

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

Quant Time: Jul 17 04:49:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 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	45.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.640%
35) Dibromofluoromethane	7.805	113	95800	45.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.120%
50) Toluene-d8	10.269	98	346366	45.766	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.575	95	115426	47.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	70159	49.202	ug/l	100
3) Chloromethane	2.146	50	122593	49.551	ug/l	100
4) Vinyl Chloride	2.275	62	161972	49.319	ug/l	97
5) Bromomethane	2.681	94	126033	47.657	ug/l	97
6) Chloroethane	2.828	64	122811	49.557	ug/l	98
7) Trichlorofluoromethane	3.164	101	138594	47.469	ug/l	99
8) Diethyl Ether	3.587	74	53972	53.467	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	92887	48.532	ug/l	98
10) Methyl Iodide	4.158	142	114000	53.724	ug/l	92
11) Tert butyl alcohol	5.046	59	33661	241.208	ug/l	95
12) 1,1-Dichloroethene	3.934	96	88279	49.121	ug/l	95
13) Acrolein	3.793	56	20612	238.436	ug/l	99
14) Allyl chloride	4.558	41	120752	51.884	ug/l	92
15) Acrylonitrile	5.246	53	126927	258.600	ug/l	98
16) Acetone	4.017	43	110347	252.935	ug/l	88
17) Carbon Disulfide	4.264	76	215395	52.051	ug/l	100
18) Methyl Acetate	4.564	43	83150	51.028	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	251018	52.553	ug/l	98
20) Methylene Chloride	4.799	84	131298	53.062	ug/l	89
21) trans-1,2-Dichloroethene	5.299	96	107458	52.037	ug/l	98
22) Diisopropyl ether	6.216	45	290581	52.517	ug/l	96
23) Vinyl Acetate	6.152	43	727262	266.187	ug/l	95
24) 1,1-Dichloroethane	6.105	63	192373	51.022	ug/l	98
25) 2-Butanone	7.081	43	152248	261.098	ug/l	88
26) 2,2-Dichloropropane	7.075	77	160237	49.058	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	130584	51.076	ug/l	95
28) Bromochloromethane	7.428	49	43937	51.489	ug/l	85
29) Tetrahydrofuran	7.440	42	86652	253.677	ug/l	94
30) Chloroform	7.593	83	202534	49.484	ug/l	99
31) Cyclohexane	7.875	56	121483	45.663	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	167216	50.408	ug/l	97
36) 1,1-Dichloropropene	8.005	75	135353	50.153	ug/l	96
37) Ethyl Acetate	7.163	43	65726	53.878	ug/l	98
38) Carbon Tetrachloride	7.993	117	129311	50.234	ug/l	94
39) Methylcyclohexane	9.275	83	157345	50.870	ug/l	95
40) Benzene	8.246	78	425999	49.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	36882	49.906	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	113879	50.828	ug/l	98
43) Isopropyl Acetate	8.357	43	122722	51.887	ug/l	93
44) Trichloroethene	9.028	130	117790	50.691	ug/l	92
45) 1,2-Dichloropropane	9.304	63	118425	53.698	ug/l	94
46) Dibromomethane	9.393	93	69311	53.024	ug/l	90
47) Bromodichloromethane	9.581	83	170406	52.601	ug/l	98
48) Methyl methacrylate	9.381	41	58039	53.567	ug/l	83
49) 1,4-Dioxane	9.381	88	16572	1027.695	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	340901	269.745	ug/l	94
52) Toluene	10.334	92	290844	51.968	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	161620	54.022	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	187531	52.741	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	99917	52.589	ug/l	95
56) Ethyl methacrylate	10.599	69	119962	55.416	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	159327	51.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	212213	250.049	ug/l	99
59) 2-Hexanone	10.922	43	244032	269.806	ug/l	92
60) Dibromochloromethane	11.075	129	116566	53.161	ug/l	96
61) 1,2-Dibromoethane	11.181	107	94598	53.545	ug/l	99
64) Tetrachloroethene	10.810	164	90749	49.340	ug/l #	88
65) Chlorobenzene	11.604	112	325029	49.433	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	120109	48.911	ug/l	97
67) Ethyl Benzene	11.681	91	572548	50.073	ug/l	94
68) m/p-Xylenes	11.793	106	440372	100.187	ug/l	91
69) o-Xylene	12.122	106	215142	51.270	ug/l	92
70) Styrene	12.134	104	378667	51.713	ug/l	97
71) Bromoform	12.298	173	68612	51.570	ug/l #	100
73) Isopropylbenzene	12.422	105	555530	50.512	ug/l	96
74) N-amyl acetate	12.234	43	116996	50.147	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	121134	50.662	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	136949	99.995	ug/l #	100
77) Bromobenzene	12.698	156	130227	50.705	ug/l	87
78) n-propylbenzene	12.763	91	673260	50.300	ug/l	96
79) 2-Chlorotoluene	12.851	91	372233	50.219	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	455283	50.752	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	36131	53.059	ug/l	97
82) 4-Chlorotoluene	12.945	91	392430	50.463	ug/l	95
83) tert-Butylbenzene	13.169	119	403558	51.086	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	468615	51.335	ug/l	95
85) sec-Butylbenzene	13.345	105	605537	49.992	ug/l	95
86) p-Isopropyltoluene	13.457	119	506039	50.880	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	267421	50.251	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	258046	48.980	ug/l	97
89) n-Butylbenzene	13.787	91	487385	50.237	ug/l	98
90) Hexachloroethane	14.051	117	94268	50.568	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	235080	50.185	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16255	46.910	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	142208	49.422	ug/l	97
94) Hexachlorobutadiene	15.204	225	67512	49.084	ug/l	97
95) Naphthalene	15.328	128	316788	52.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	127234	50.003	ug/l	99

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QLast Update : Mon Jul 17 04:42:51 2023
Response via : Initial Calibration

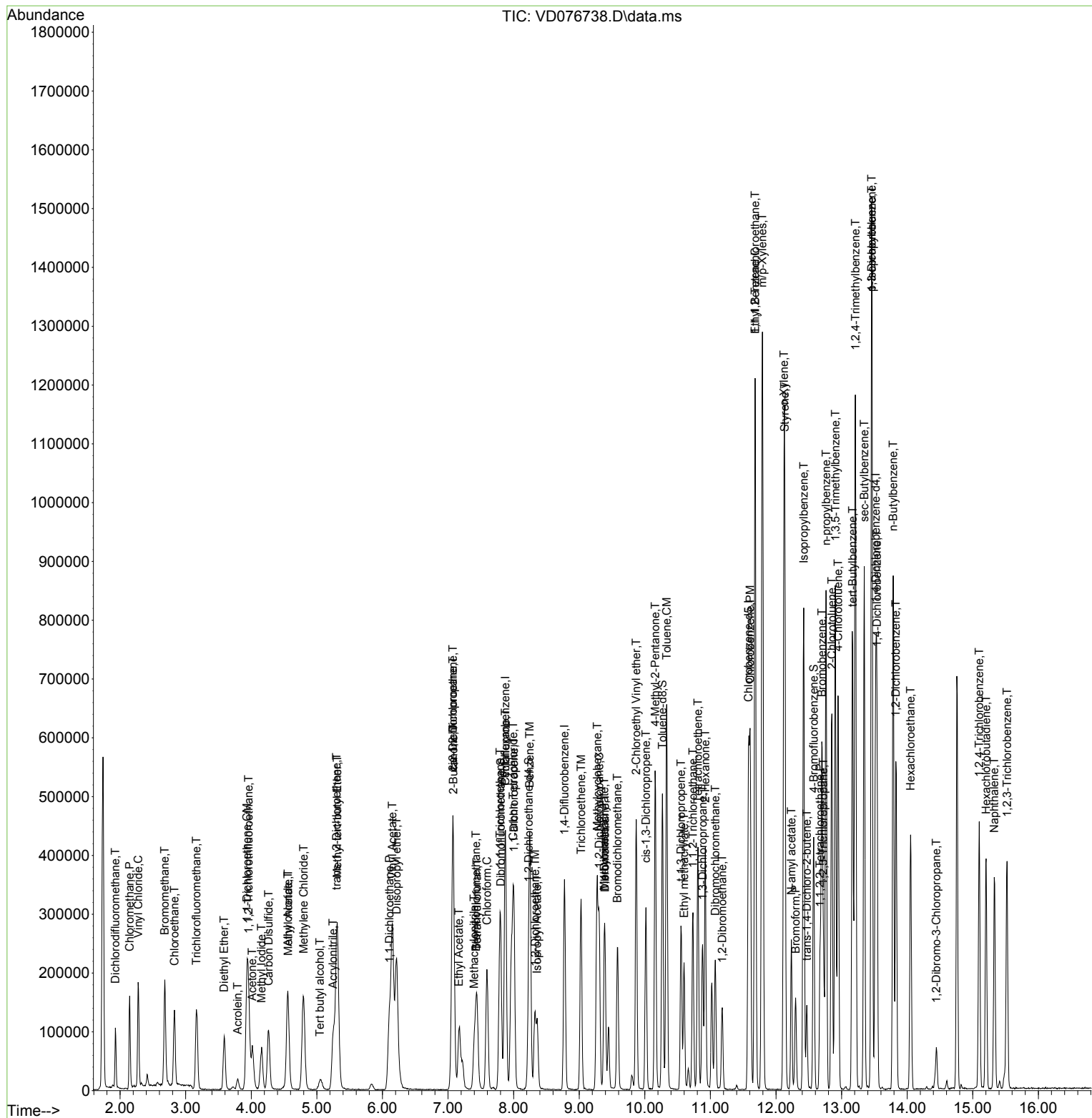
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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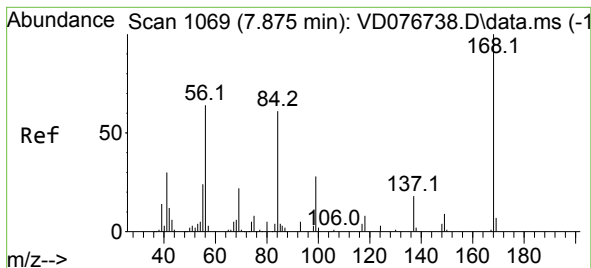
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 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 :

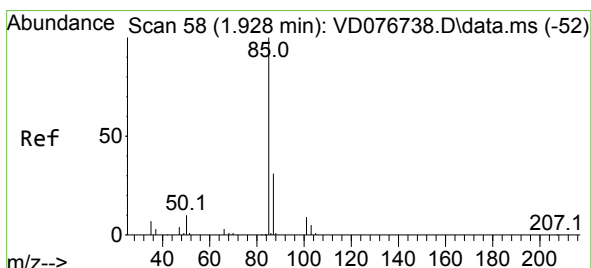
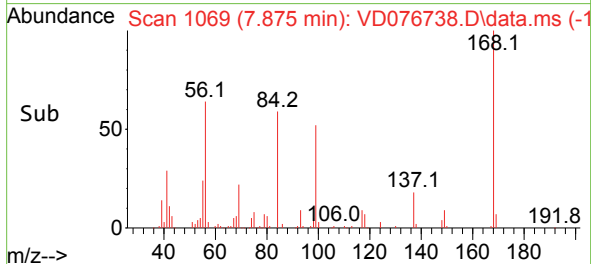
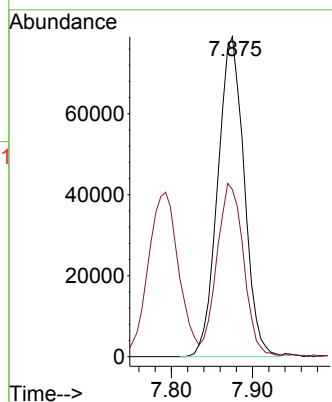
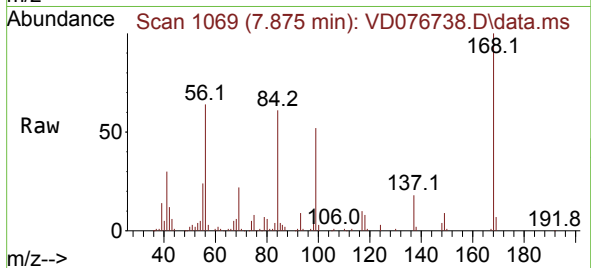
VSTDICCC050

Tgt Ion:168 Resp: 178749

Ion Ratio Lower Upper

168 100

99 51.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 49.202 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076738.D

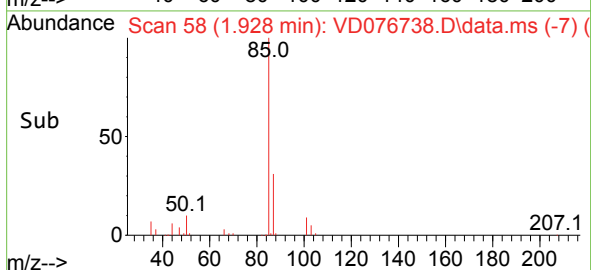
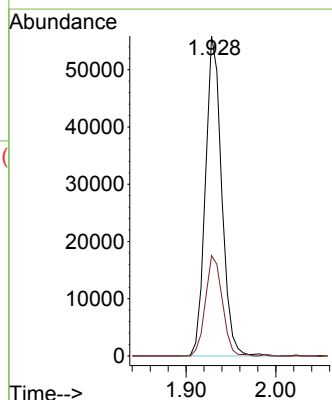
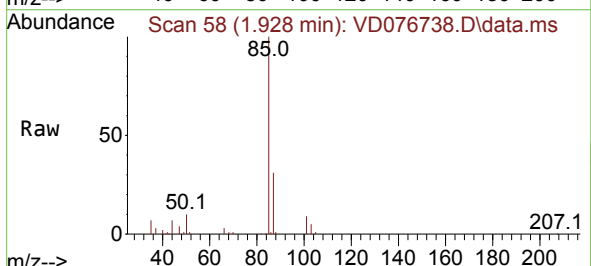
Acq: 14 Jul 2023 13:21

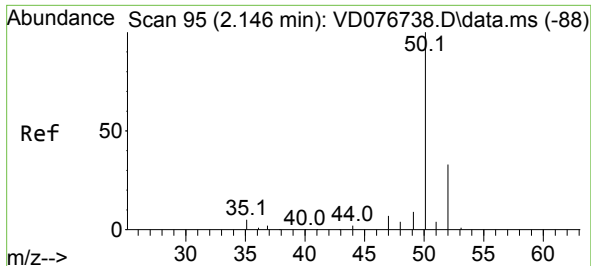
Tgt Ion: 85 Resp: 70159

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.0

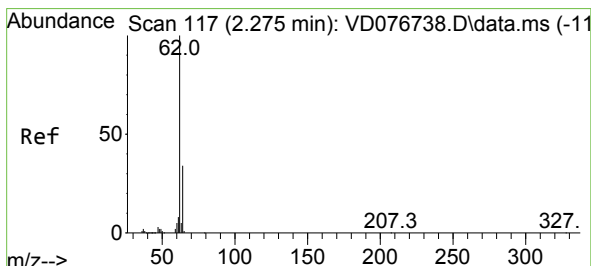
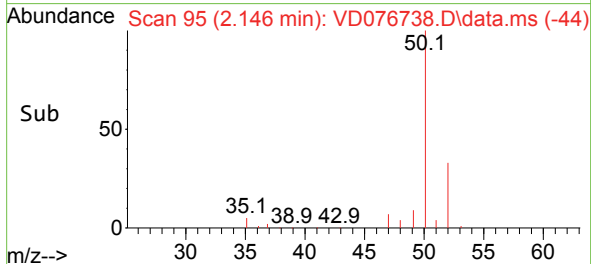
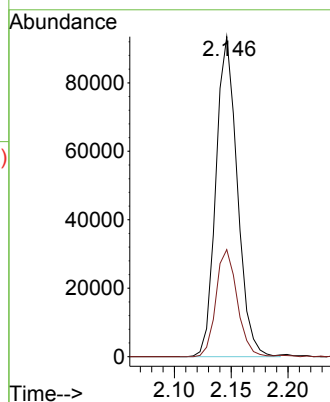
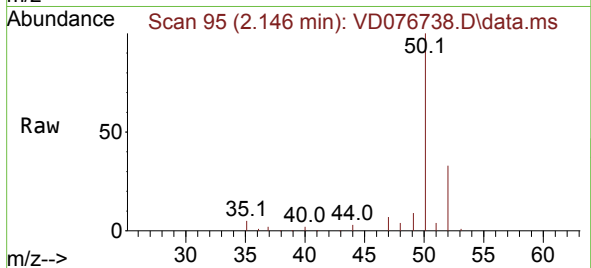




#3
Chloromethane
Concen: 49.551 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076738.D
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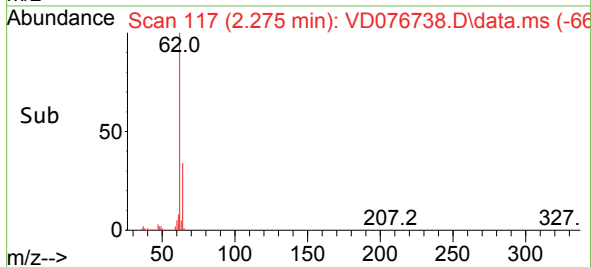
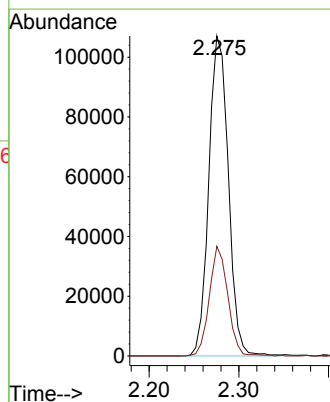
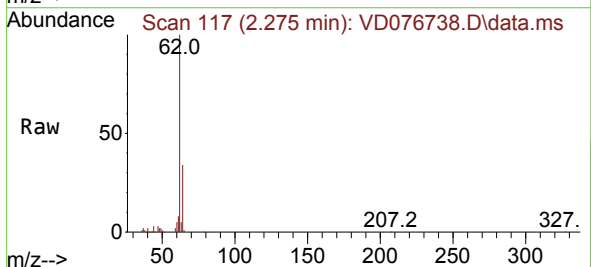
Instrument :
MSVOA_D
ClientSampleId :
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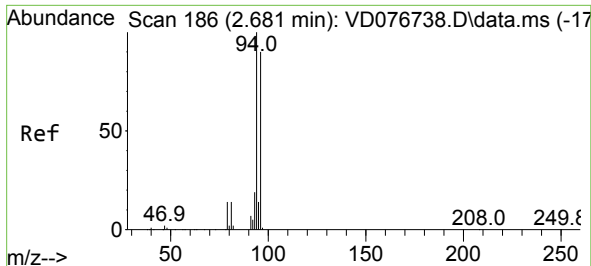
Tgt Ion: 50 Resp: 122593
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 49.319 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

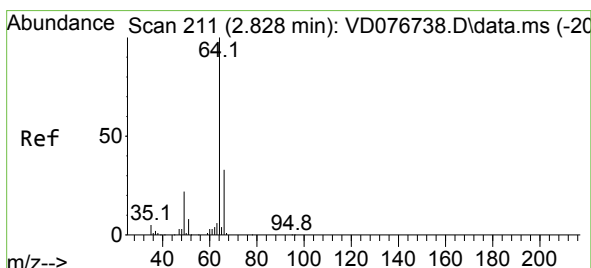
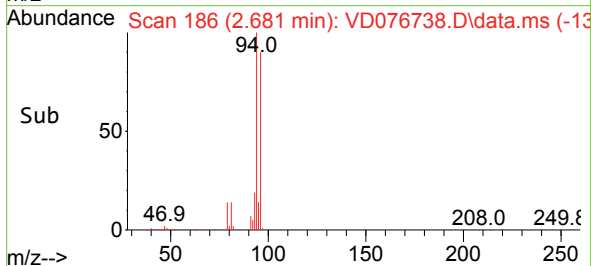
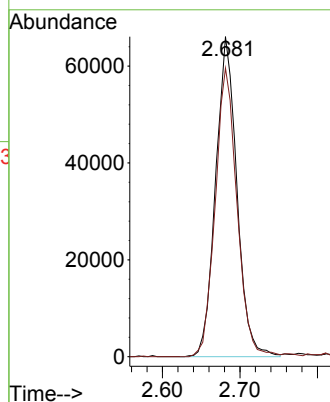
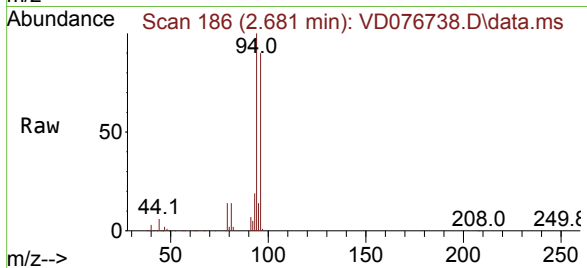




#5
Bromomethane
Concen: 47.657 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076738.D
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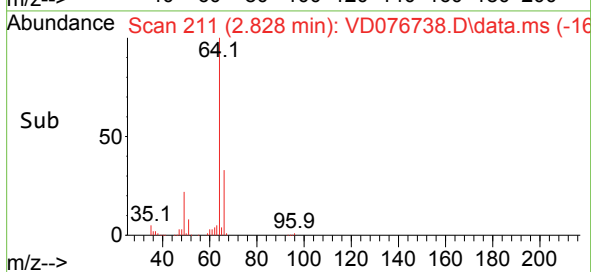
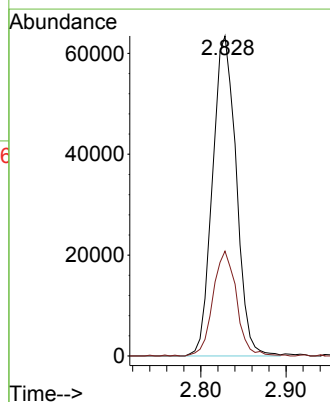
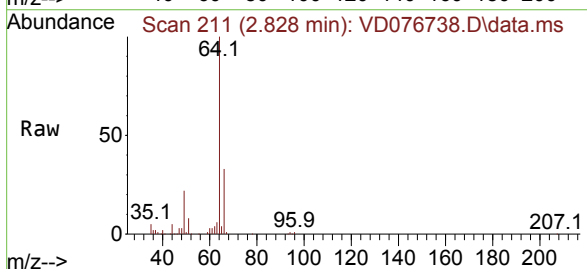
Instrument :
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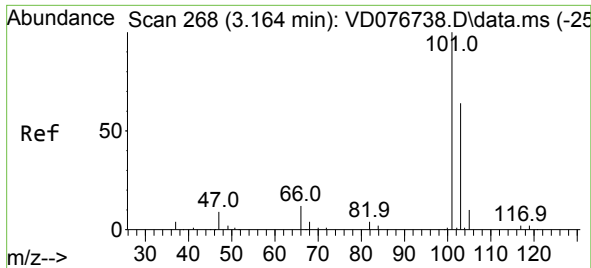
Tgt Ion: 94 Resp: 126033
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.8



#6
Chloroethane
Concen: 49.557 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Tgt Ion: 64 Resp: 122811
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3

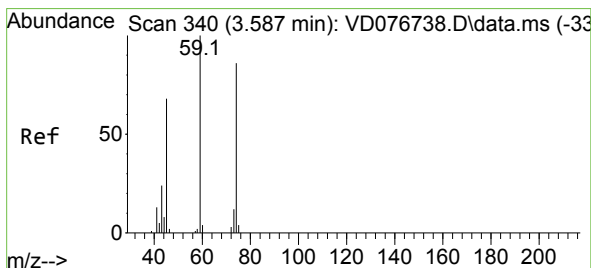
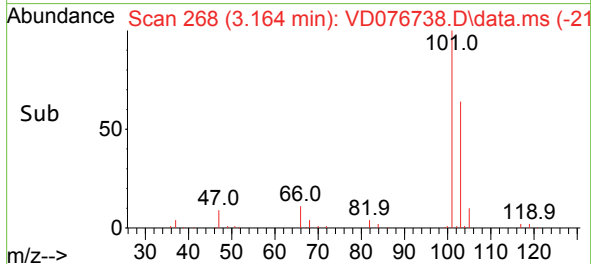
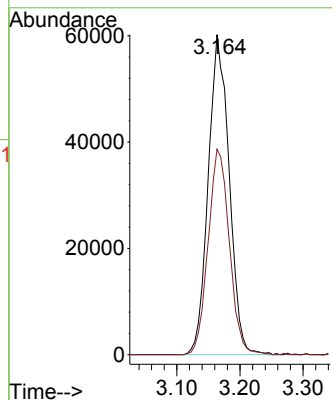
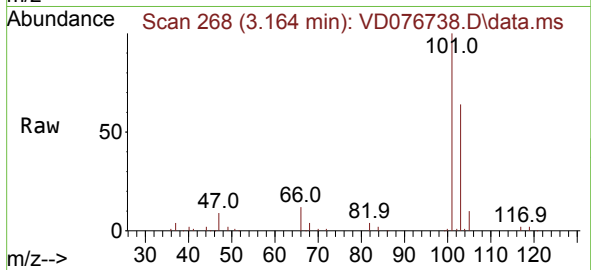




#7
 Trichlorofluoromethane
 Concen: 47.469 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

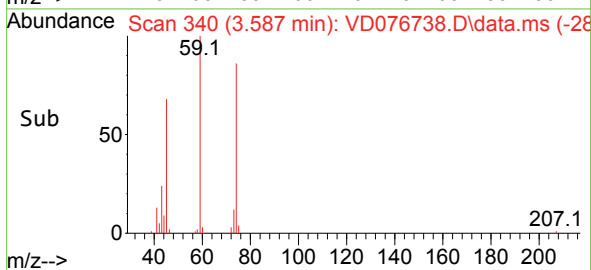
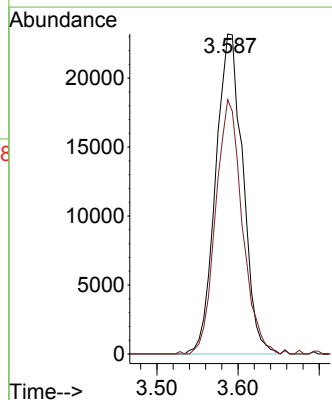
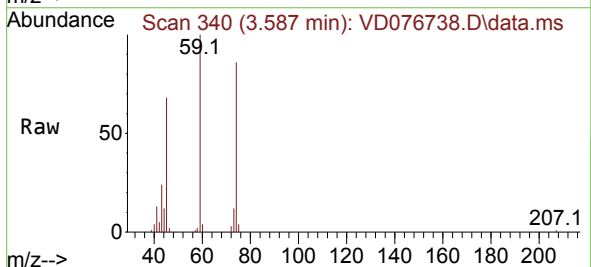
Instrument :
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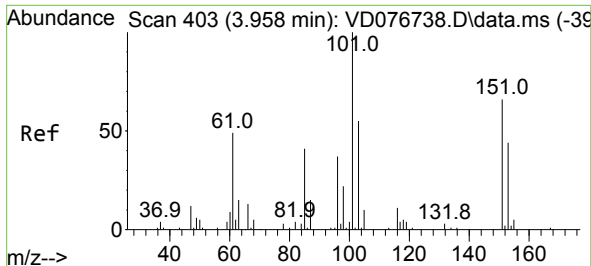
Tgt Ion:101 Resp: 138594
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 53.467 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 53972
 Ion Ratio Lower Upper
 74 100
 45 78.0 37.5 112.7

