

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076802.D
 Acq On : 26 Jul 2023 13:29
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	213629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	376566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103865	48.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.805	113	125266	52.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.269	98	412974	48.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.575	95	142542	52.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	79161	47.386	ug/l	98
3) Chloromethane	2.146	50	121657	42.216	ug/l	97
4) Vinyl Chloride	2.275	62	173216	45.091	ug/l	95
5) Bromomethane	2.681	94	140459	44.440	ug/l	99
6) Chloroethane	2.828	64	130525	45.003	ug/l	97
7) Trichlorofluoromethane	3.170	101	170830	49.977	ug/l	97
8) Diethyl Ether	3.593	74	57620	48.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	114302	50.871	ug/l	99
10) Methyl Iodide	4.158	142	135087	53.335	ug/l	92
11) Tert butyl alcohol	5.058	59	42101	265.153	ug/l	99
12) 1,1-Dichloroethene	3.934	96	100330	47.528	ug/l	89
13) Acrolein	3.793	56	26968	249.235	ug/l	98
14) Allyl chloride	4.552	41	131693	47.489	ug/l	91
15) Acrylonitrile	5.246	53	144477	249.953	ug/l	99
16) Acetone	4.017	43	132585	260.908	ug/l	# 86
17) Carbon Disulfide	4.269	76	222227	45.072	ug/l	99
18) Methyl Acetate	4.558	43	100193	52.478	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	288352	50.937	ug/l	98
20) Methylene Chloride	4.799	84	163963	55.272	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	121904	49.680	ug/l	96
22) Diisopropyl ether	6.216	45	326693	49.750	ug/l	97
23) Vinyl Acetate	6.152	43	793298	244.159	ug/l	93
24) 1,1-Dichloroethane	6.111	63	222094	50.162	ug/l	96
25) 2-Butanone	7.081	43	182703	268.639	ug/l	95
26) 2,2-Dichloropropane	7.075	77	201576	52.816	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	158239	52.311	ug/l	98
28) Bromochloromethane	7.422	49	45400	41.015	ug/l	85
29) Tetrahydrofuran	7.446	42	100106	249.125	ug/l	95
30) Chloroform	7.599	83	253430	52.261	ug/l	95
31) Cyclohexane	7.875	56	138934	44.367	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	208346	53.251	ug/l	97
36) 1,1-Dichloropropene	8.010	75	156126	50.490	ug/l	98
37) Ethyl Acetate	7.169	43	76768	55.514	ug/l	95
38) Carbon Tetrachloride	7.987	117	161784	54.641	ug/l	96
39) Methylcyclohexane	9.275	83	176395	49.404	ug/l	99
40) Benzene	8.252	78	499672	51.214	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	41389	49.012	ug/l	96
42) 1,2-Dichloroethane	8.322	62	136686	53.918	ug/l	96
43) Isopropyl Acetate	8.358	43	139864	51.825	ug/l	95
44) Trichloroethene	9.028	130	140703	52.922	ug/l	94
45) 1,2-Dichloropropane	9.305	63	134373	53.354	ug/l	100
46) Dibromomethane	9.393	93	77322	52.450	ug/l	95
47) Bromodichloromethane	9.581	83	196840	53.208	ug/l	98
48) Methyl methacrylate	9.381	41	60843	49.534	ug/l #	86
49) 1,4-Dioxane	9.387	88	19846	1050.741	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	381059	265.191	ug/l	94
52) Toluene	10.334	92	331998	51.810	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	181960	52.991	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	212117	52.415	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	116855	54.283	ug/l	93
56) Ethyl methacrylate	10.599	69	129943	52.298	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	183382	52.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	204071	212.186	ug/l	99
59) 2-Hexanone	10.922	43	276864	270.031	ug/l	94
60) Dibromochloromethane	11.075	129	137728	55.073	ug/l	95
61) 1,2-Dibromoethane	11.181	107	105046	52.633	ug/l	99
64) Tetrachloroethene	10.810	164	112597	57.607	ug/l	93
65) Chlorobenzene	11.610	112	373438	54.169	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	143592	55.945	ug/l	97
67) Ethyl Benzene	11.681	91	646049	53.361	ug/l	95
68) m/p-Xylenes	11.793	106	502154	107.994	ug/l	92
69) o-Xylene	12.122	106	240169	53.413	ug/l	91
70) Styrene	12.134	104	426764	54.217	ug/l	97
71) Bromoform	12.298	173	82941	59.003	ug/l #	97
73) Isopropylbenzene	12.422	105	634367	51.310	ug/l	96
74) N-amyl acetate	12.234	43	131643	50.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	137730	51.885	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	158708	97.934	ug/l #	100
77) Bromobenzene	12.704	156	152006	53.265	ug/l	90
78) n-propylbenzene	12.763	91	777119	51.848	ug/l	96
79) 2-Chlorotoluene	12.851	91	430969	52.440	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	519240	51.940	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	41507	54.511	ug/l	96
82) 4-Chlorotoluene	12.945	91	444194	51.738	ug/l	95
83) tert-Butylbenzene	13.169	119	463436	52.650	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	523953	51.288	ug/l	97
85) sec-Butylbenzene	13.345	105	698304	51.925	ug/l	96
86) p-Isopropyltoluene	13.463	119	579748	52.199	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	309711	52.764	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	307253	53.427	ug/l	98
89) n-Butylbenzene	13.787	91	549054	50.519	ug/l	99
90) Hexachloroethane	14.051	117	113769	55.407	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	273130	52.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18951	50.070	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	169757	53.760	ug/l	98
94) Hexachlorobutadiene	15.204	225	80373	52.924	ug/l	99
95) Naphthalene	15.334	128	363983	53.237	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	152892	53.956	ug/l	98

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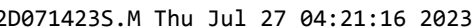
Instrument :
MSVOA_D
ClientSampleId :

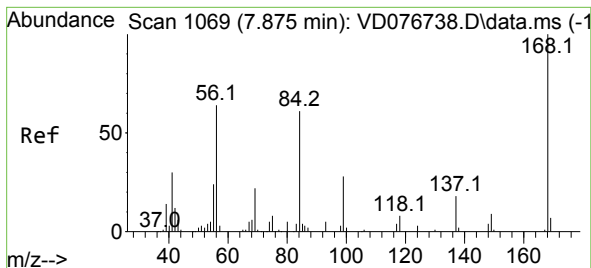
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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076802.D

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Instrument :

MSVOA_D

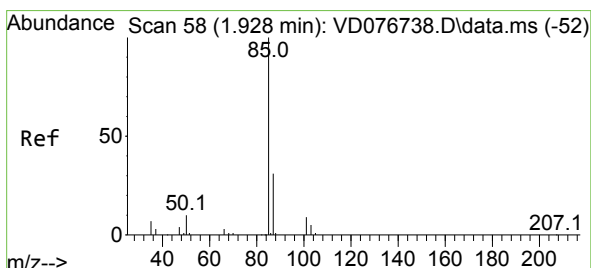
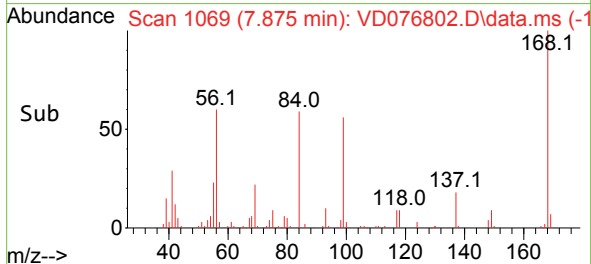
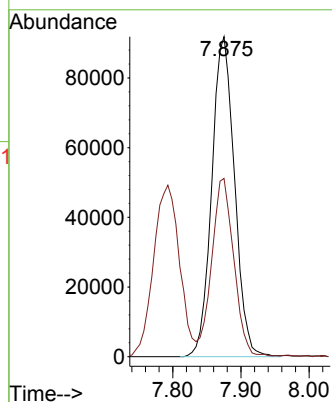
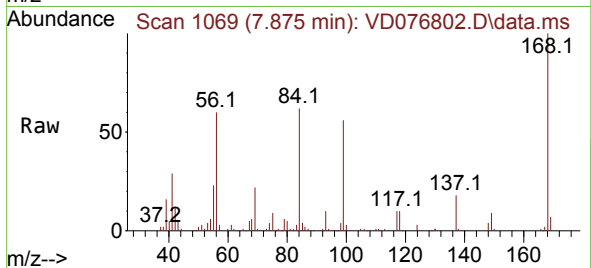
ClientSampleId :

Tgt Ion:168 Resp: 213629

Ion Ratio Lower Upper

168 100

99 55.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 47.386 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076802.D

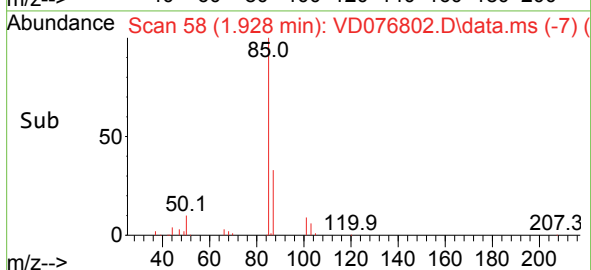
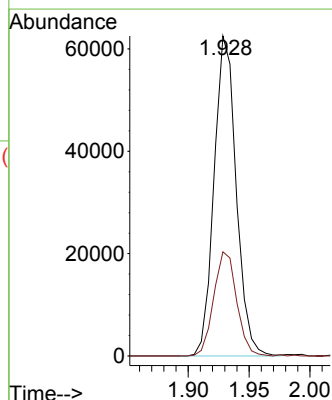
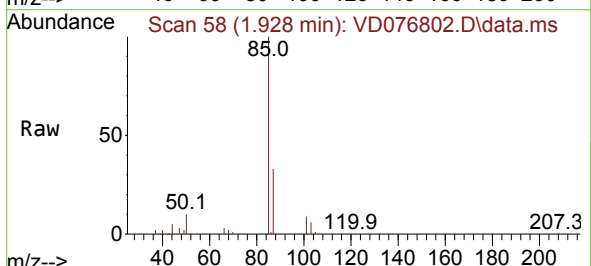
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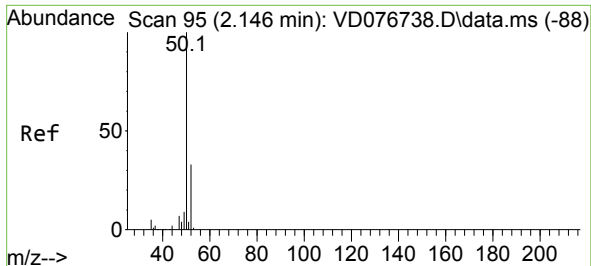
Tgt Ion: 85 Resp: 79161

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0

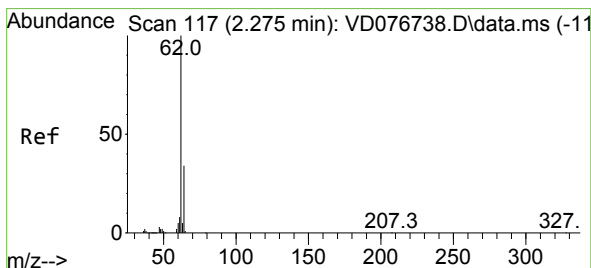
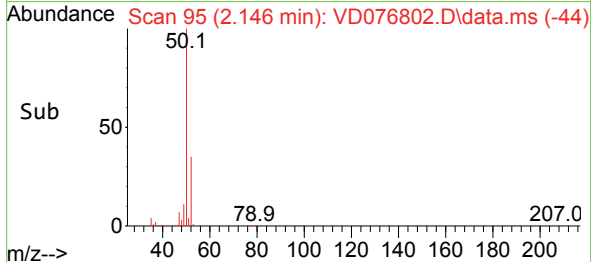
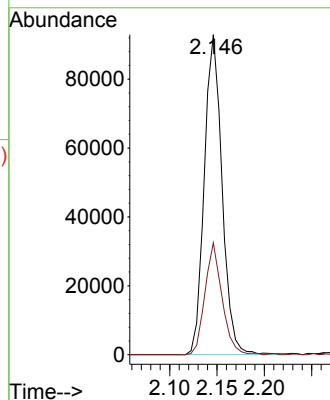
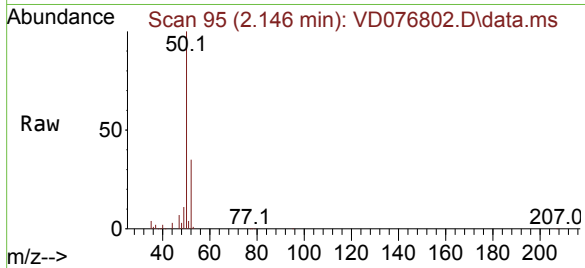




#3
Chloromethane
Concen: 42.216 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

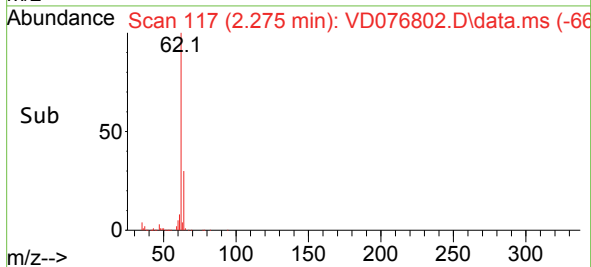
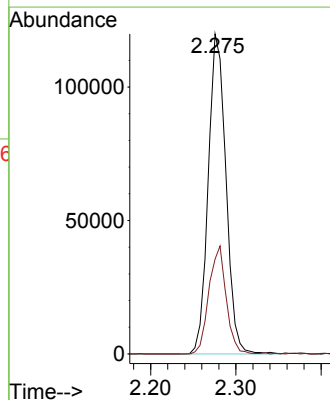
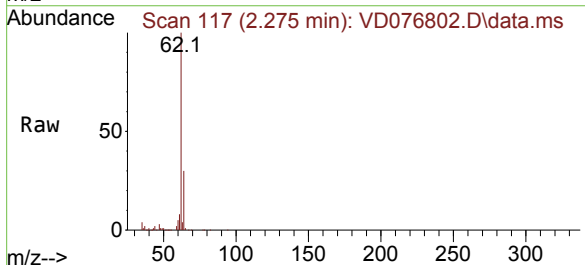
Instrument :
MSVOA_D
ClientSampleId :

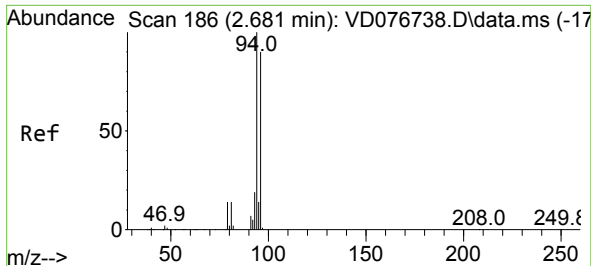
Tgt Ion: 50 Resp: 121657
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 45.091 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 62 Resp: 173216
Ion Ratio Lower Upper
62 100
64 29.6 26.0 39.0

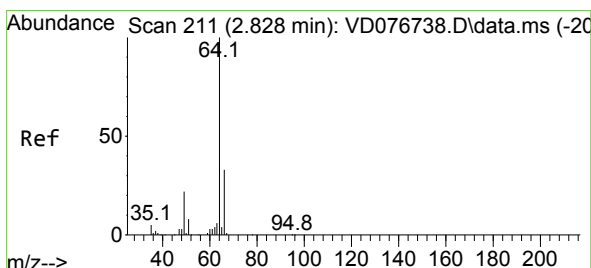
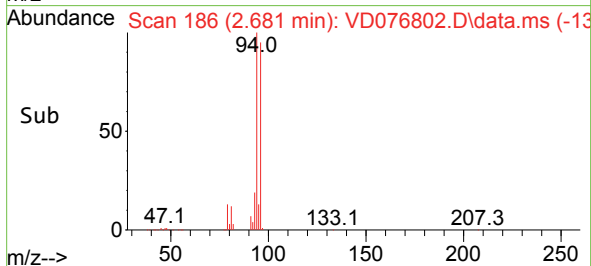
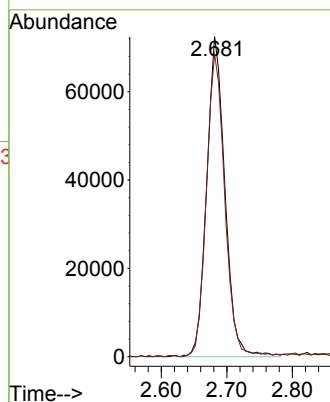
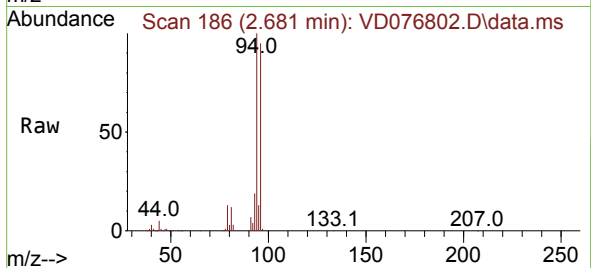




#5
Bromomethane
Concen: 44.440 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

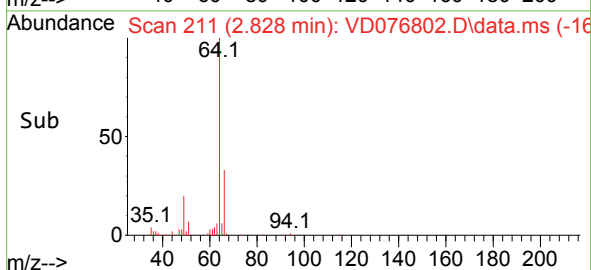
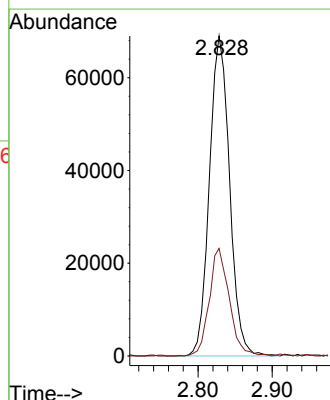
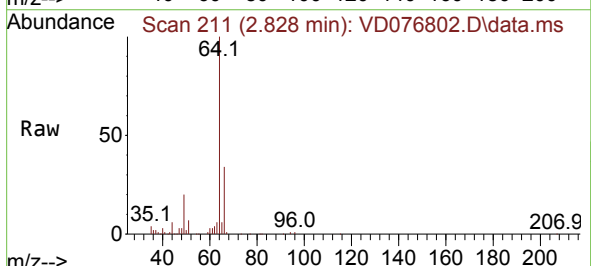
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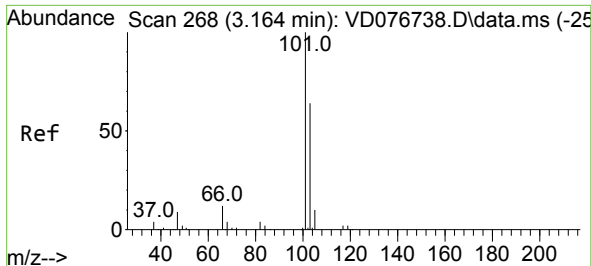
Tgt Ion: 94 Resp: 140459
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8



#6
Chloroethane
Concen: 45.003 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 64 Resp: 130525
Ion Ratio Lower Upper
64 100
66 33.4 25.5 38.3

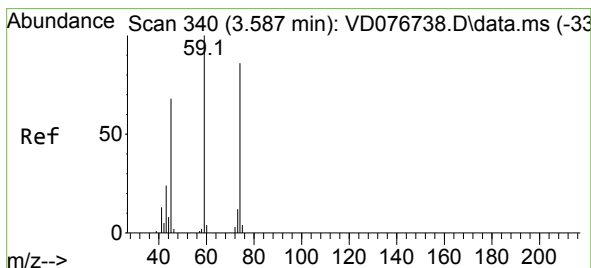
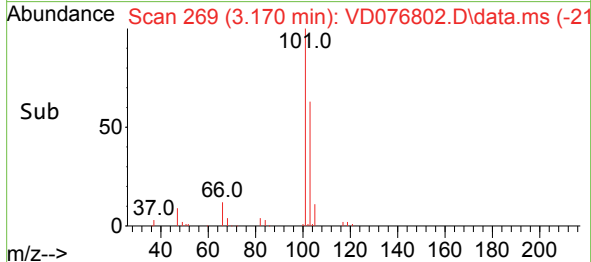
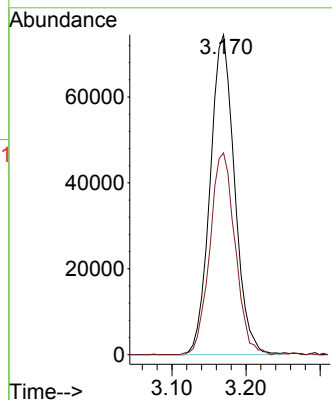
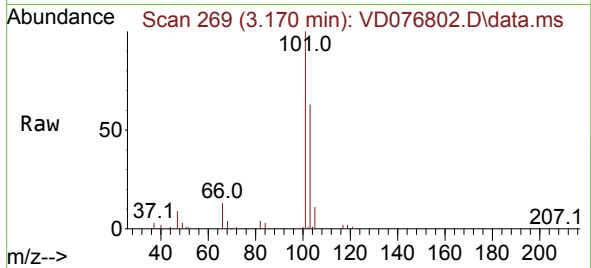




#7
Trichlorofluoromethane
Concen: 49.977 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

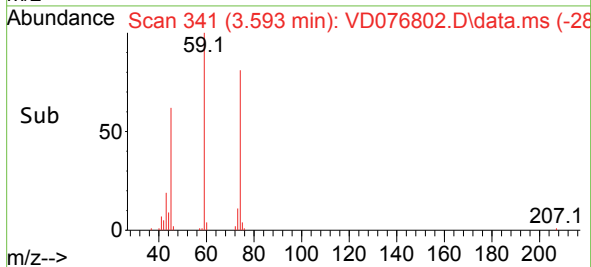
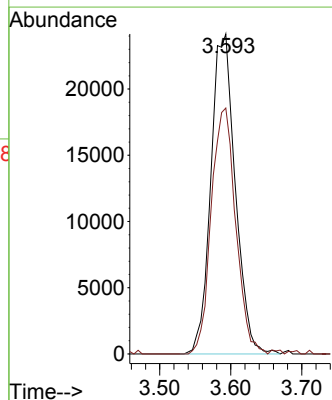
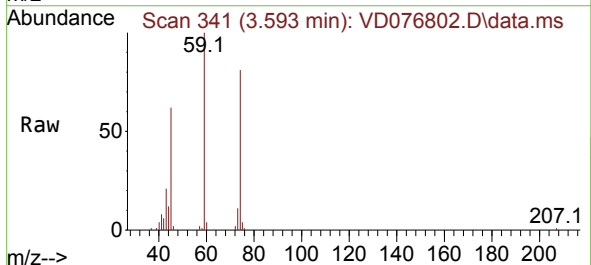
Instrument :
MSVOA_D
ClientSampleId :

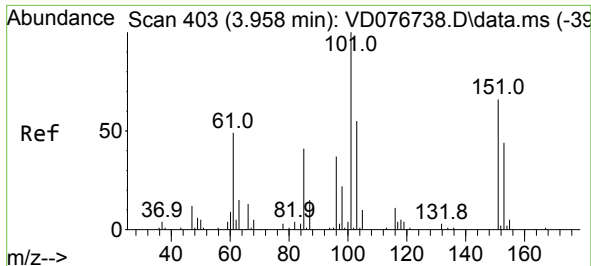
Tgt Ion:101 Resp: 170830
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5



