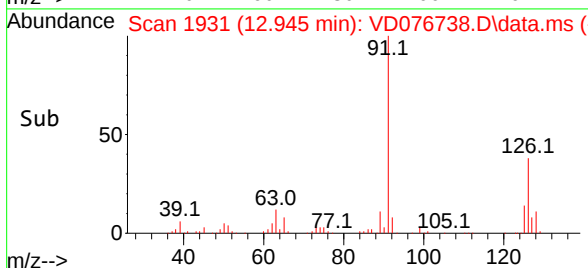
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

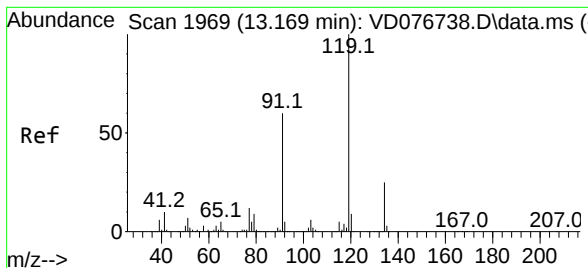


#82
4-Chlorotoluene
Concen: 50.620 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21



Tgt Ion: 91 Resp: 392430
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





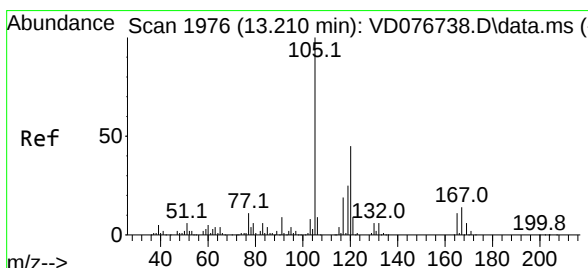
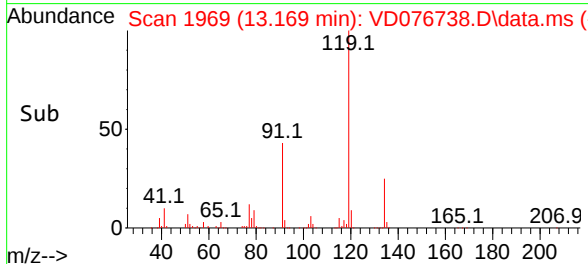
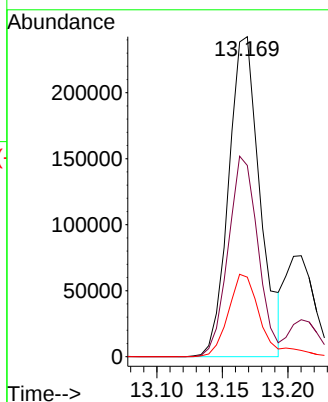
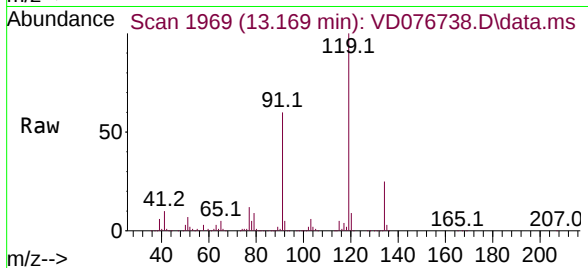
#83
tert-Butylbenzene
Concen: 50.774 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 403558
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.8 14.1 42.3

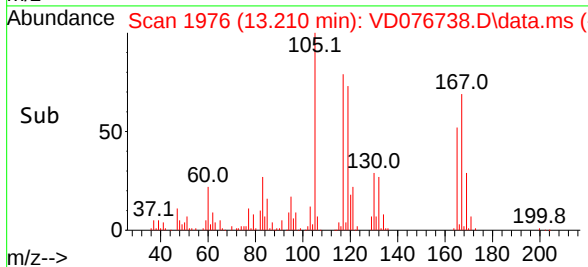
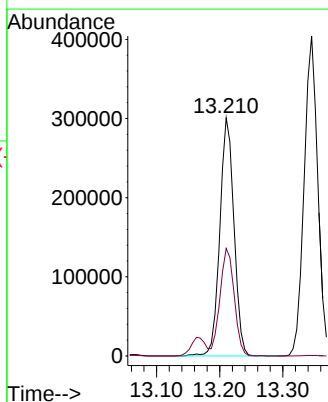
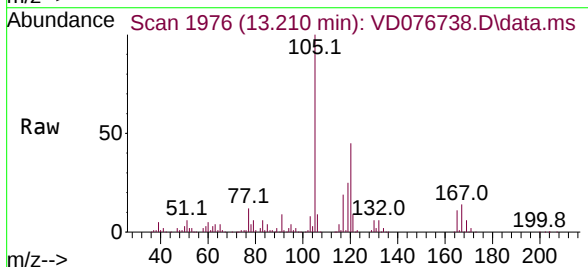
Manual Integrations
APPROVED