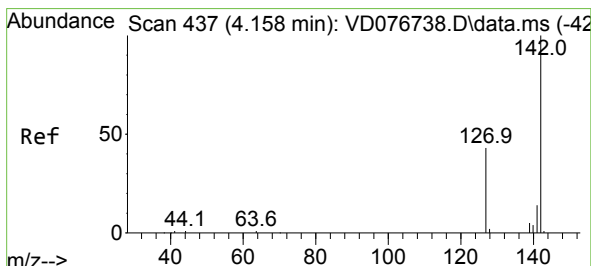
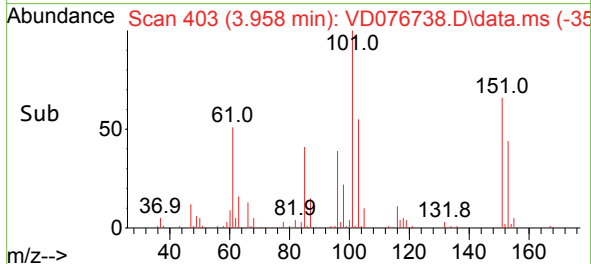
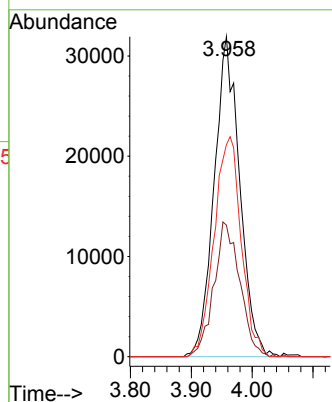
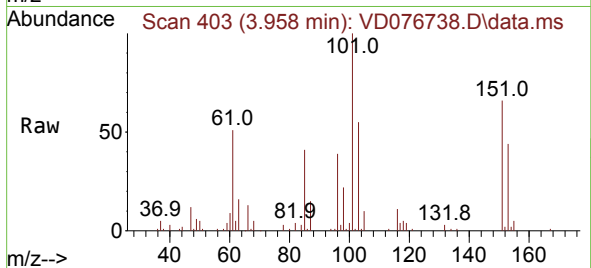




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.532 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

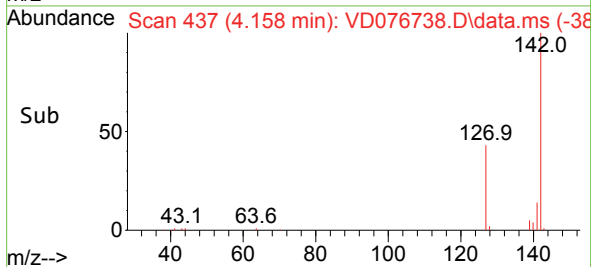
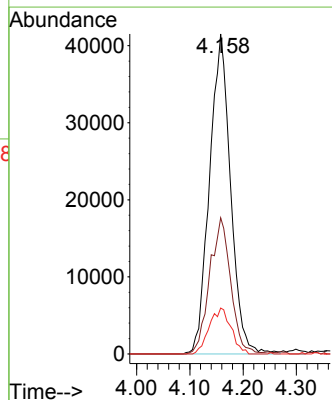
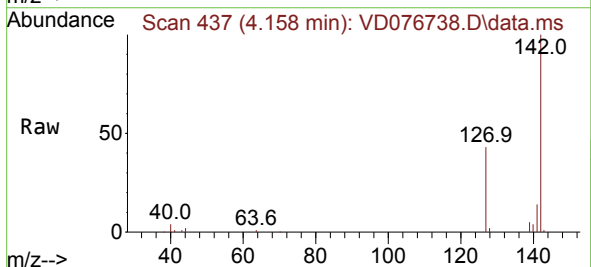
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

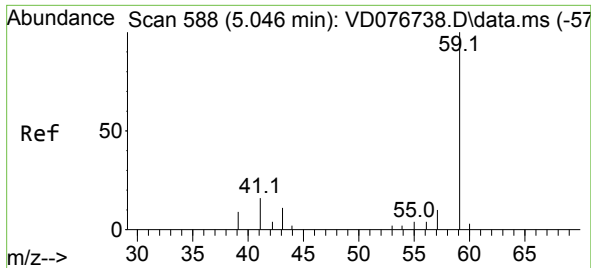
Tgt Ion:101 Resp: 92887
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 73.0 59.8 89.6



#10
Methyl Iodide
Concen: 53.724 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

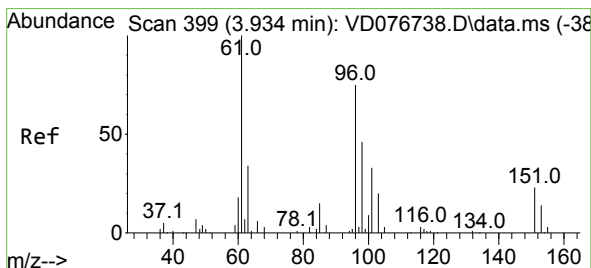
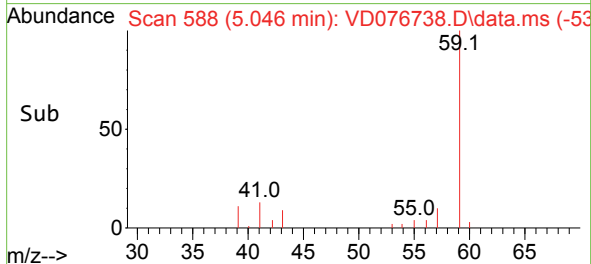
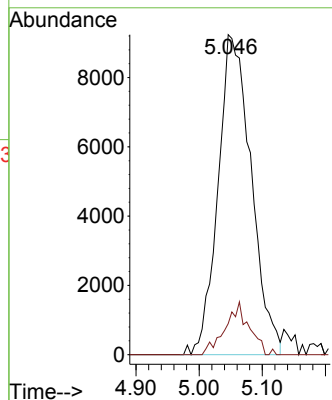
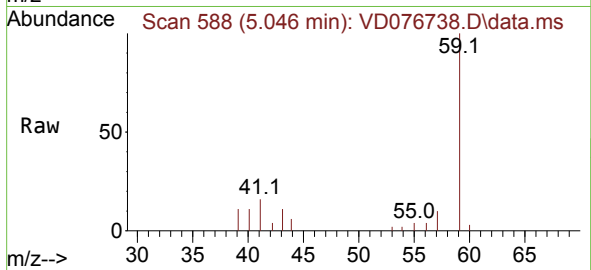




#11
Tert butyl alcohol
Concen: 241.208 ug/l
RT: 5.046 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

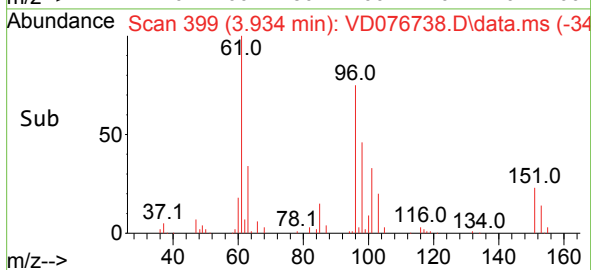
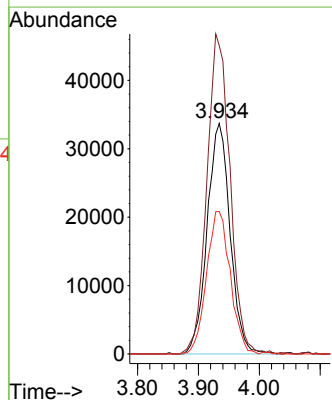
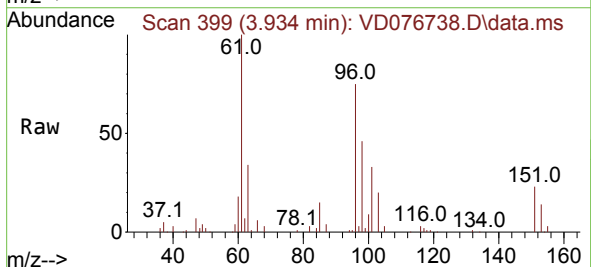
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

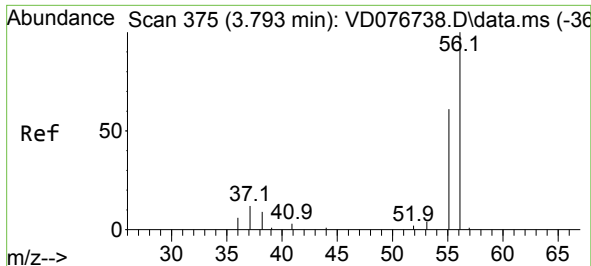
Tgt Ion: 59 Resp: 33661
Ion Ratio Lower Upper
59 100
57 11.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.121 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

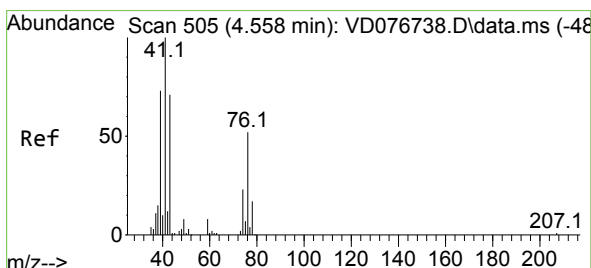
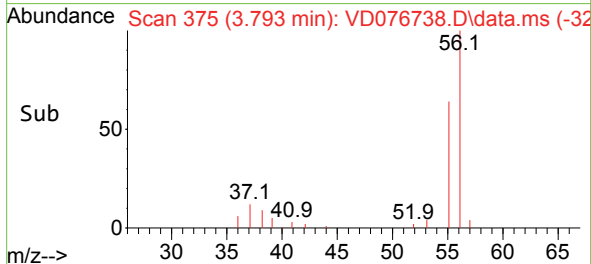
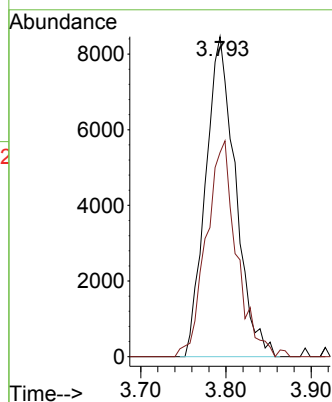
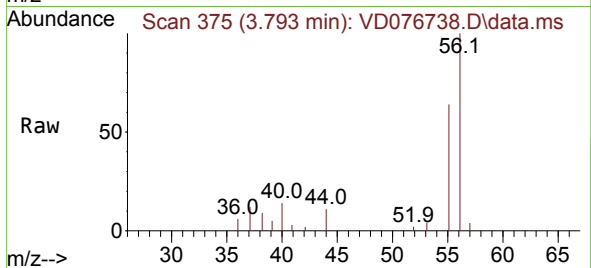




#13
Acrolein
Concen: 238.436 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

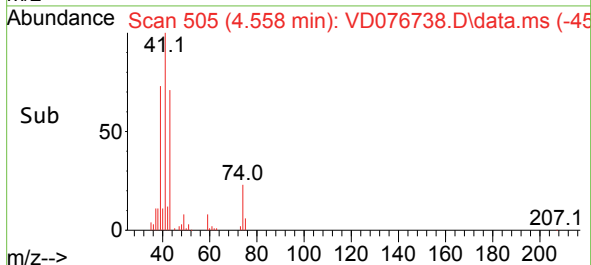
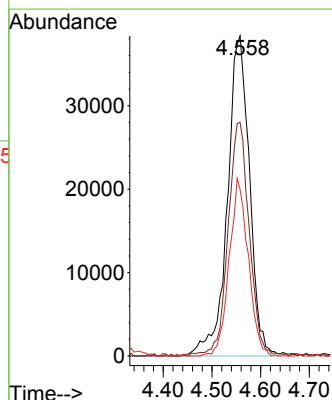
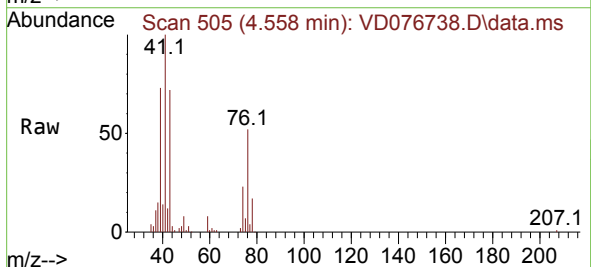
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

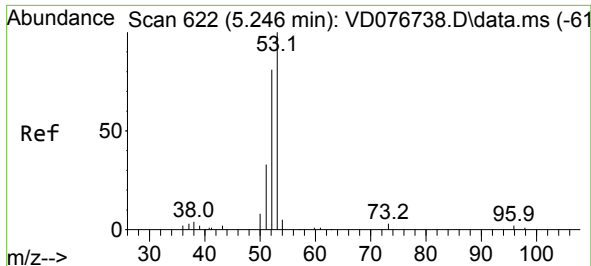
Tgt Ion: 56 Resp: 20612
Ion Ratio Lower Upper
56 100
55 68.2 55.1 82.7



#14
Allyl chloride
Concen: 51.884 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

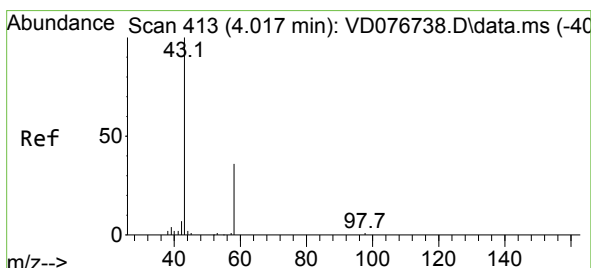
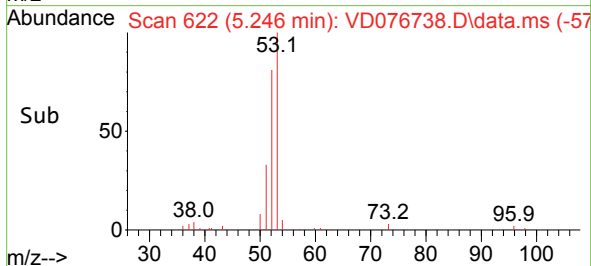
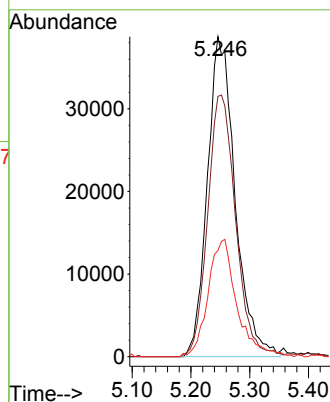
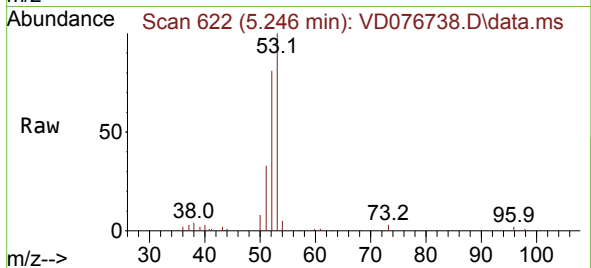




#15
Acrylonitrile
Concen: 258.600 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

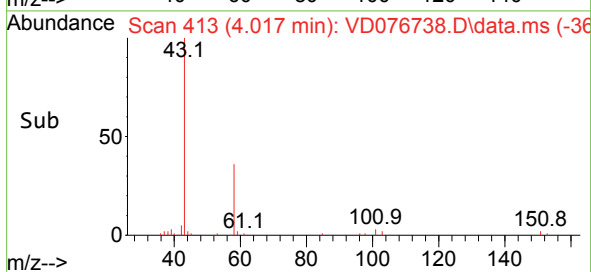
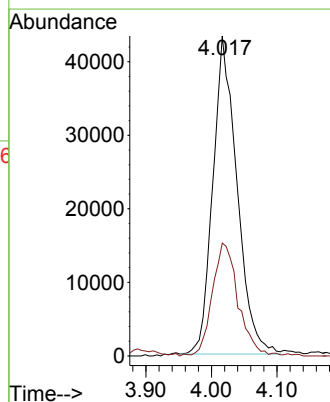
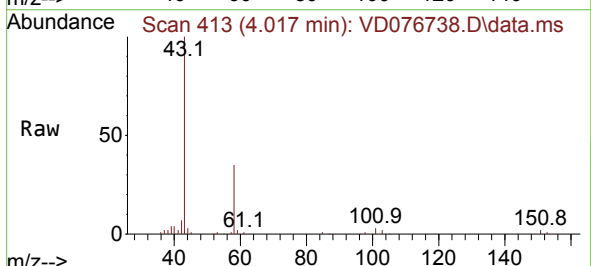
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

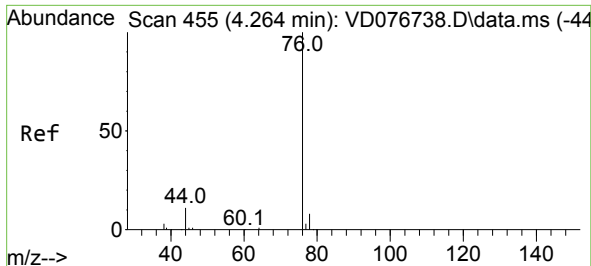
Tgt Ion: 53 Resp: 126927
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 37.9 28.3 42.5



#16
Acetone
Concen: 252.935 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

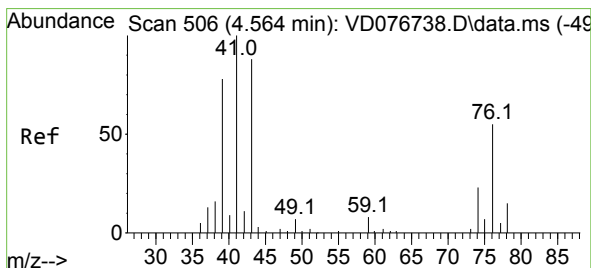
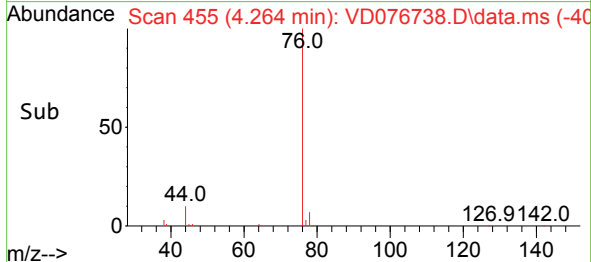
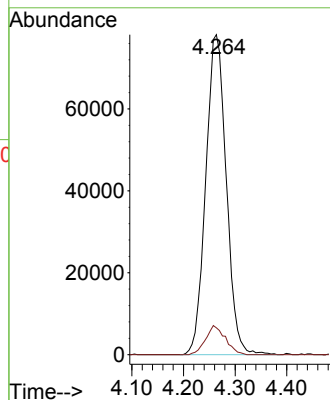
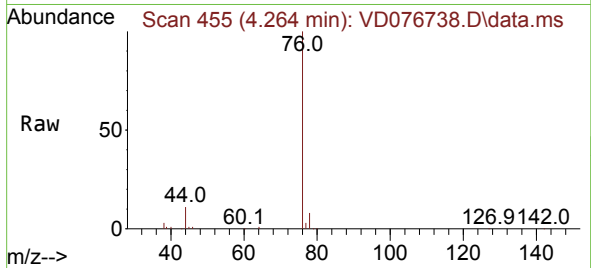




#17
Carbon Disulfide
Concen: 52.051 ug/l
RT: 4.264 min Scan# 455
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

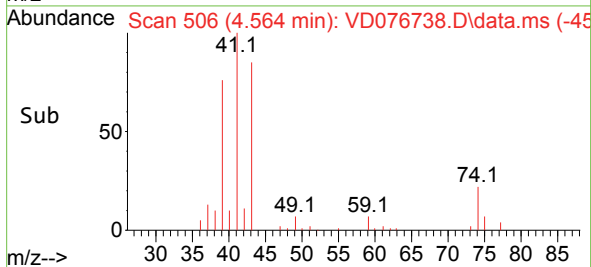
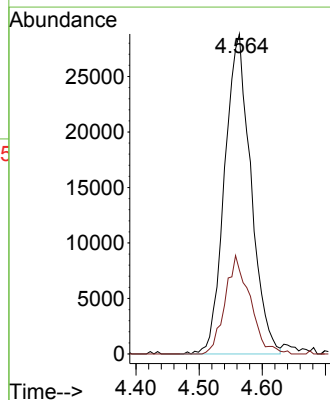
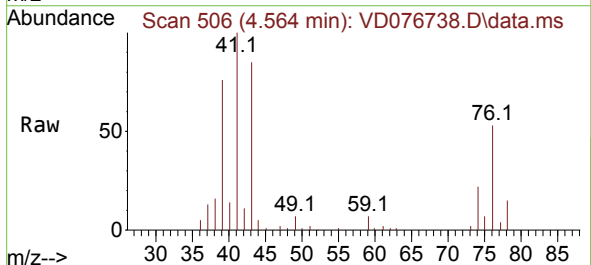
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

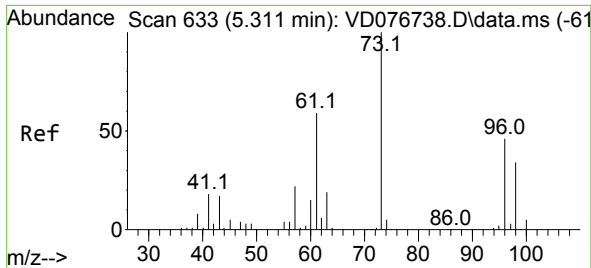
Tgt Ion: 76 Resp: 215395
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 51.028 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

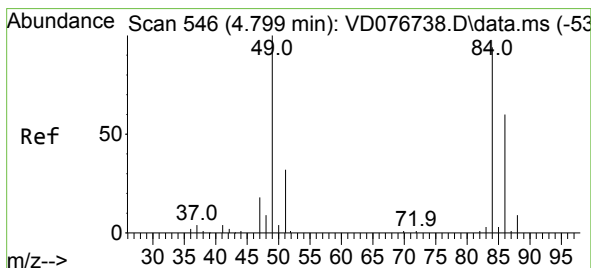
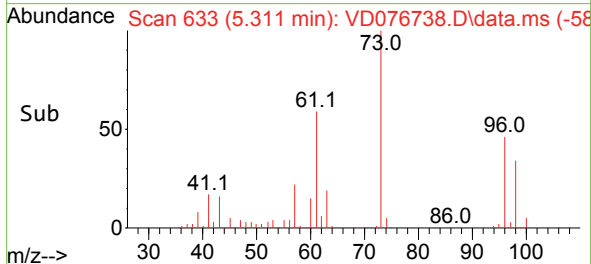
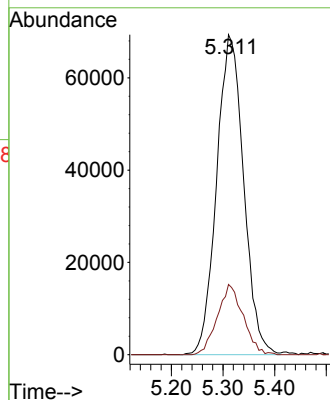
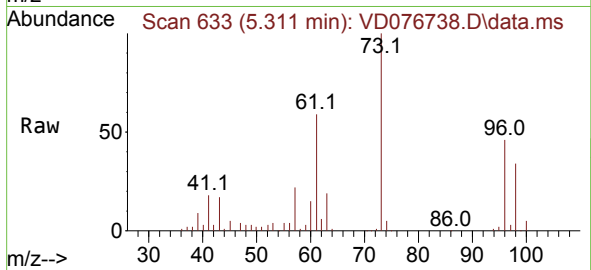




#19
Methyl tert-butyl Ether
Concen: 52.553 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

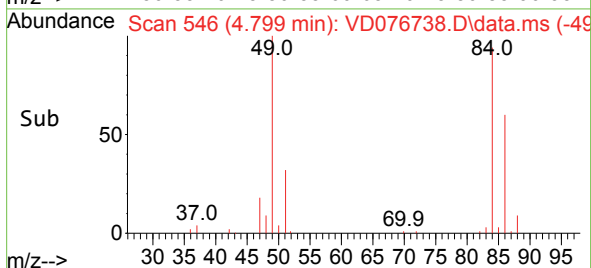
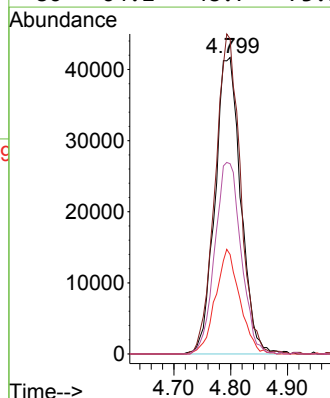
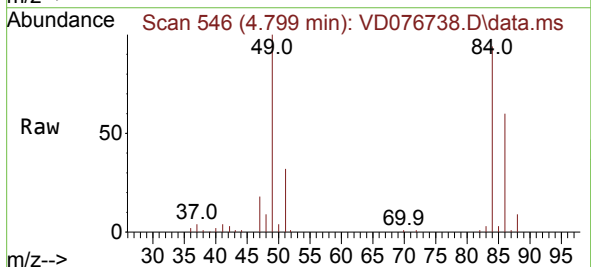
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

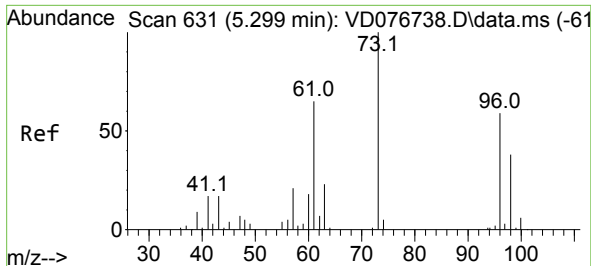
Tgt Ion: 73 Resp: 251018
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 53.062 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: 52.037 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