#8
Diethyl Ether
Concen: 48.961 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 74 Resp: 57620
Ion Ratio Lower Upper
74 100
45 76.9 37.5 112.7

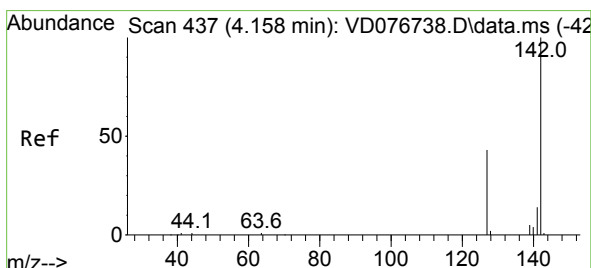
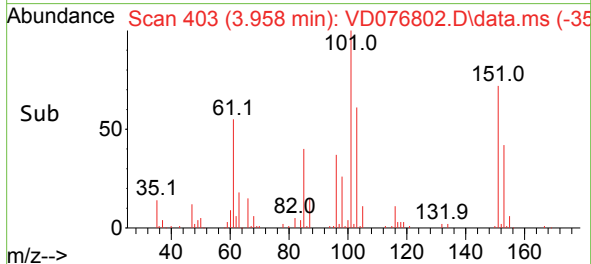
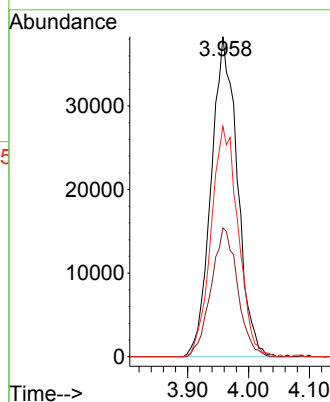
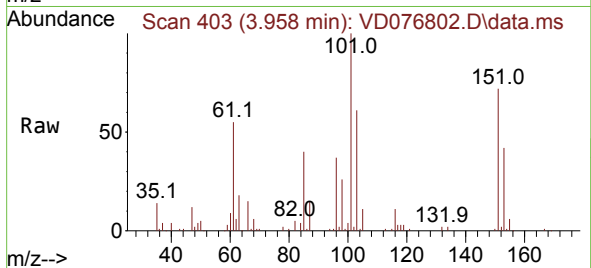




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.871 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

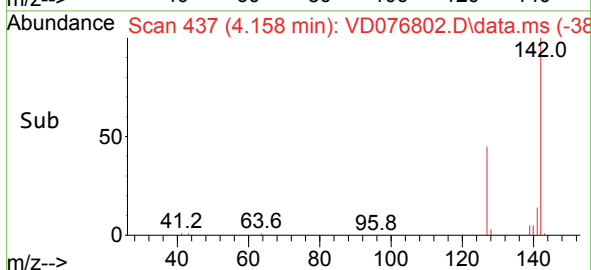
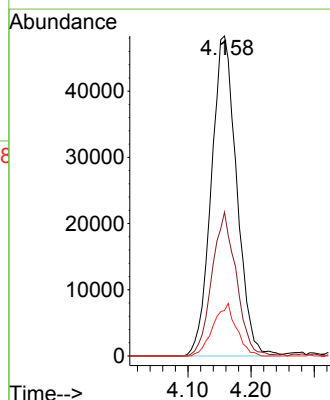
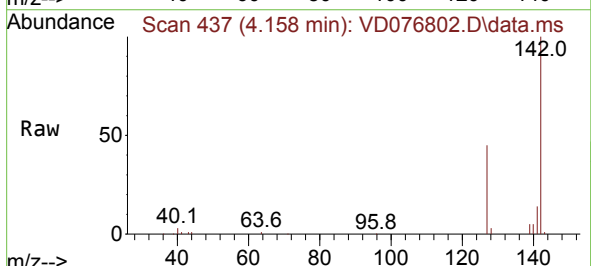
Instrument :
MSVOA_D
ClientSampleId :

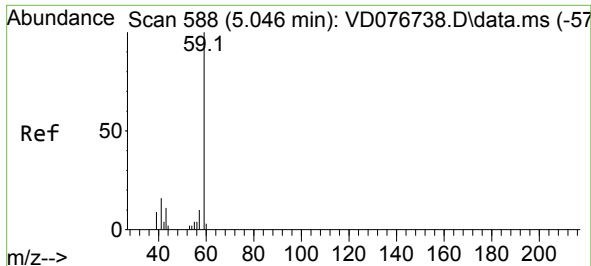
Tgt Ion:101 Resp: 114302
Ion Ratio Lower Upper
101 100
85 40.6 33.8 50.6
151 74.4 59.8 89.6



#10
Methyl Iodide
Concen: 53.335 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion:142 Resp: 135087
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 15.0 11.1 16.7

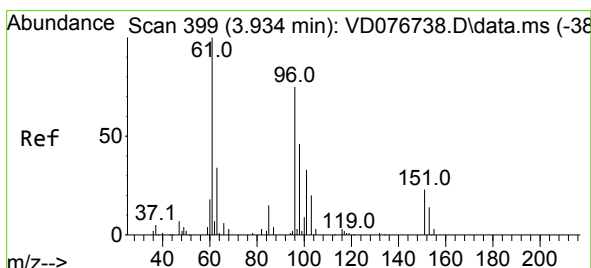
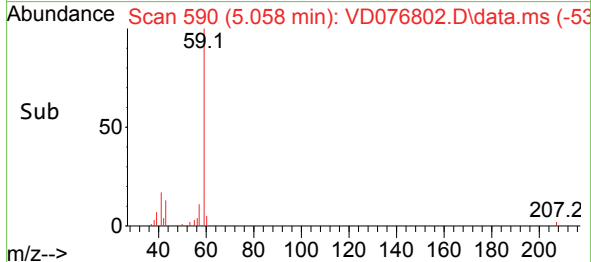
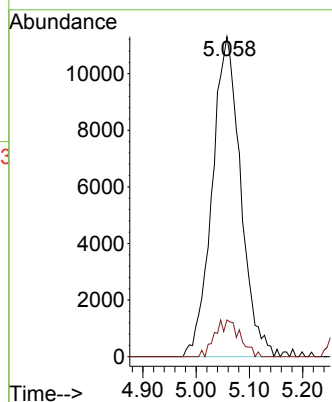
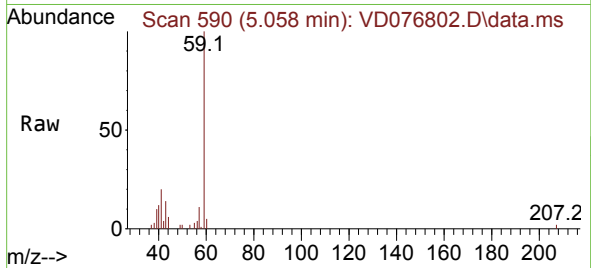




#11
Tert butyl alcohol
Concen: 265.153 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

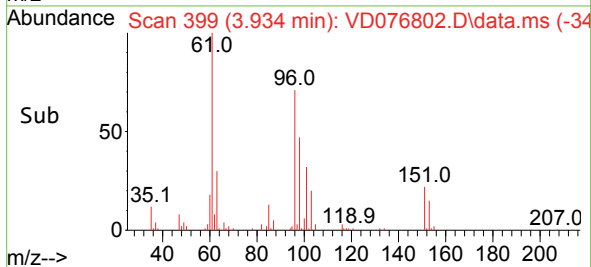
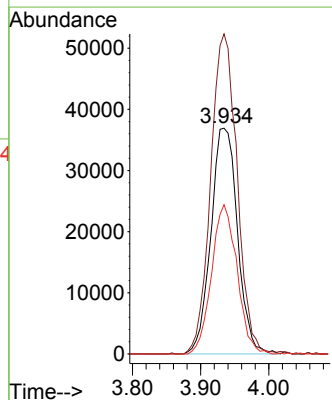
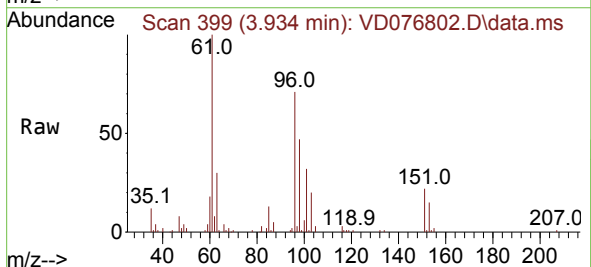
Instrument :
MSVOA_D
ClientSampleId :

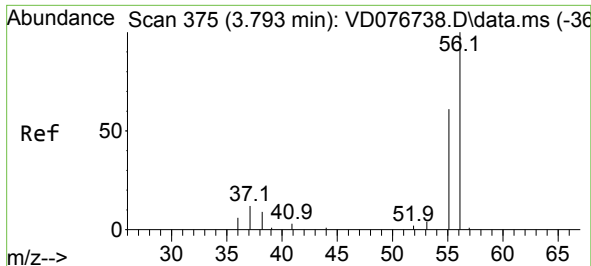
Tgt Ion: 59 Resp: 42101
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 47.528 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

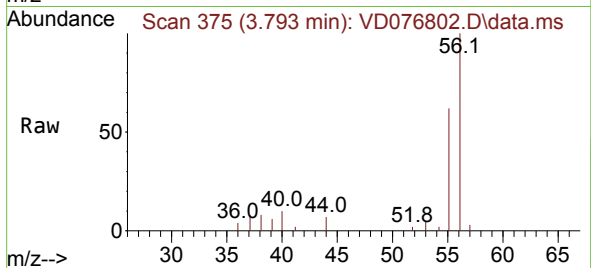
Tgt Ion: 96 Resp: 100330
Ion Ratio Lower Upper
96 100
61 141.7 100.6 150.8
98 66.1 50.2 75.2



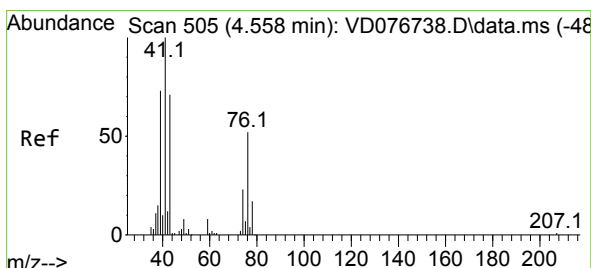
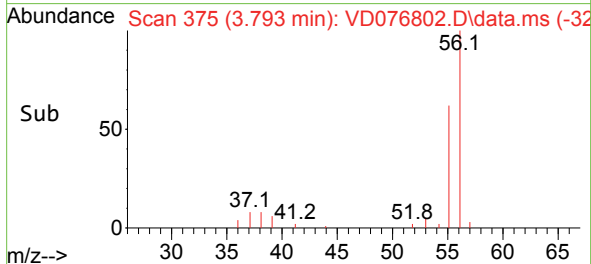
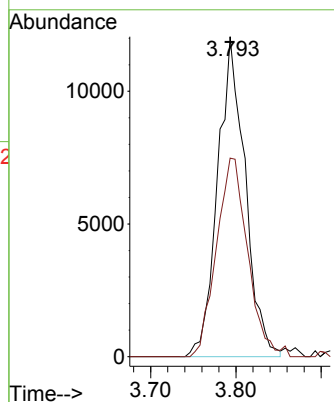


#13
Acrolein
Concen: 249.235 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

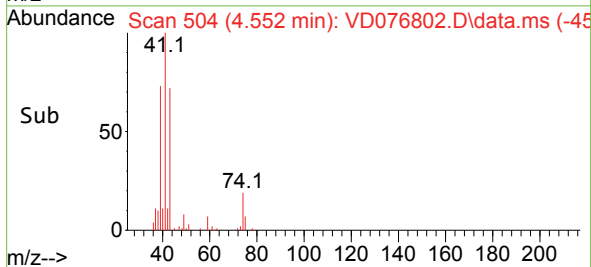
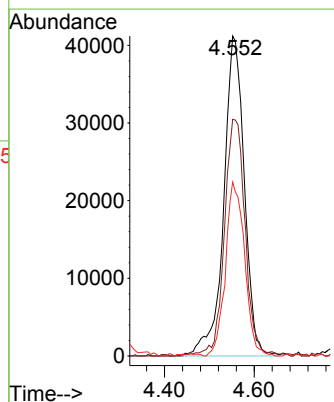
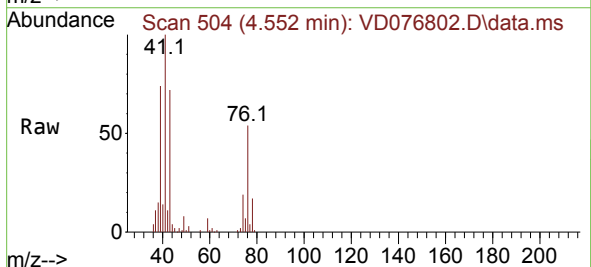


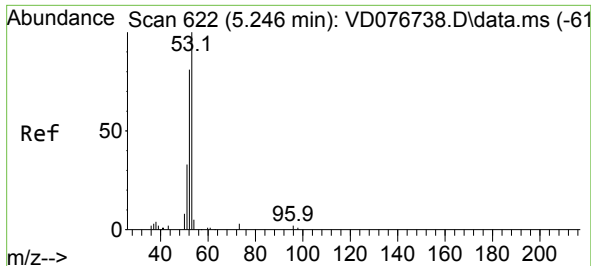
Tgt Ion: 56 Resp: 26968
Ion Ratio Lower Upper
56 100
55 70.9 55.1 82.7



#14
Allyl chloride
Concen: 47.489 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

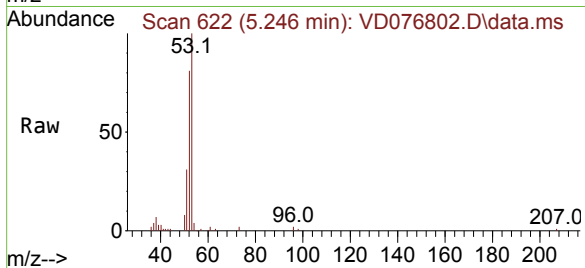
Tgt Ion: 41 Resp: 131693
Ion Ratio Lower Upper
41 100
39 74.6 53.8 80.6
76 50.5 45.8 68.8



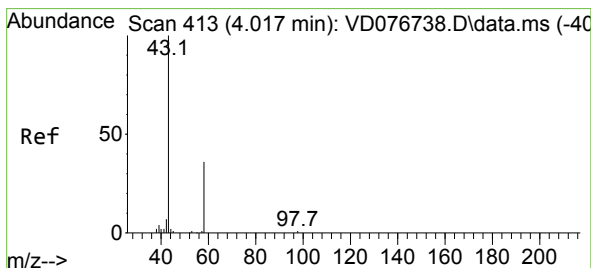
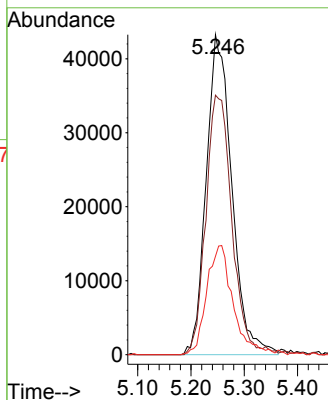
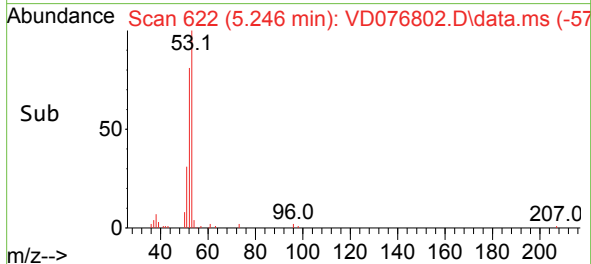


#15
Acrylonitrile
Concen: 249.953 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

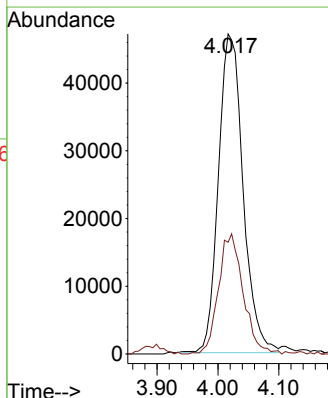
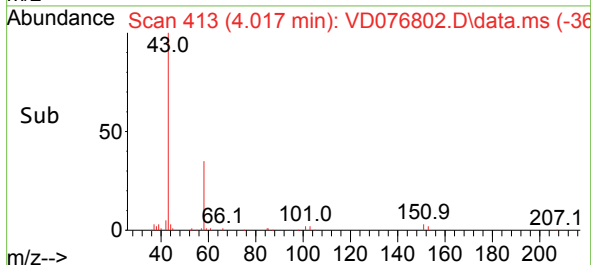
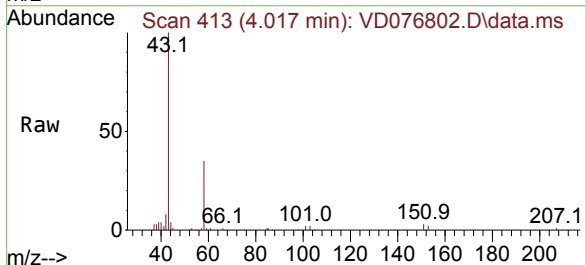


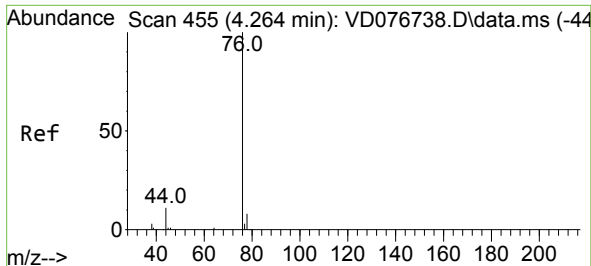
Tgt Ion: 53 Resp: 144477
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 35.1 28.3 42.5



#16
Acetone
Concen: 260.908 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 43 Resp: 132585
Ion Ratio Lower Upper
43 100
58 34.4 34.7 52.1#

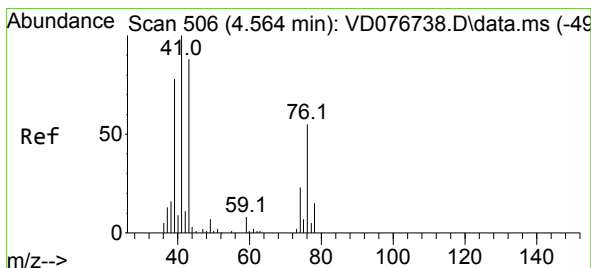
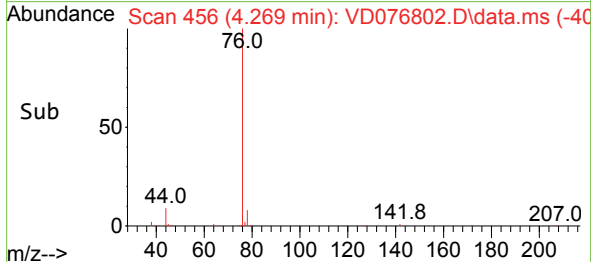
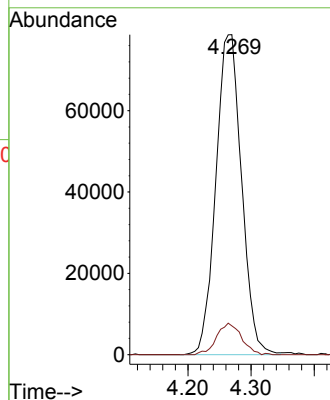
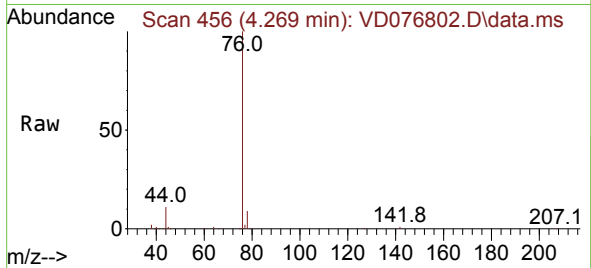




#17
Carbon Disulfide
Concen: 45.072 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

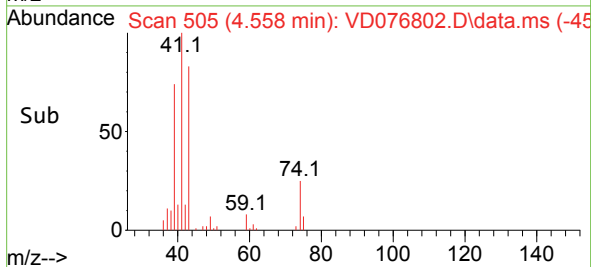
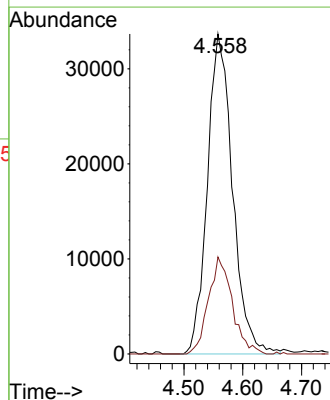
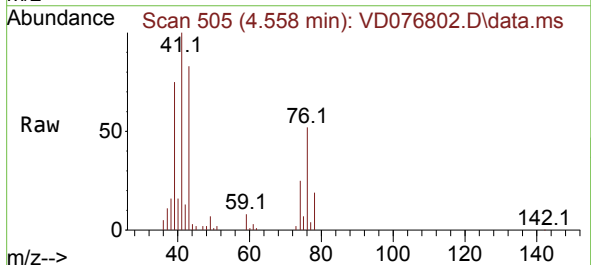
Instrument :
MSVOA_D
ClientSampleId :

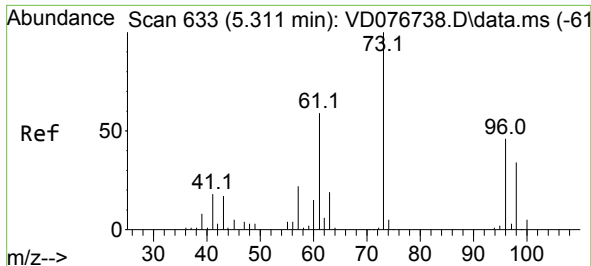
Tgt Ion: 76 Resp: 222227
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 52.478 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 43 Resp: 100193
Ion Ratio Lower Upper
43 100
74 28.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.937 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.005 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