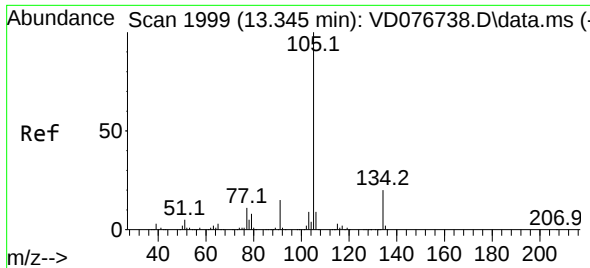
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.800 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion:105 Resp: 468615
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9





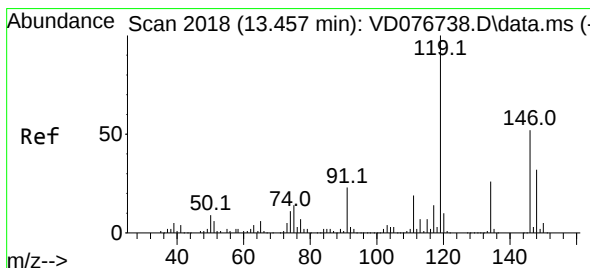
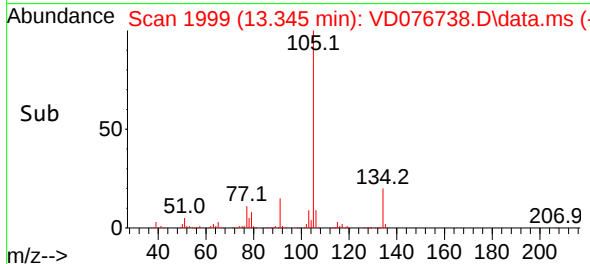
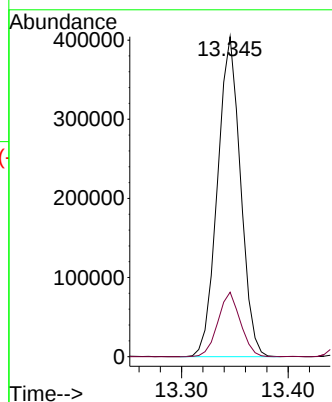
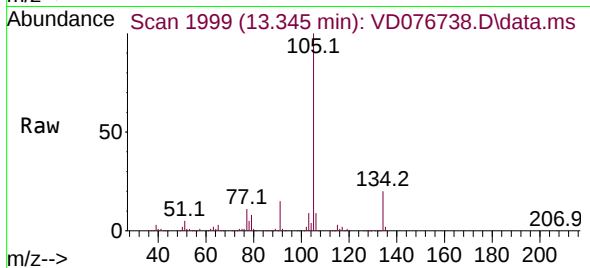
#85
 sec-Butylbenzene
 Concen: 49.865 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 60553
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

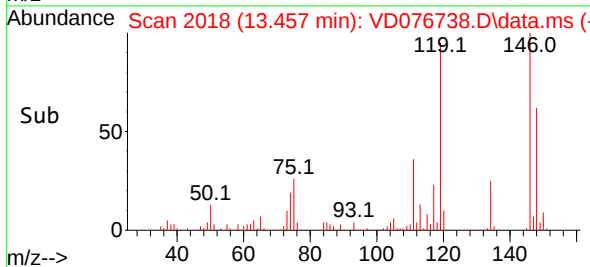
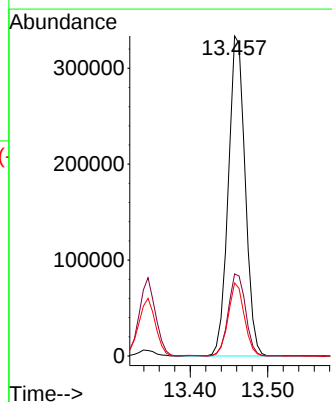
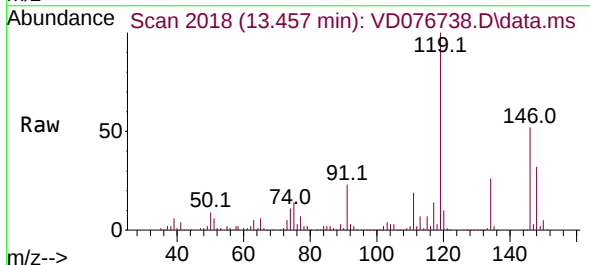
Manual Integrations
 APPROVED