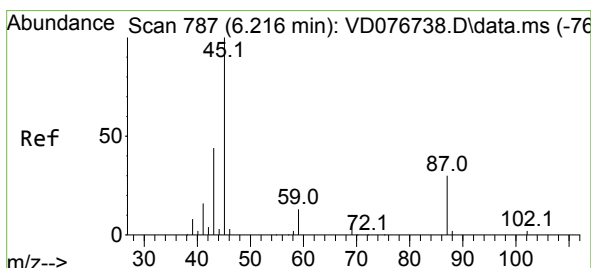
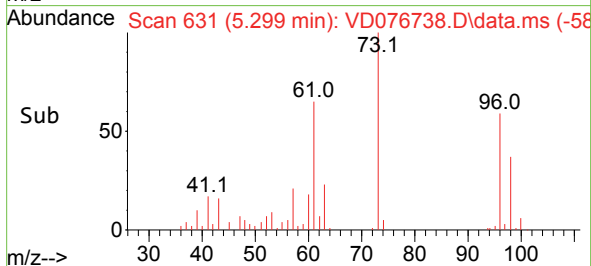
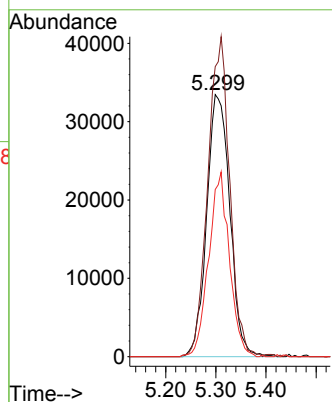
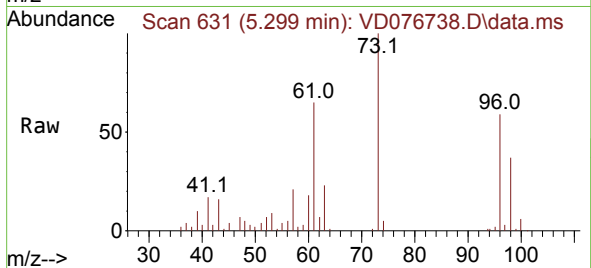
Tgt Ion: 96 Resp: 107458

Ion Ratio Lower Upper

96 100

61 110.7 89.3 133.9

98 63.8 48.6 73.0



#22

Diisopropyl ether

Concen: 52.517 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

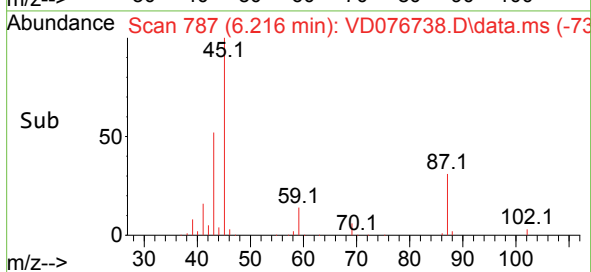
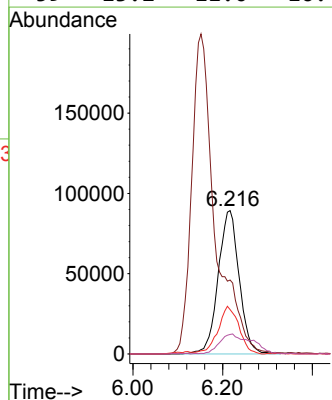
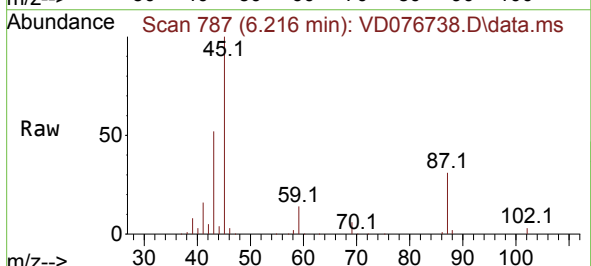
Ion Ratio Lower Upper

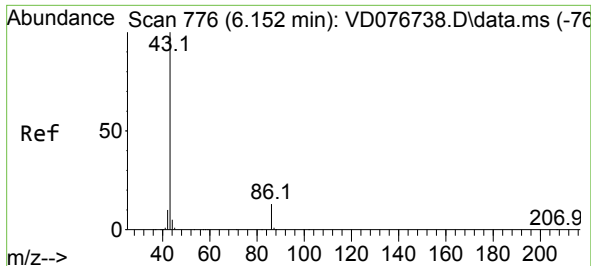
45 100

43 50.7 40.0 60.0

87 30.7 28.2 42.4

59 13.2 11.0 16.4

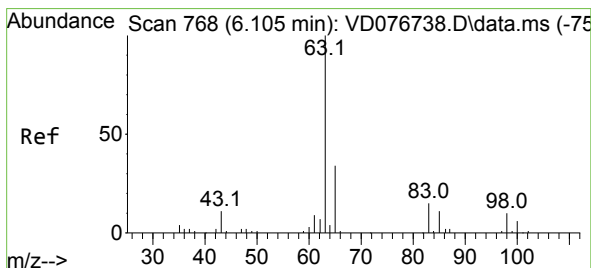
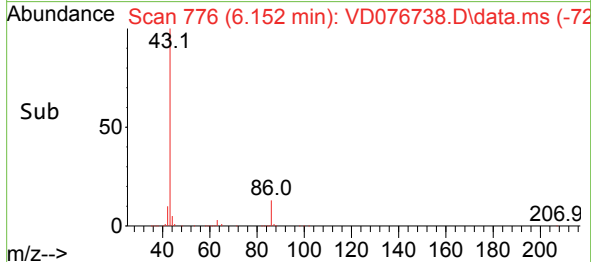
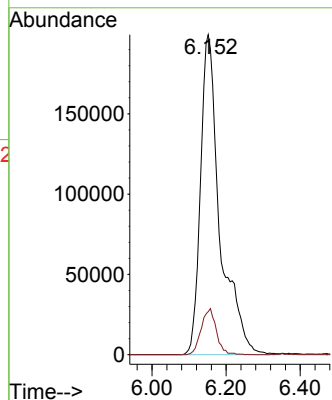
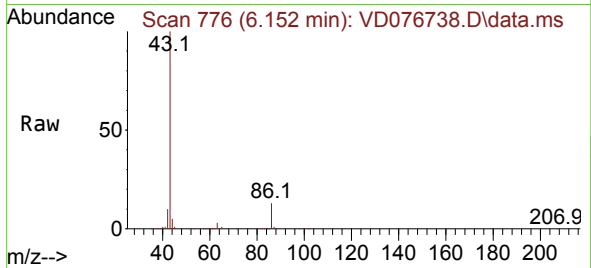




#23
 Vinyl Acetate
 Concen: 266.187 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

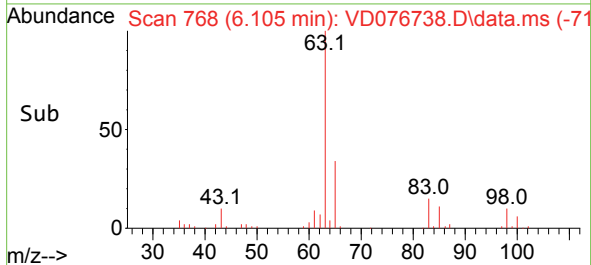
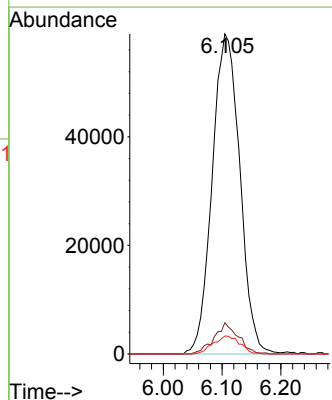
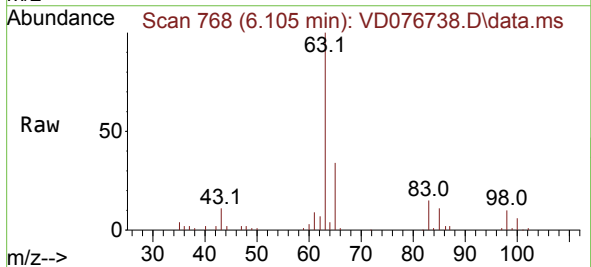
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

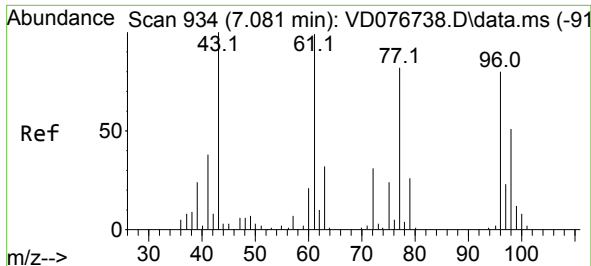
Tgt Ion: 43 Resp: 727262
 Ion Ratio Lower Upper
 43 100
 86 13.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 51.022 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: 261.098 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 :

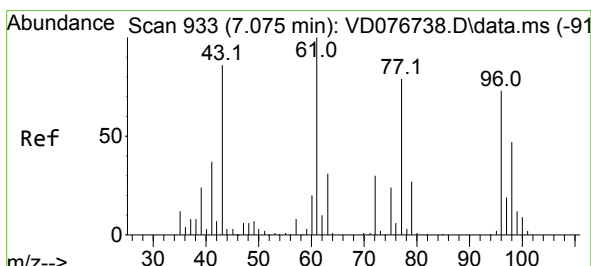
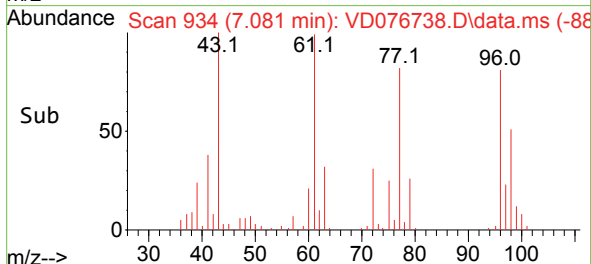
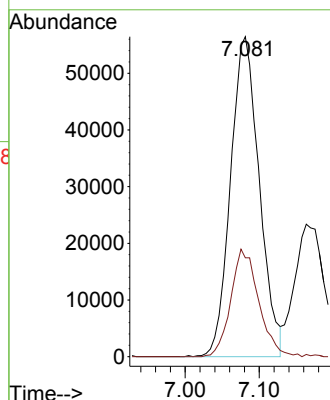
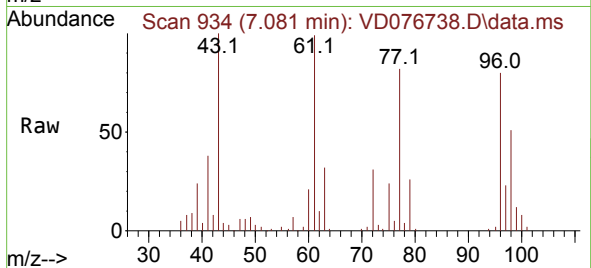
VSTDICCC050

Tgt Ion: 43 Resp: 152248

Ion Ratio Lower Upper

43 100

72 30.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 49.058 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076738.D

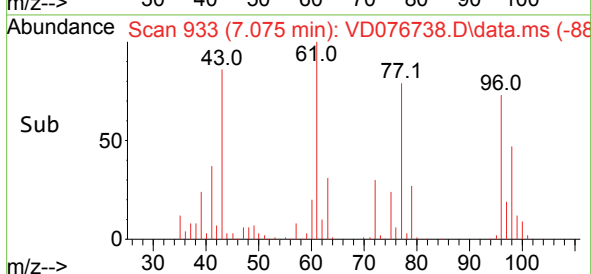
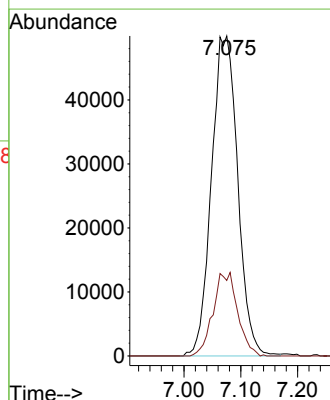
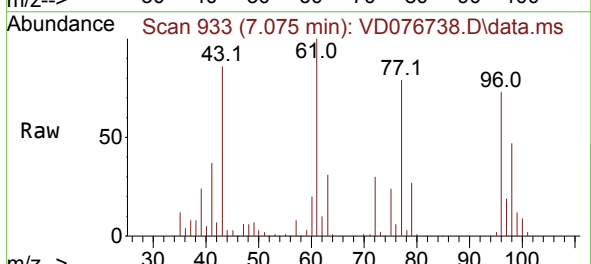
Acq: 14 Jul 2023 13:21

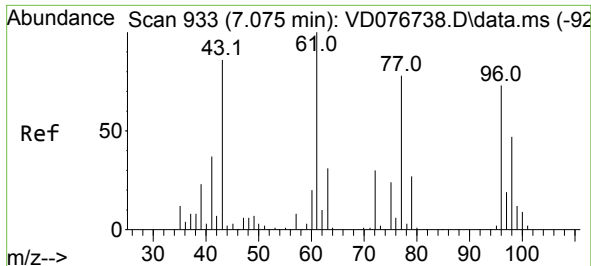
Tgt Ion: 77 Resp: 160237

Ion Ratio Lower Upper

77 100

97 24.4 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.076 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

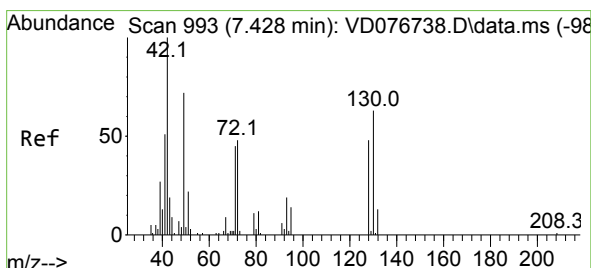
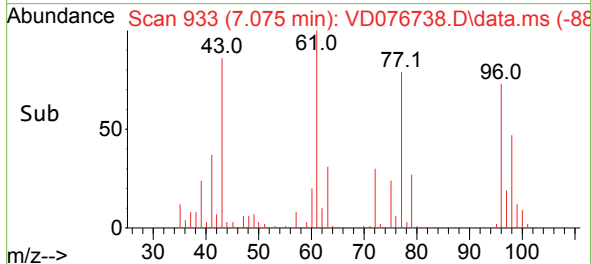
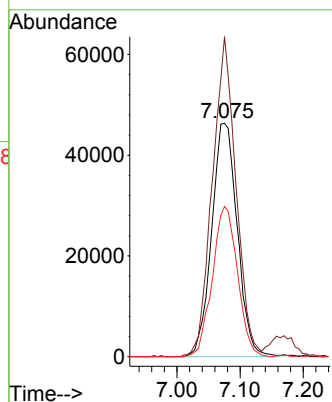
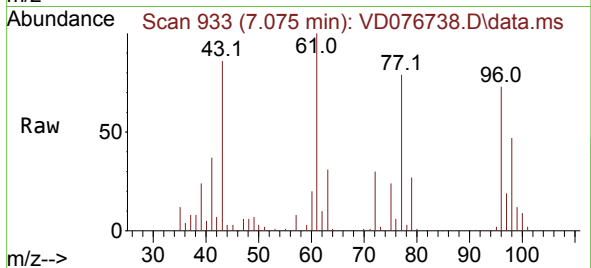
Tgt Ion: 96 Resp: 130584

Ion Ratio Lower Upper

96 100

61 126.4 0.0 239.2

98 63.1 0.0 128.6



#28

Bromochloromethane

Concen: 51.489 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

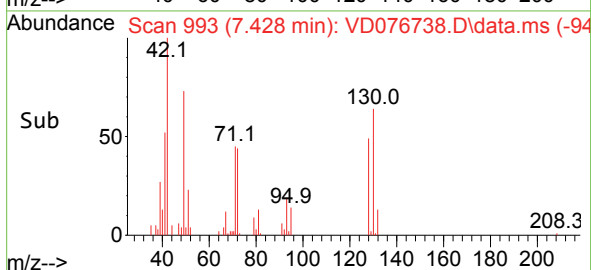
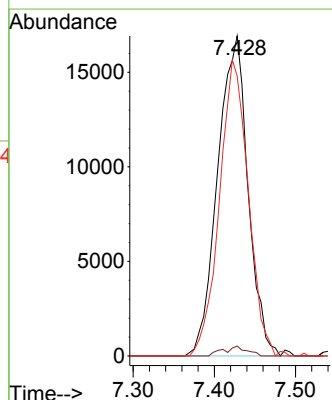
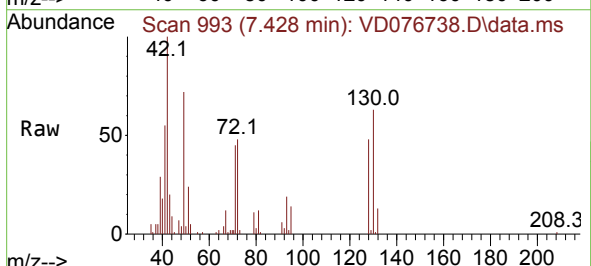
Tgt Ion: 49 Resp: 43937

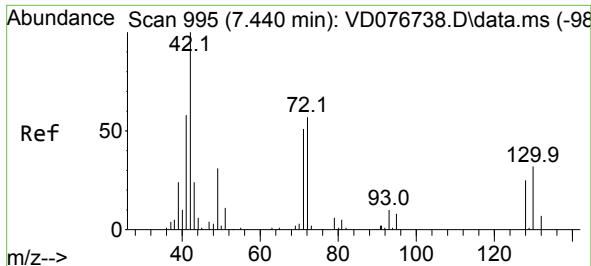
Ion Ratio Lower Upper

49 100

129 2.4 0.0 6.0

130 88.1 83.2 124.8

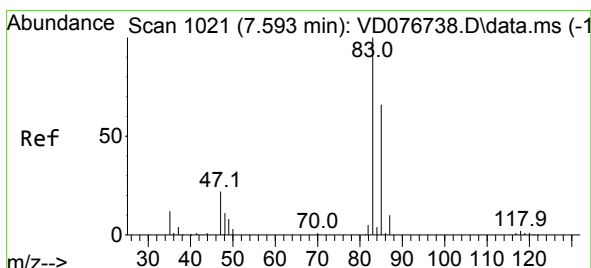
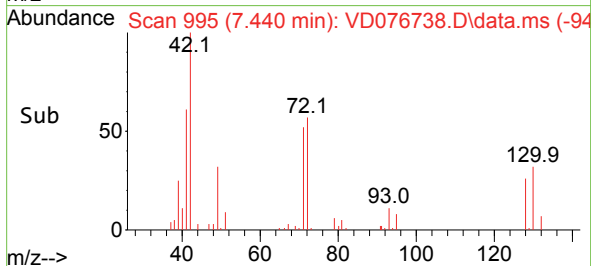
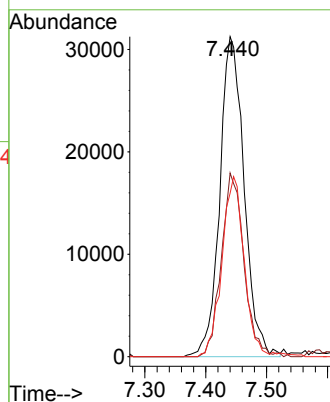
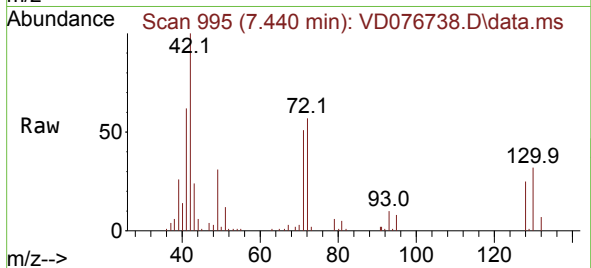




#29
Tetrahydrofuran
Concen: 253.677 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

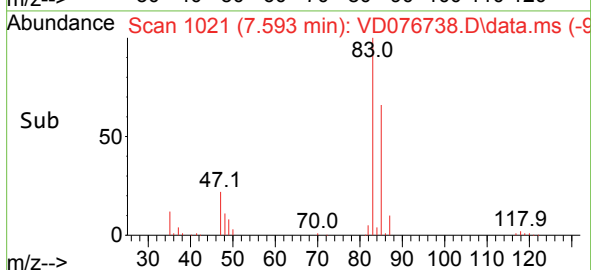
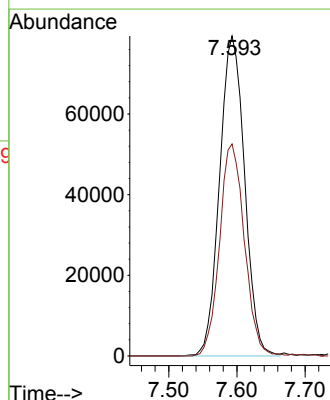
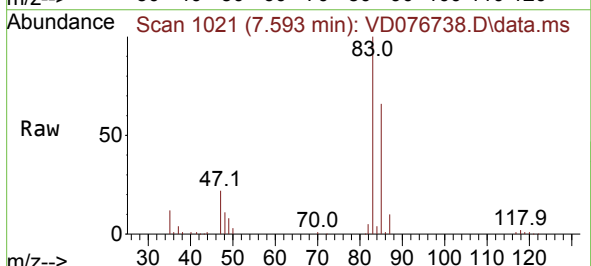
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

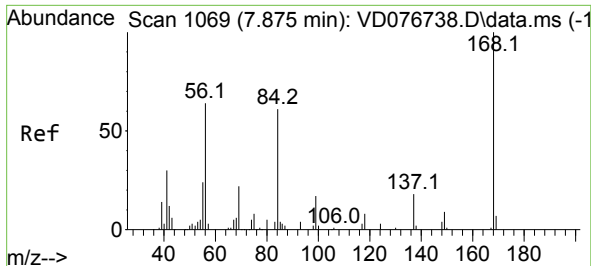
Tgt Ion:	42	Resp:	86652
Ion Ratio	Lower	Upper	
42	100		
72	53.5	46.5	69.7
71	51.3	44.5	66.7



#30
Chloroform
Concen: 49.484 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

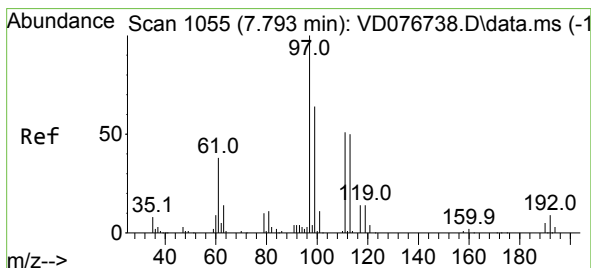
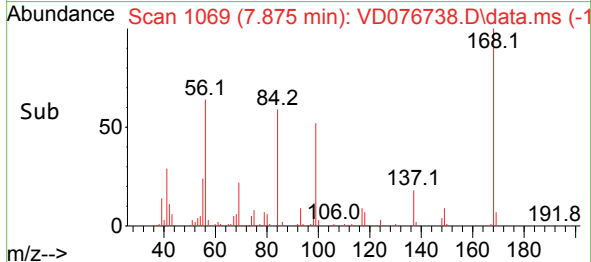
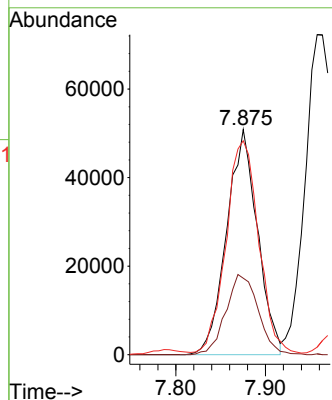
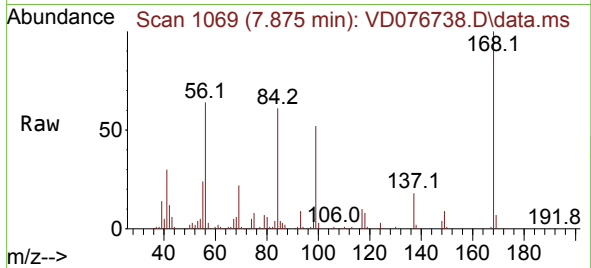




#31
Cyclohexane
Concen: 45.663 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

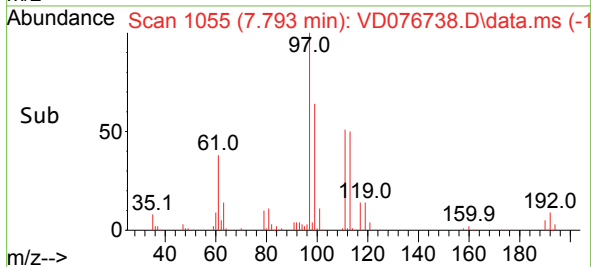
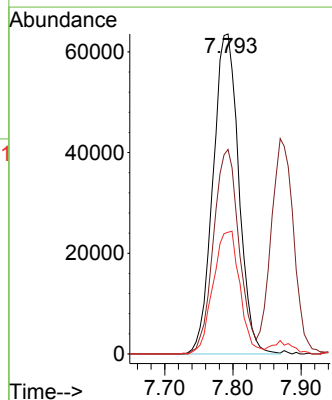
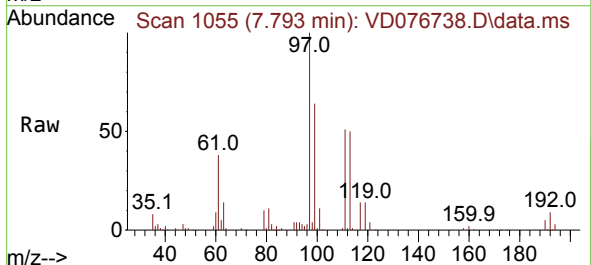
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

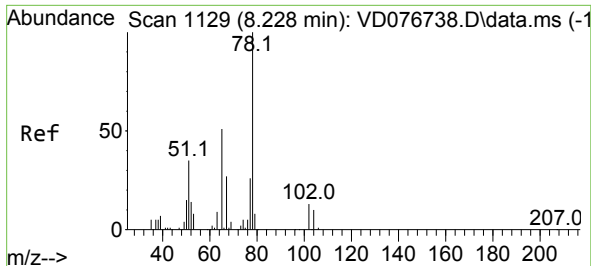
Tgt Ion: 56 Resp: 121483
Ion Ratio Lower Upper
56 100
69 34.0 28.6 43.0
84 93.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 50.408 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: 45.325 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 :

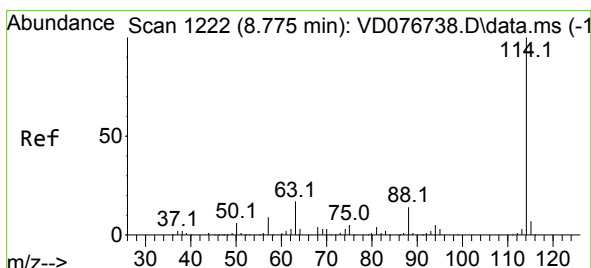
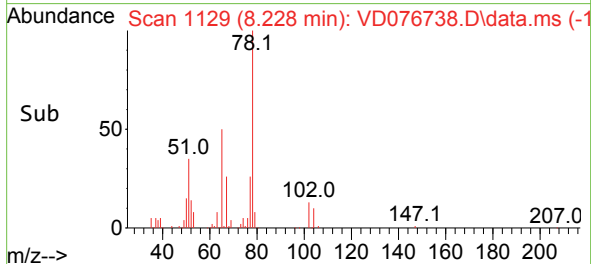
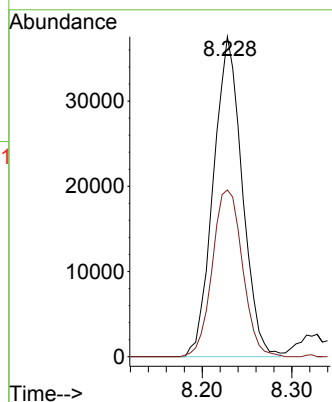
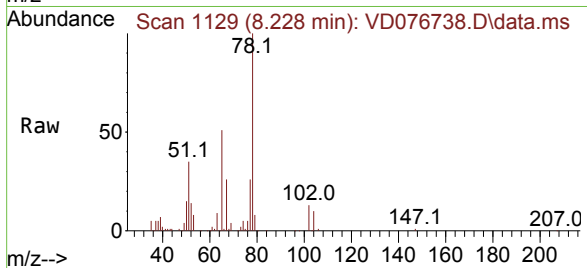
VSTDICCC050