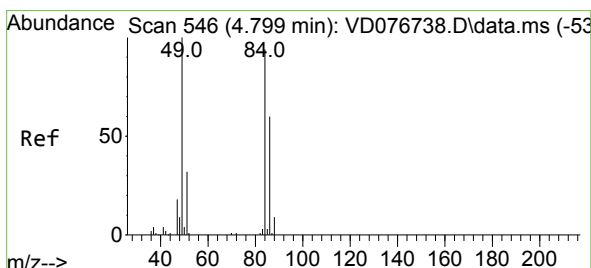
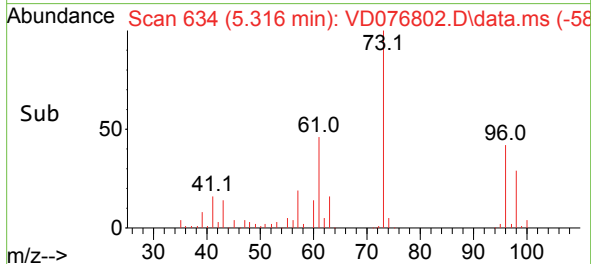
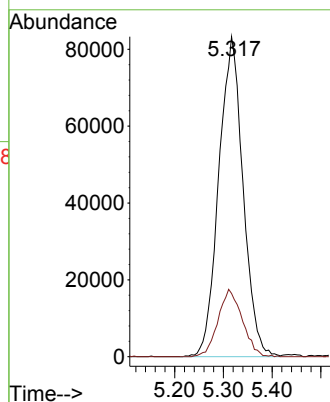
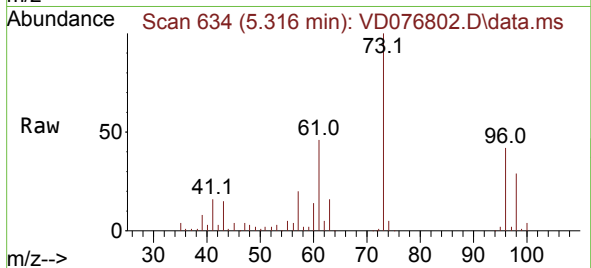
ClientSampleId :

Tgt Ion: 73 Resp: 288352

Ion Ratio Lower Upper

73 100

57 19.7 16.6 25.0



#20

Methylene Chloride

Concen: 55.272 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Tgt Ion: 84 Resp: 163963

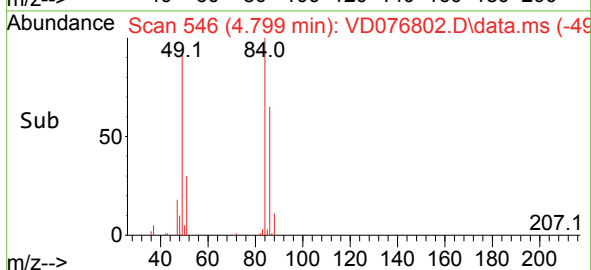
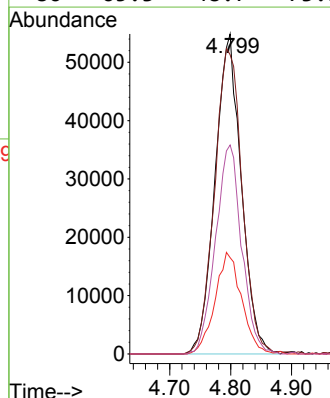
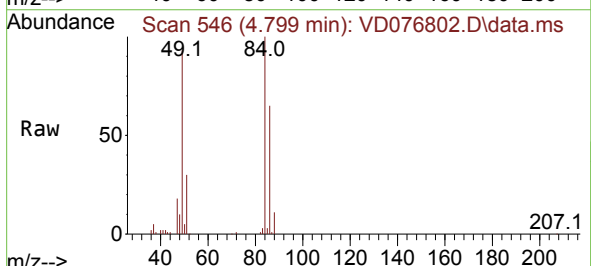
Ion Ratio Lower Upper

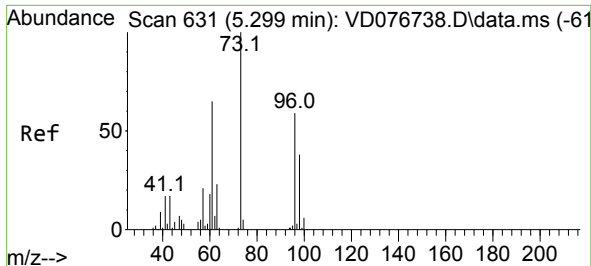
84 100

49 93.5 71.4 107.2

51 30.1 24.5 36.7

86 65.3 48.7 73.1

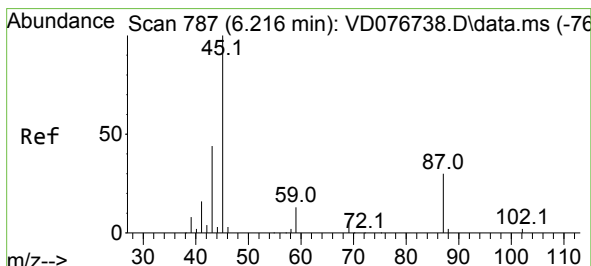
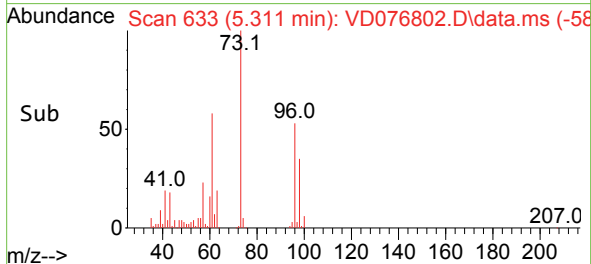
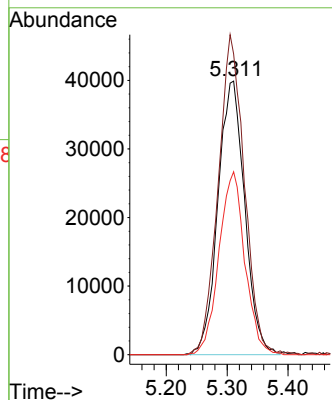
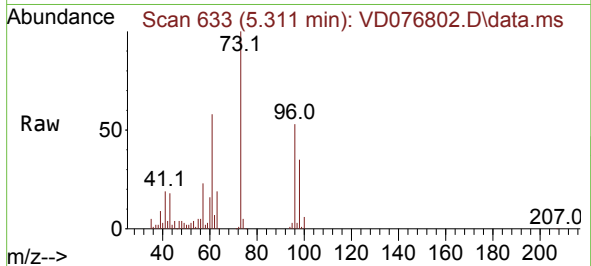




#21
trans-1,2-Dichloroethene
Concen: 49.680 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

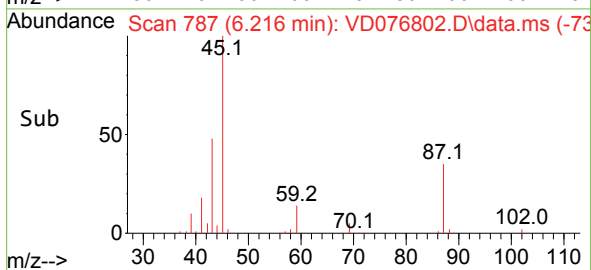
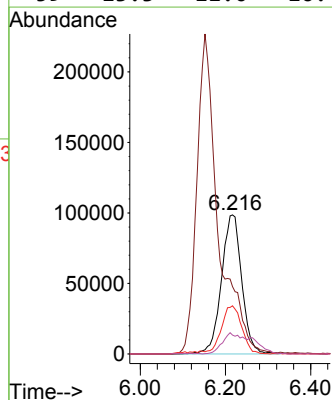
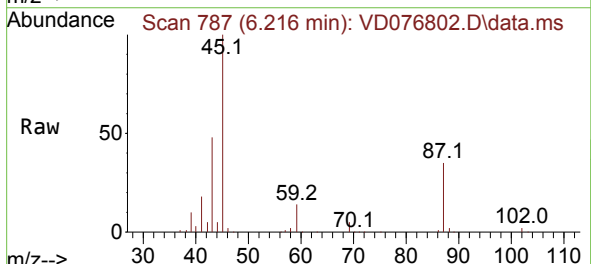
Instrument :
MSVOA_D
ClientSampleId :

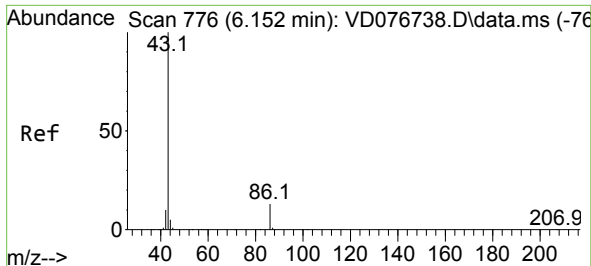
Tgt Ion: 96 Resp: 121904
Ion Ratio Lower Upper
96 100
61 109.9 89.3 133.9
98 66.9 48.6 73.0



#22
Diisopropyl ether
Concen: 49.750 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

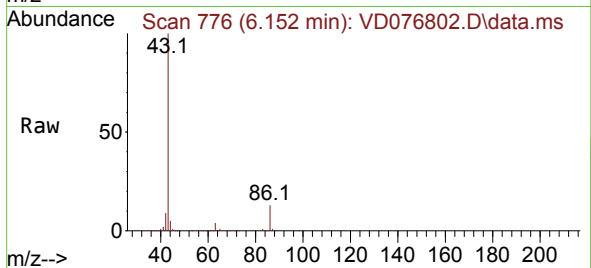
Tgt Ion: 45 Resp: 326693
Ion Ratio Lower Upper
45 100
43 47.3 40.0 60.0
87 34.3 28.2 42.4
59 13.3 11.0 16.4



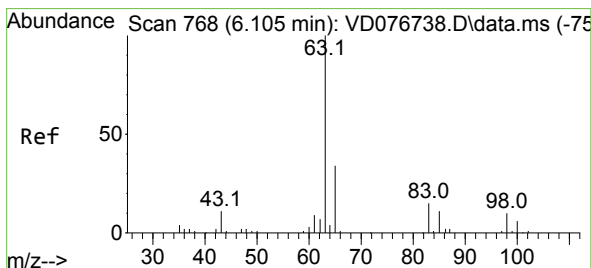
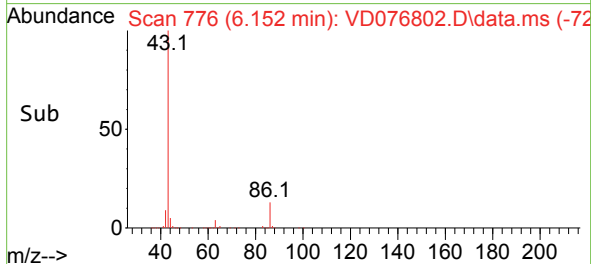
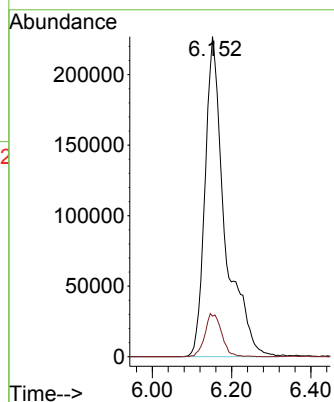


#23
 Vinyl Acetate
 Concen: 244.159 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Instrument :
 MSVOA_D
 ClientSampleId :

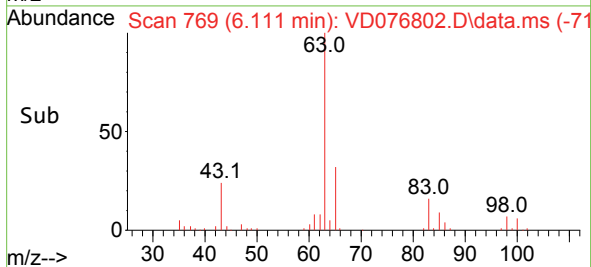
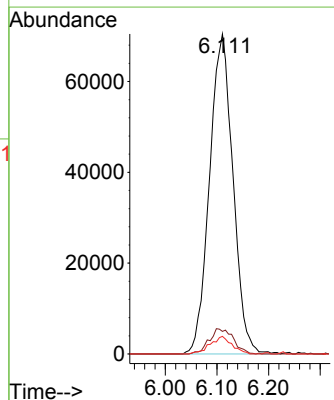
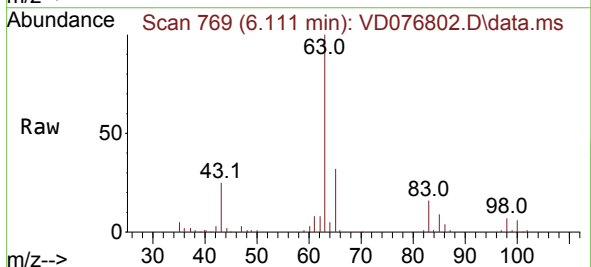


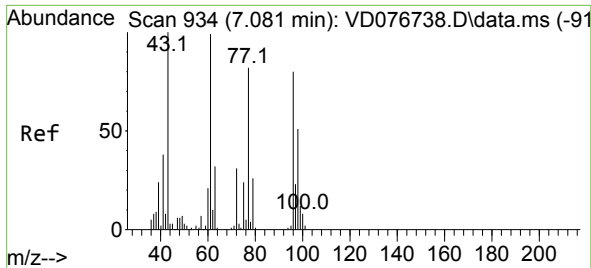
Tgt Ion: 43 Resp: 793298
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.162 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Tgt Ion: 63 Resp: 222094
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 5.5 2.5 7.5

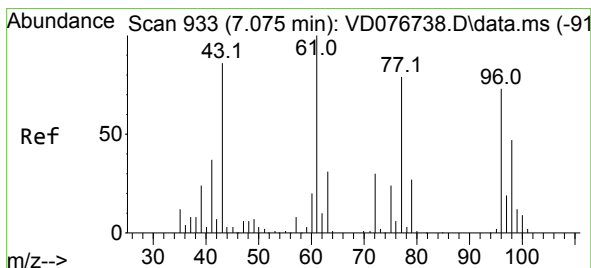
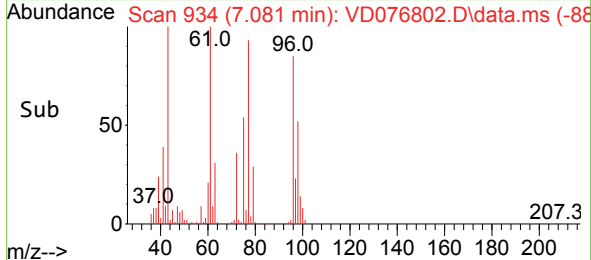
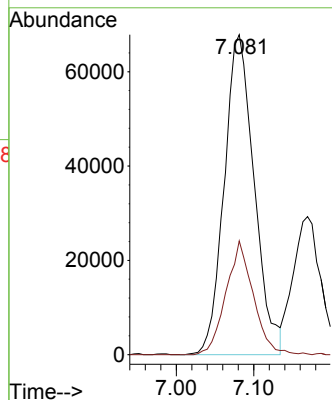
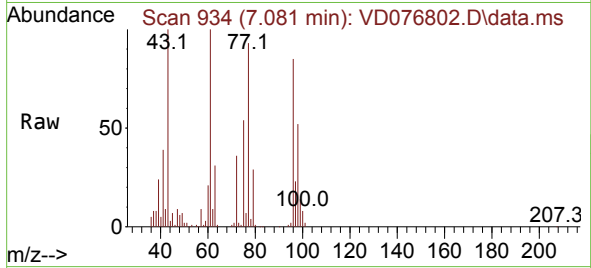




#25
2-Butanone
Concen: 268.639 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

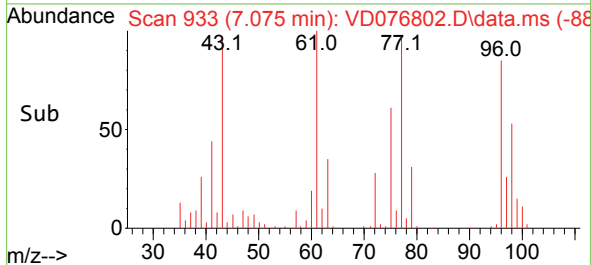
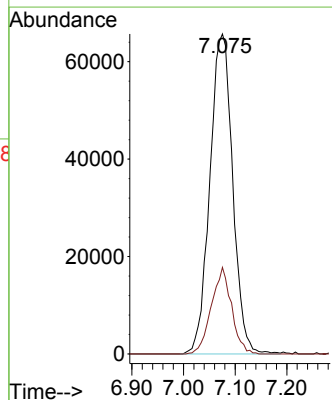
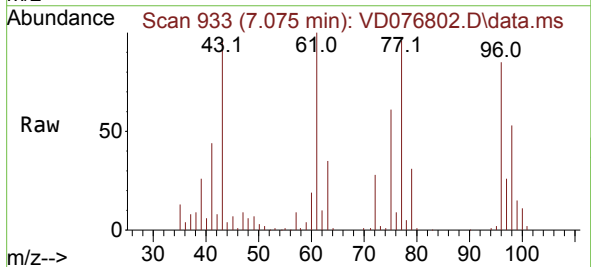
Instrument :
MSVOA_D
ClientSampleId :

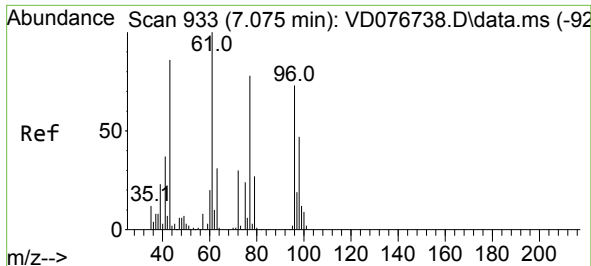
Tgt Ion: 43 Resp: 182703
Ion Ratio Lower Upper
43 100
72 35.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.816 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

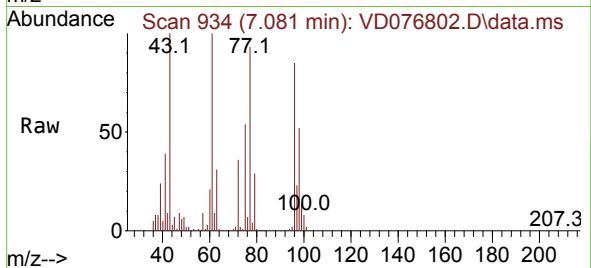
Tgt Ion: 77 Resp: 201576
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6



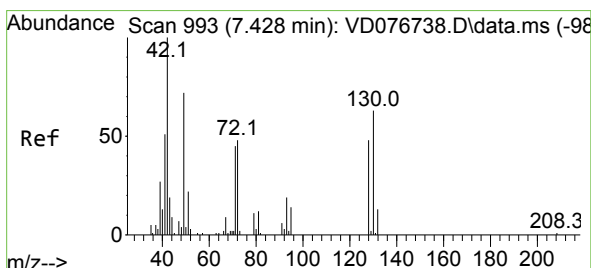
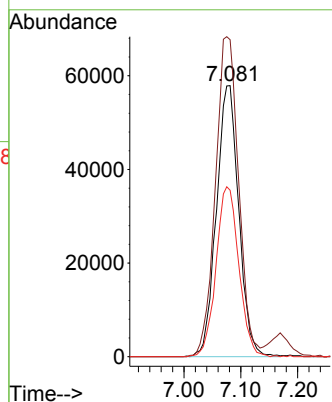
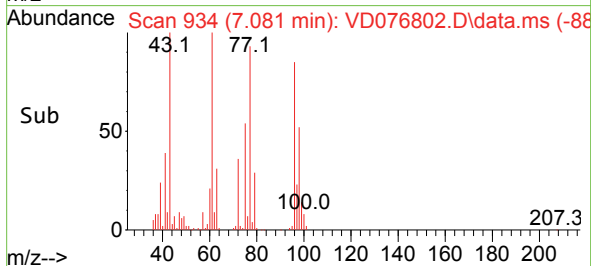


#27
 cis-1,2-Dichloroethene
 Concen: 52.311 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Instrument :
 MSVOA_D
 ClientSampleId :

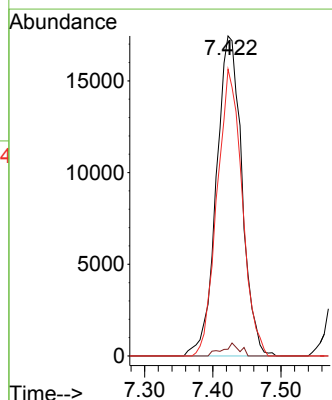
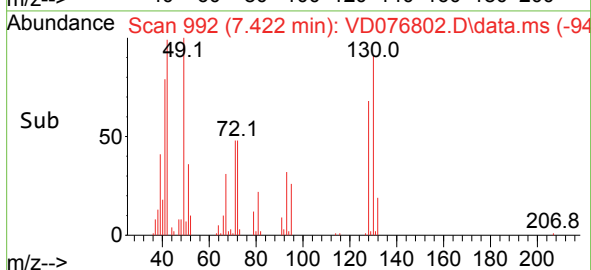
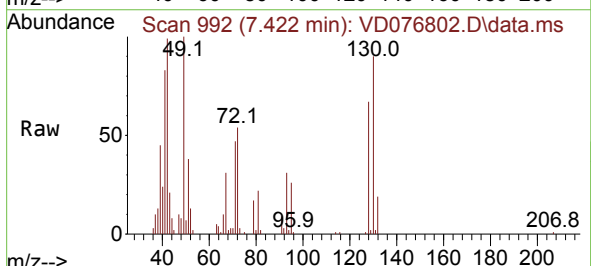


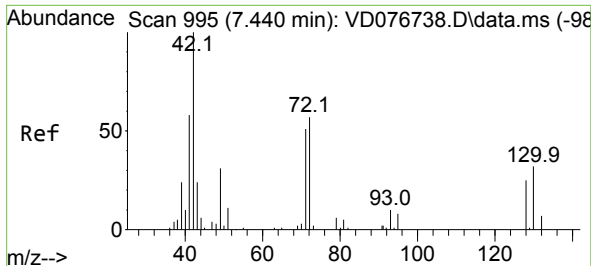
Tgt Ion: 96 Resp: 158239
 Ion Ratio Lower Upper
 96 100
 61 122.3 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 41.015 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Tgt Ion: 49 Resp: 45400
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 87.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 249.125 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

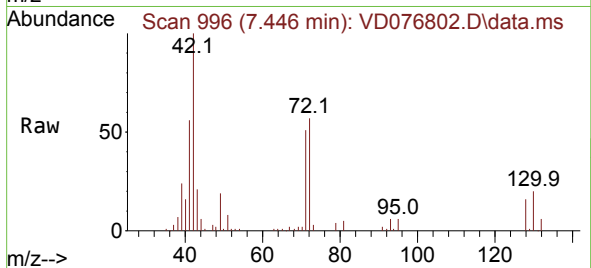
Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :



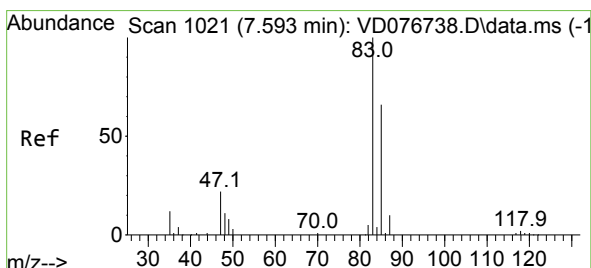
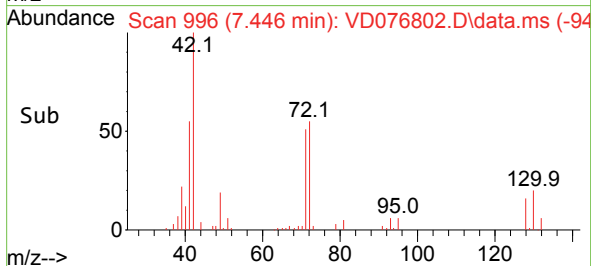
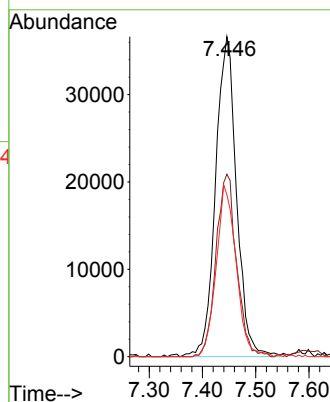
Tgt Ion: 42 Resp: 100106