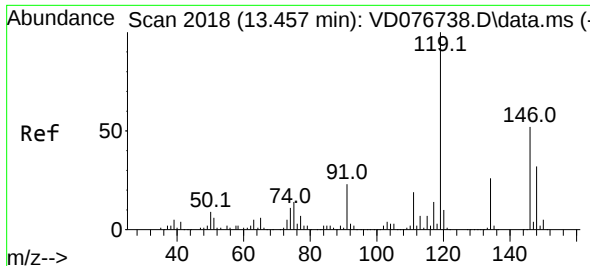
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 50.459 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Tgt Ion:119 Resp: 506039
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 50.455 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 26742

Ion Ratio Lower Upper

146 100

111 38.1 17.9 53.8

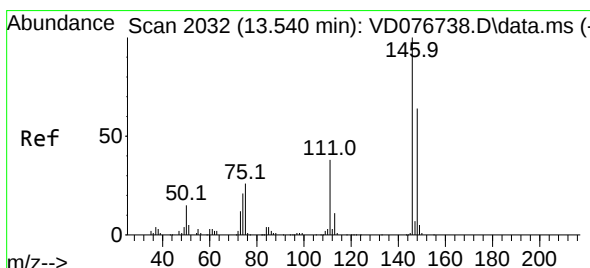
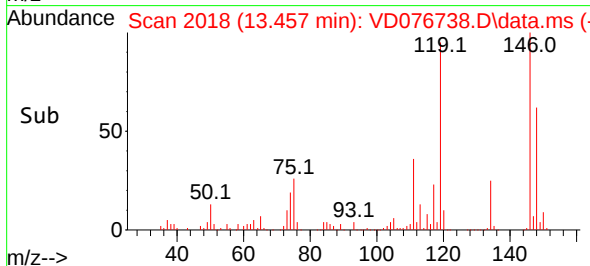
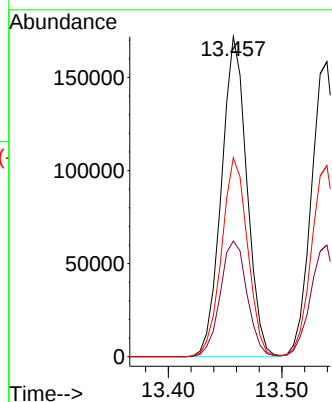
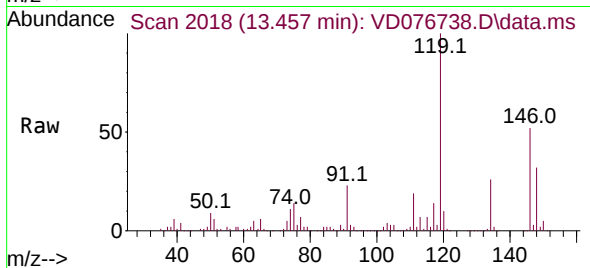
148 63.6 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#88