Tgt Ion: 65 Resp: 83721

Ion Ratio Lower Upper

65 100

67 54.5 0.0 115.0



#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

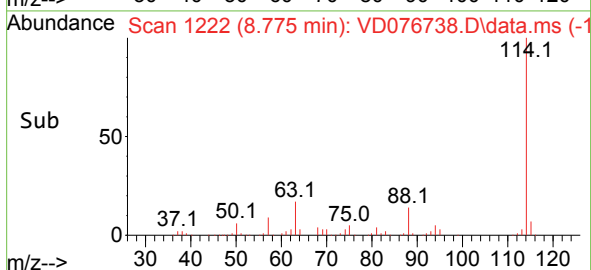
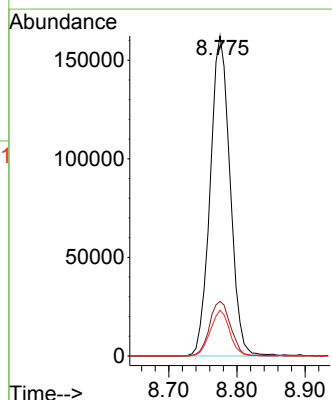
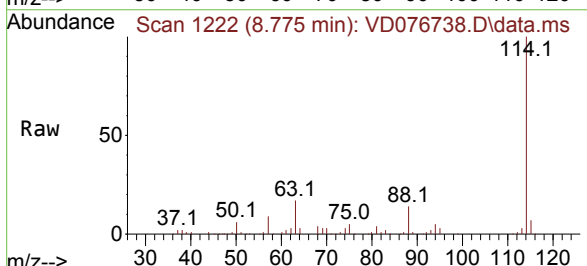
Tgt Ion: 114 Resp: 329060

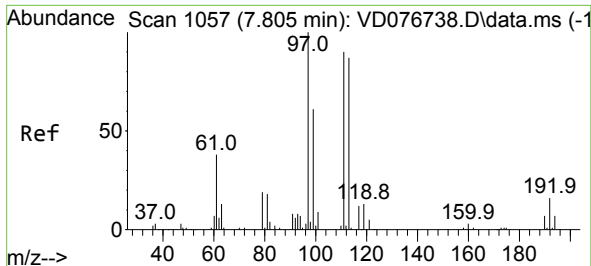
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 14.2 0.0 26.2

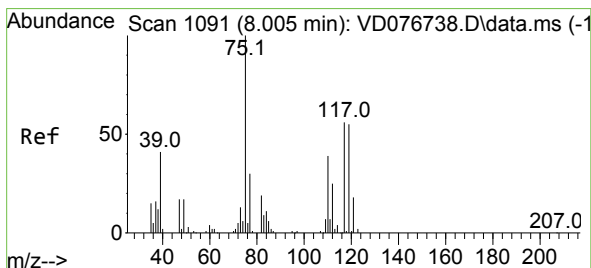
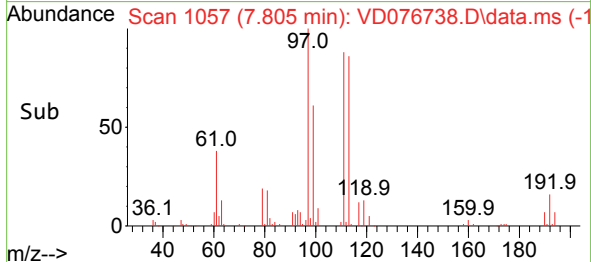
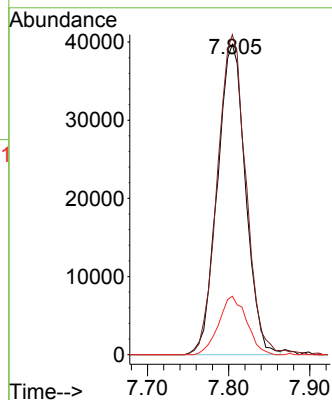
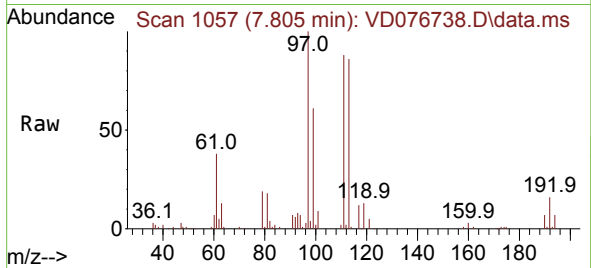




#35
Dibromofluoromethane
Concen: 45.064 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

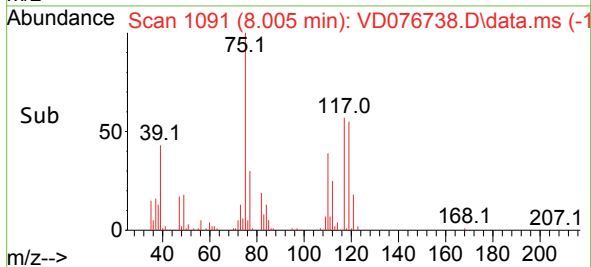
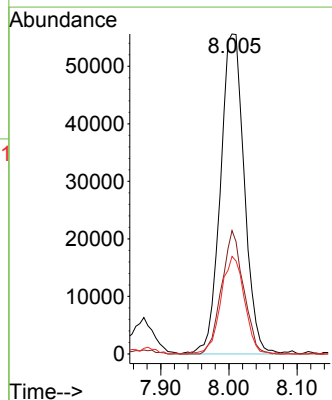
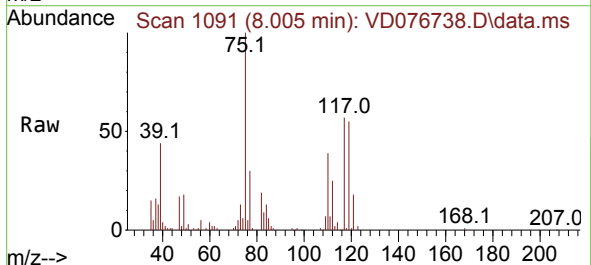
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

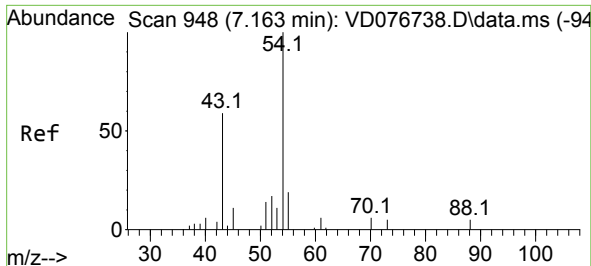
Tgt Ion:113 Resp: 95800
Ion Ratio Lower Upper
113 100
111 104.5 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.153 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: 53.878 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

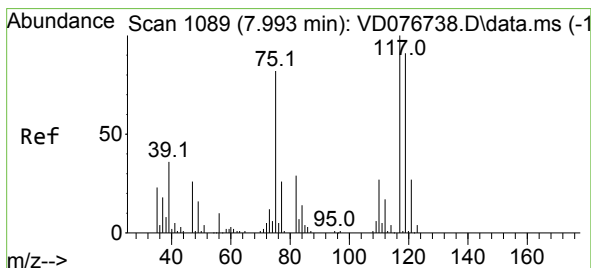
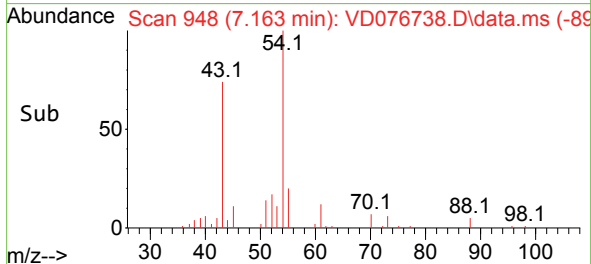
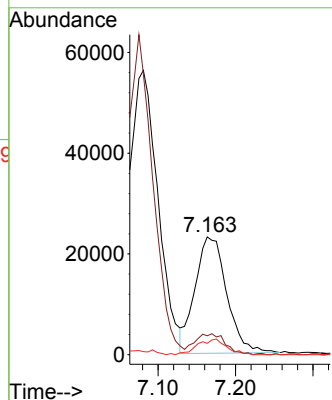
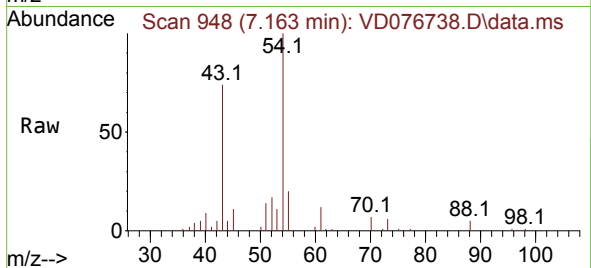
Tgt Ion: 43 Resp: 65726

Ion Ratio Lower Upper

43 100

61 17.2 14.9 22.3

70 12.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 50.234 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

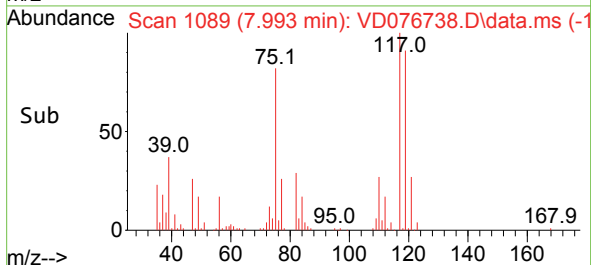
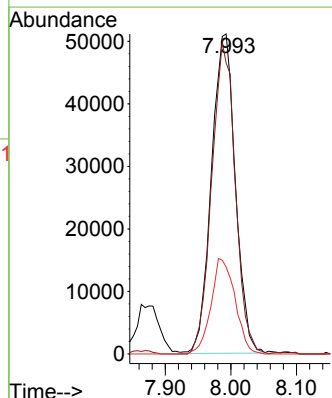
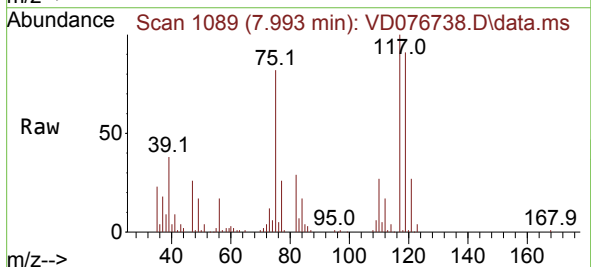
Tgt Ion: 117 Resp: 129311

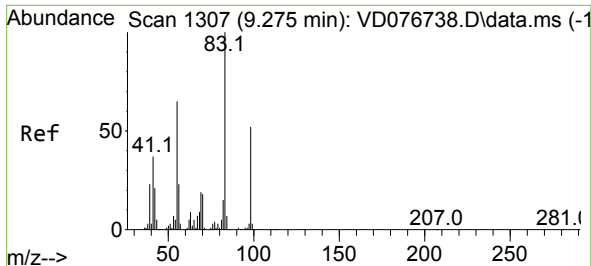
Ion Ratio Lower Upper

117 100

119 91.2 78.0 117.0

121 27.2 24.2 36.2





#39

Methylcyclohexane

Concen: 50.870 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

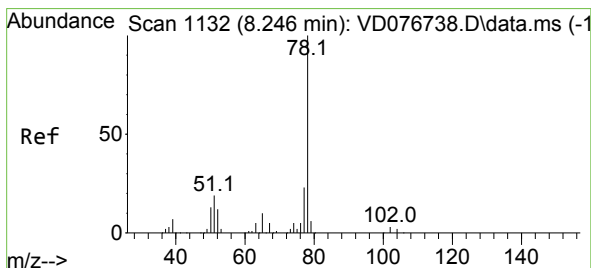
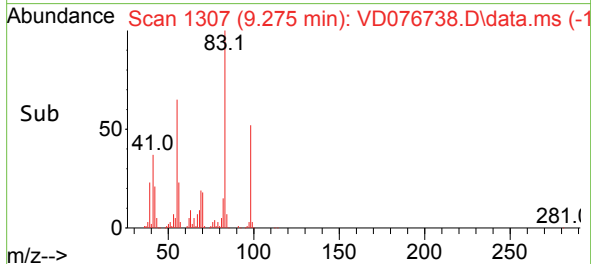
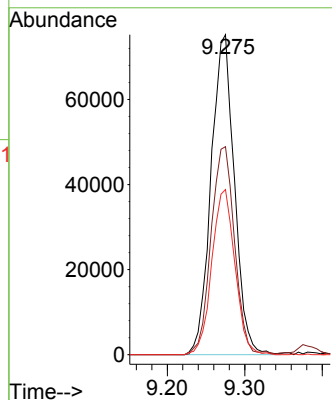
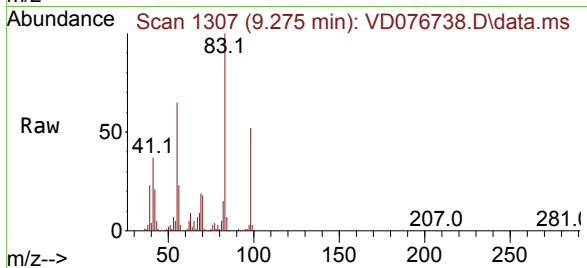
Tgt Ion: 83 Resp: 157345

Ion Ratio Lower Upper

83 100

55 65.0 49.4 74.0

98 51.6 38.4 57.6



#40

Benzene

Concen: 49.697 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD076738.D

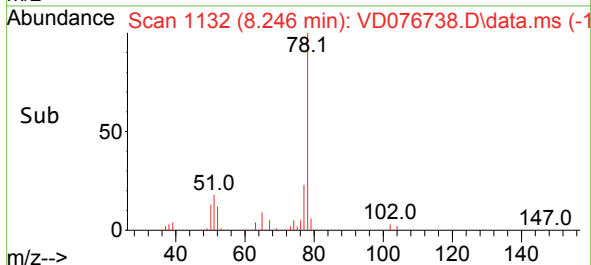
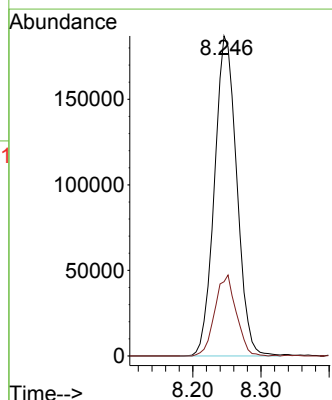
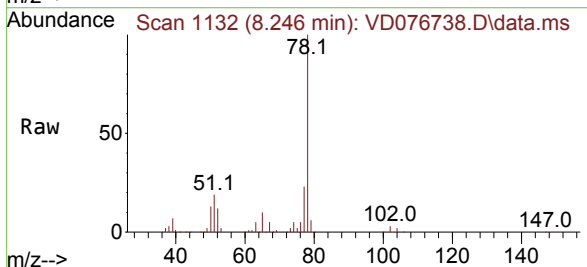
Acq: 14 Jul 2023 13:21

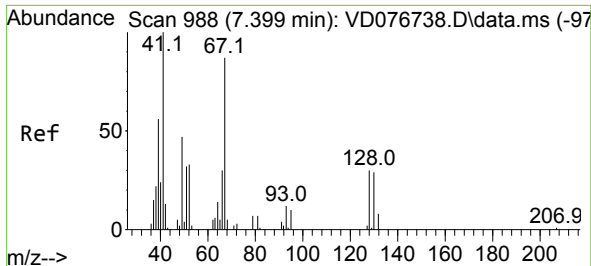
Tgt Ion: 78 Resp: 425999

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.0

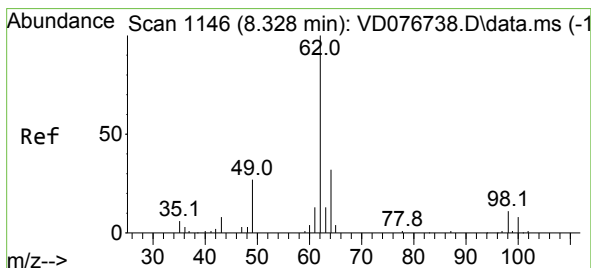
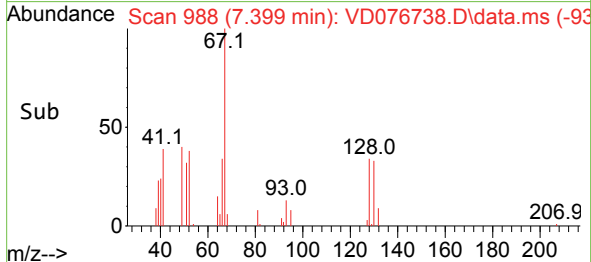
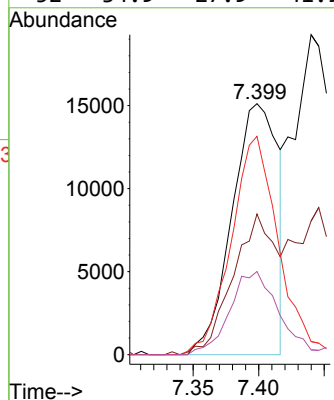
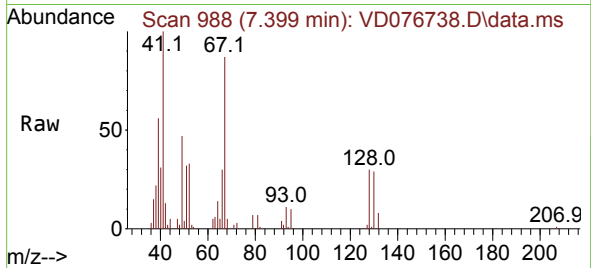




#41
Methacrylonitrile
Concen: 49.906 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

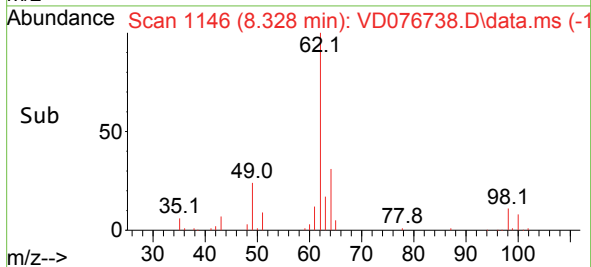
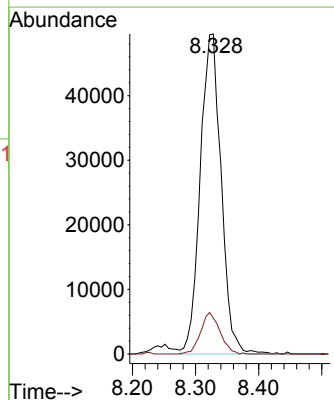
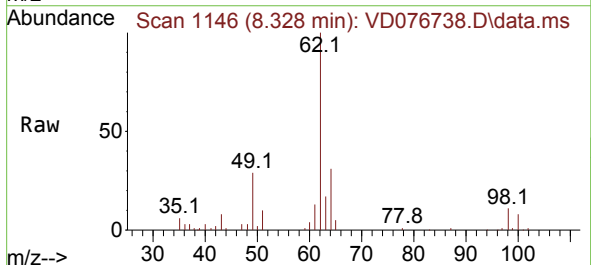
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

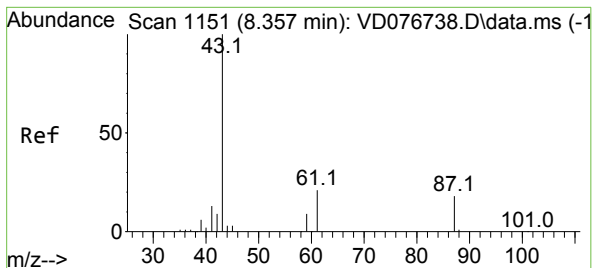
Tgt Ion: 41 Resp: 36882
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0#
67 89.1 77.0 115.4
52 34.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.828 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: 51.887 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 :

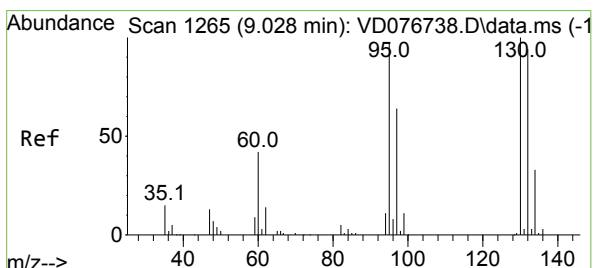
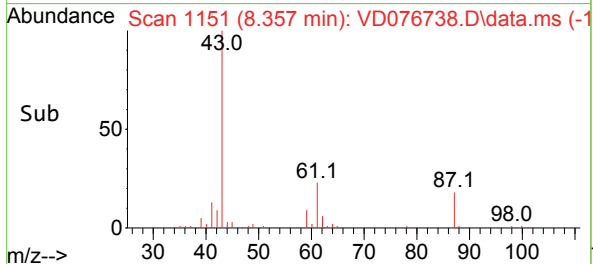
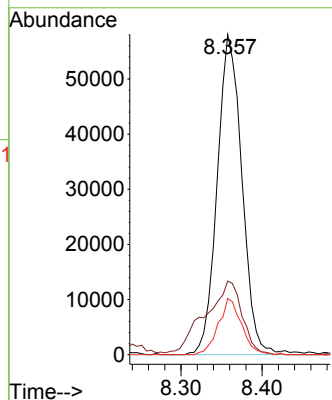
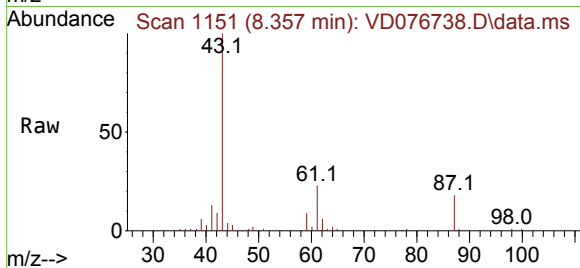
MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 122722

Ion	Ratio	Lower	Upper
43	100		
61	34.4	31.4	47.0
87	16.5	14.9	22.3



#44

Trichloroethene

Concen: 50.691 ug/l

RT: 9.028 min Scan# 1265

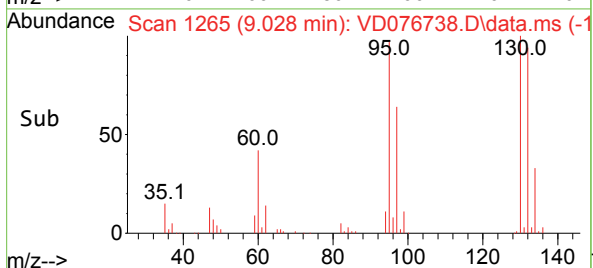
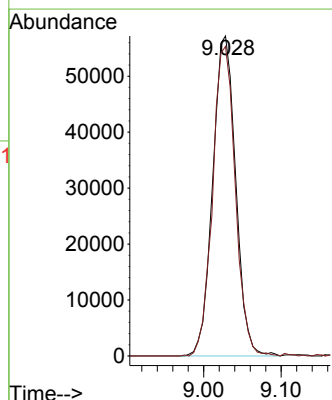
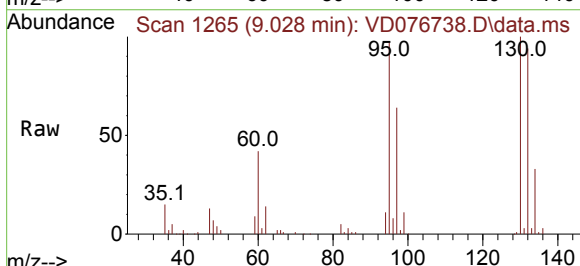
Delta R.T. 0.000 min

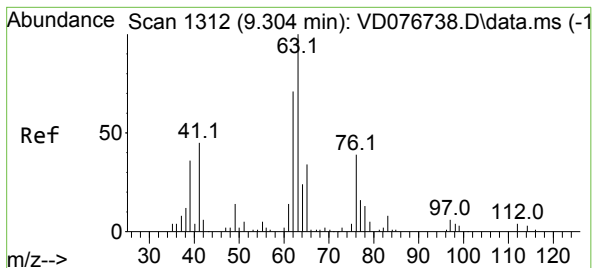
Lab File: VD076738.D

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: 53.698 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

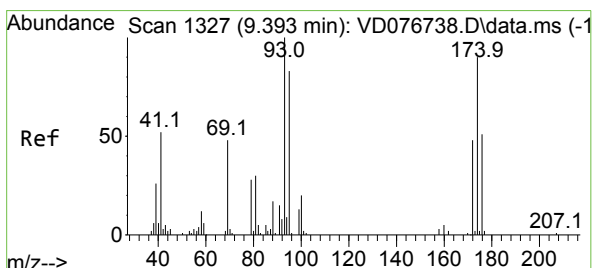
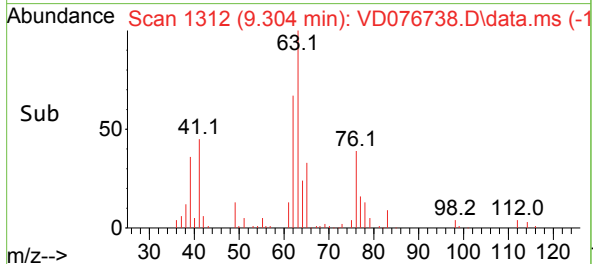
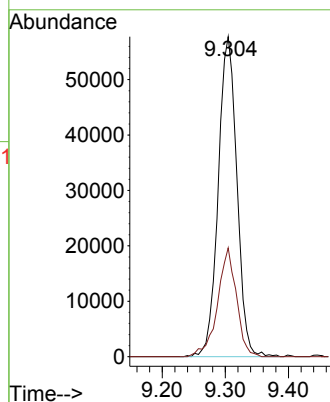
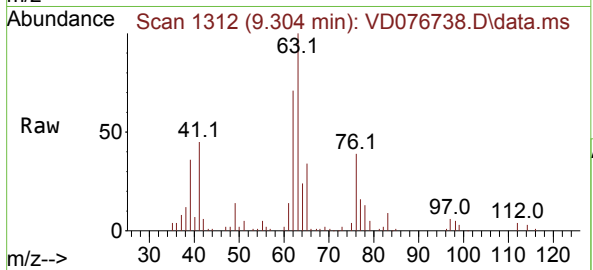
VSTDICCC050