Ion Ratio Lower Upper

42 100

72 55.9 46.5 69.7

71 51.2 44.5 66.7



#30

Chloroform

Concen: 52.261 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076802.D

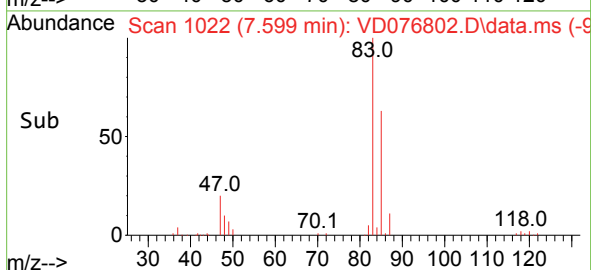
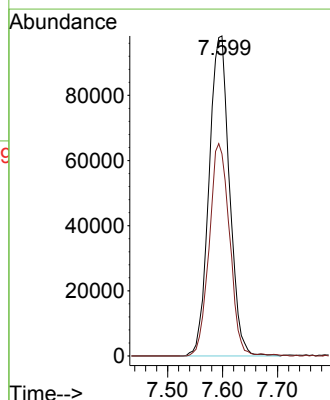
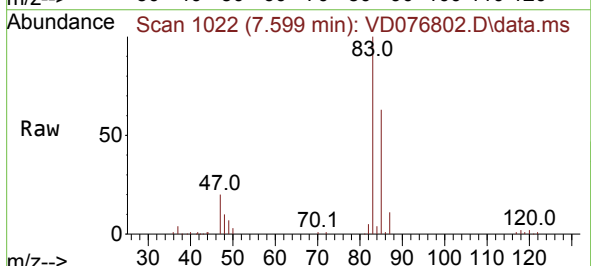
Acq: 26 Jul 2023 13:29

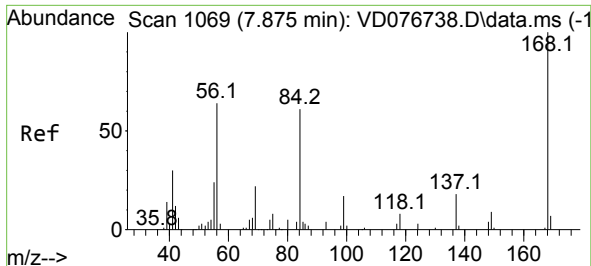
Tgt Ion: 83 Resp: 253430

Ion Ratio Lower Upper

83 100

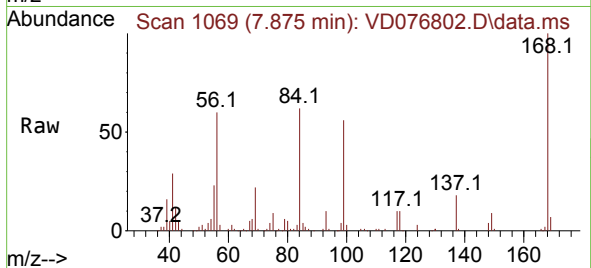
85 63.2 53.4 80.2



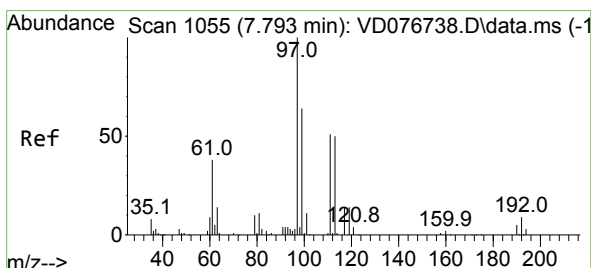
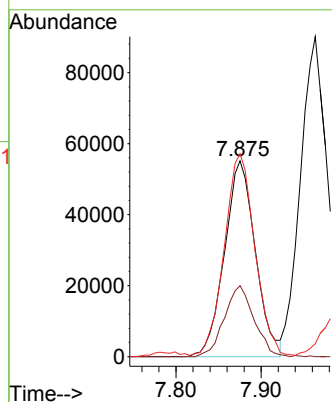
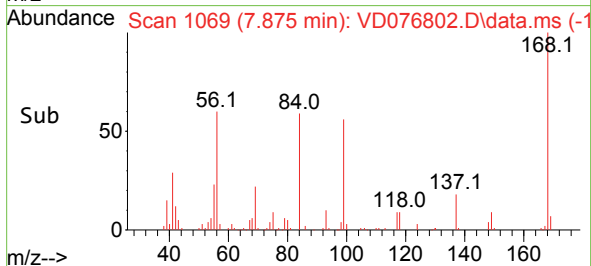


#31
Cyclohexane
Concen: 44.367 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

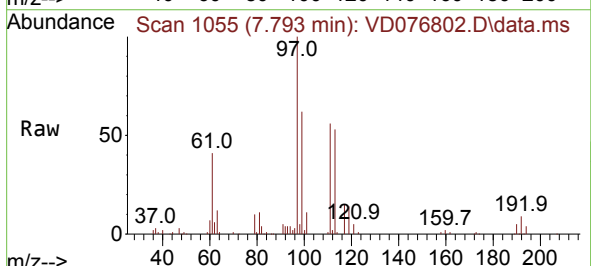
Instrument :
MSVOA_D
ClientSampleId :



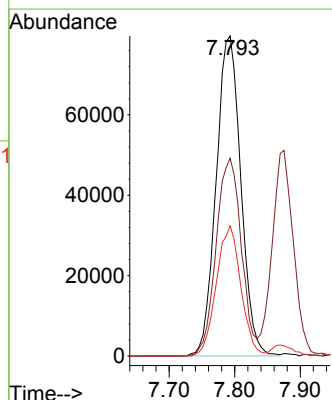
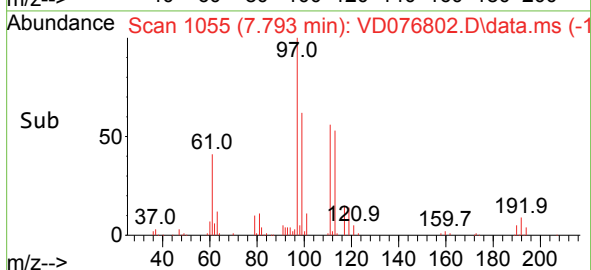
Tgt Ion: 56 Resp: 138934
Ion Ratio Lower Upper
56 100
69 36.3 28.6 43.0
84 102.5 84.8 127.2

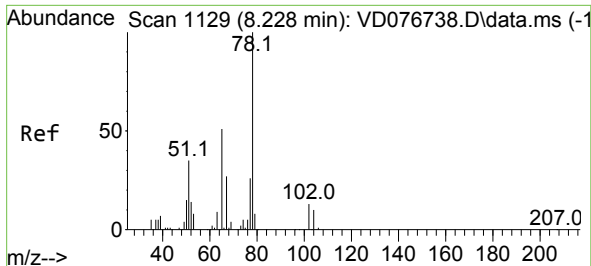


#32
1,1,1-Trichloroethane
Concen: 53.251 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29



Tgt Ion: 97 Resp: 208346
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.813 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

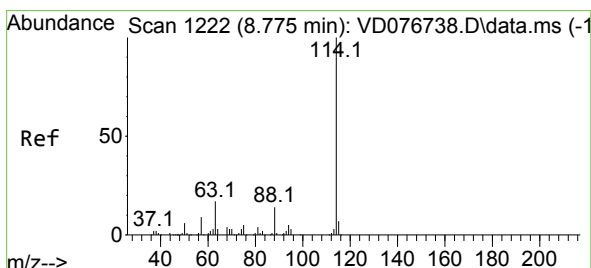
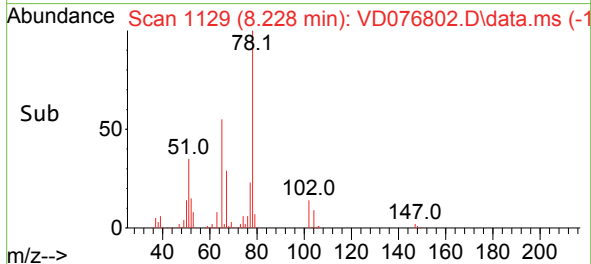
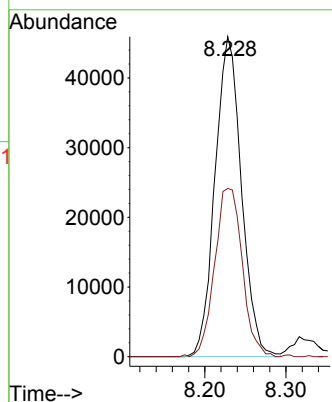
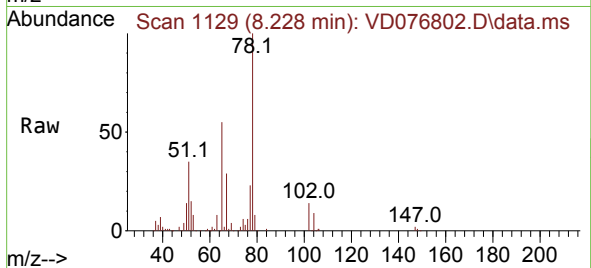
ClientSampleId :

Tgt Ion: 65 Resp: 103865

Ion Ratio Lower Upper

65 100

67 54.9 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: VD076802.D

Acq: 26 Jul 2023 13:29

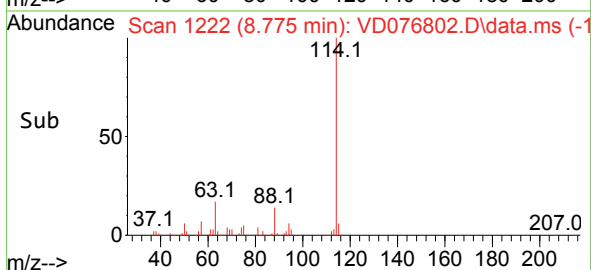
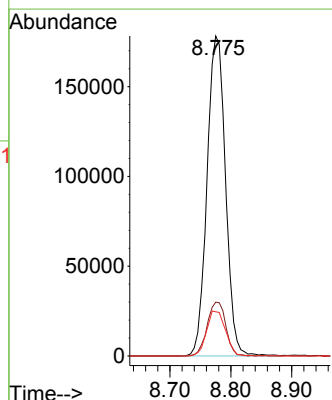
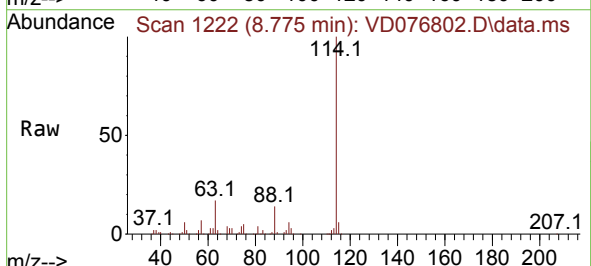
Tgt Ion: 114 Resp: 376566

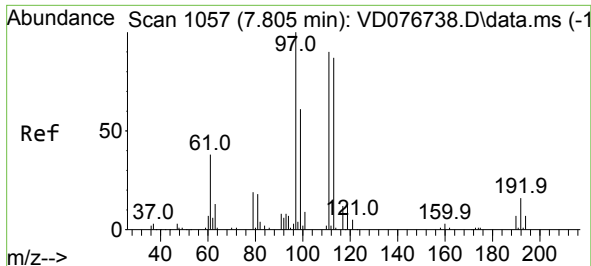
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

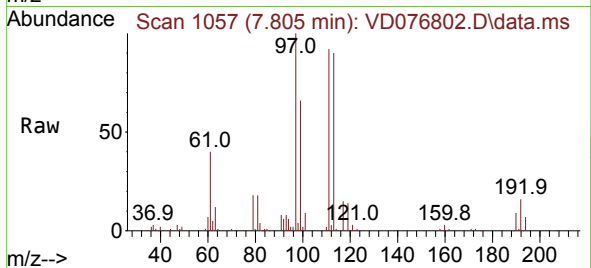
88 13.8 0.0 26.2



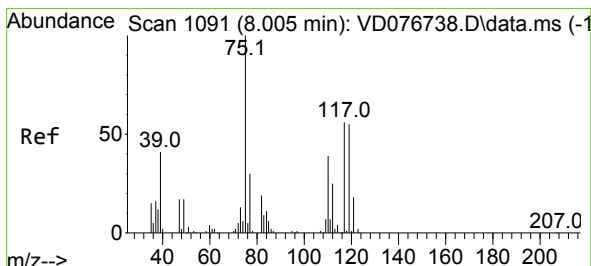
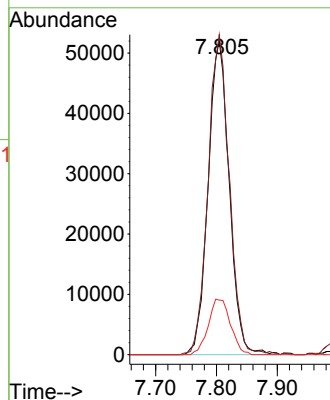
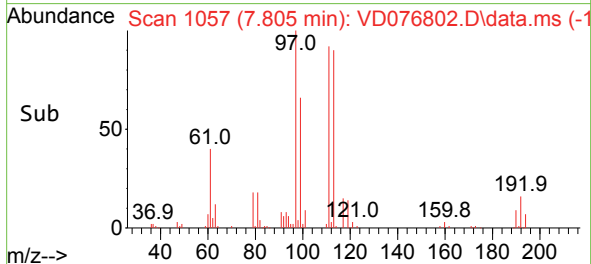


#35
 Dibromofluoromethane
 Concen: 52.936 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

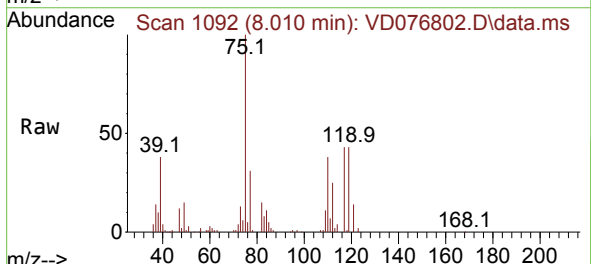
Instrument :
 MSVOA_D
 ClientSampleId :



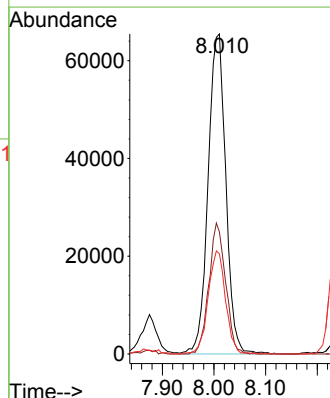
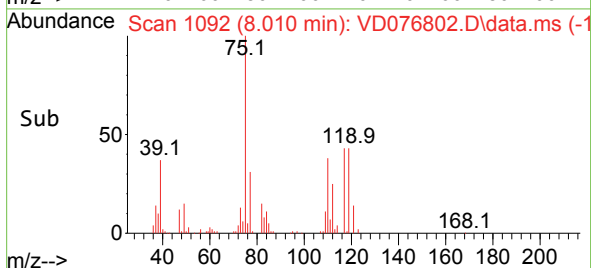
Tgt Ion:113 Resp: 125266
 Ion Ratio Lower Upper
 113 100
 111 102.7 84.7 127.1
 192 18.5 16.8 25.2

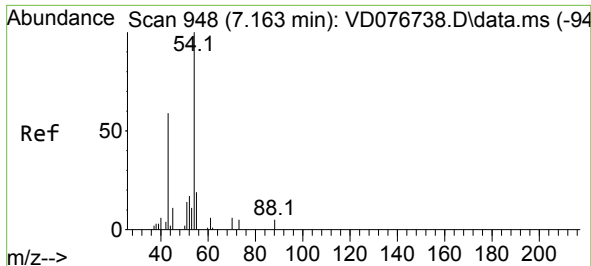


#36
 1,1-Dichloropropene
 Concen: 50.490 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.005 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29



Tgt Ion: 75 Resp: 156126
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.9 59.6
 77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 55.514 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

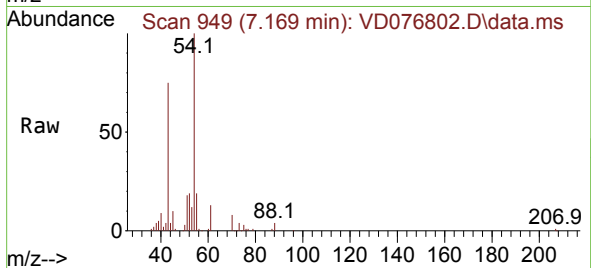
Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :



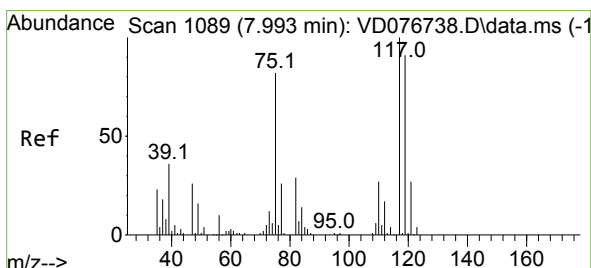
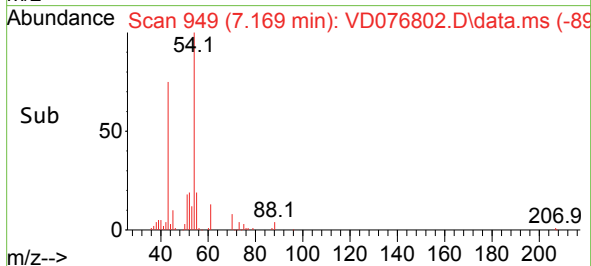
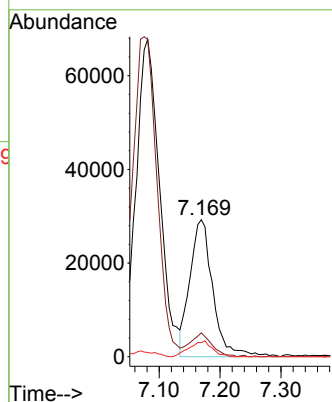
Tgt Ion: 43 Resp: 76768

Ion Ratio Lower Upper

43 100

61 15.5 14.9 22.3

70 11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 54.641 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

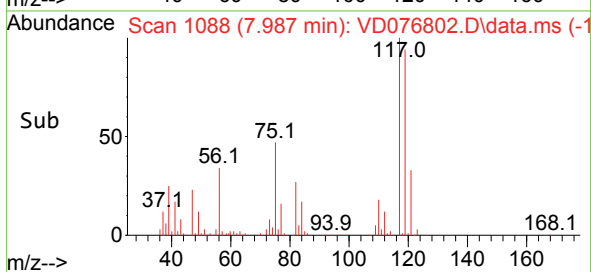
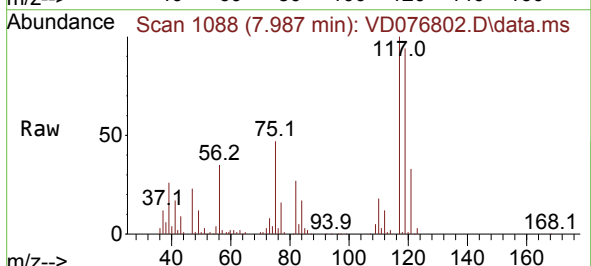
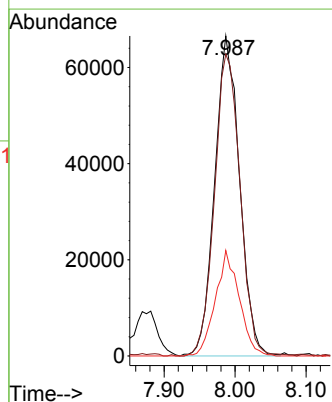
Tgt Ion: 117 Resp: 161784

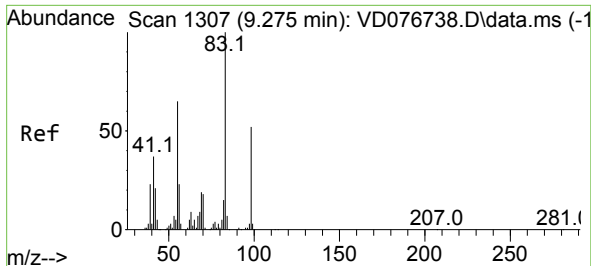
Ion Ratio Lower Upper

117 100

119 94.3 78.0 117.0

121 32.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.404 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

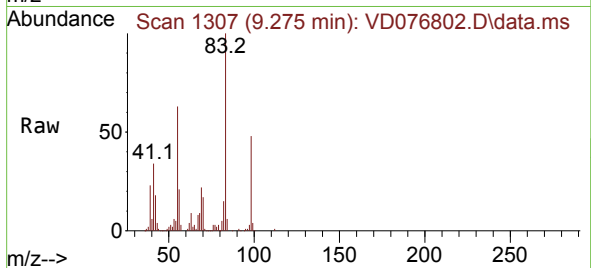
Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :



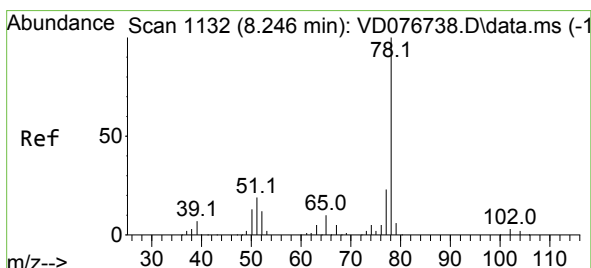
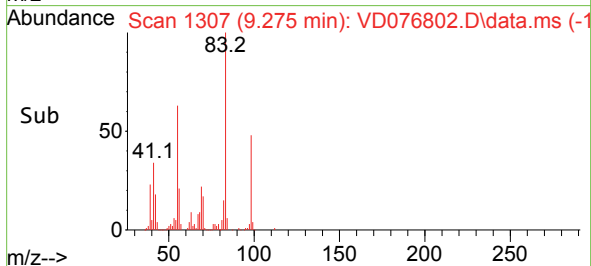
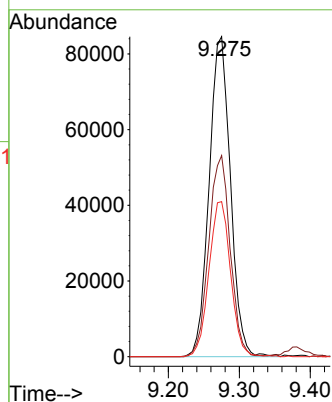
Tgt Ion: 83 Resp: 176395

Ion Ratio Lower Upper

83 100

55 62.9 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 51.214 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076802.D