1,4-Dichlorobenzene

Concen: 49.693 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

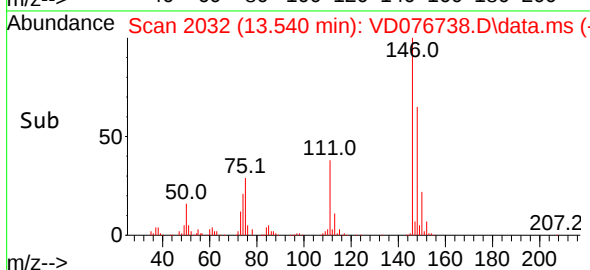
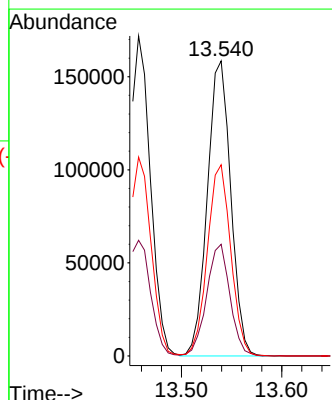
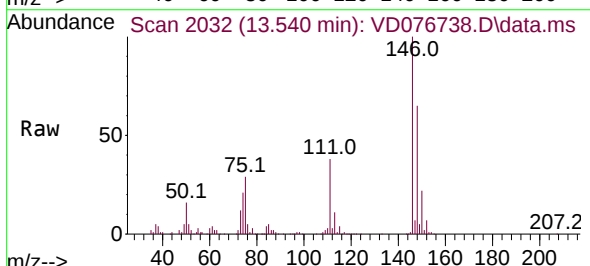
Tgt Ion:146 Resp: 258046

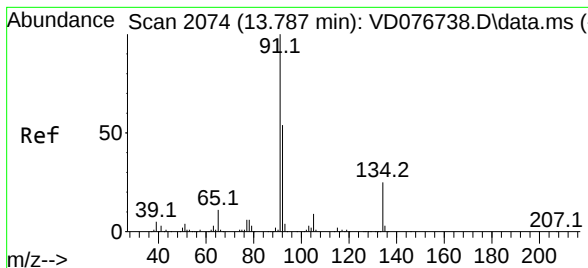
Ion Ratio Lower Upper

146 100

111 37.6 17.4 52.3

148 64.8 31.7 95.1





#89

n-Butylbenzene

Concen: 49.664 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 48738

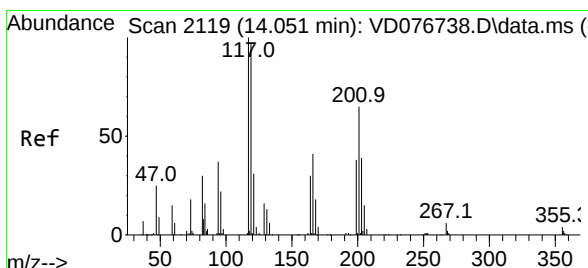
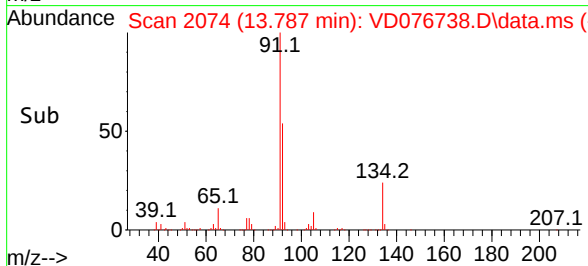
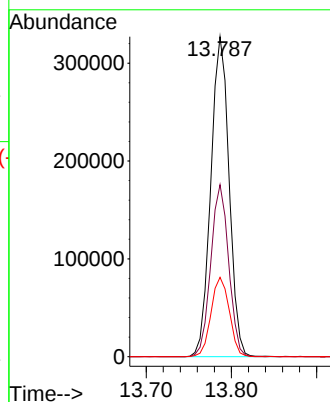
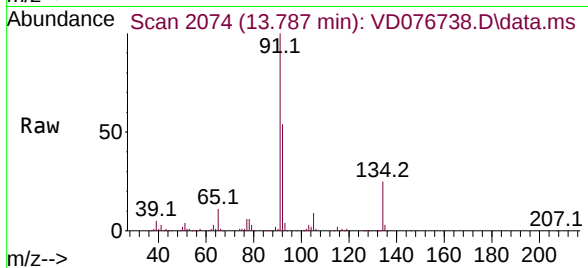
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.5
134	24.8	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#90