Tgt Ion: 63 Resp: 118425

Ion Ratio Lower Upper

63 100

65 34.0 24.5 36.7



#46

Dibromomethane

Concen: 53.024 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

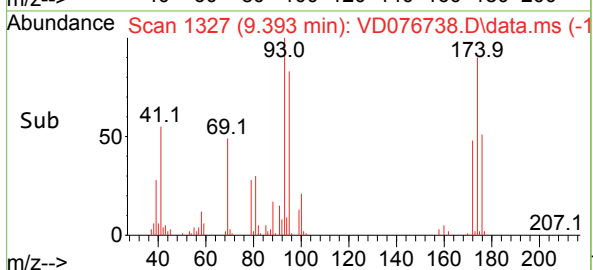
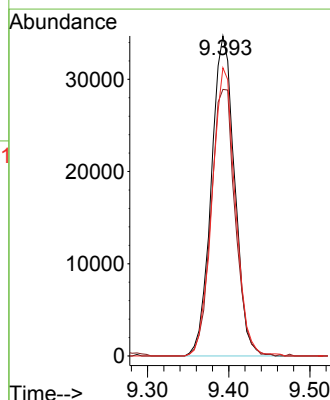
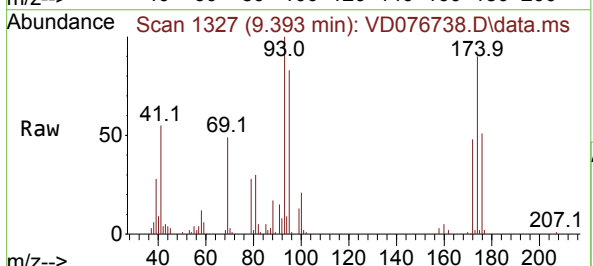
Tgt Ion: 93 Resp: 69311

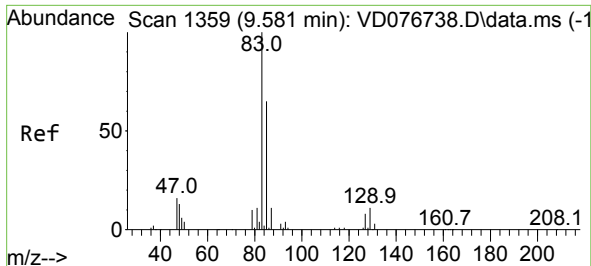
Ion Ratio Lower Upper

93 100

95 86.1 67.7 101.5

174 89.9 85.4 128.2

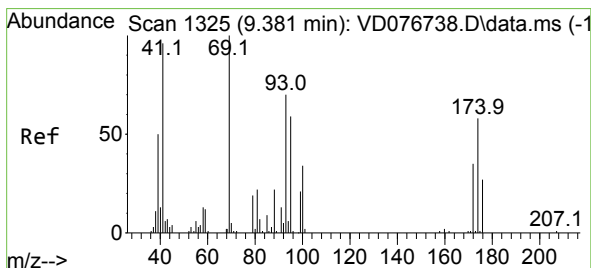
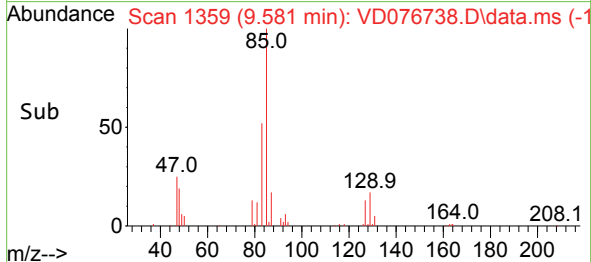
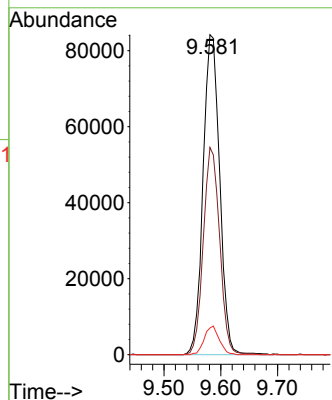
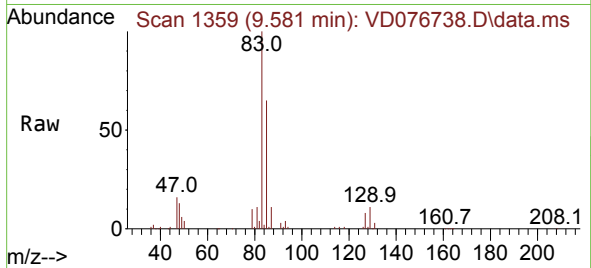




#47
 Bromodichloromethane
 Concen: 52.601 ug/l
 RT: 9.581 min Scan# 1359
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

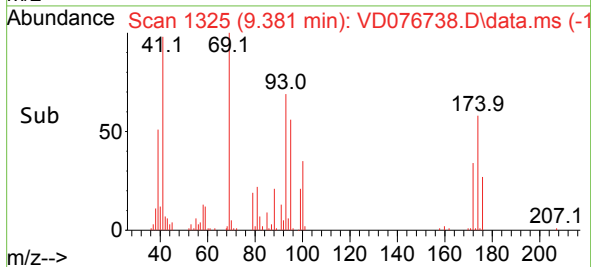
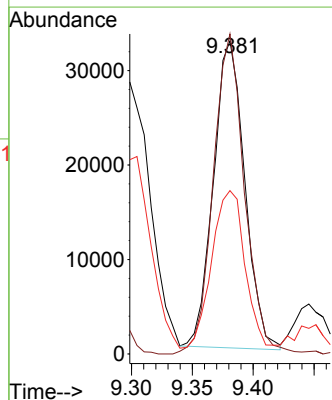
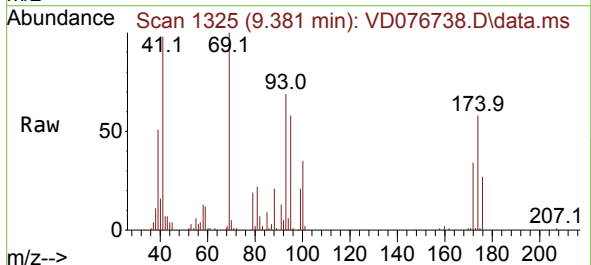
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

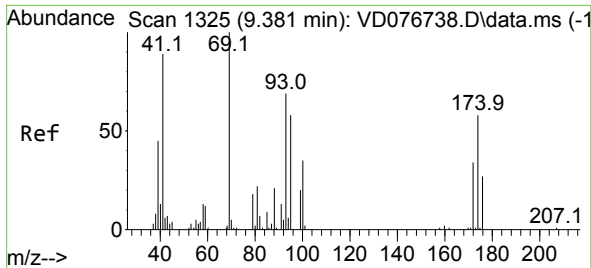
Tgt Ion: 83 Resp: 170406
 Ion Ratio Lower Upper
 83 100
 85 64.7 50.2 75.4
 127 8.4 6.3 9.5



#48
 Methyl methacrylate
 Concen: 53.567 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: 1027.695 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

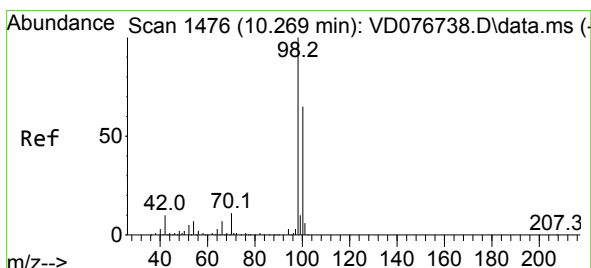
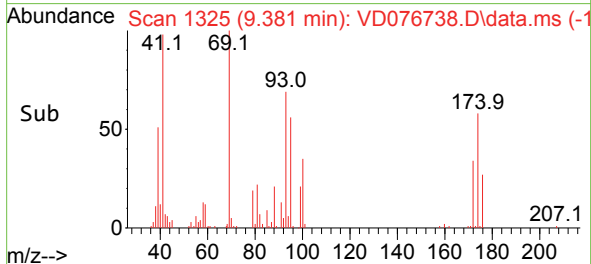
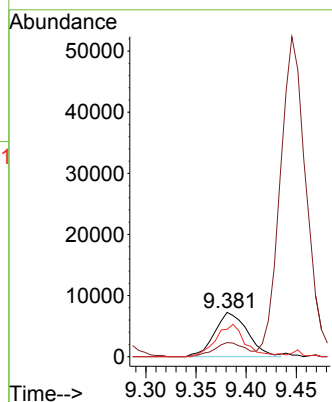
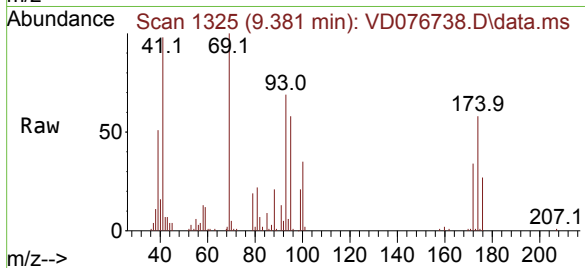
Tgt Ion: 88 Resp: 16572

Ion Ratio Lower Upper

88 100

43 29.3 19.0 28.6#

58 63.5 43.5 65.3



#50

Toluene-d8

Concen: 45.766 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076738.D

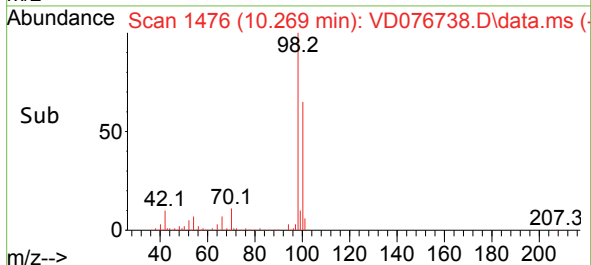
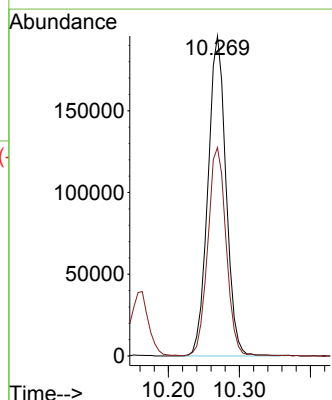
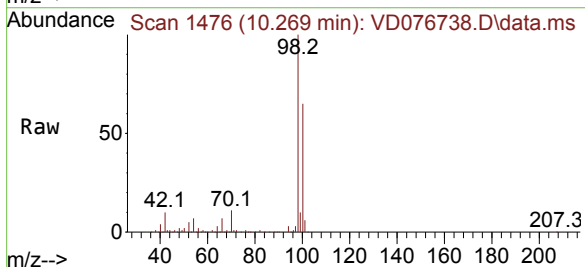
Acq: 14 Jul 2023 13:21

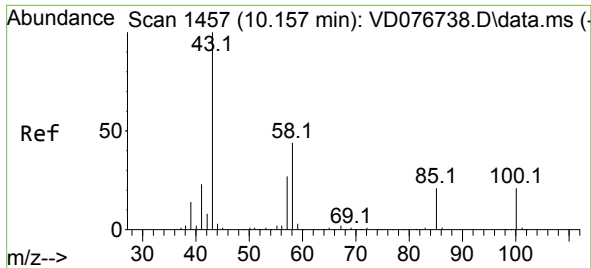
Tgt Ion: 98 Resp: 346366

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

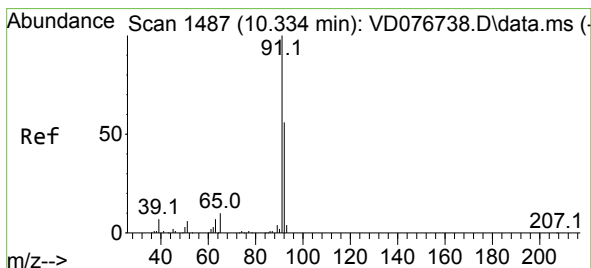
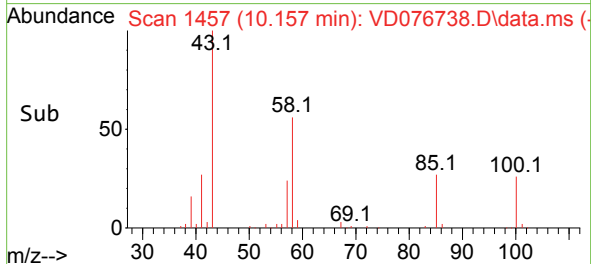
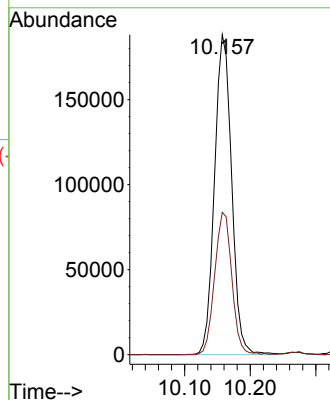
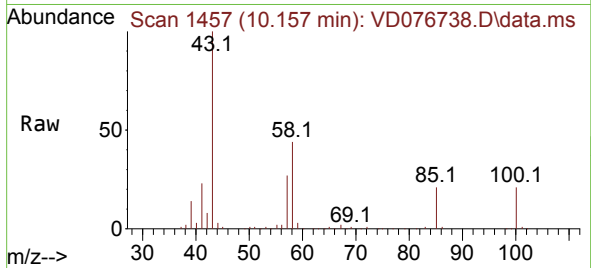




#51
4-Methyl-2-Pentanone
Concen: 269.745 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

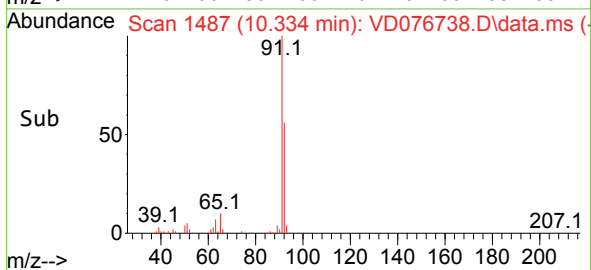
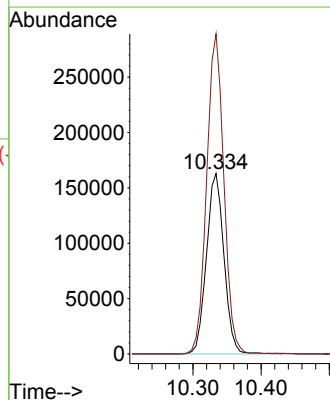
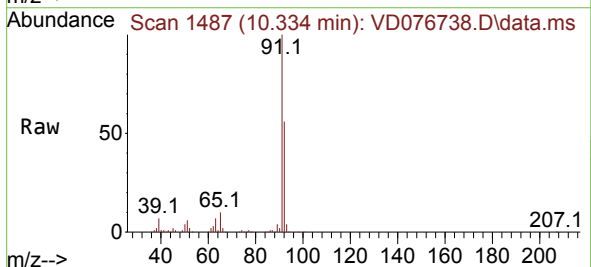
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

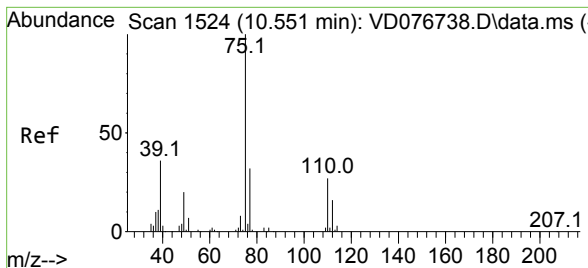
Tgt Ion: 43 Resp: 340901
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3



#52
Toluene
Concen: 51.968 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

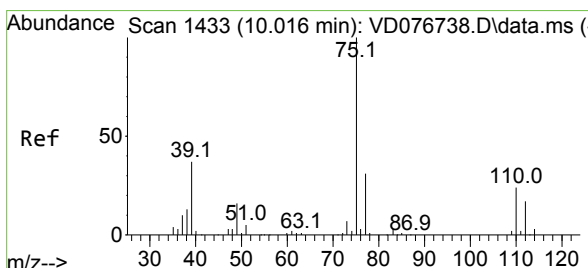
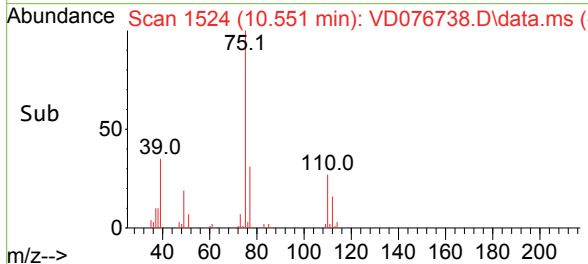
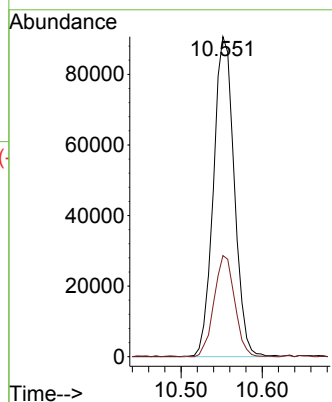
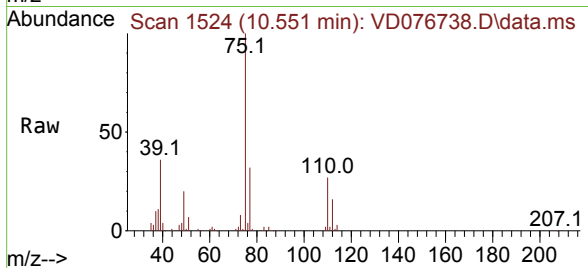




#53
 t-1,3-Dichloropropene
 Concen: 54.022 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

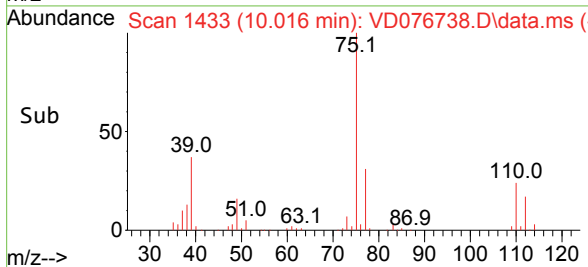
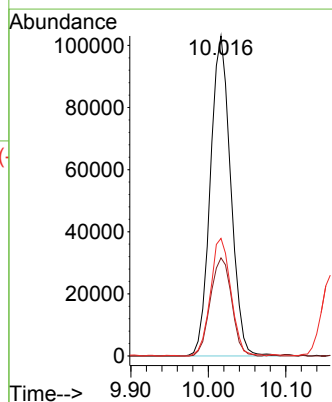
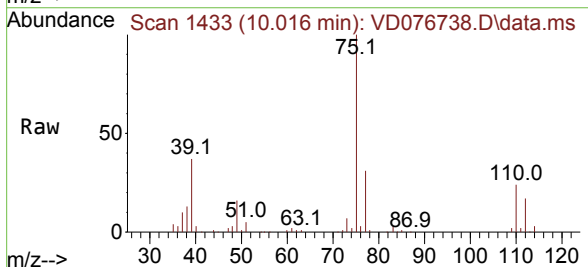
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

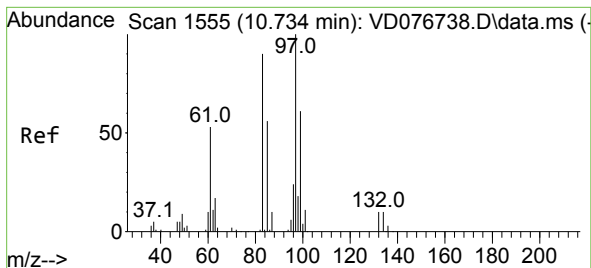
Tgt Ion: 75 Resp: 161620
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.741 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#

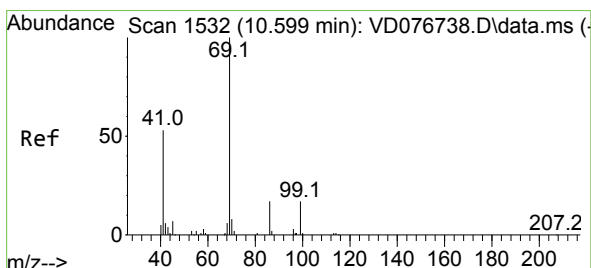
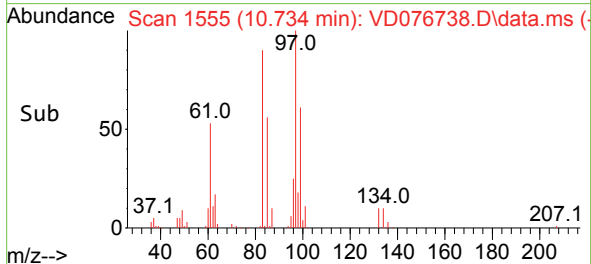
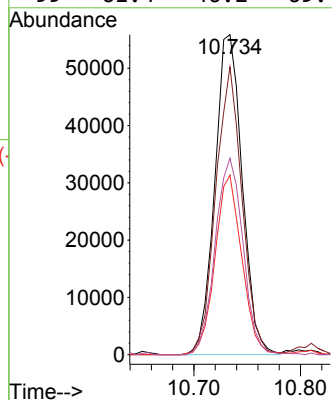
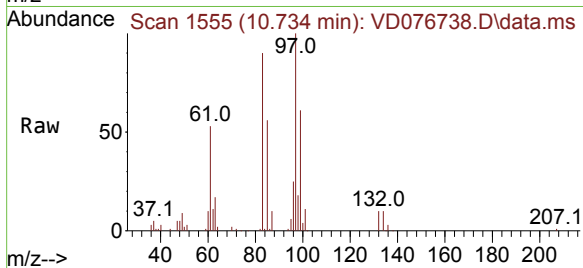




#55
1,1,2-Trichloroethane
Concen: 52.589 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

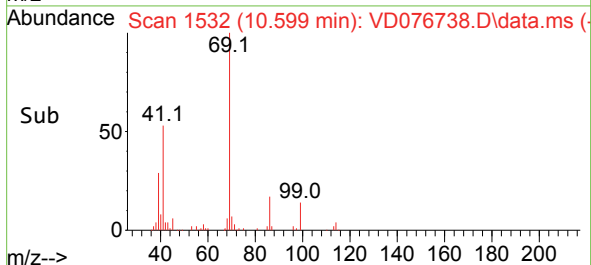
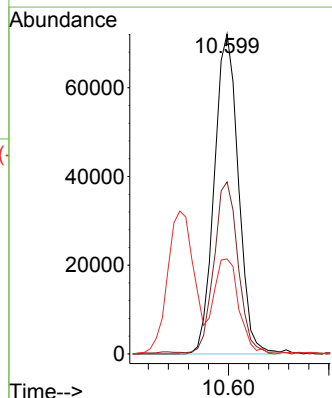
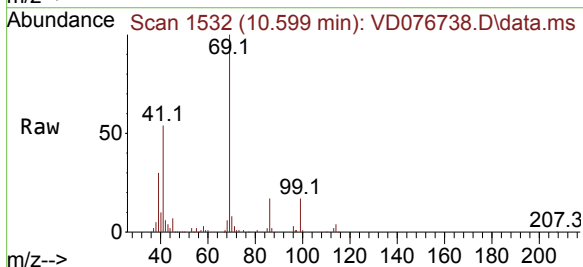
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

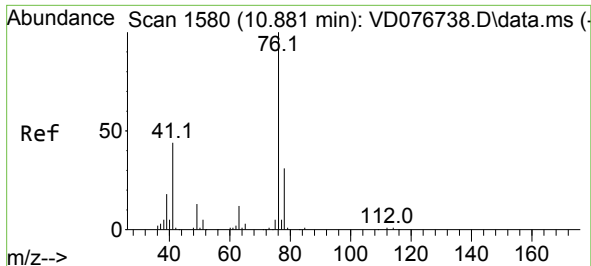
Tgt Ion:	97	Resp:	99917
Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.8	98.6
85	56.1	45.7	68.5
99	61.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 55.416 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#

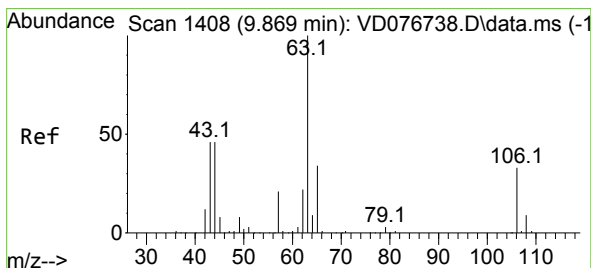
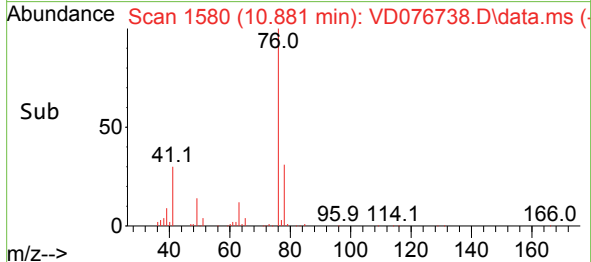
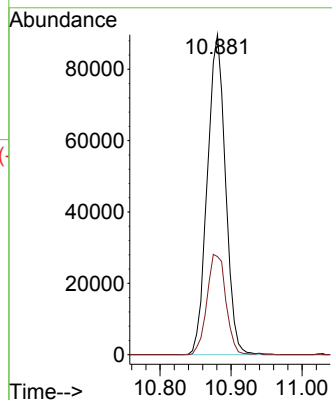
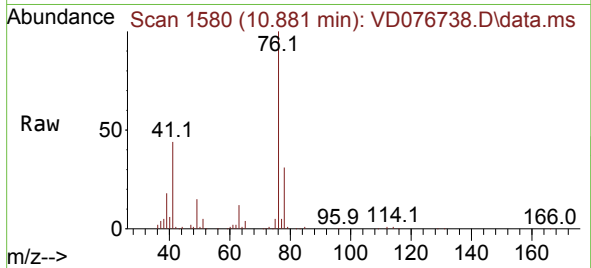




#57
1,3-Dichloropropane
Concen: 51.788 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

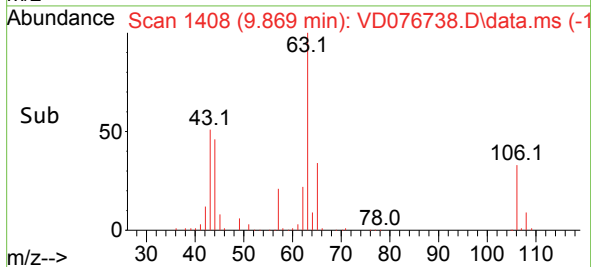
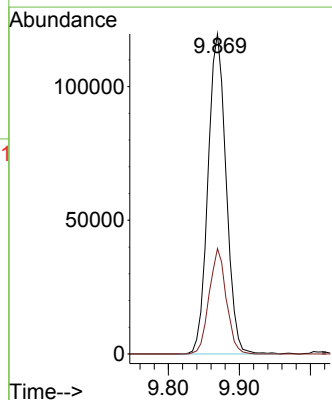
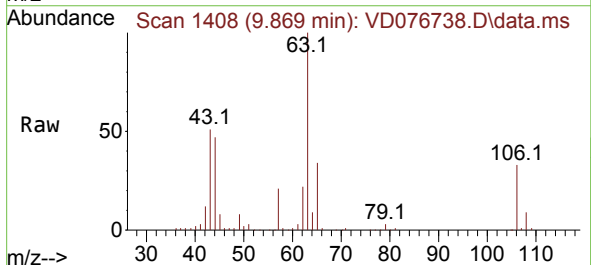
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