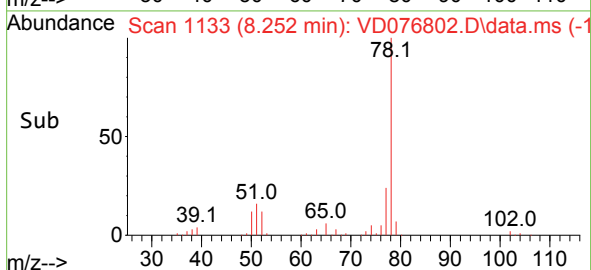
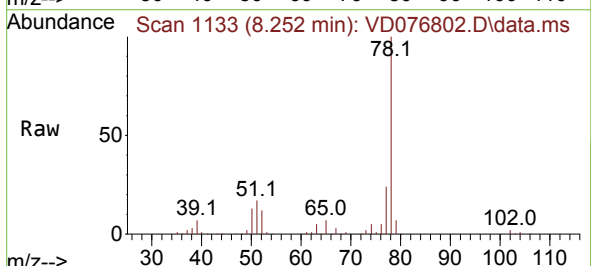
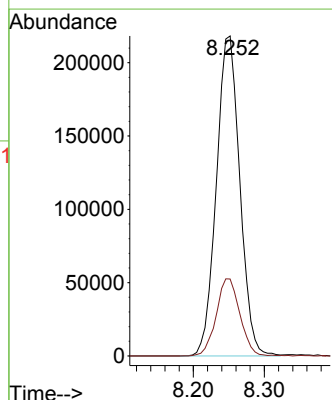
Acq: 26 Jul 2023 13:29

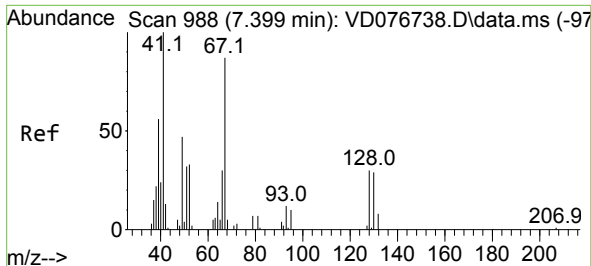
Tgt Ion: 78 Resp: 499672

Ion Ratio Lower Upper

78 100

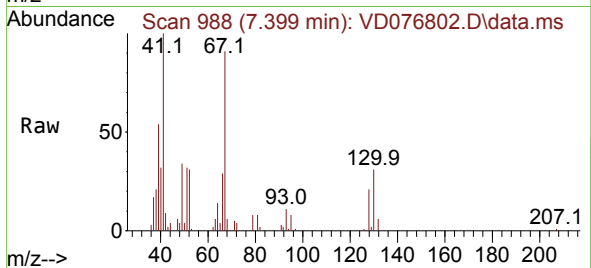
77 24.1 19.4 29.0



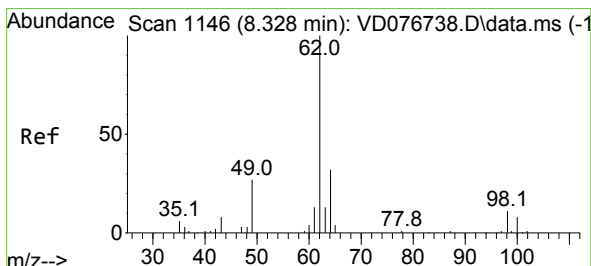
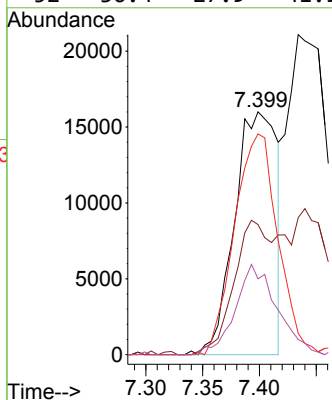
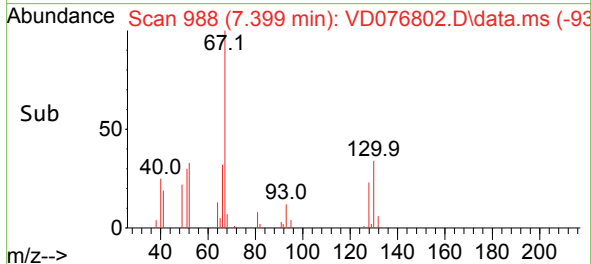


#41
Methacrylonitrile
Concen: 49.012 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

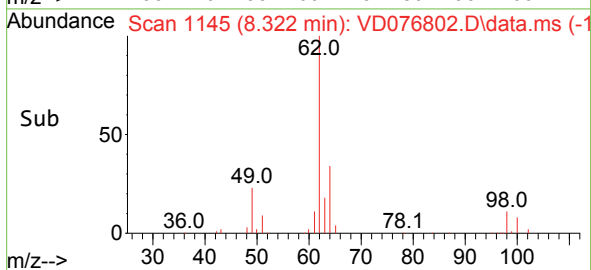
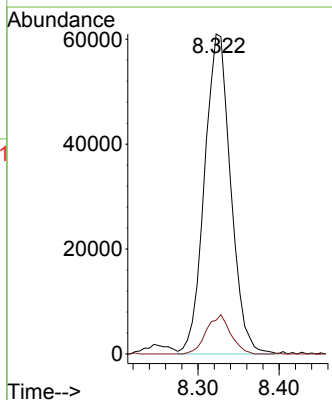
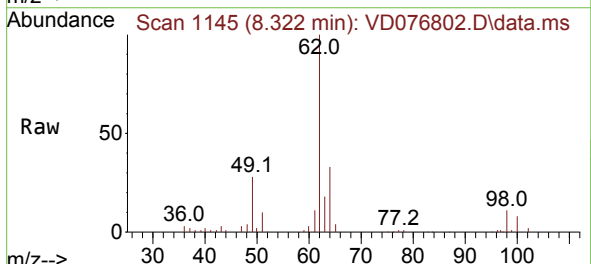


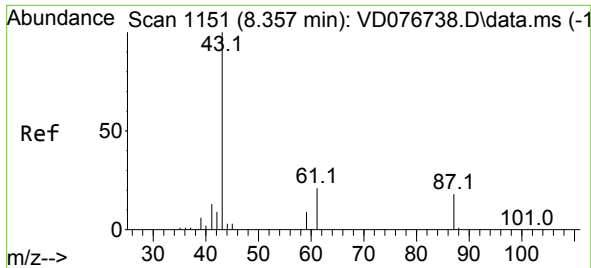
Tgt Ion:	41	Resp:	41389
Ion	Ratio	Lower	Upper
41	100		
39	47.3	34.0	51.0
67	93.3	77.0	115.4
52	36.4	27.9	41.9



#42
1,2-Dichloroethane
Concen: 53.918 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion:	62	Resp:	136686
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

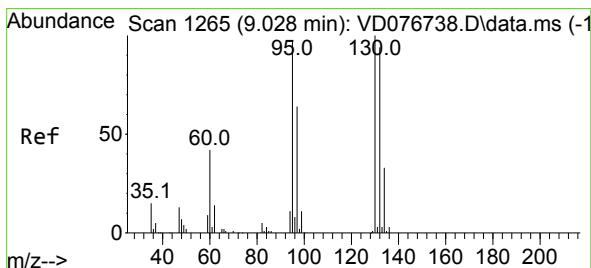
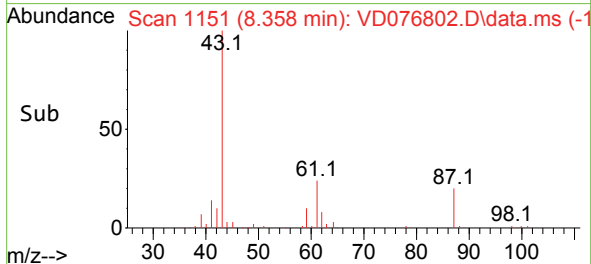
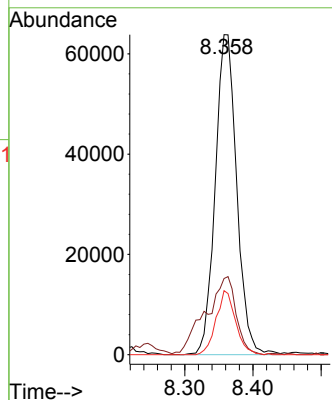
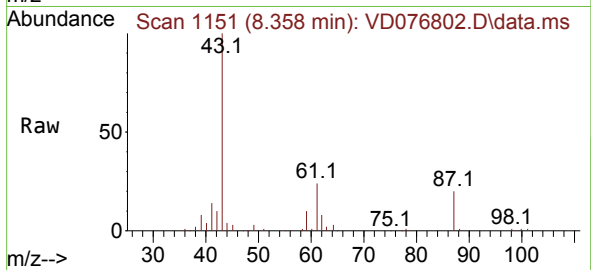




#43
Isopropyl Acetate
Concen: 51.825 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

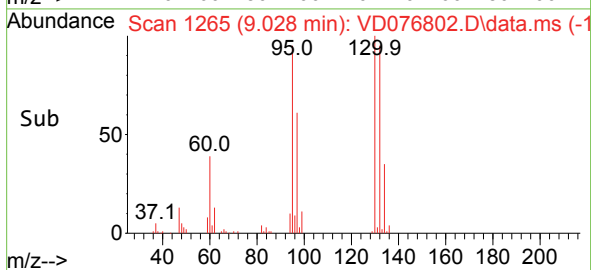
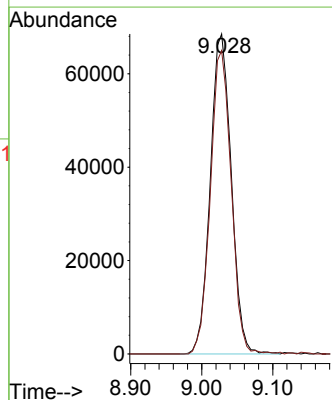
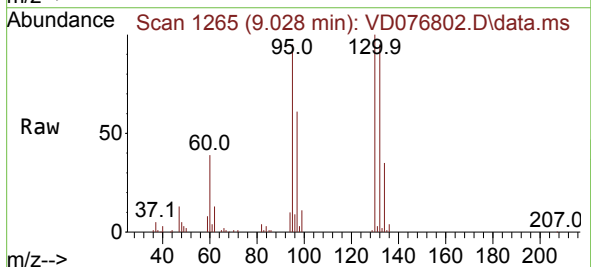
Instrument :
MSVOA_D
ClientSampleId :

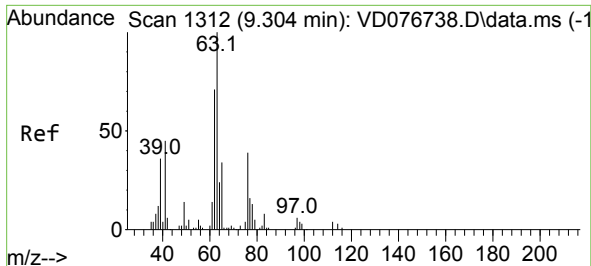
Tgt Ion: 43 Resp: 139864
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 52.922 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion:130 Resp: 140703
Ion Ratio Lower Upper
130 100
95 94.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.354 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

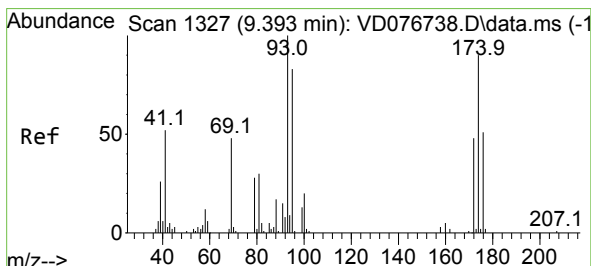
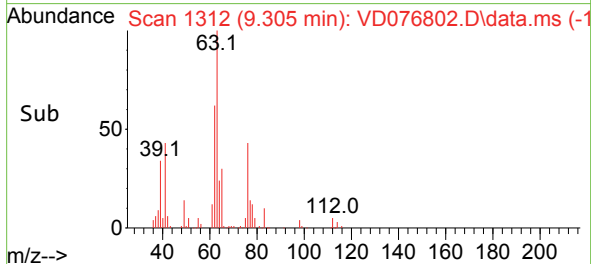
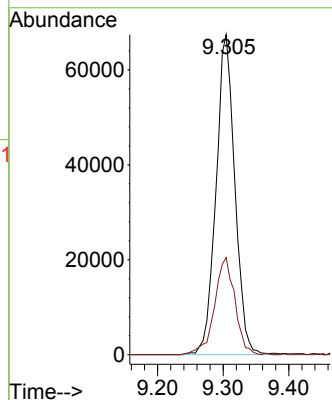
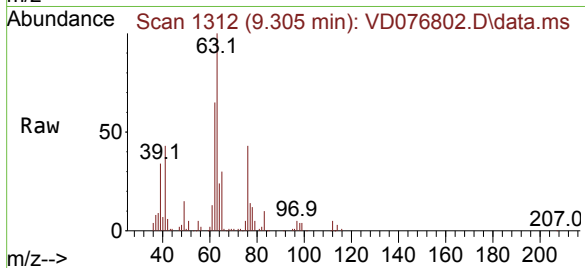
ClientSampleId :

Tgt Ion: 63 Resp: 134373

Ion Ratio Lower Upper

63 100

65 30.4 24.5 36.7



#46

Dibromomethane

Concen: 52.450 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

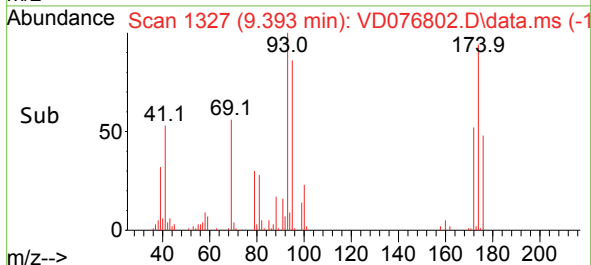
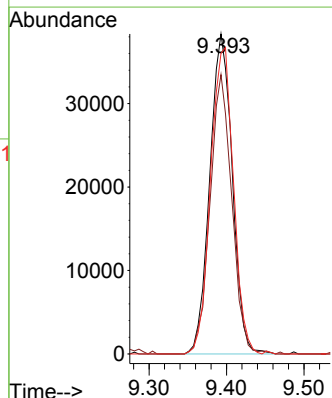
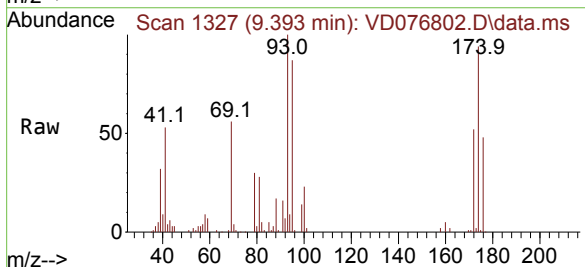
Tgt Ion: 93 Resp: 77322

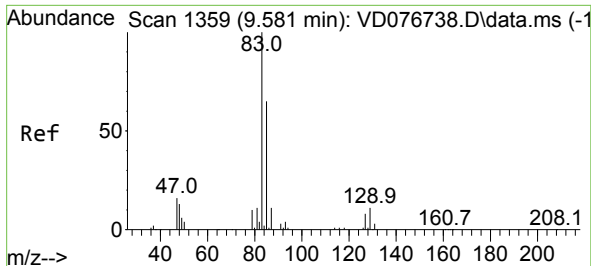
Ion Ratio Lower Upper

93 100

95 84.4 67.7 101.5

174 97.3 85.4 128.2

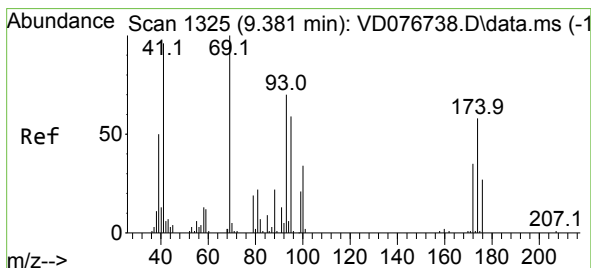
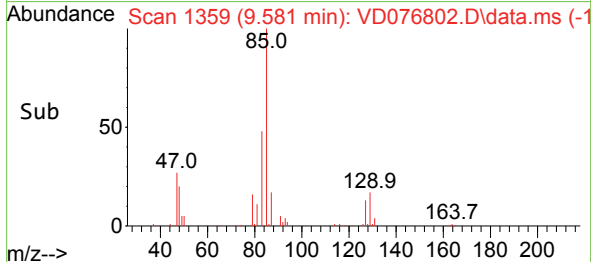
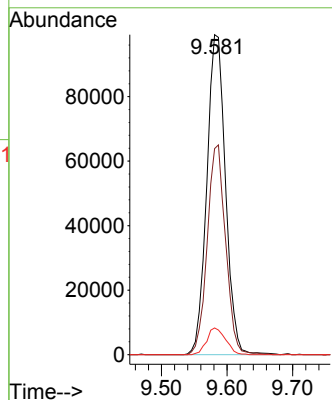
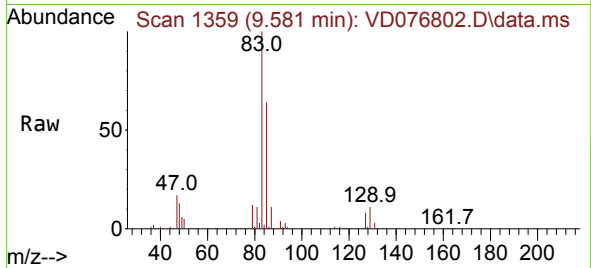




#47
Bromodichloromethane
Concen: 53.208 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

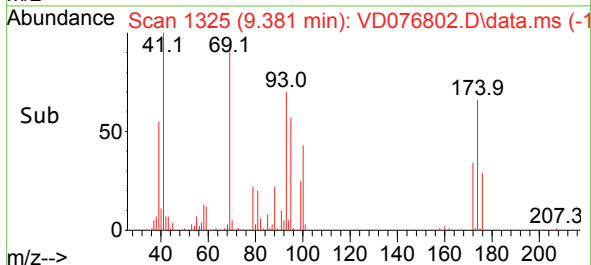
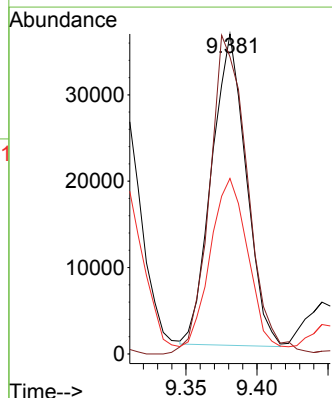
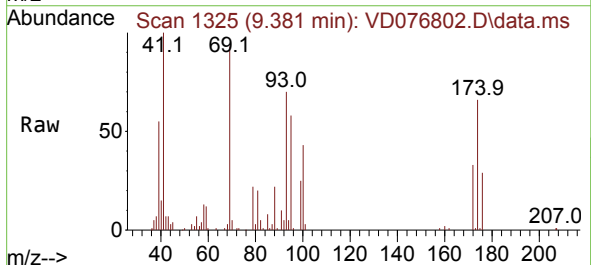
Instrument :
MSVOA_D
ClientSampleId :

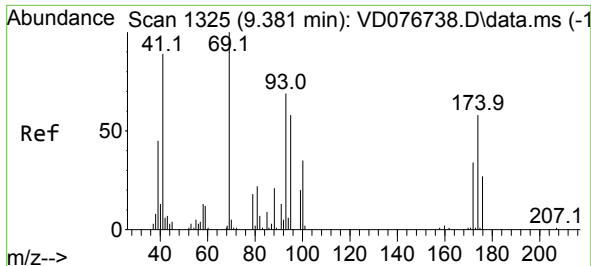
Tgt Ion: 83 Resp: 196840
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 49.534 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 41 Resp: 60843
Ion Ratio Lower Upper
41 100
69 112.2 102.2 153.2
39 63.5 41.4 62.2#





#49

1,4-Dioxane

Concen: 1050.741 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

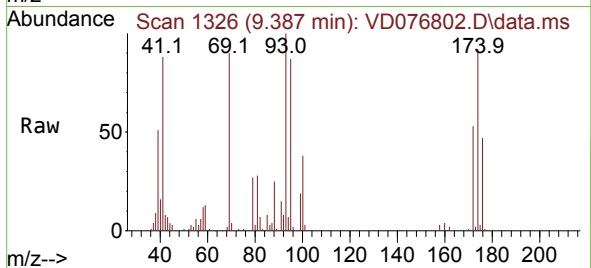
Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :



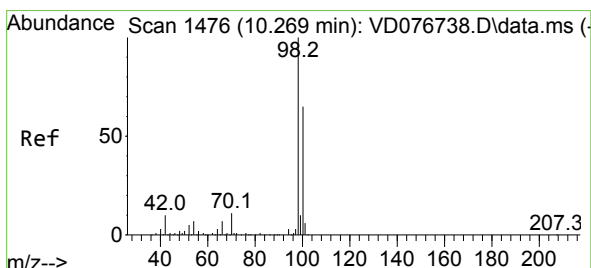
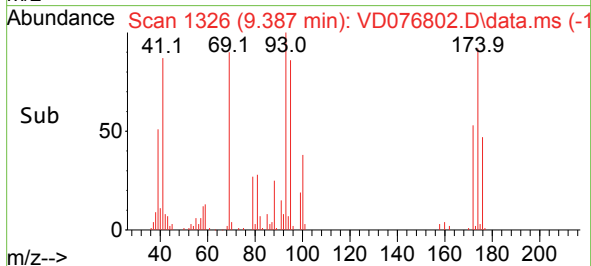
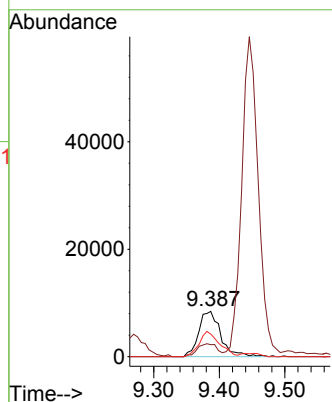
Tgt Ion: 88 Resp: 19846

Ion Ratio Lower Upper

88 100

43 26.0 19.0 28.6

58 51.1 43.5 65.3



#50

Toluene-d8

Concen: 48.784 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076802.D

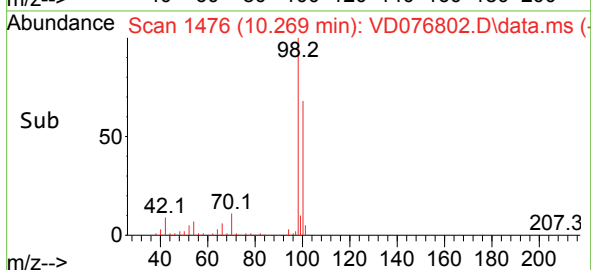
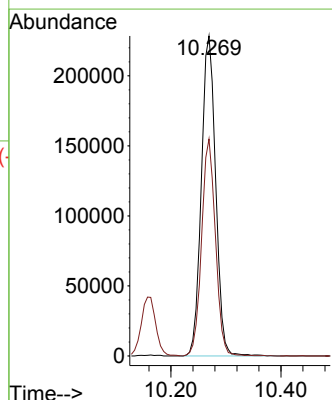
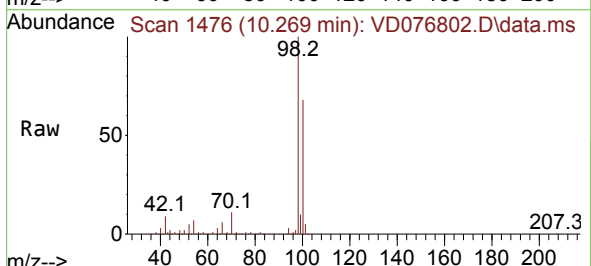
Acq: 26 Jul 2023 13:29