Hexachloroethane

Concen: 50.843 ug/l

RT: 14.051 min Scan# 2119

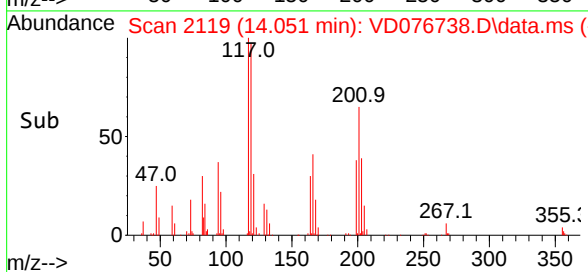
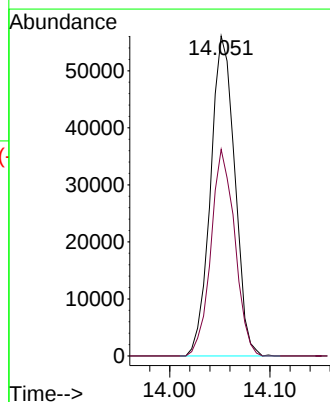
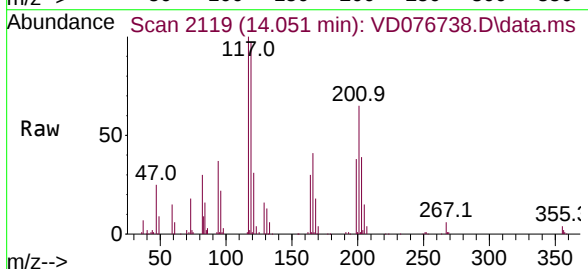
Delta R.T. 0.000 min

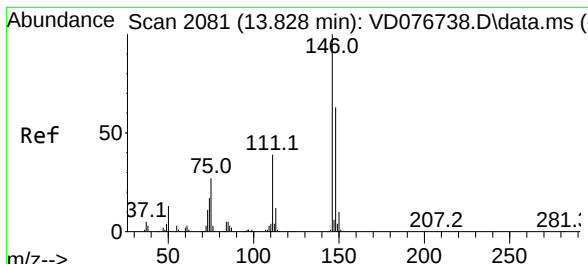
Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Tgt Ion:117 Resp: 94268

Ion	Ratio	Lower	Upper
117	100		
201	63.4	38.5	115.5





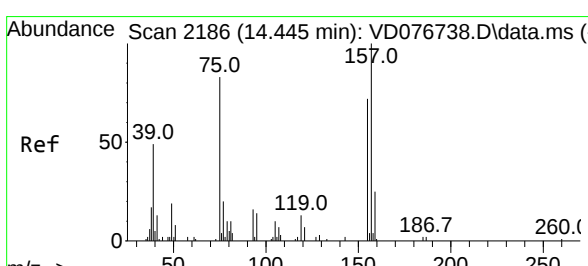
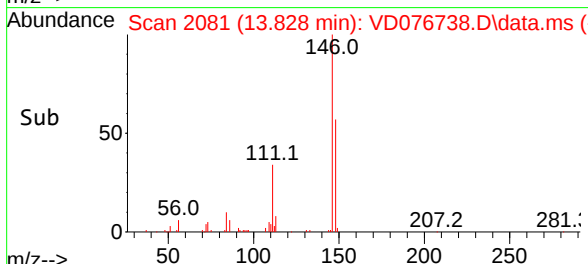
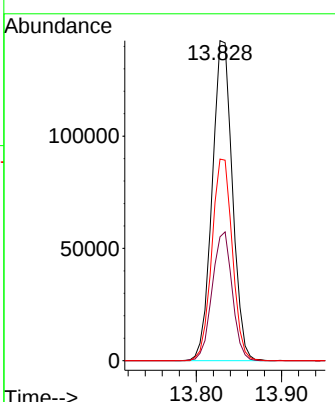
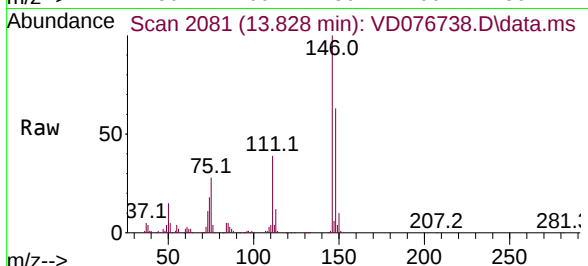
#91
 1,2-Dichlorobenzene
 Concen: 50.335 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Instrument : MSVOA_D
 ClientSampleId : VSTDICCC050