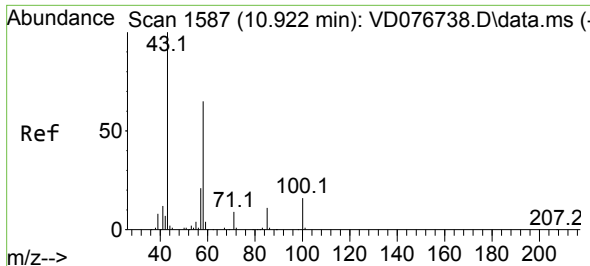
Tgt Ion: 76 Resp: 159327
Ion Ratio Lower Upper
76 100
78 32.8 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 250.049 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

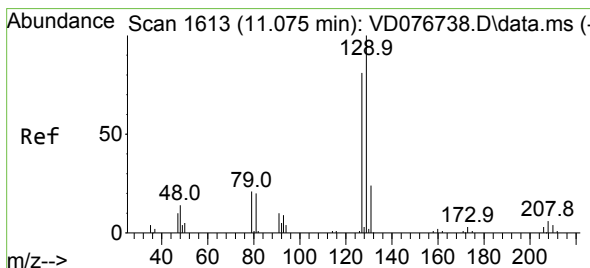
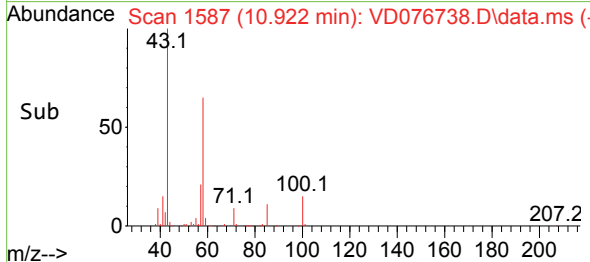
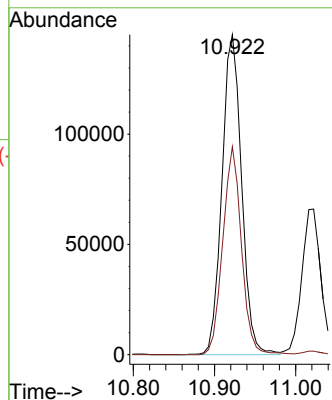
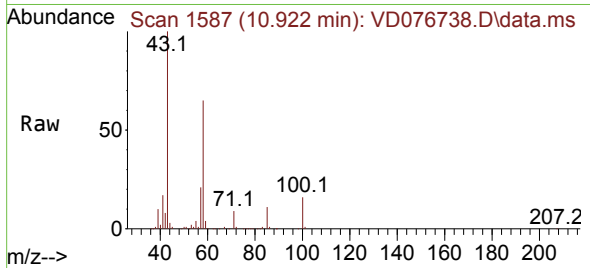




#59
2-Hexanone
Concen: 269.806 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

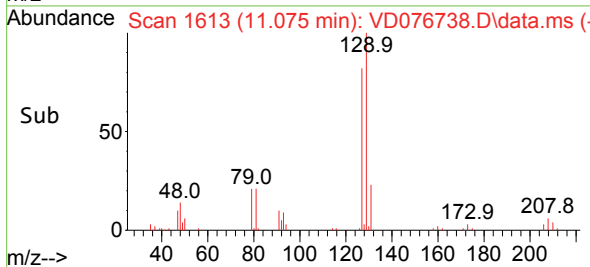
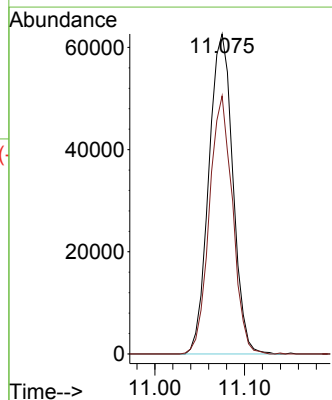
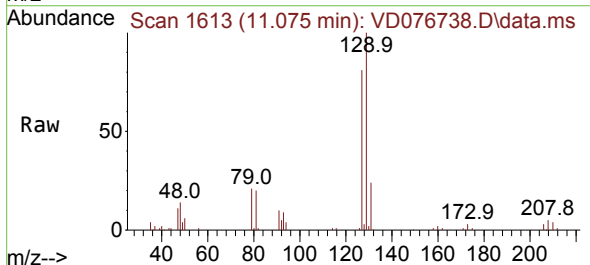
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

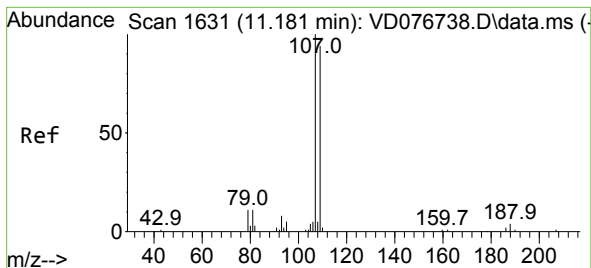
Tgt Ion: 43 Resp: 244032
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2



#60
Dibromochloromethane
Concen: 53.161 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: 53.545 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

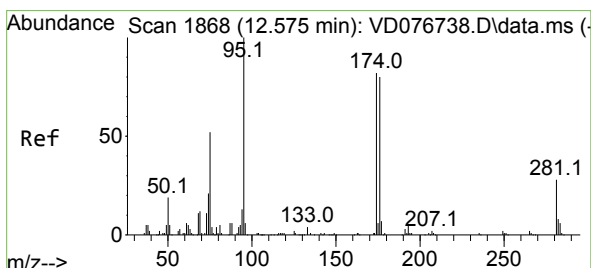
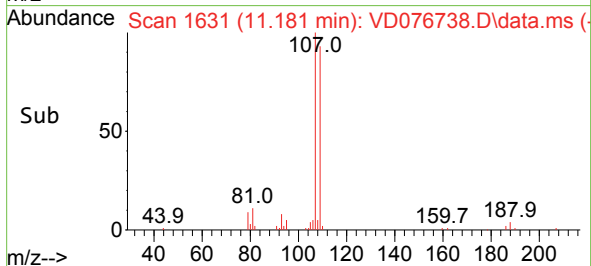
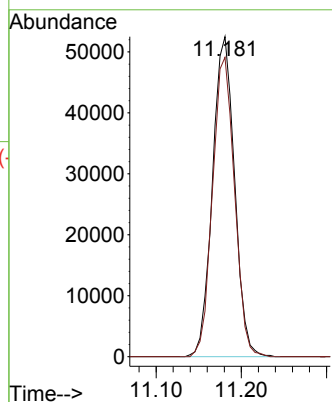
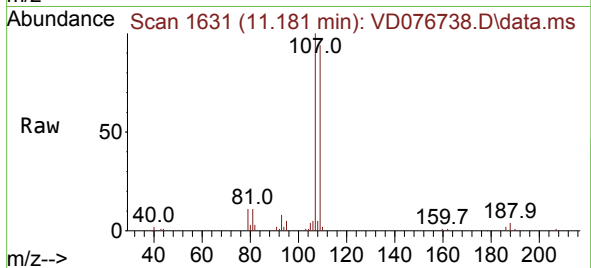
VSTDICCC050

Tgt Ion:107 Resp: 94598

Ion Ratio Lower Upper

107 100

109 93.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.677 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

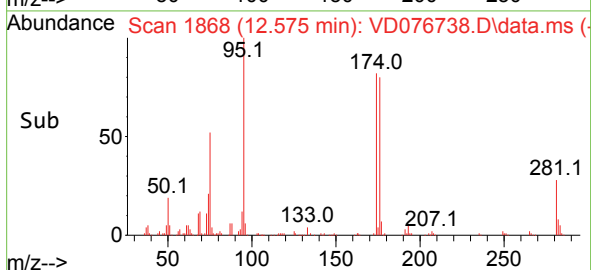
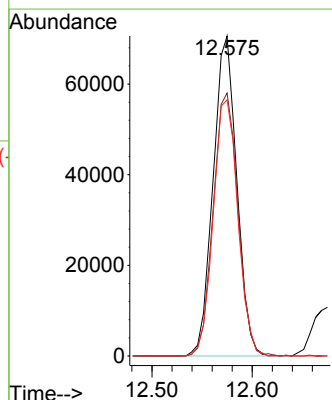
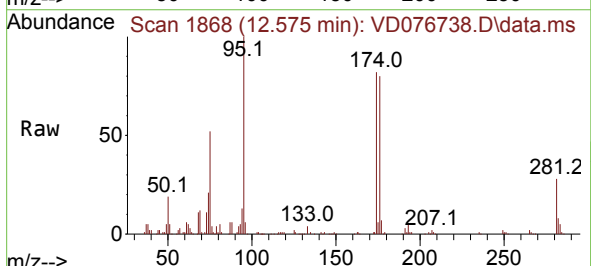
Tgt Ion: 95 Resp: 115426

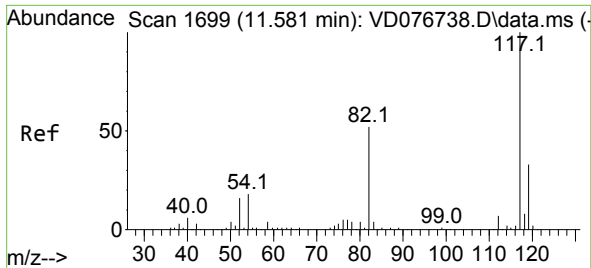
Ion Ratio Lower Upper

95 100

174 85.8 0.0 201.8

176 83.1 0.0 191.8

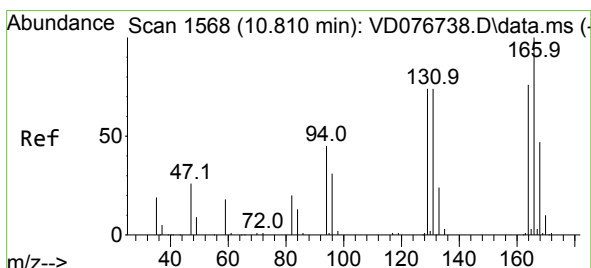
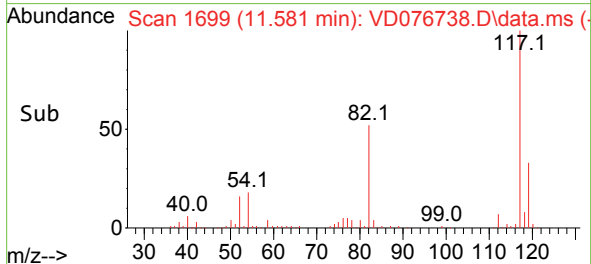
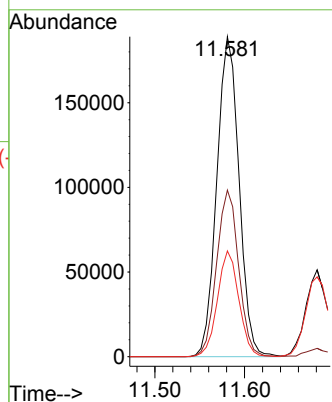
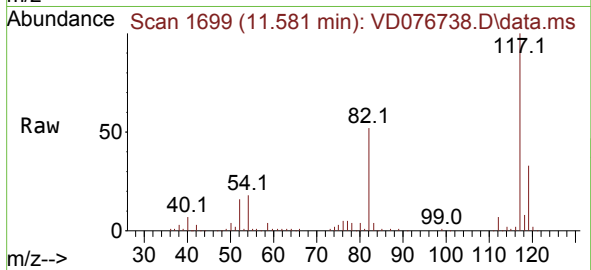




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

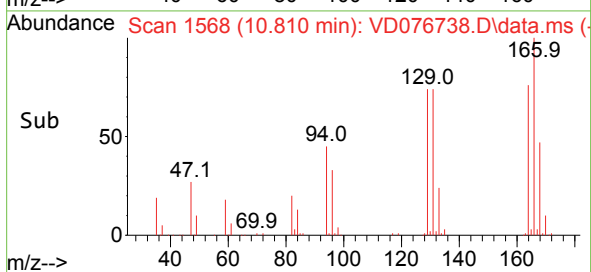
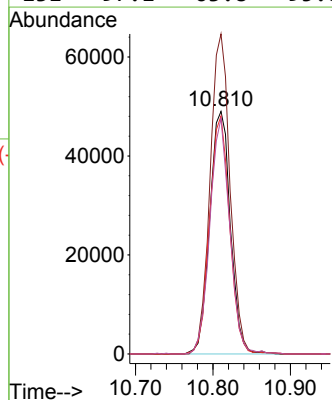
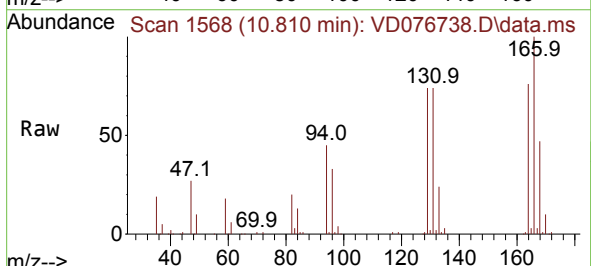
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

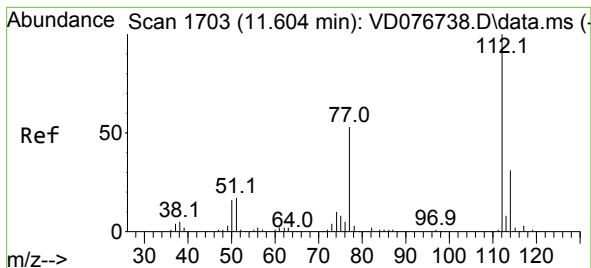
Tgt Ion:117 Resp: 325327
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 33.1 25.0 37.4



#64
Tetrachloroethene
Concen: 49.340 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#

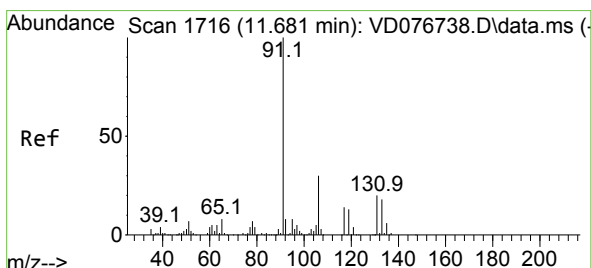
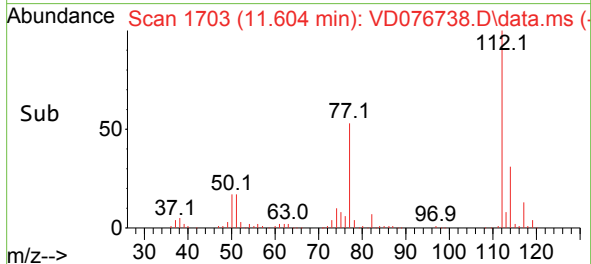
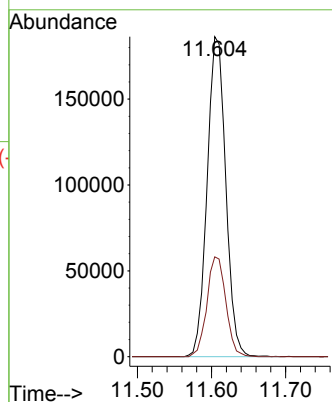
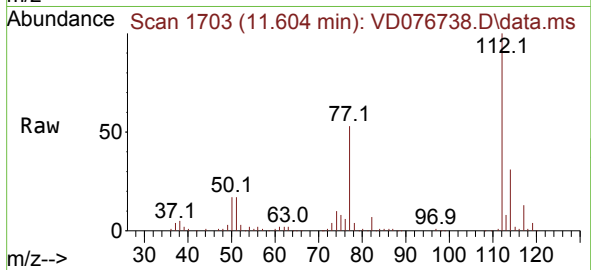




#65
Chlorobenzene
Concen: 49.433 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

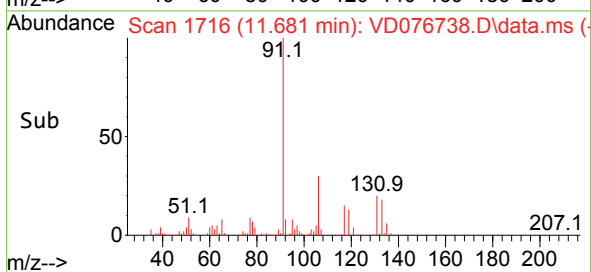
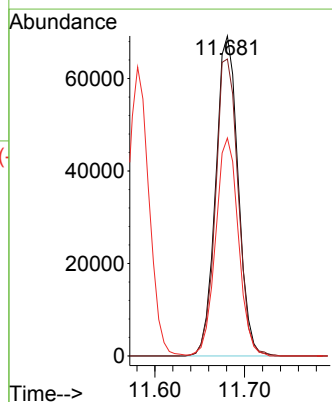
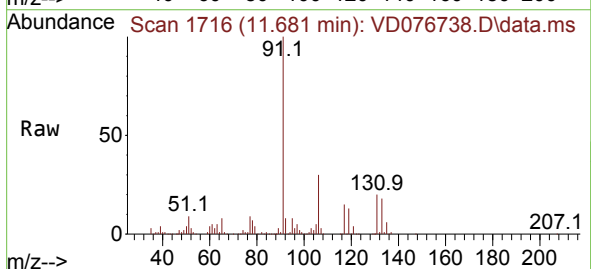
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

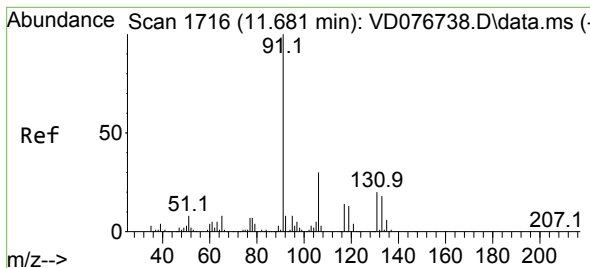
Tgt Ion:112 Resp: 325029
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.911 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: 50.073 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 :

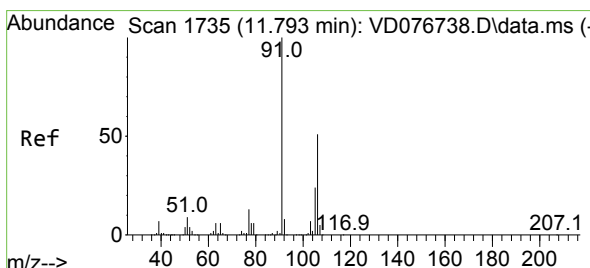
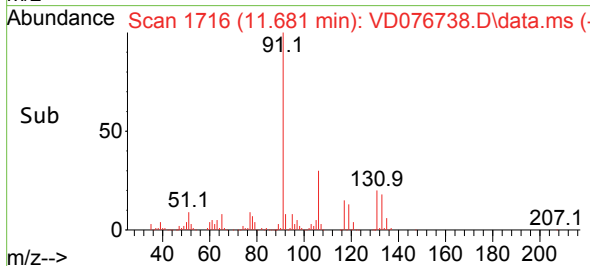
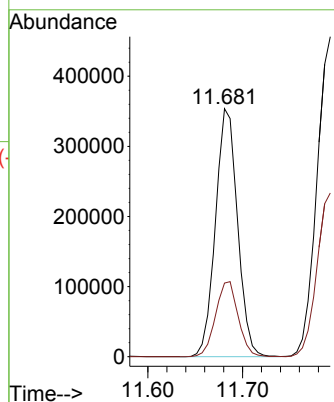
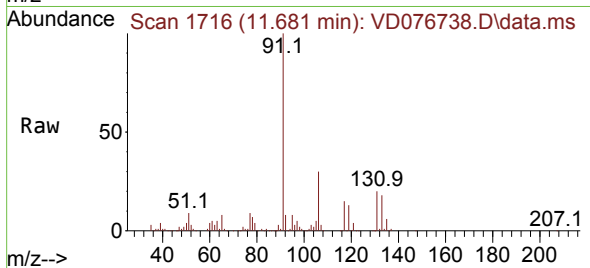
VSTDICCC050

Tgt Ion: 91 Resp: 572548

Ion Ratio Lower Upper

91 100

106 29.7 26.5 39.7



#68

m/p-Xylenes

Concen: 100.187 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076738.D

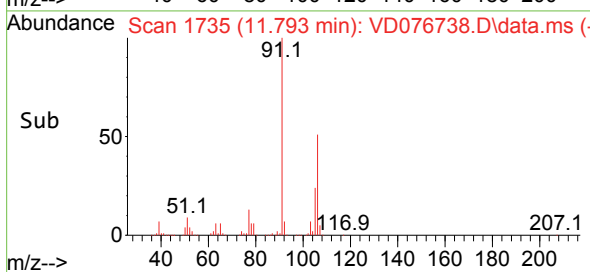
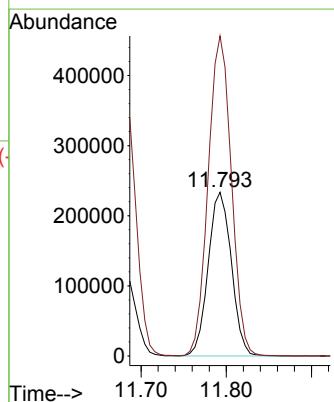
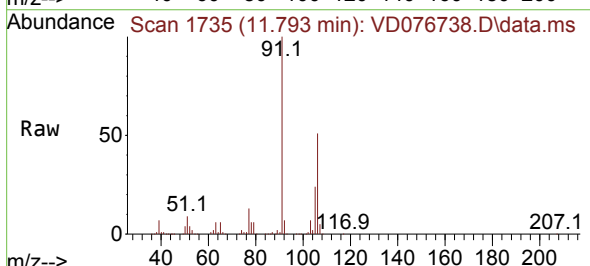
Acq: 14 Jul 2023 13:21

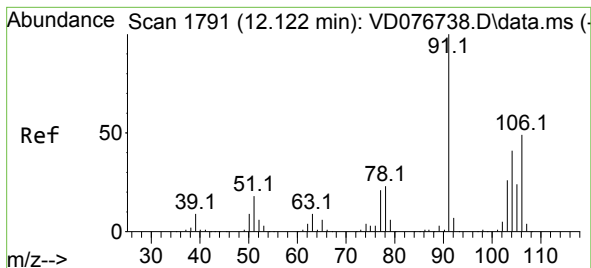
Tgt Ion:106 Resp: 440372

Ion Ratio Lower Upper

106 100

91 196.3 147.0 220.6

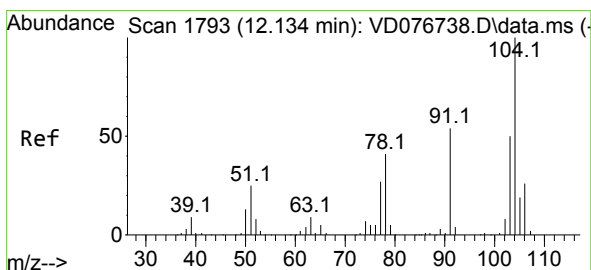
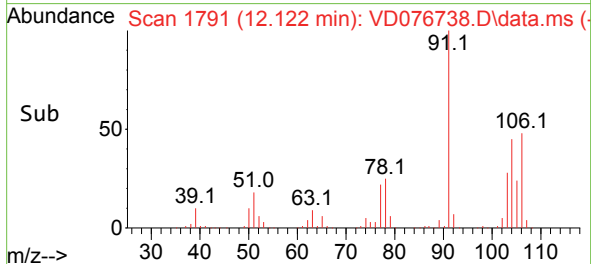
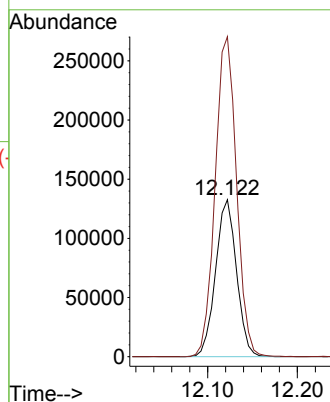
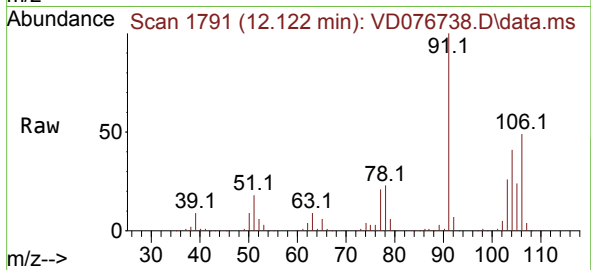




#69
o-Xylene
Concen: 51.270 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

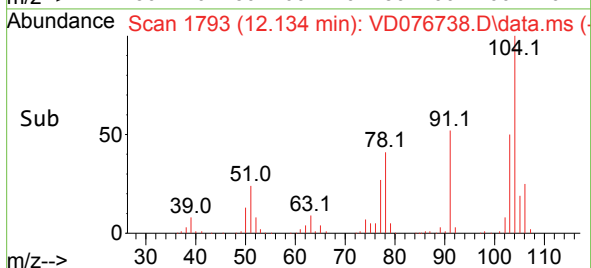
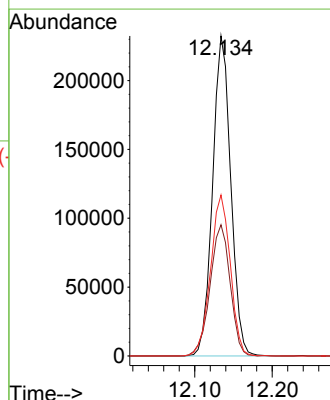
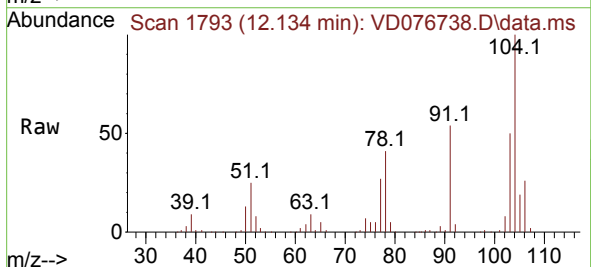
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

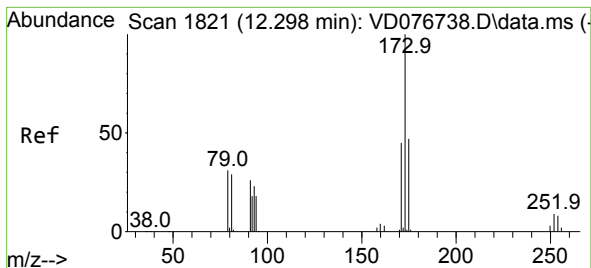
Tgt Ion:106 Resp: 215142
Ion Ratio Lower Upper
106 100
91 207.7 97.9 293.6