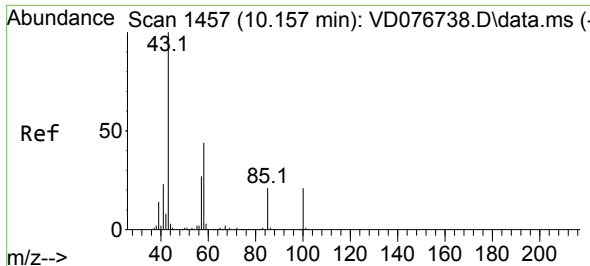
Tgt Ion: 98 Resp: 412974

Ion Ratio Lower Upper

98 100

100 65.8 50.3 75.5

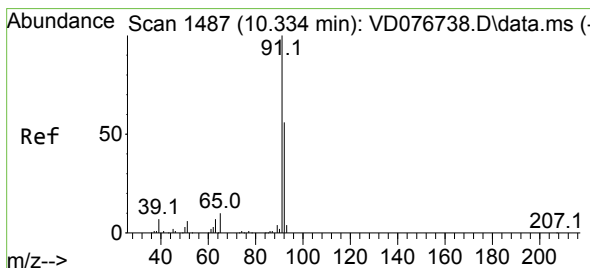
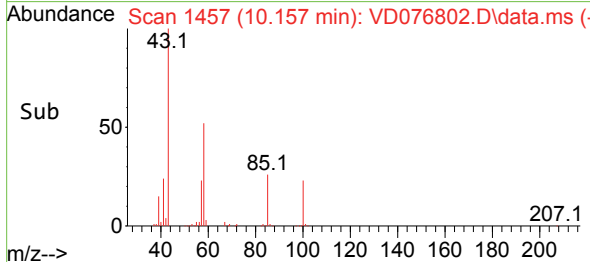
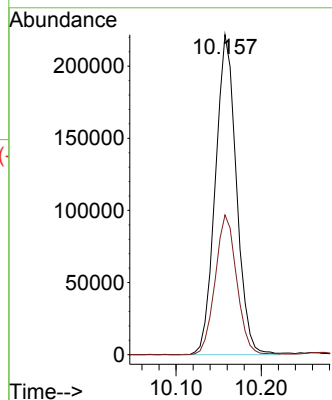
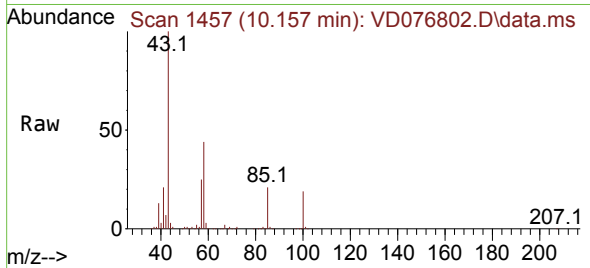




#51
4-Methyl-2-Pentanone
Concen: 265.191 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

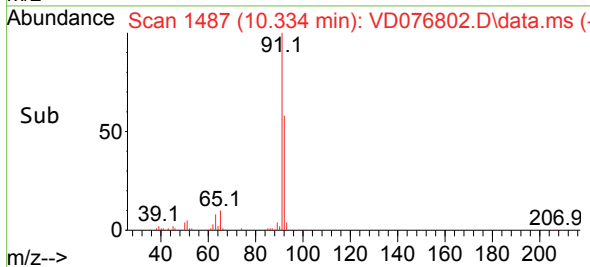
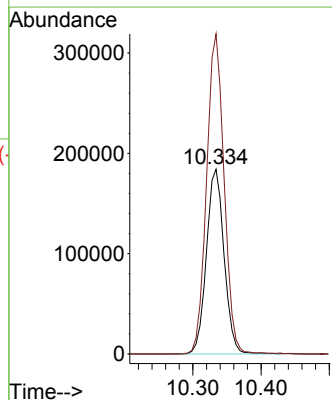
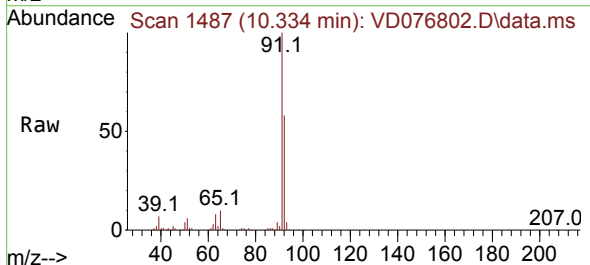
Instrument :
MSVOA_D
ClientSampleId :

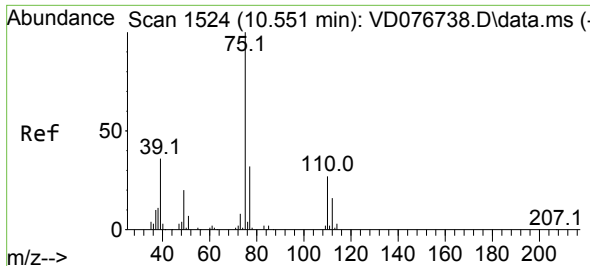
Tgt Ion: 43 Resp: 381059
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 51.810 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 92 Resp: 331998
Ion Ratio Lower Upper
92 100
91 171.9 143.0 214.4

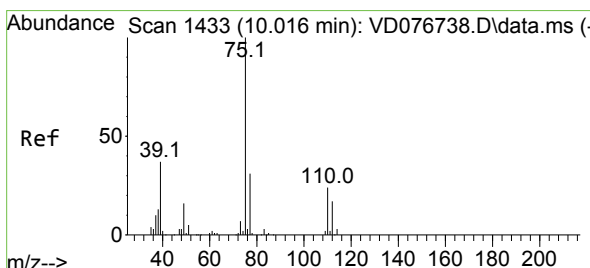
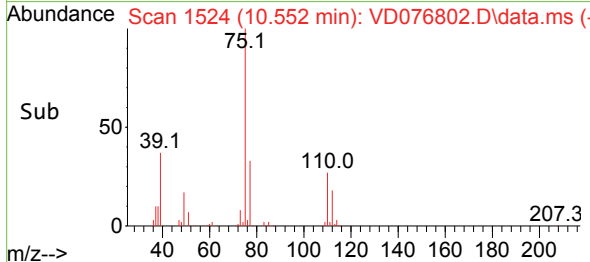
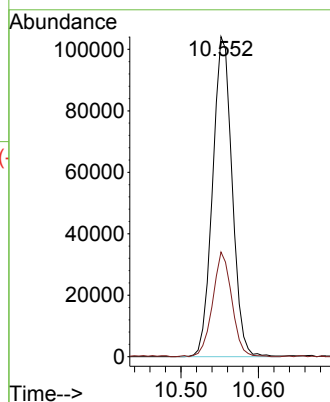
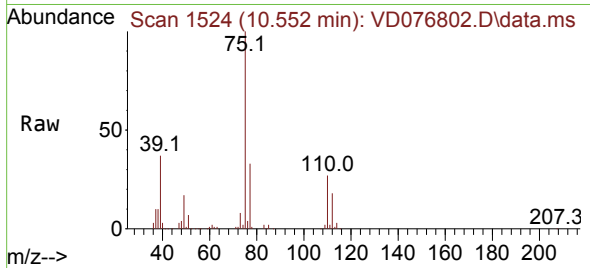




#53
t-1,3-Dichloropropene
Concen: 52.991 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

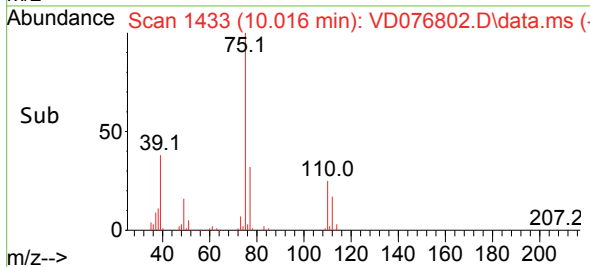
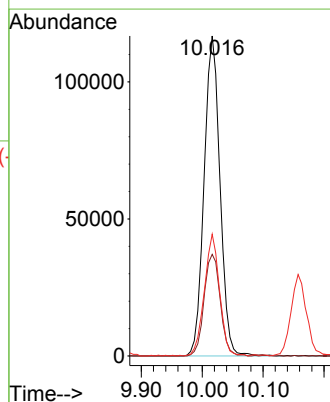
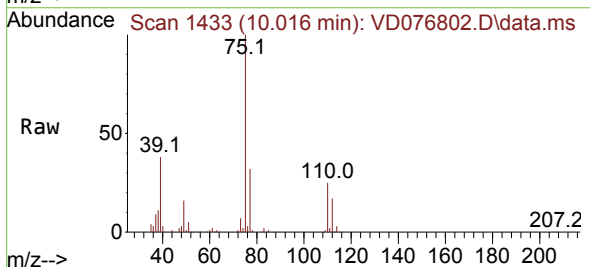
Instrument :
MSVOA_D
ClientSampleId :

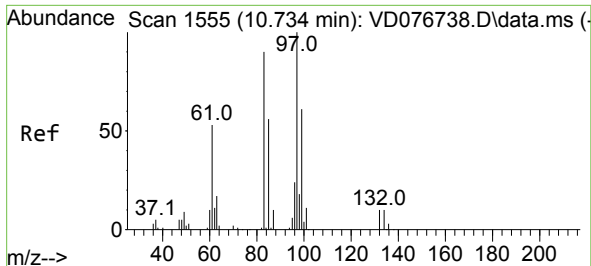
Tgt Ion: 75 Resp: 181960
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.415 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 75 Resp: 212117
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 37.8 22.1 33.1#

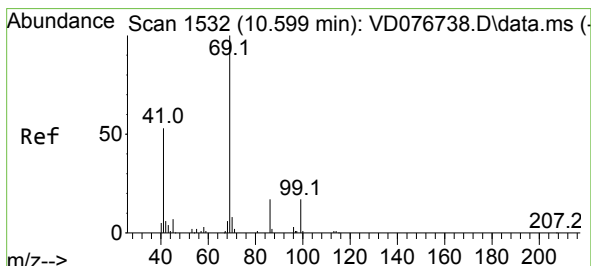
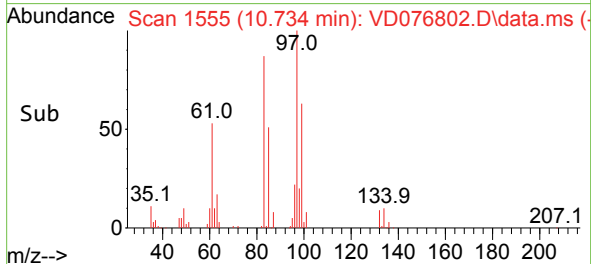
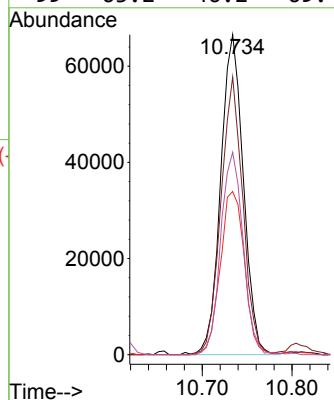
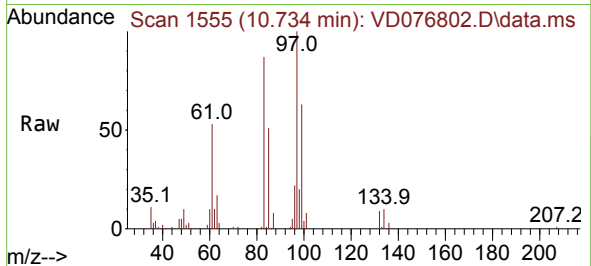




#55
1,1,2-Trichloroethane
Concen: 54.283 ug/l
RT: 10.734 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

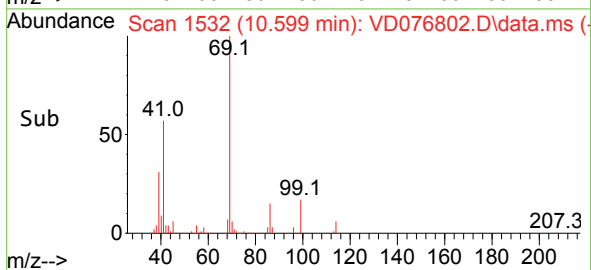
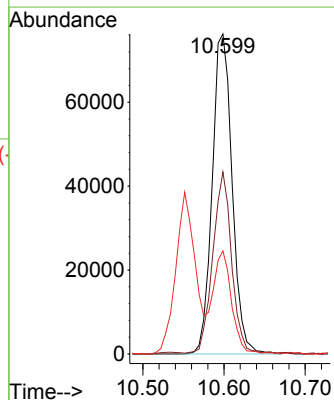
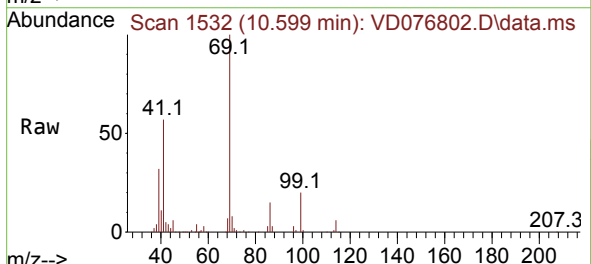
Instrument :
MSVOA_D
ClientSampleId :

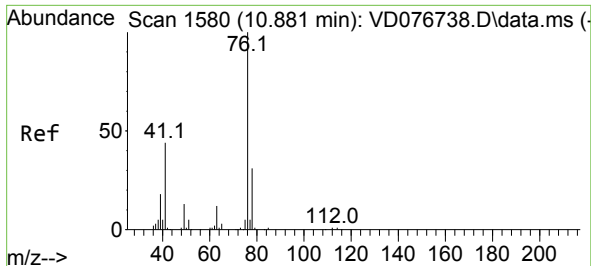
Tgt Ion: 97	Resp: 116855
Ion Ratio	Lower Upper
97 100	
83 86.8	65.8 98.6
85 51.0	45.7 68.5
99 63.2	46.2 69.4



#56
Ethyl methacrylate
Concen: 52.298 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 69	Resp: 129943
Ion Ratio	Lower Upper
69 100	
41 53.4	39.1 58.7
39 30.5	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 52.309 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

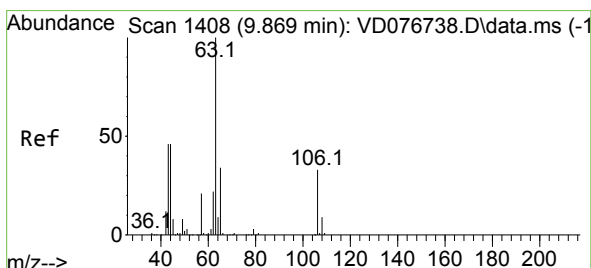
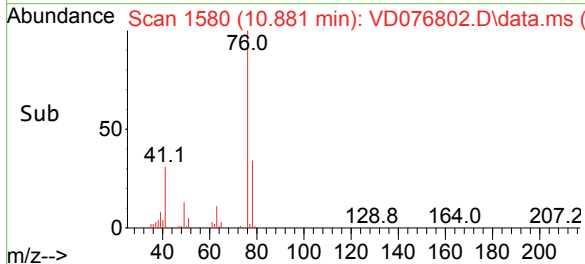
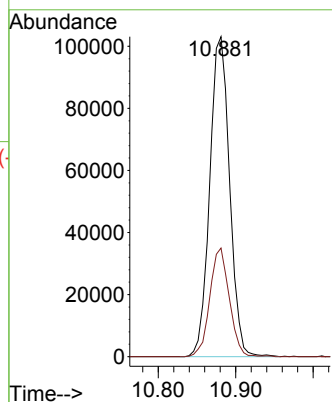
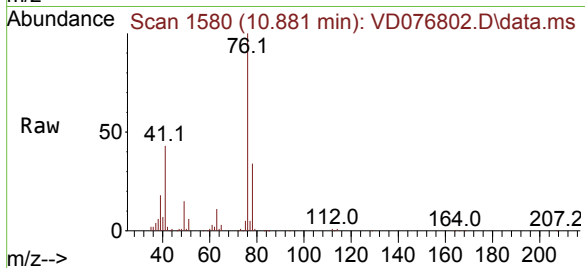
ClientSampleId :

Tgt Ion: 76 Resp: 183382

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 212.186 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076802.D

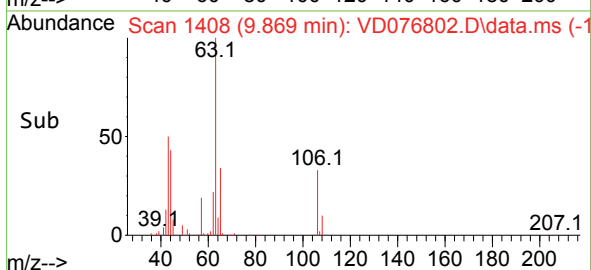
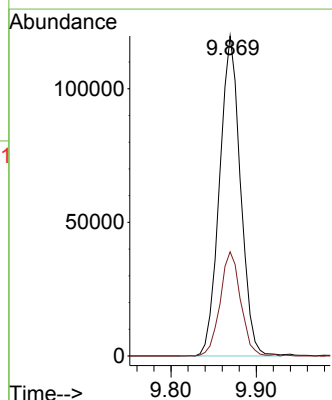
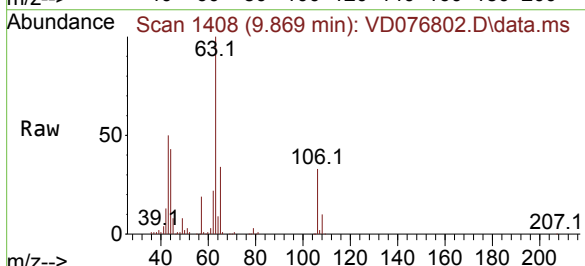
Acq: 26 Jul 2023 13:29

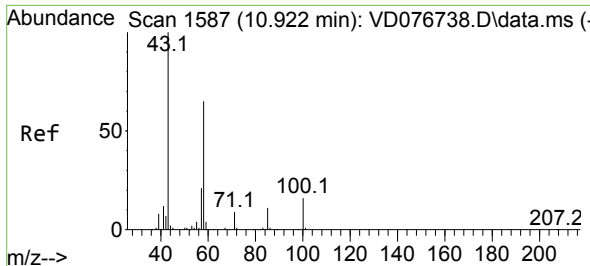
Tgt Ion: 63 Resp: 204071

Ion Ratio Lower Upper

63 100

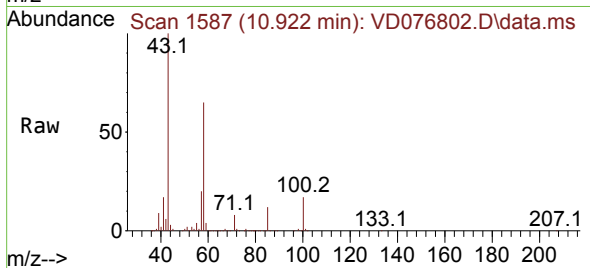
106 32.0 25.3 37.9



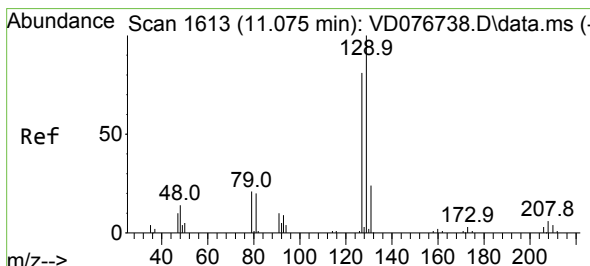
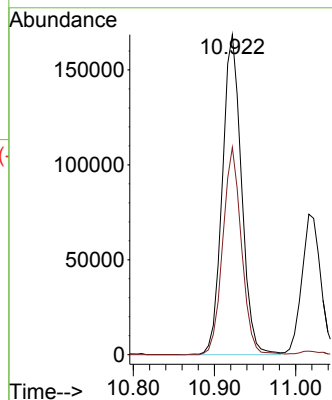
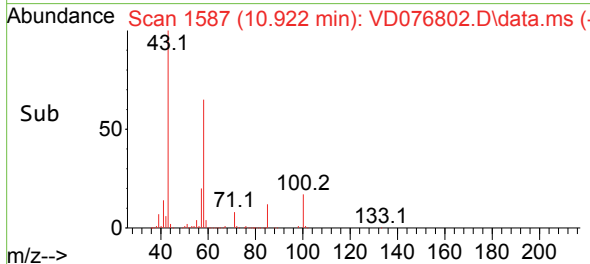


#59
2-Hexanone
Concen: 270.031 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Instrument :
MSVOA_D
ClientSampleId :

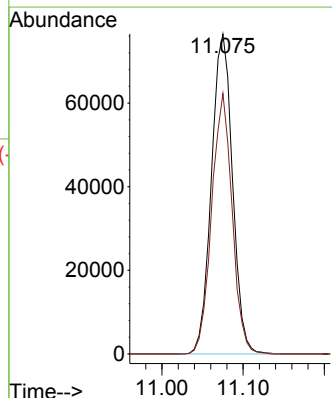
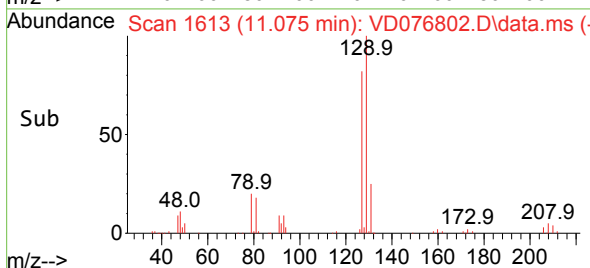
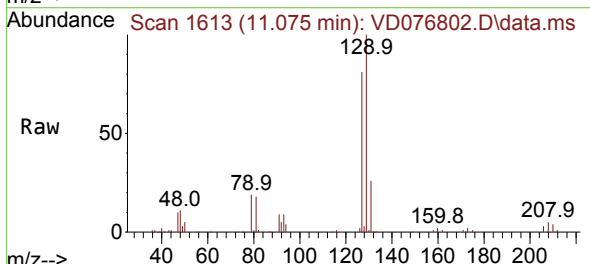


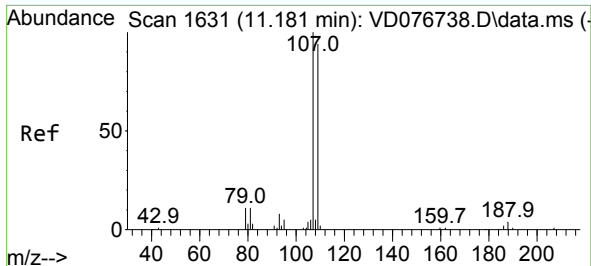
Tgt Ion: 43 Resp: 276864
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 55.073 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 129 Resp: 137728
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5