Tgt Ion:146 Resp: 235080

Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.3	54.8
148	63.9	31.6	94.7

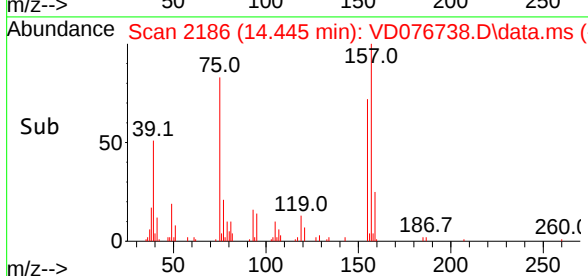
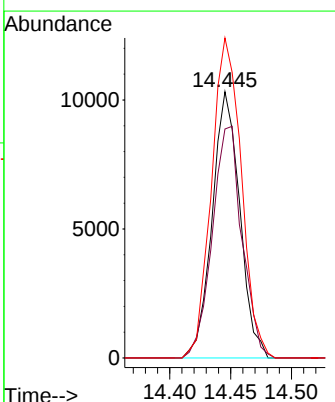
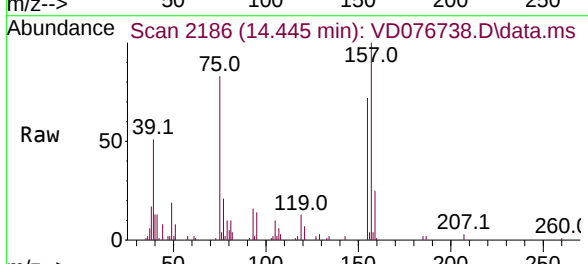
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

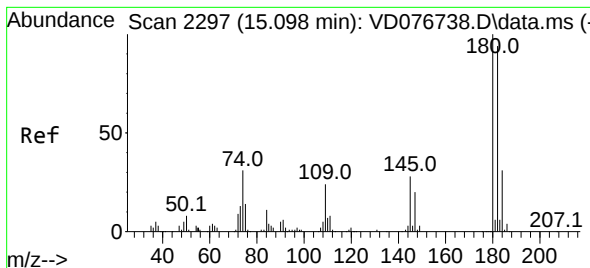


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.562 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Tgt Ion: 75 Resp: 16255

Ion	Ratio	Lower	Upper
75	100		
155	93.7	47.9	143.8
157	130.1	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.875 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 142208

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

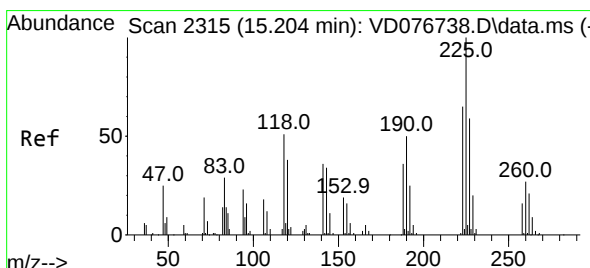
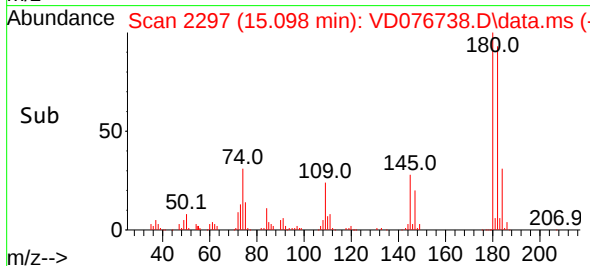
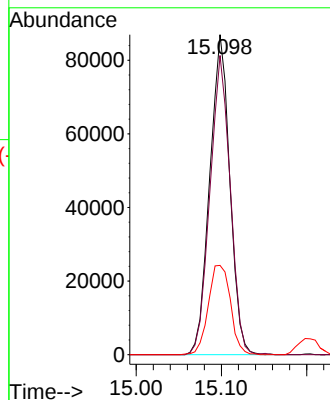
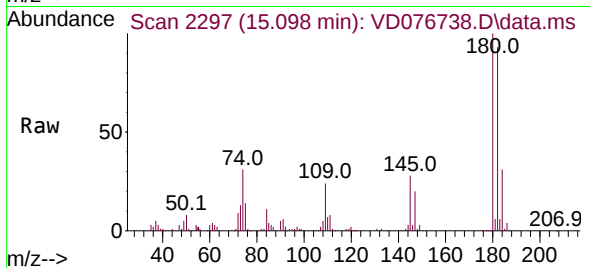
145 30.9 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#94