#70
Styrene
Concen: 51.713 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: 51.570 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

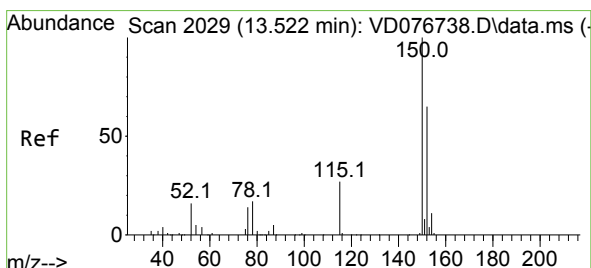
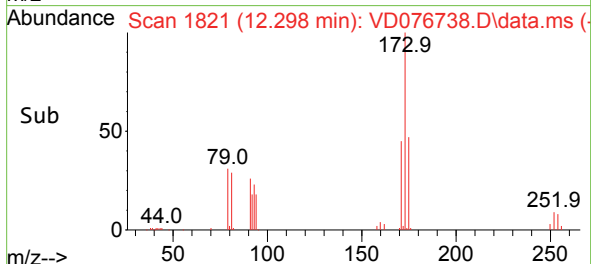
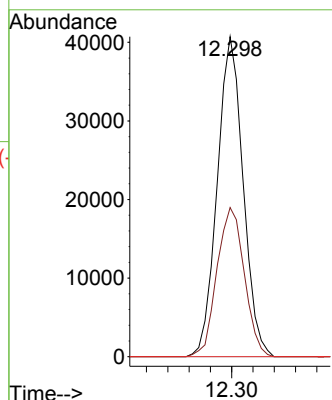
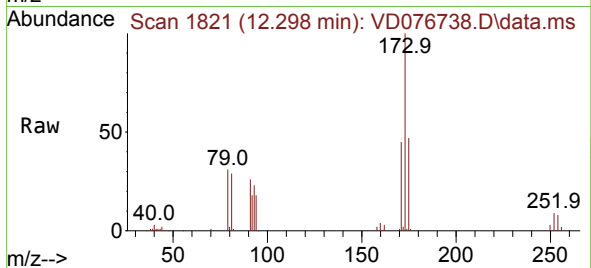
Tgt Ion:173 Resp: 68612

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.0 0.0 0.0



#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

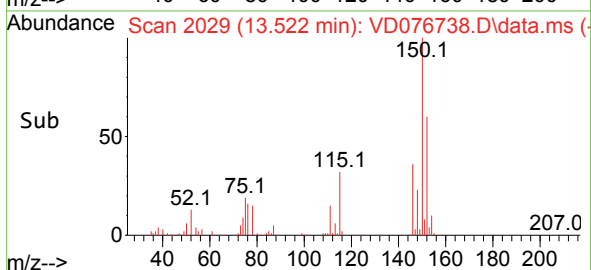
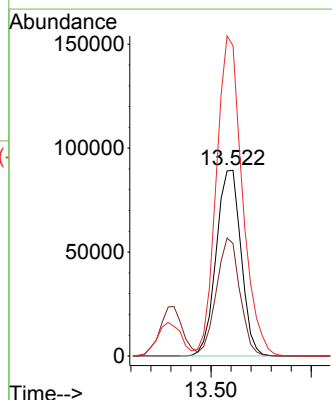
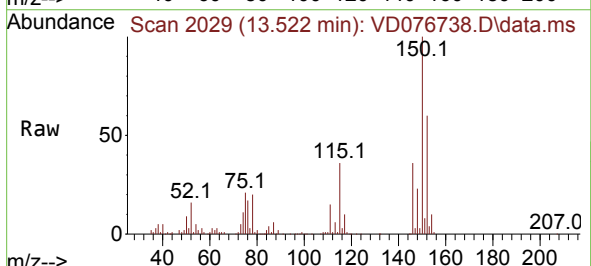
Tgt Ion:152 Resp: 153873

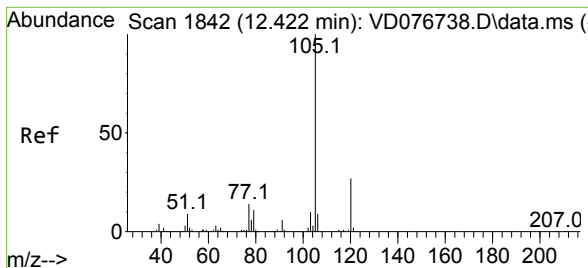
Ion Ratio Lower Upper

152 100

115 60.2 27.1 81.3

150 180.3 0.0 353.6





#73

Isopropylbenzene

Concen: 50.512 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 :

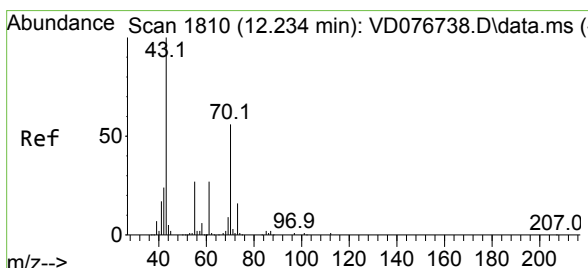
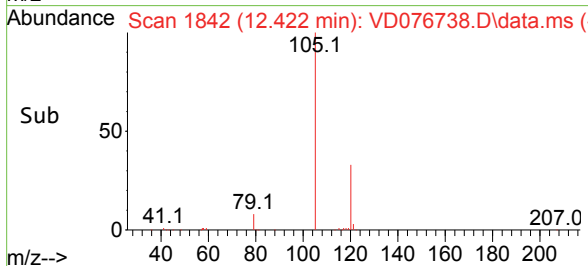
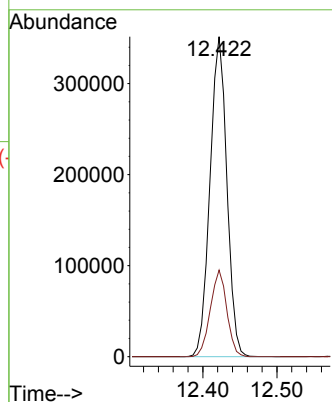
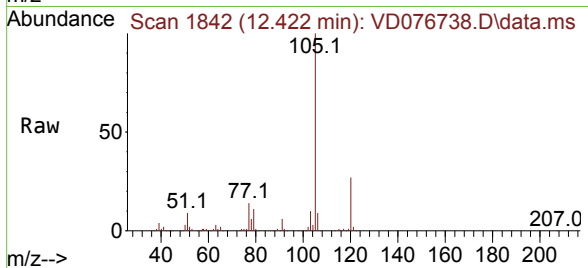
VSTDICCC050

Tgt Ion:105 Resp: 555530

Ion Ratio Lower Upper

105 100

120 26.3 14.3 42.9



#74

N-ethyl acetate

Concen: 50.147 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

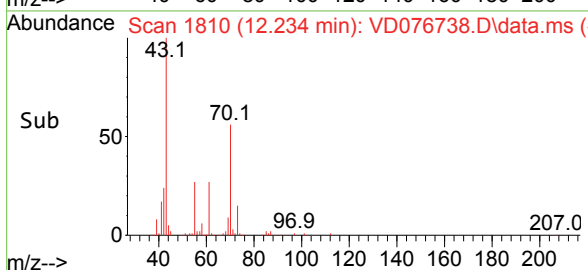
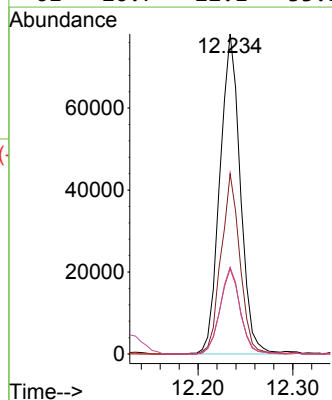
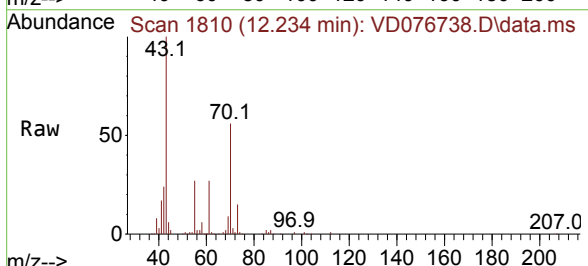
Ion Ratio Lower Upper

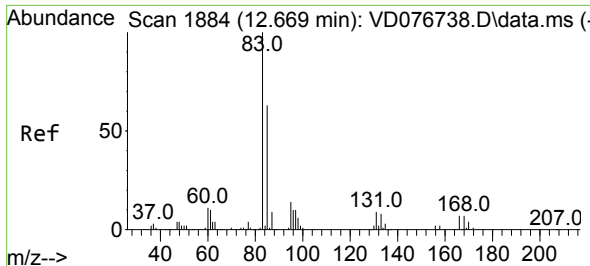
43 100

70 52.1 45.0 67.4

55 26.5 23.8 35.6

61 26.7 22.1 33.1

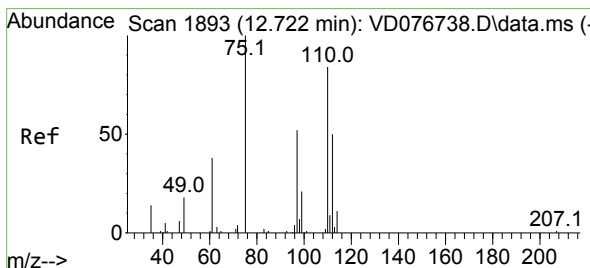
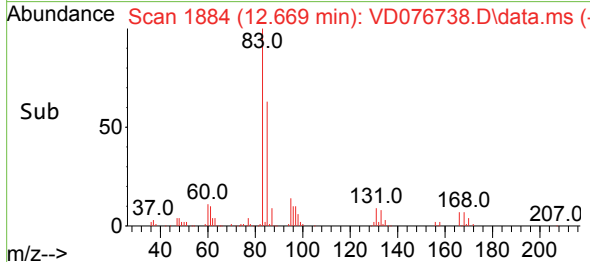
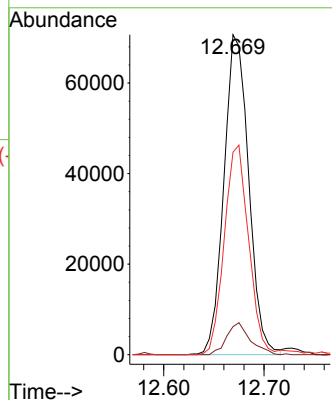
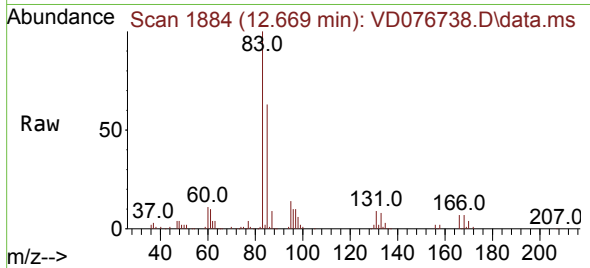




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.662 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

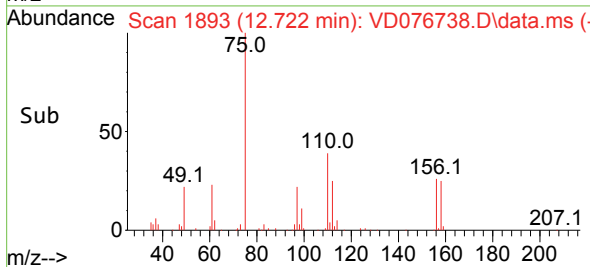
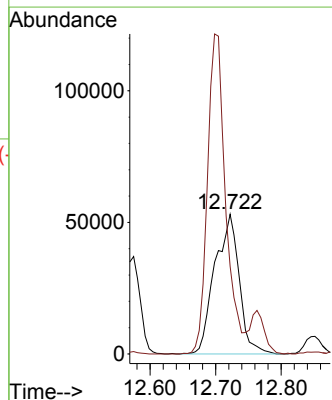
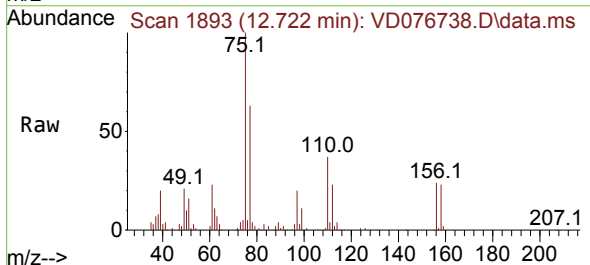
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

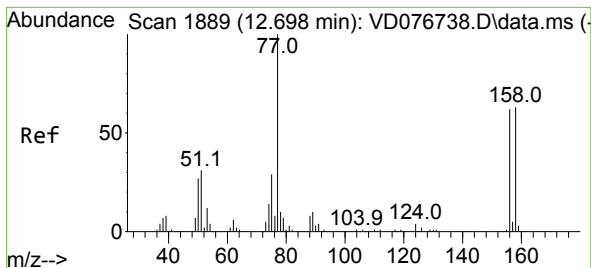
Tgt Ion: 83 Resp: 121134
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 65.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 99.995 ug/l
 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: 136949
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.705 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

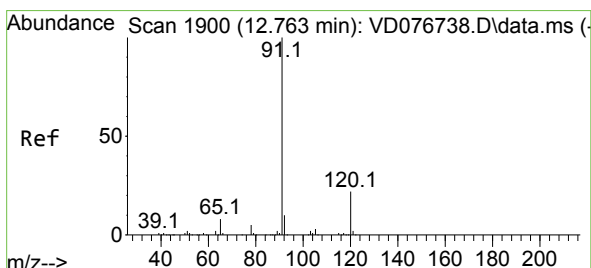
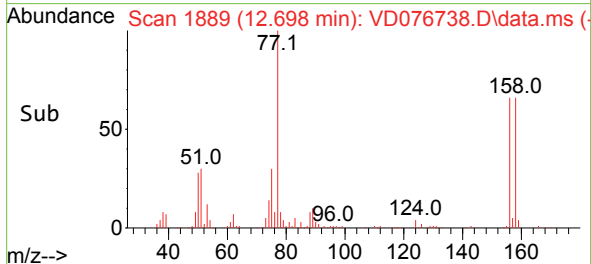
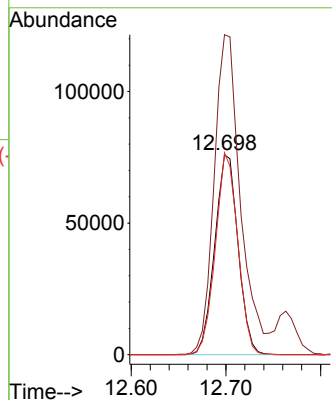
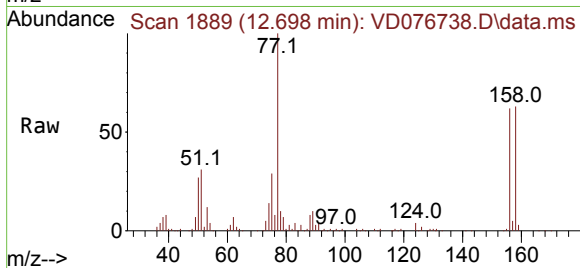
Tgt Ion:156 Resp: 130227

Ion Ratio Lower Upper

156 100

77 181.1 76.8 230.4

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 50.300 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076738.D

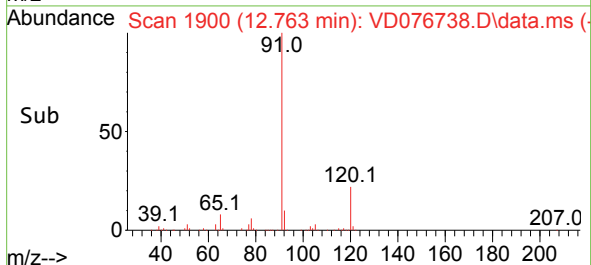
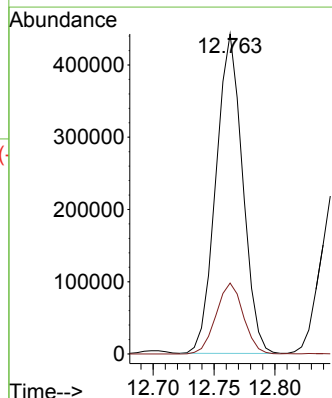
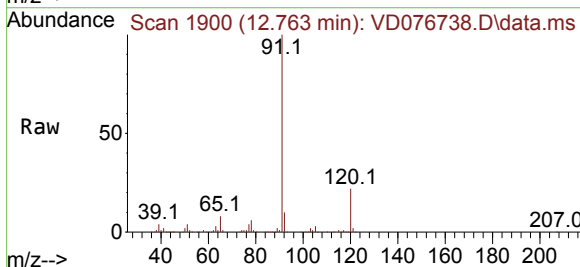
Acq: 14 Jul 2023 13:21

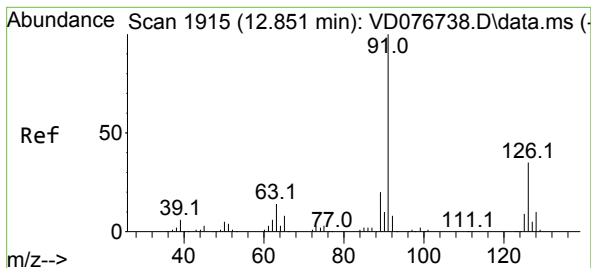
Tgt Ion: 91 Resp: 673260

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2

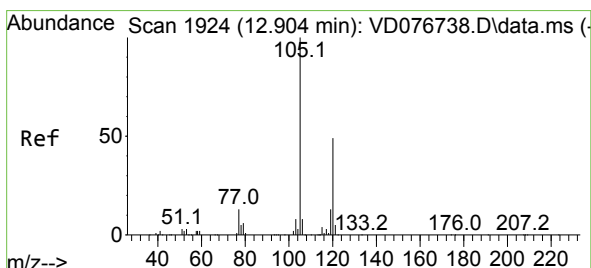
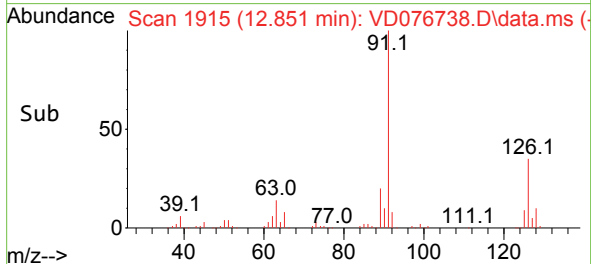
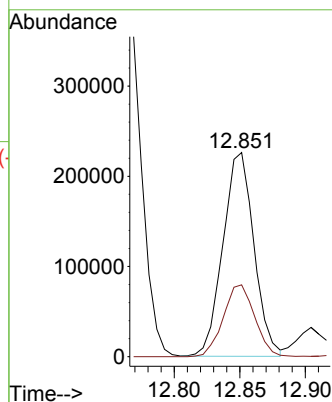
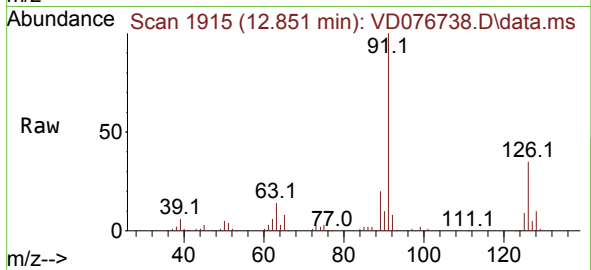




#79
2-Chlorotoluene
Concen: 50.219 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

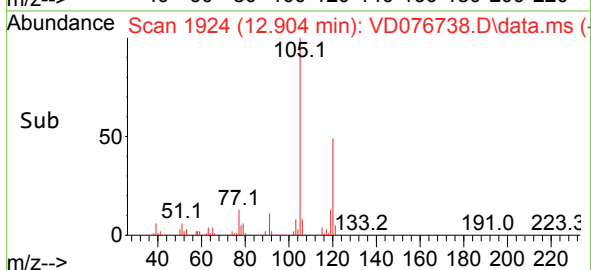
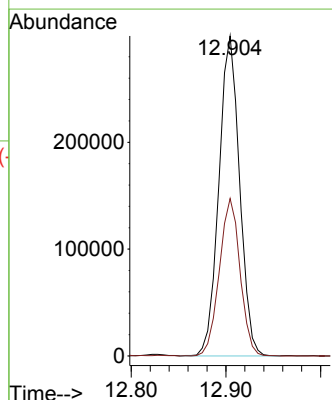
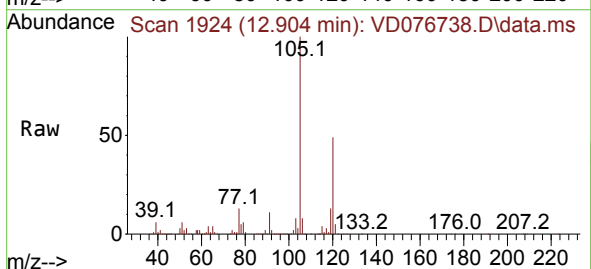
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

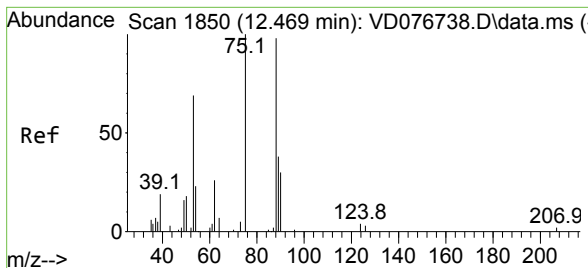
Tgt Ion: 91 Resp: 372233
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.752 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

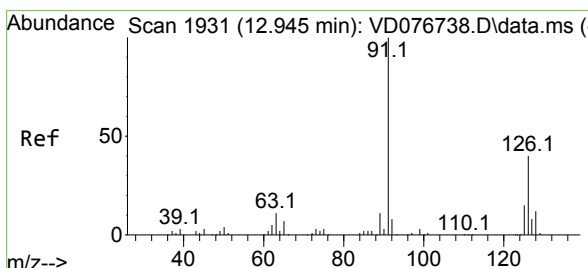
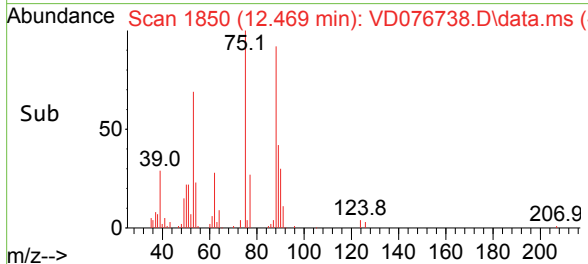
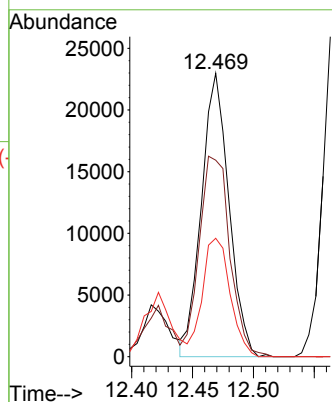
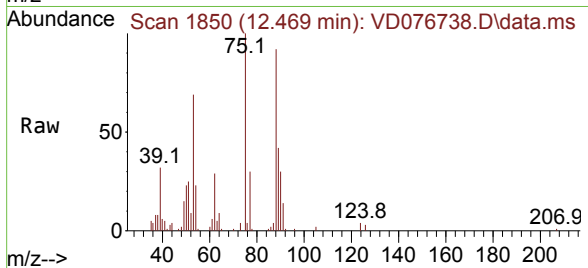




#81
trans-1,4-Dichloro-2-butene
Concen: 53.059 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

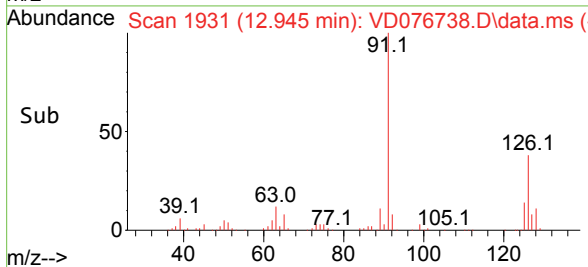
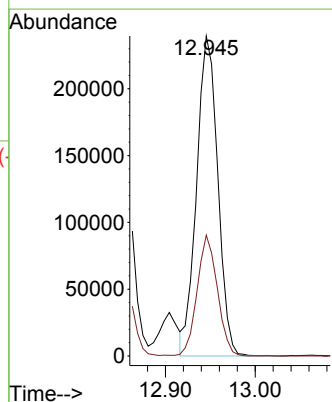
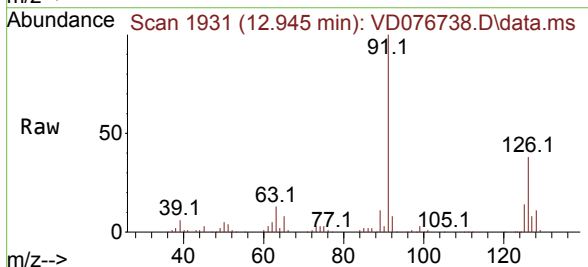
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

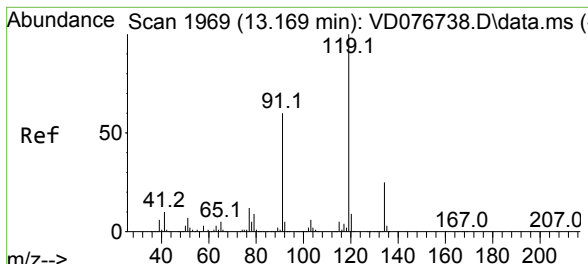
Tgt Ion: 75 Resp: 36131
Ion Ratio Lower Upper
75 100
53 78.9 63.0 94.4
89 42.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.463 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