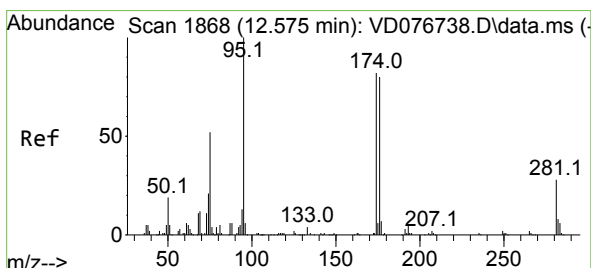
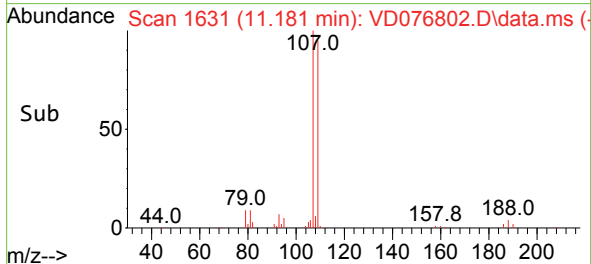
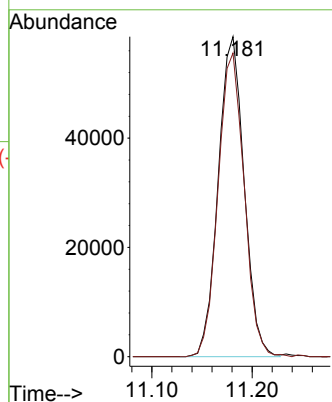
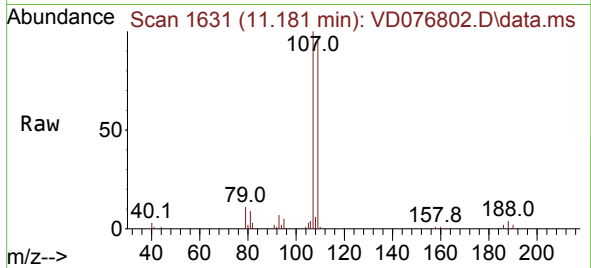




#61
1,2-Dibromoethane
Concen: 52.633 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

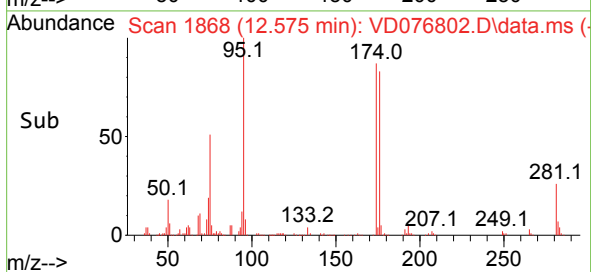
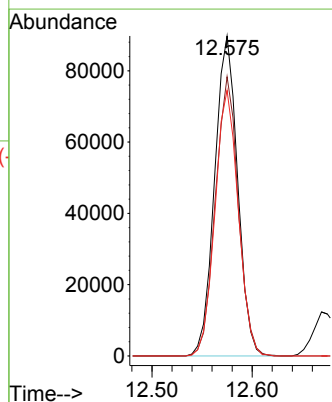
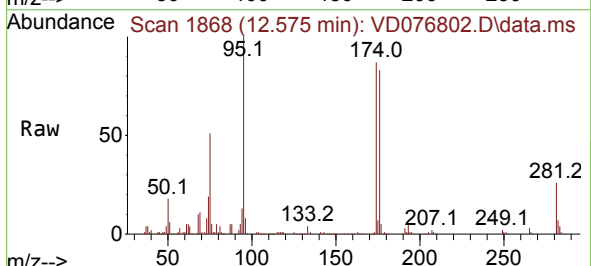
Instrument :
MSVOA_D
ClientSampleId :

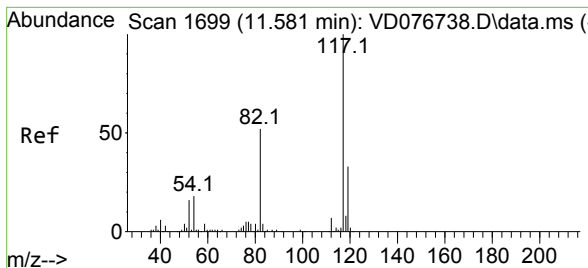
Tgt Ion:107 Resp: 105046
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.050 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 95 Resp: 142542
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 84.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

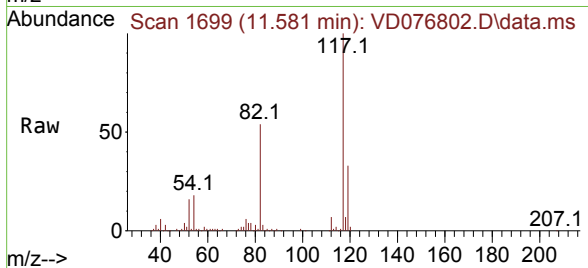
Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :



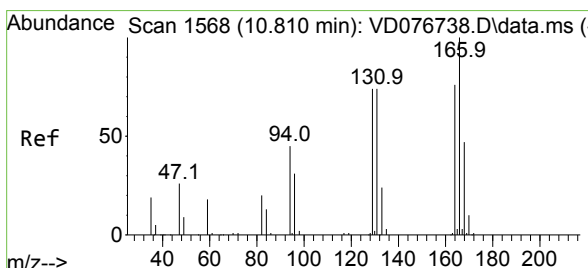
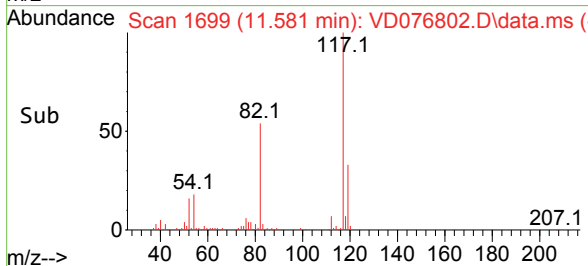
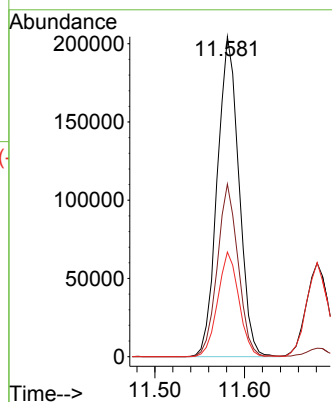
Tgt Ion:117 Resp: 342775

Ion Ratio Lower Upper

117 100

82 53.9 38.3 57.5

119 32.7 25.0 37.4



#64

Tetrachloroethene

Concen: 57.607 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Tgt Ion:164 Resp: 112597

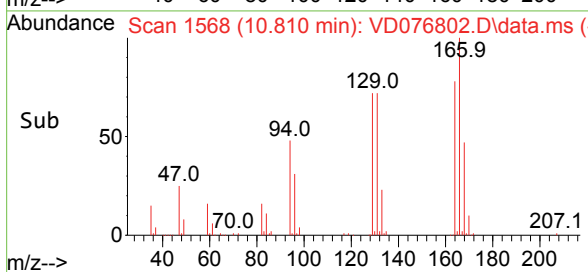
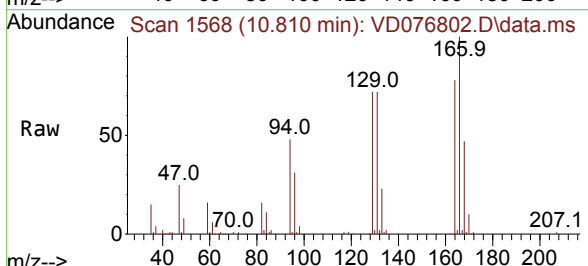
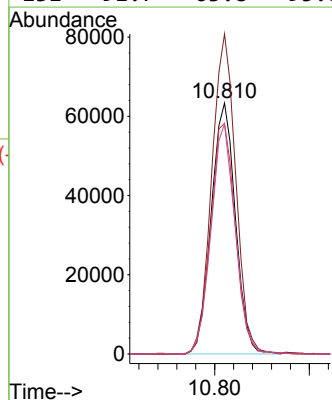
Ion Ratio Lower Upper

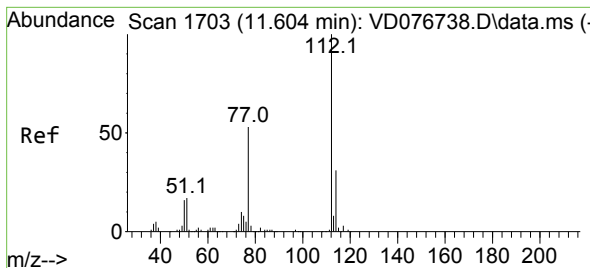
164 100

166 127.6 99.2 148.8

129 92.0 68.4 102.6

131 91.7 63.8 95.8





#65

Chlorobenzene

Concen: 54.169 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

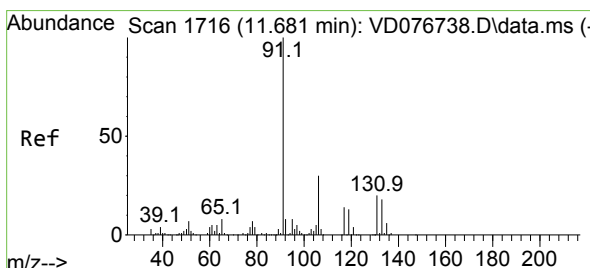
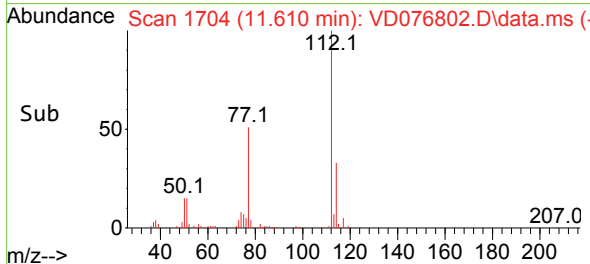
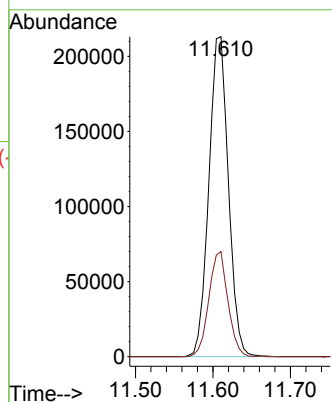
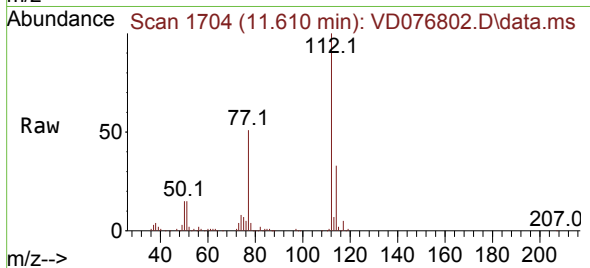
ClientSampleId :

Tgt Ion:112 Resp: 373438

Ion Ratio Lower Upper

112 100

114 32.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 55.945 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

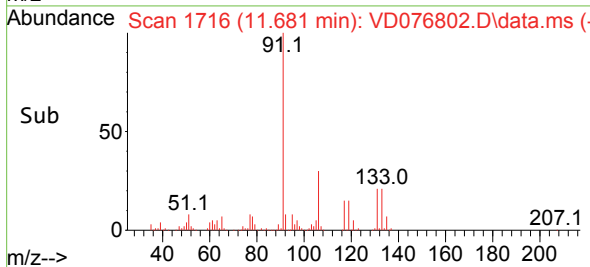
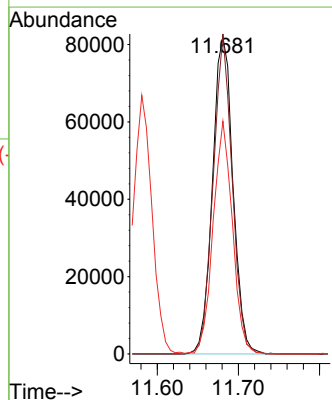
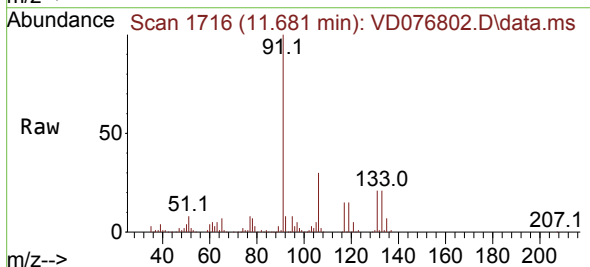
Tgt Ion:131 Resp: 143592

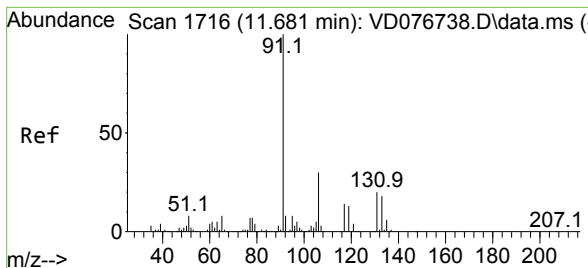
Ion Ratio Lower Upper

131 100

133 93.8 48.5 145.5

119 69.3 35.6 106.9





#67

Ethyl Benzene

Concen: 53.361 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

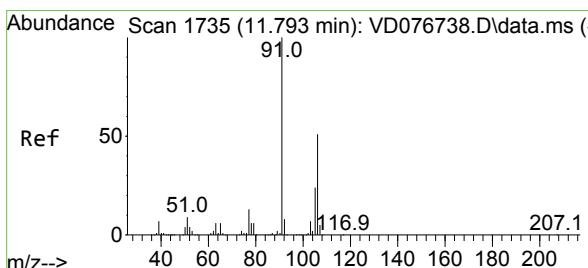
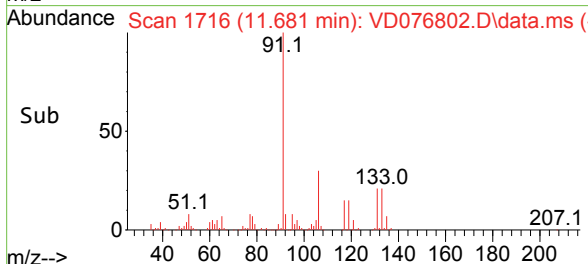
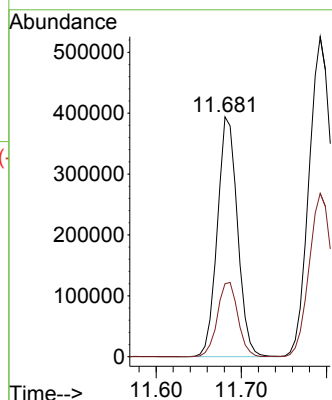
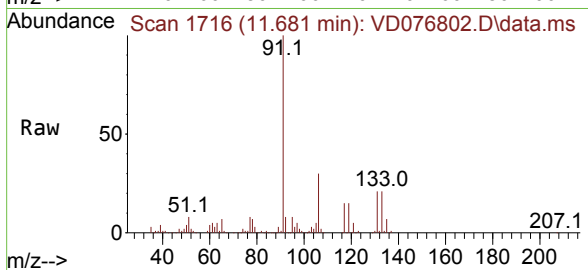
ClientSampleId :

Tgt Ion: 91 Resp: 646049

Ion Ratio Lower Upper

91 100

106 30.4 26.5 39.7



#68

m/p-Xylenes

Concen: 107.994 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076802.D

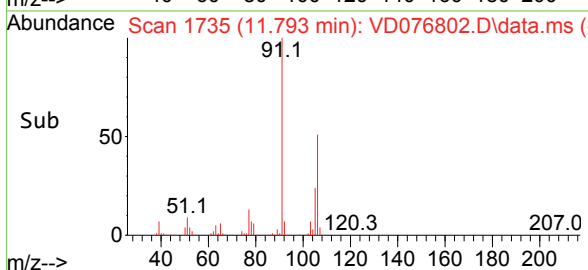
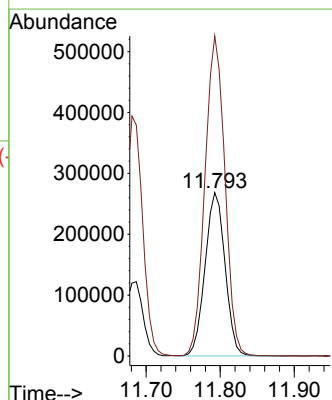
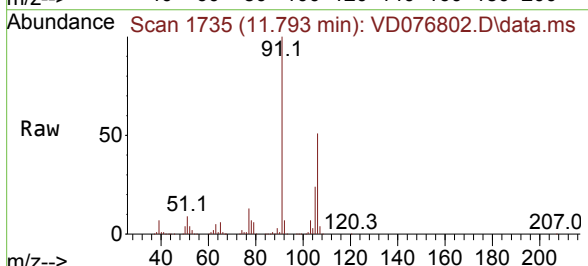
Acq: 26 Jul 2023 13:29

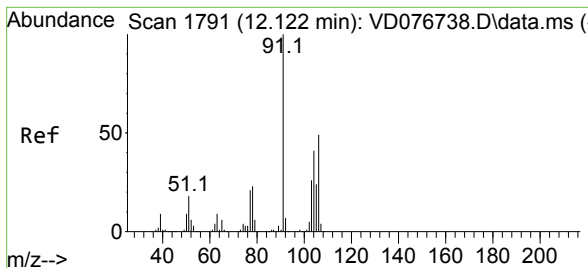
Tgt Ion:106 Resp: 502154

Ion Ratio Lower Upper

106 100

91 195.6 147.0 220.6





#69

o-Xylene

Concen: 53.413 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

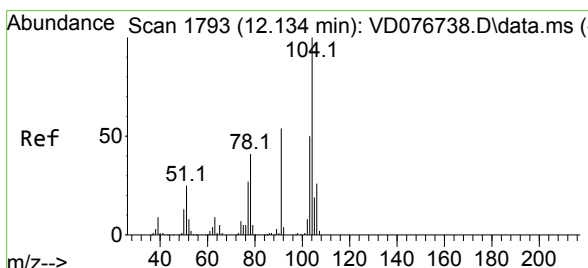
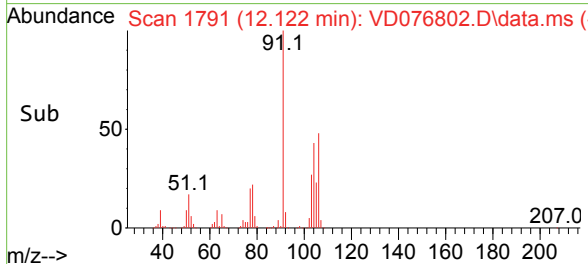
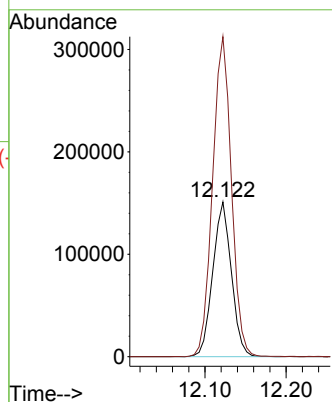
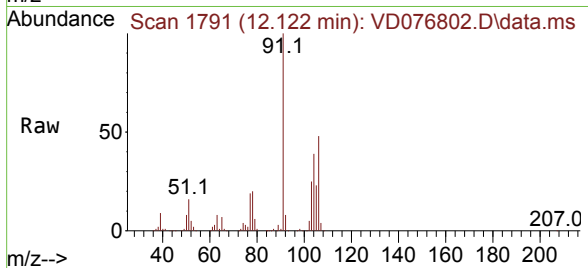
ClientSampleId :

Tgt Ion:106 Resp: 240169

Ion Ratio Lower Upper

106 100

91 209.7 97.9 293.6



#70

Styrene

Concen: 54.217 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

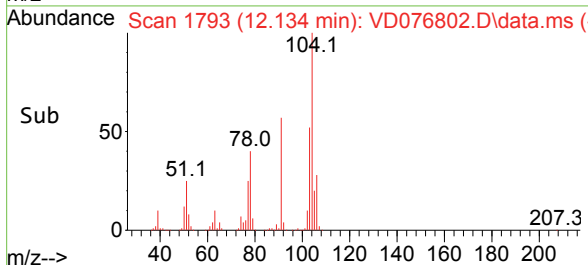
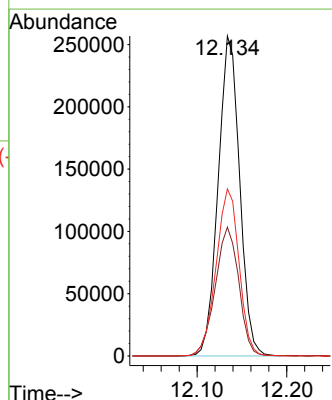
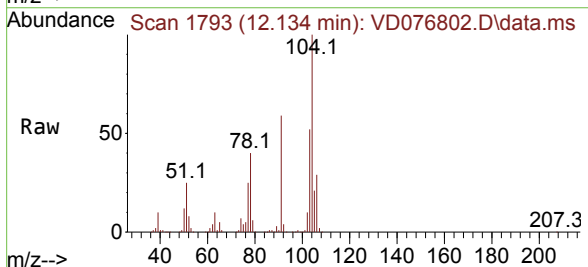
Tgt Ion:104 Resp: 426764

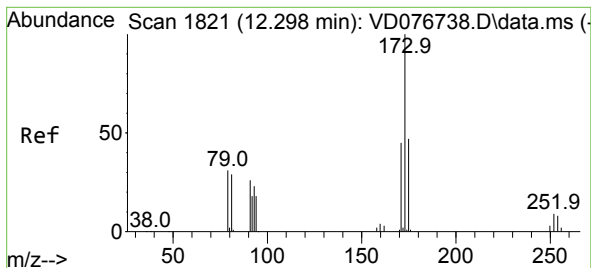
Ion Ratio Lower Upper

104 100

78 44.2 33.2 49.8

103 55.8 43.6 65.4





#71

Bromoform

Concen: 59.003 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076802.D

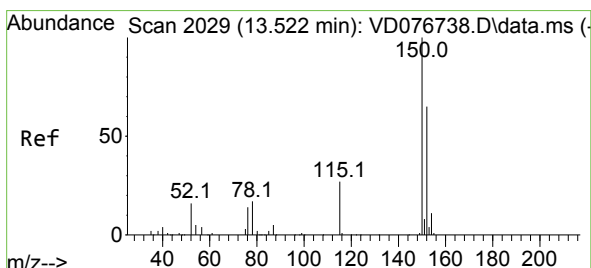
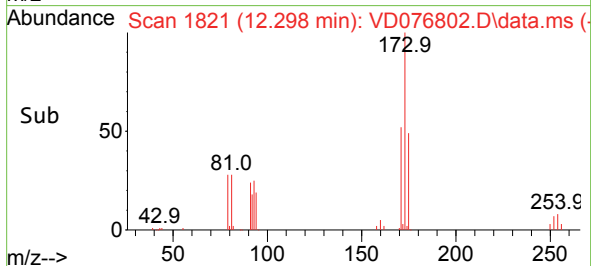
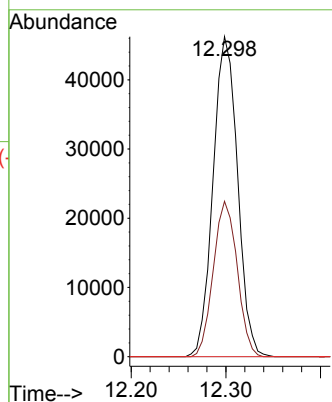
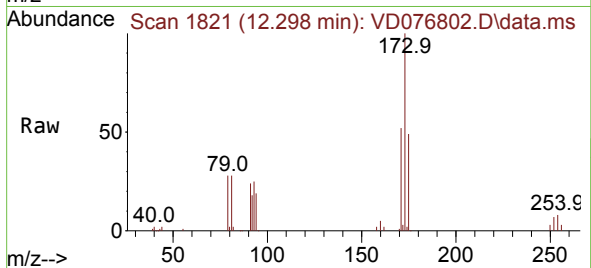
Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	82941
Ion Ratio	Lower	Upper
173	100	
175	47.4	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