Hexachlorobutadiene

Concen: 49.232 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

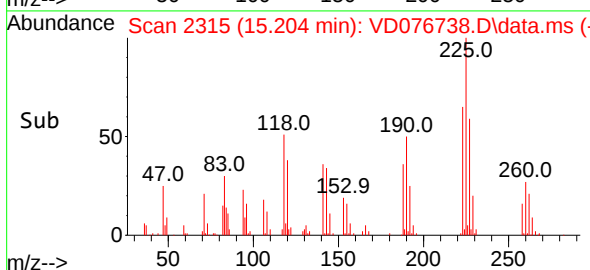
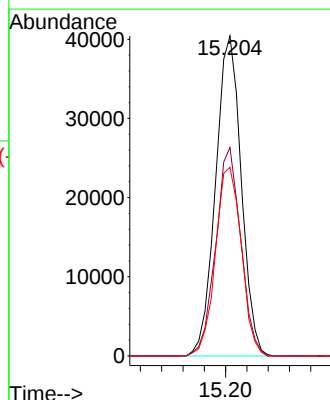
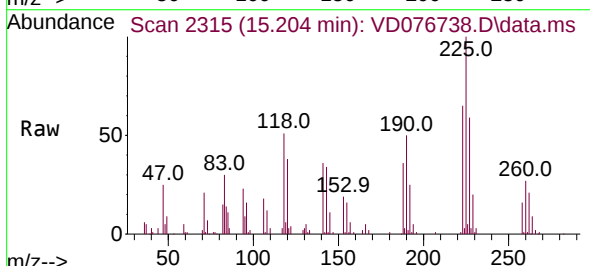
Tgt Ion:225 Resp: 67512

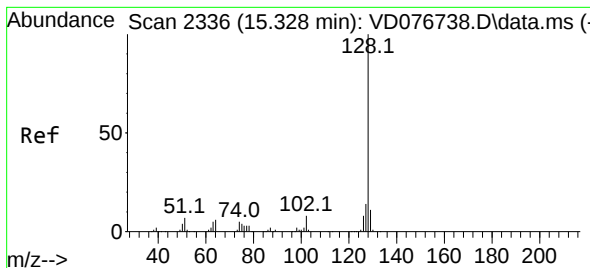
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 59.6 31.7 95.1





#95

Naphthalene

Concen: 51.313 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

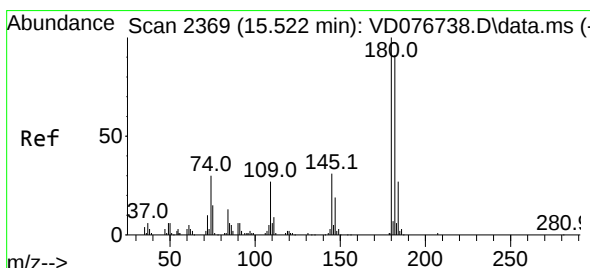
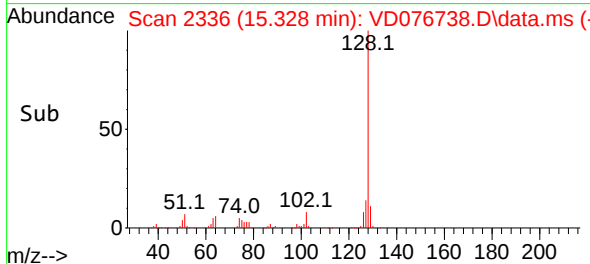
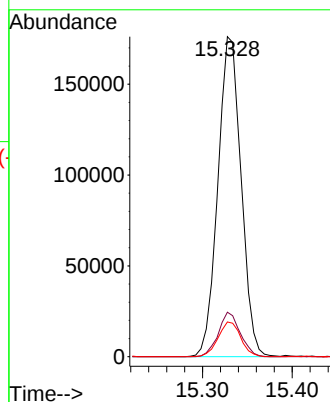
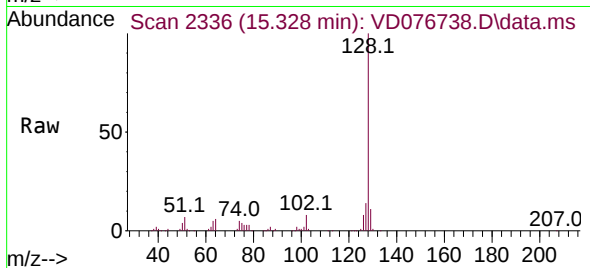
Tgt Ion:	128	Resp:	31678
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.726 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Tgt Ion:	180	Resp:	127234
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	141.9
145	31.8	15.1	45.3