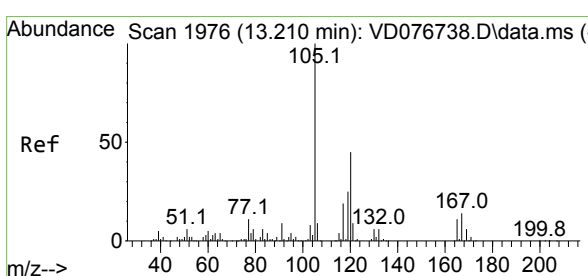
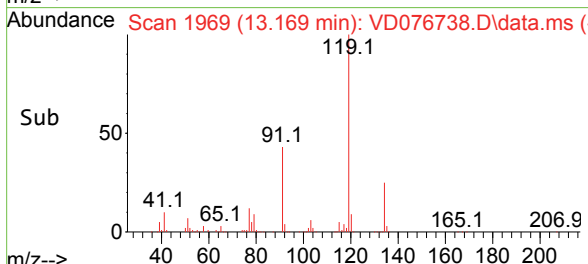
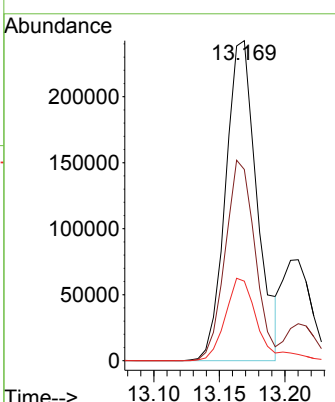
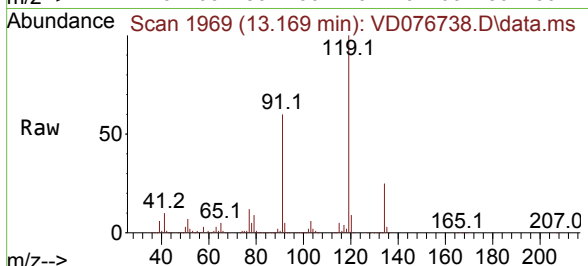


#83
 tert-Butylbenzene
 Concen: 51.086 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 403558

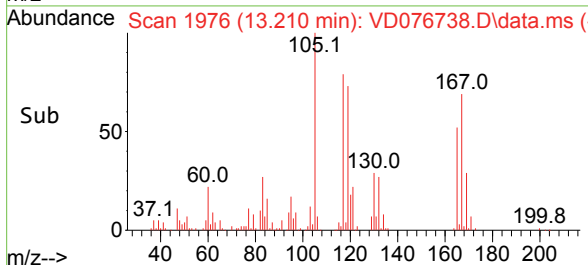
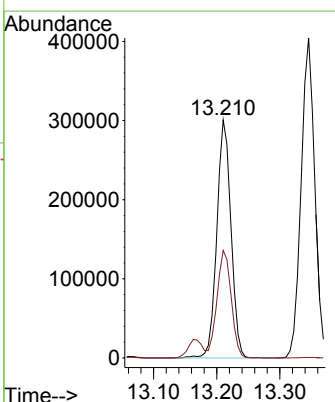
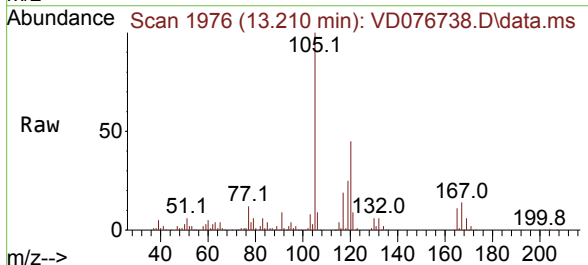
Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.3	87.8
134	26.8	14.1	42.3

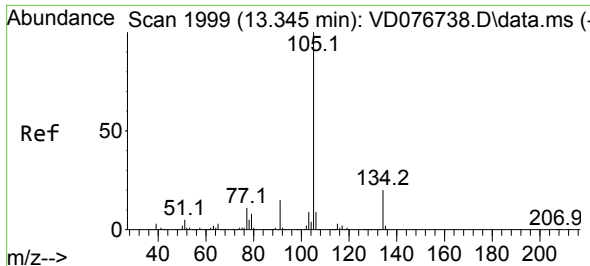


#84
 1,2,4-Trimethylbenzene
 Concen: 51.335 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

Tgt Ion:105 Resp: 468615

Ion	Ratio	Lower	Upper
105	100		
120	45.0	24.3	72.9

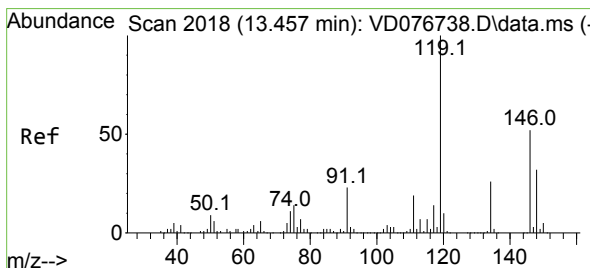
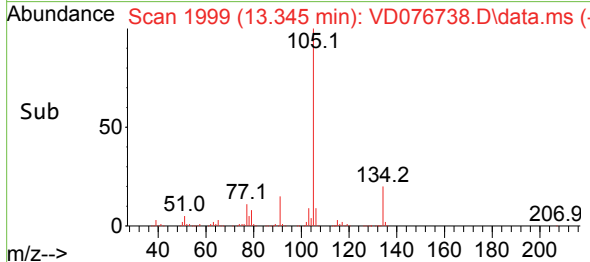
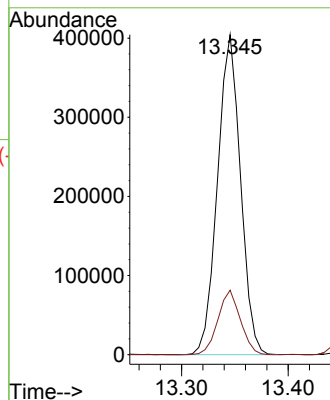
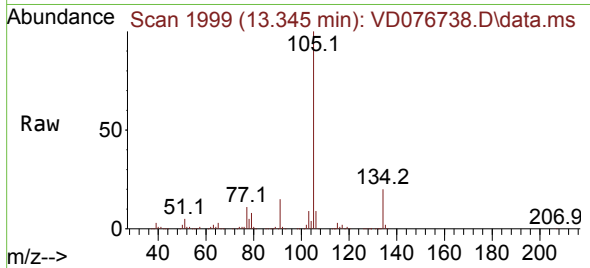




#85
 sec-Butylbenzene
 Concen: 49.992 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

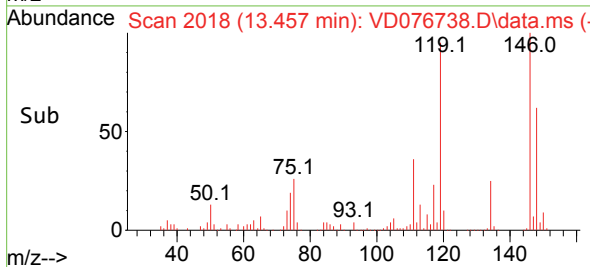
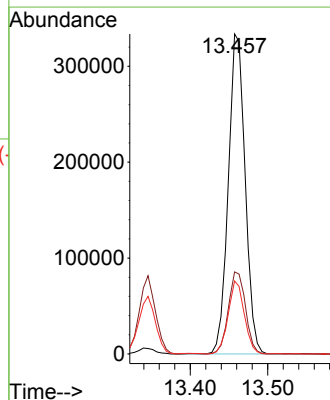
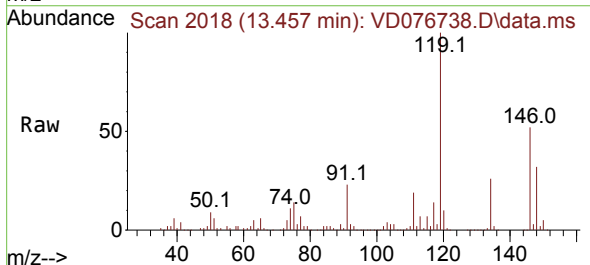
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

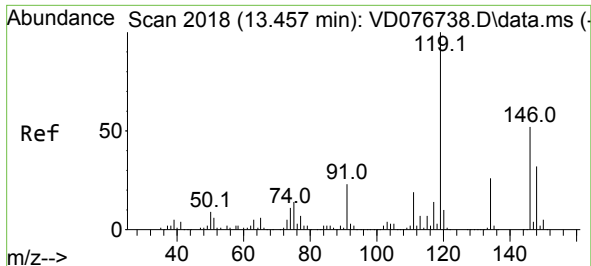
Tgt Ion:105 Resp: 605537
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.880 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

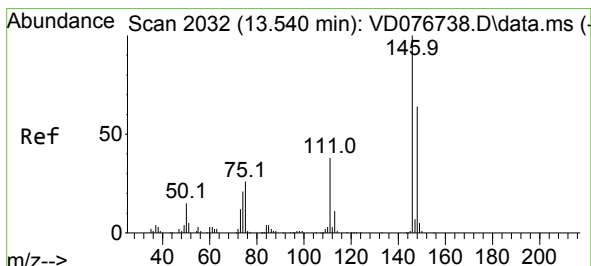
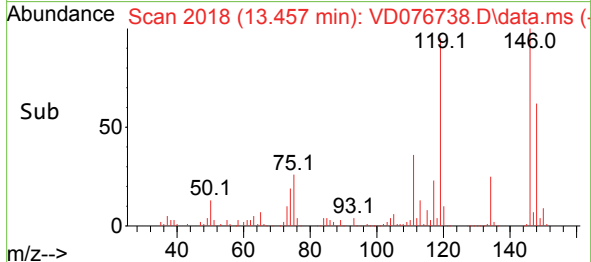
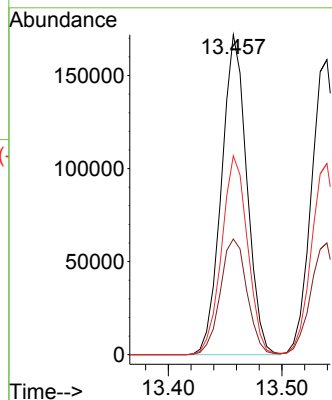
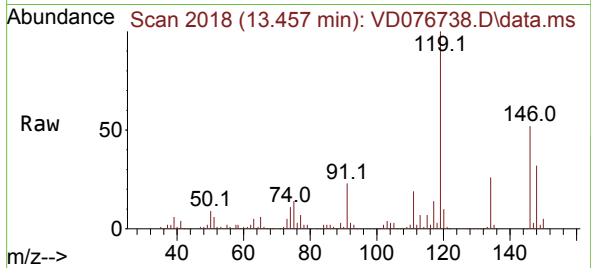




#87
1,3-Dichlorobenzene
Concen: 50.251 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

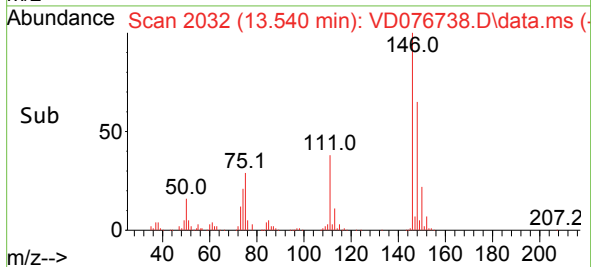
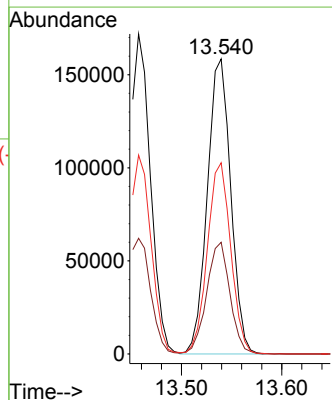
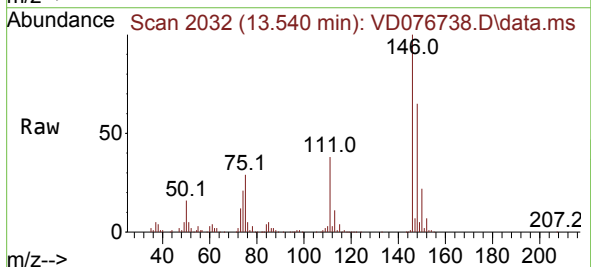
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

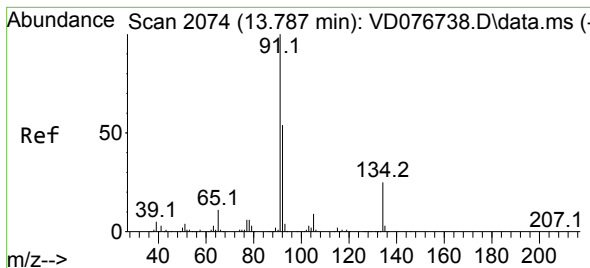
Tgt Ion:146 Resp: 267421
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 48.980 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: 50.237 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

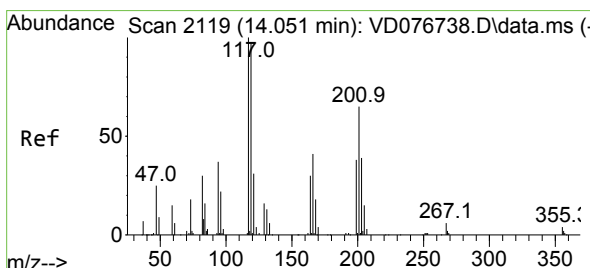
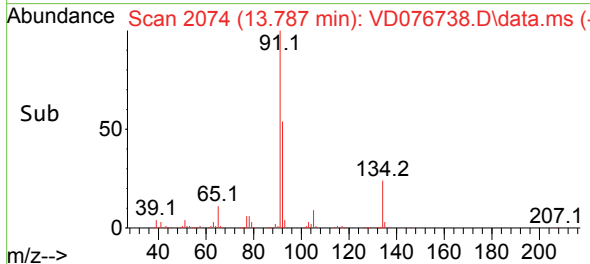
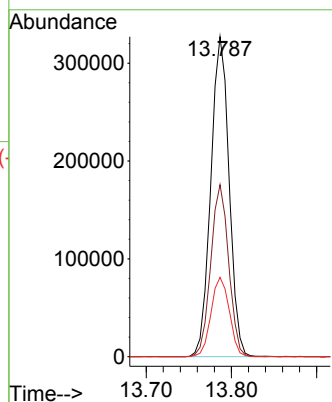
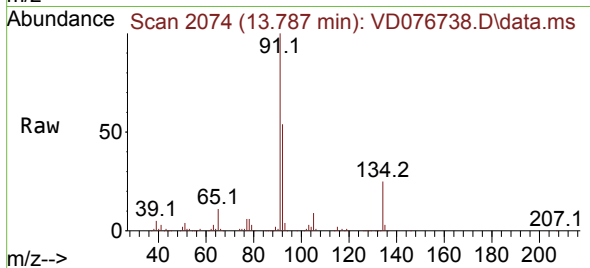
Tgt Ion: 91 Resp: 487385

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 50.568 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076738.D

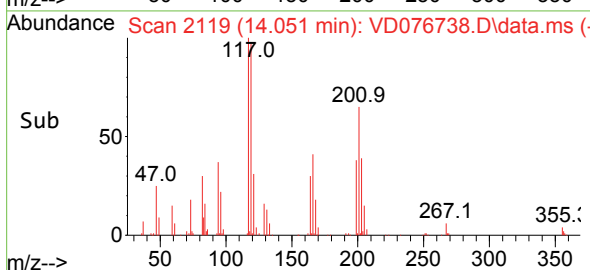
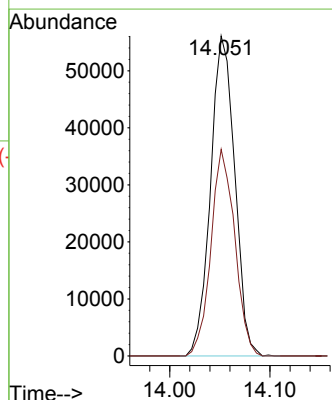
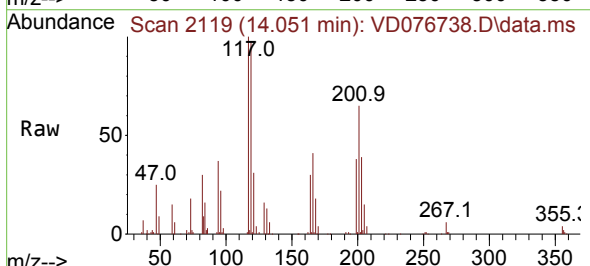
Acq: 14 Jul 2023 13:21

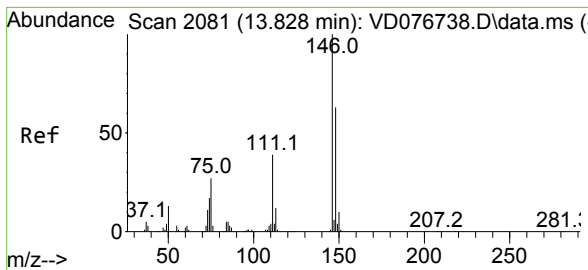
Tgt Ion: 117 Resp: 94268

Ion Ratio Lower Upper

117 100

201 63.4 38.5 115.5

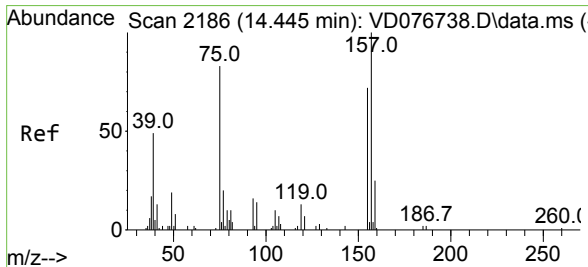
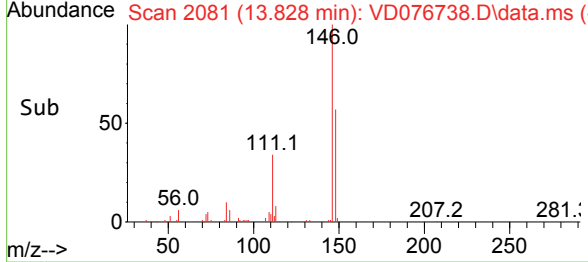
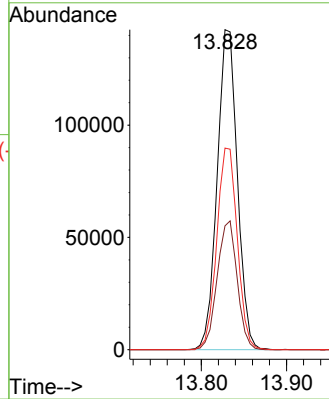
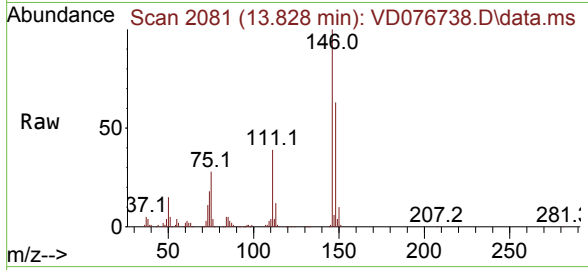




#91
 1,2-Dichlorobenzene
 Concen: 50.185 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD076738.D
 Acq: 14 Jul 2023 13:21

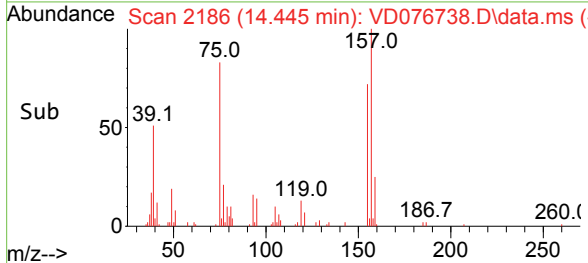
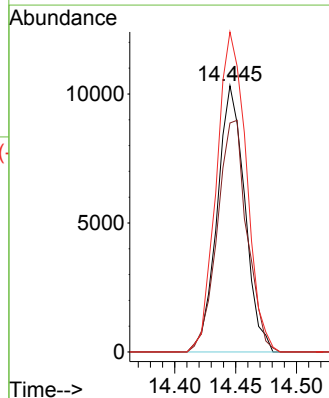
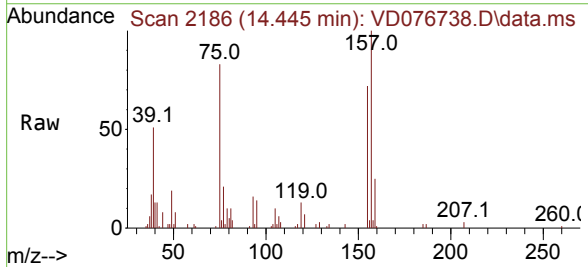
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

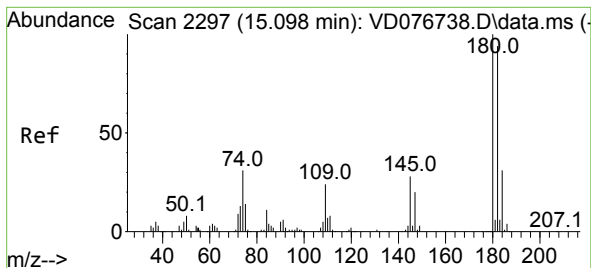
Tgt Ion:	146	Resp:	235080
Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.3	54.8
148	63.9	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.910 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: 49.422 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

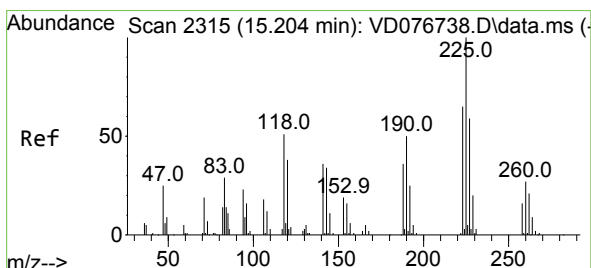
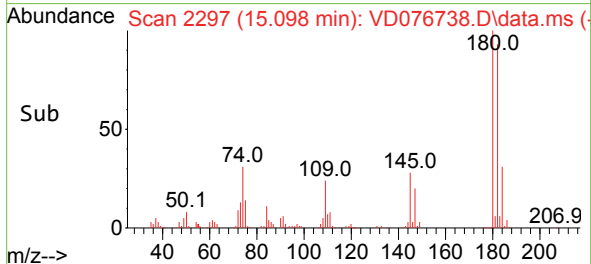
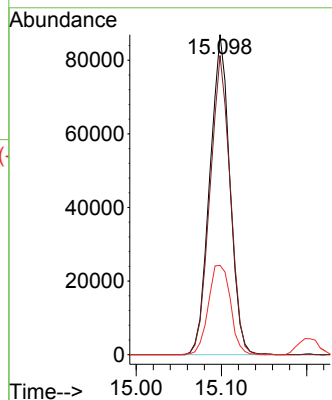
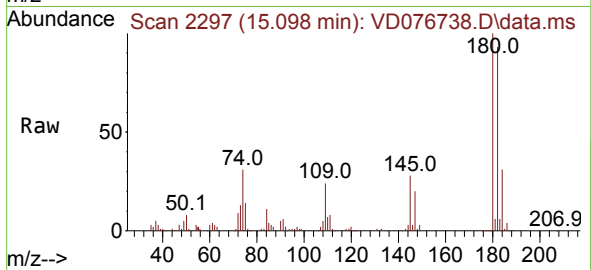
Tgt Ion:180 Resp: 142208

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.084 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076738.D

Acq: 14 Jul 2023 13:21

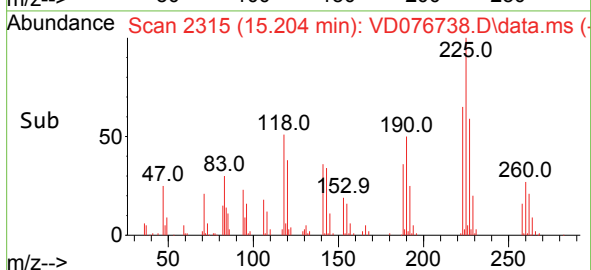
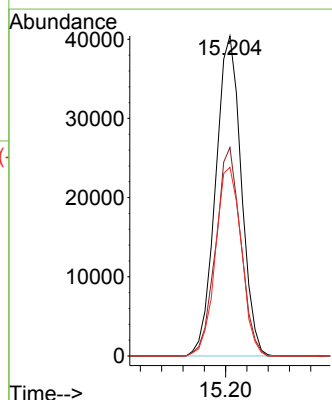
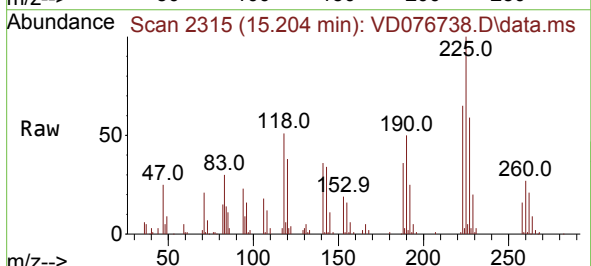
Tgt Ion:225 Resp: 67512

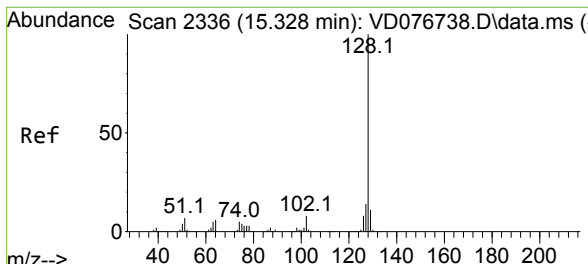
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 59.6 31.7 95.1

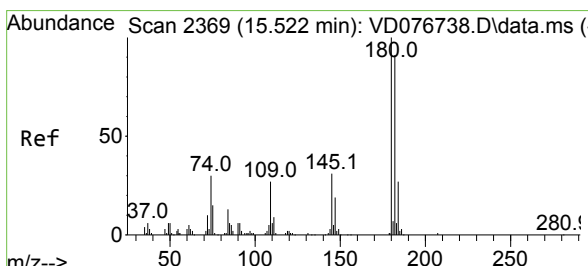
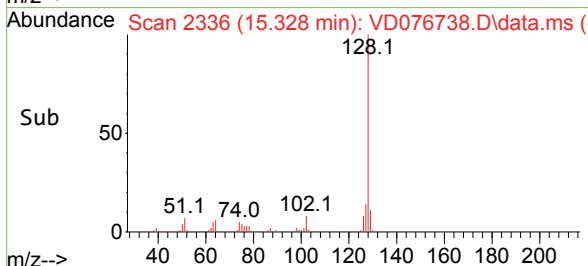
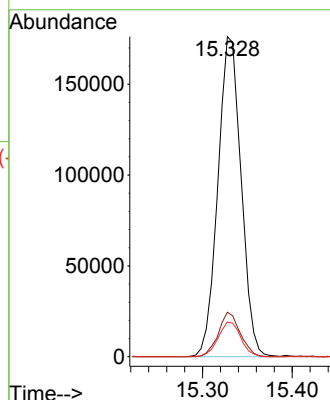
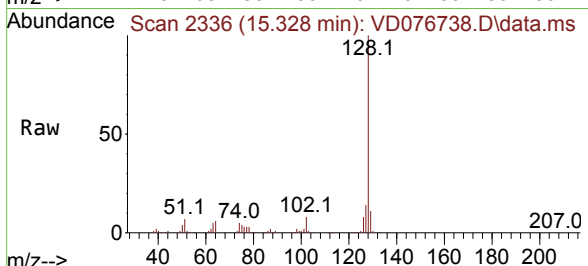




#95
Naphthalene
Concen: 52.028 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD076738.D
Acq: 14 Jul 2023 13:21

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:	128	Resp:	316788
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.5	15.7
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.003 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