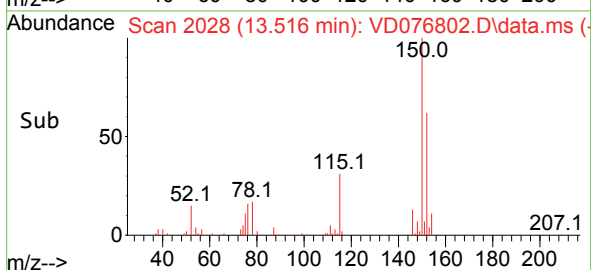
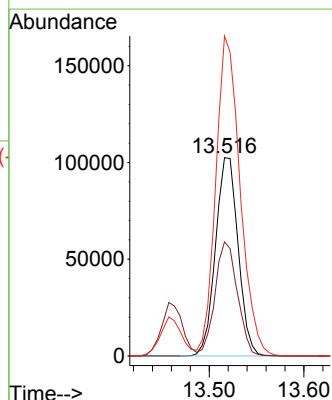
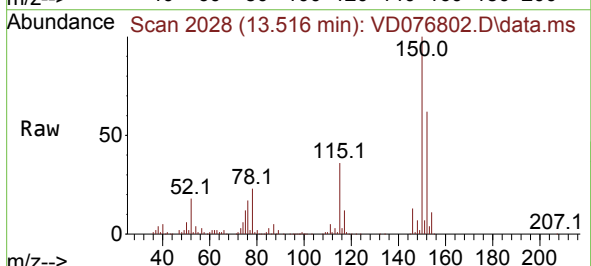
RT: 13.516 min Scan# 2028

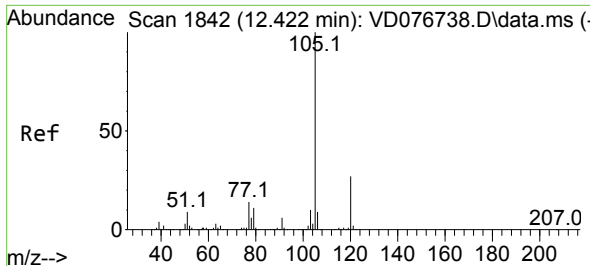
Delta R.T. -0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Tgt Ion:152	Resp:	170408
Ion Ratio	Lower	Upper
152	100	
115	57.1	27.1 81.3
150	173.2	0.0 353.6

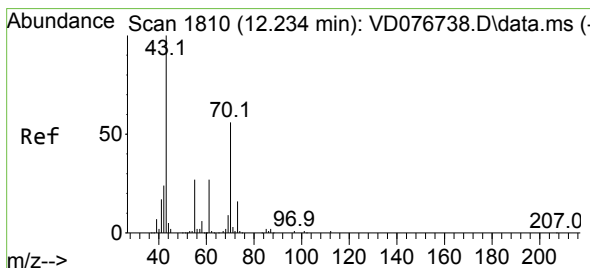
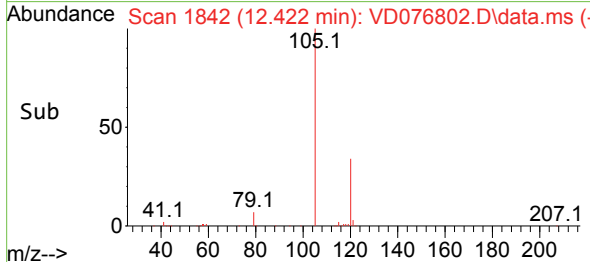
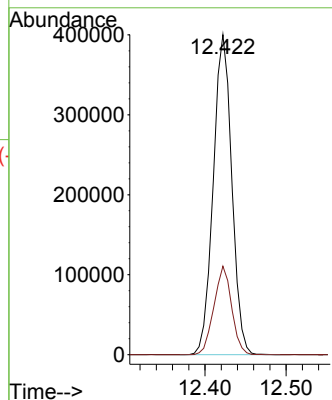
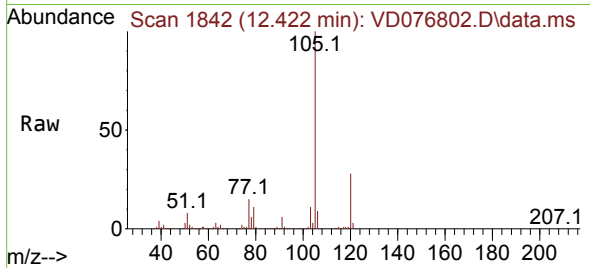




#73
Isopropylbenzene
Concen: 51.310 ug/l
RT: 12.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

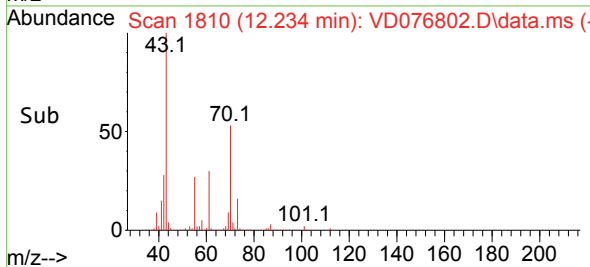
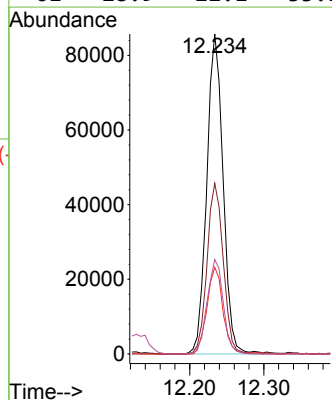
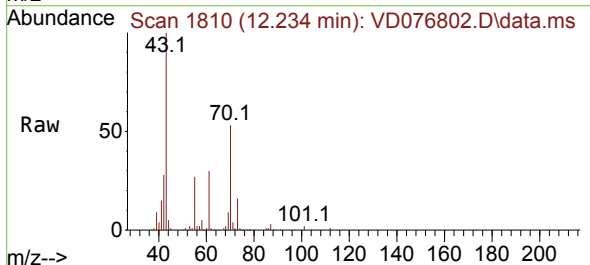
Instrument :
MSVOA_D
ClientSampleId :

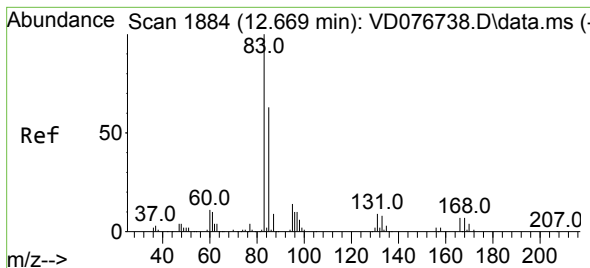
Tgt Ion:105 Resp: 634367
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 50.542 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 43 Resp: 131643
Ion Ratio Lower Upper
43 100
70 52.7 45.0 67.4
55 26.4 23.8 35.6
61 28.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.885 ug/l

RT: 12.675 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

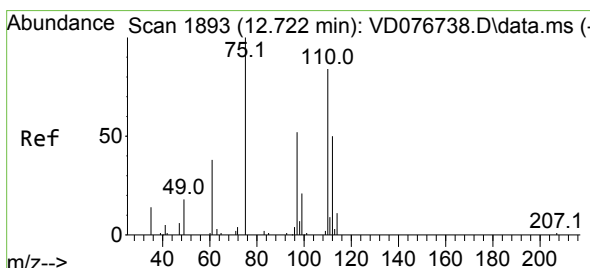
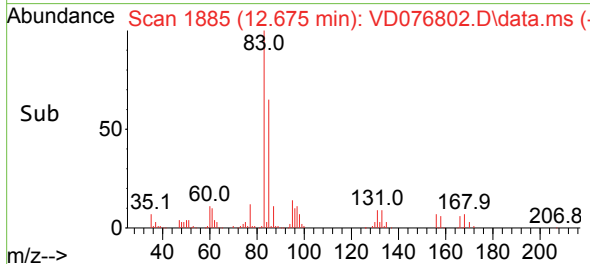
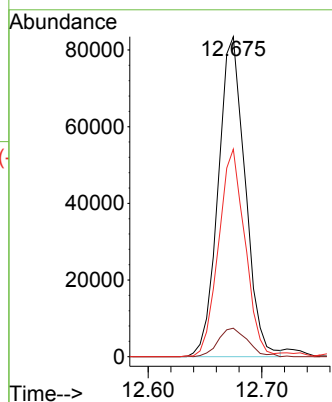
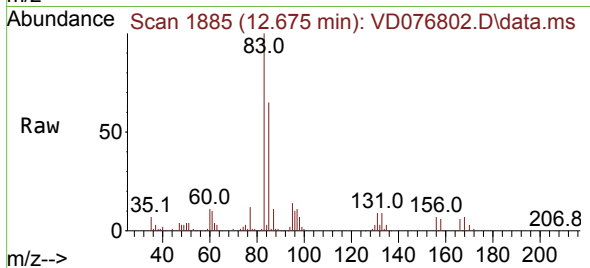
Tgt Ion: 83 Resp: 137730

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 63.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 97.934 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076802.D

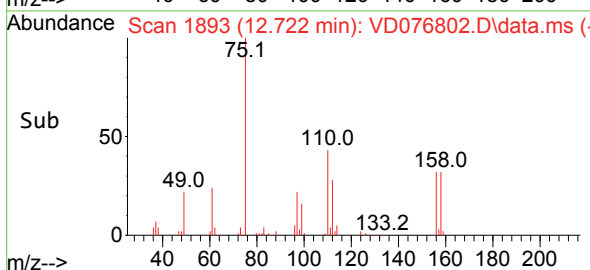
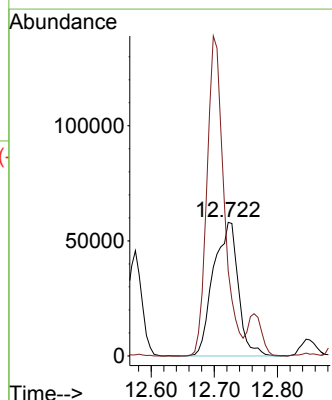
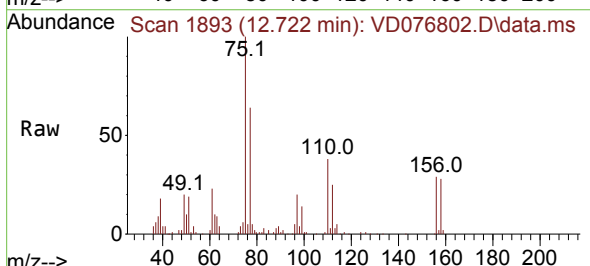
Acq: 26 Jul 2023 13:29

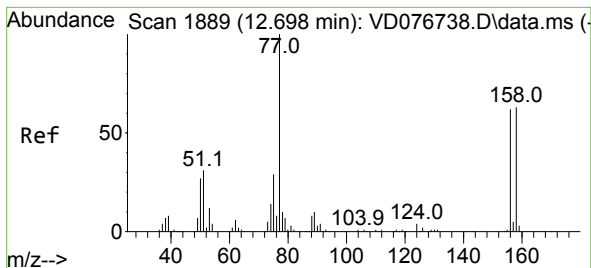
Tgt Ion: 75 Resp: 158708

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.265 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

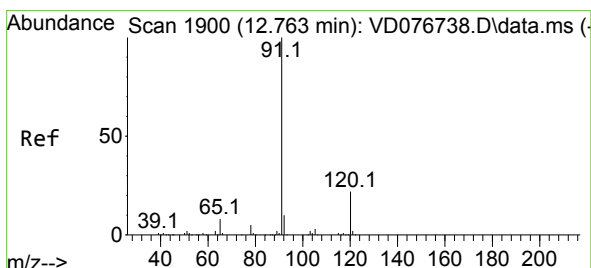
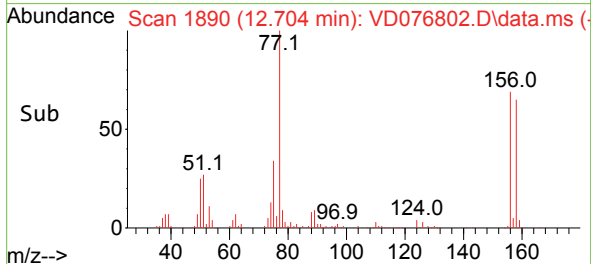
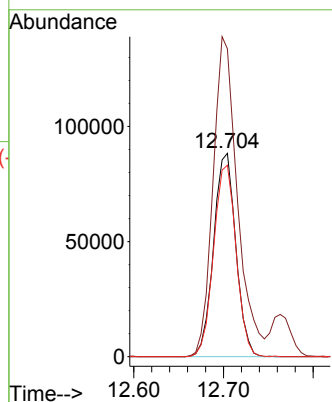
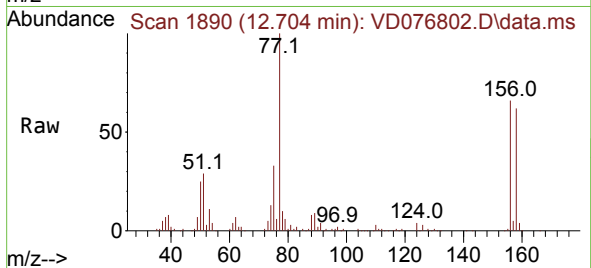
Tgt Ion:156 Resp: 152006

Ion Ratio Lower Upper

156 100

77 172.7 76.8 230.4

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 51.848 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076802.D

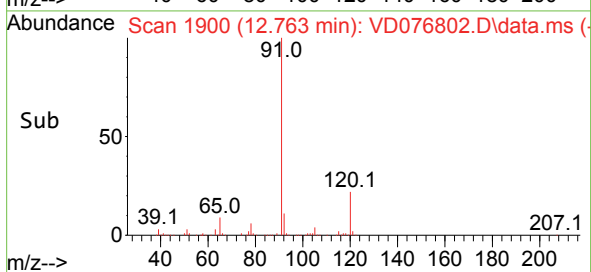
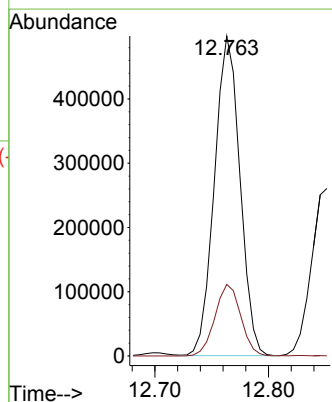
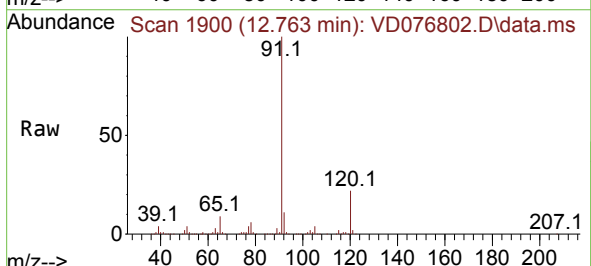
Acq: 26 Jul 2023 13:29

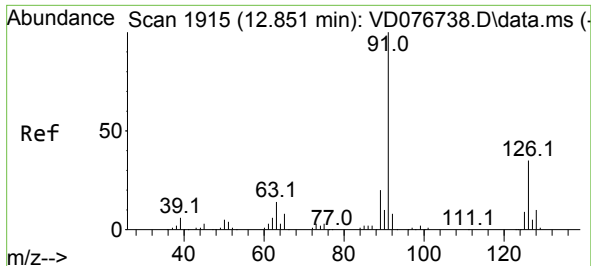
Tgt Ion: 91 Resp: 777119

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2

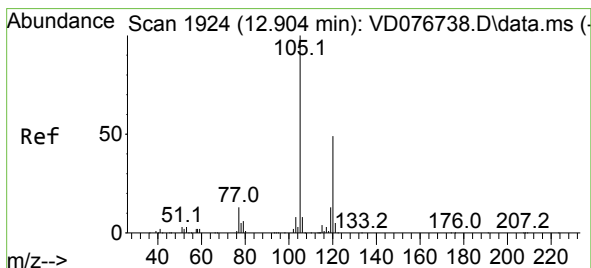
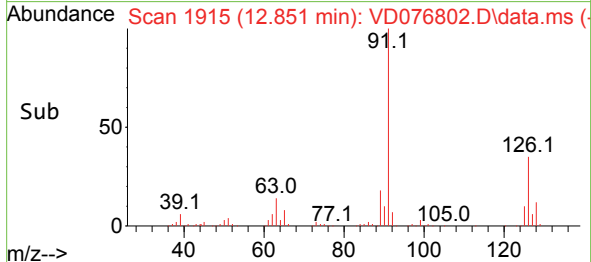
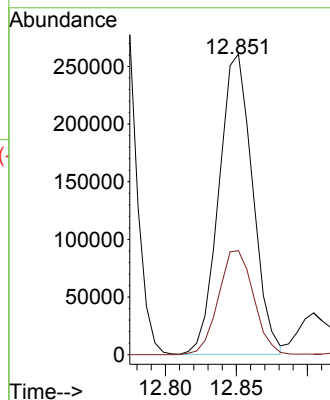
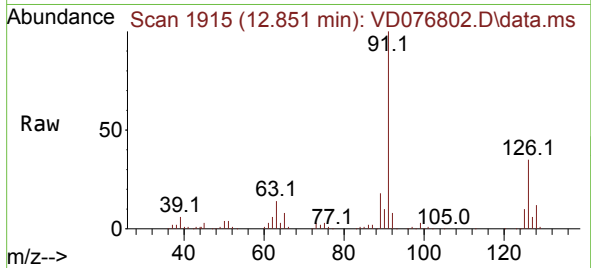




#79
2-Chlorotoluene
Concen: 52.440 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

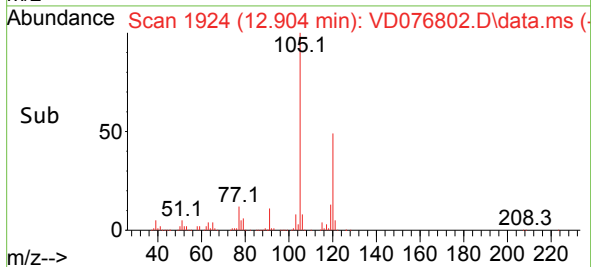
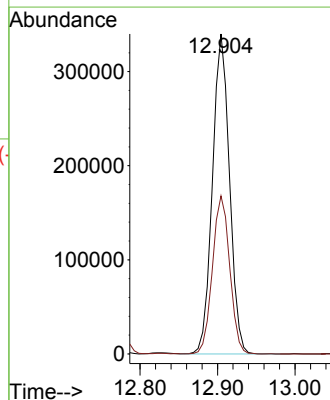
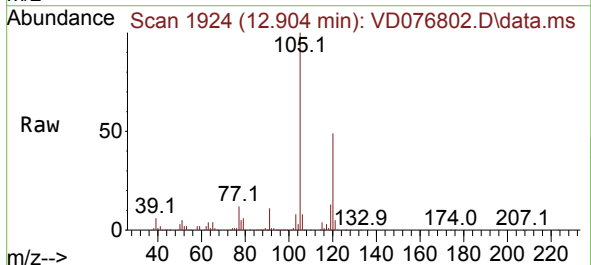
Instrument :
MSVOA_D
ClientSampleId :

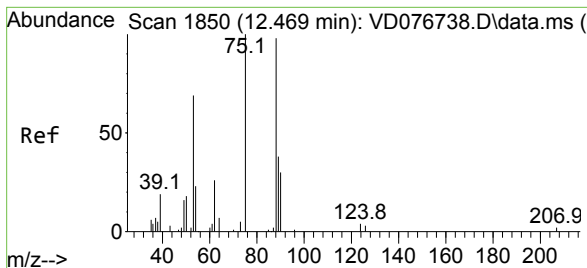
Tgt Ion: 91 Resp: 430969
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.940 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 105 Resp: 519240
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

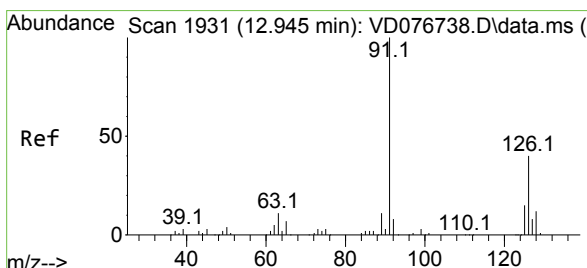
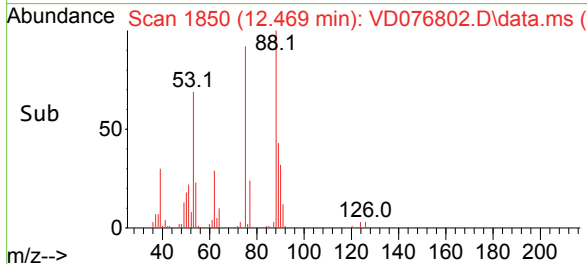
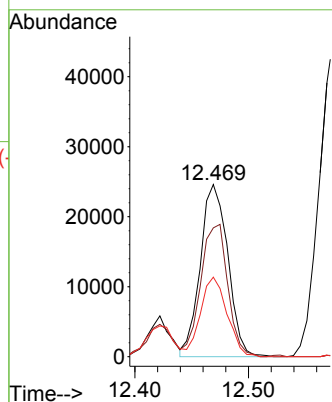
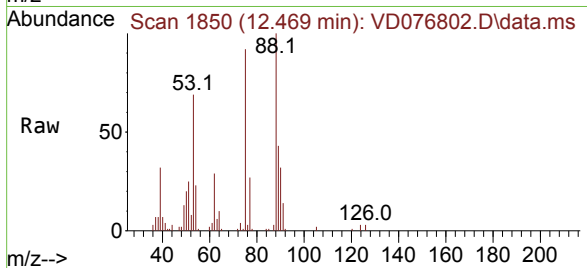




#81
trans-1,4-Dichloro-2-butene
Concen: 54.511 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

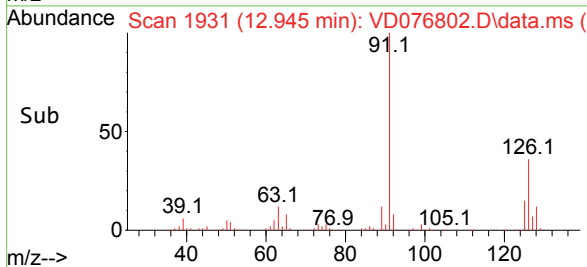
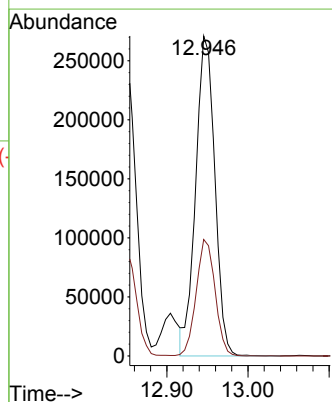
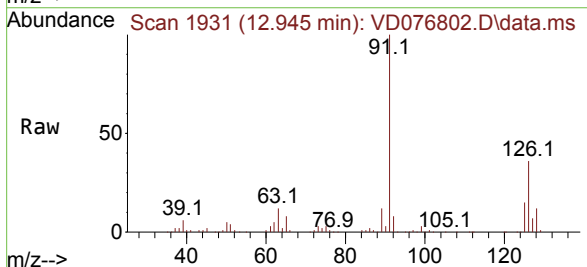
Instrument :
MSVOA_D
ClientSampleId :

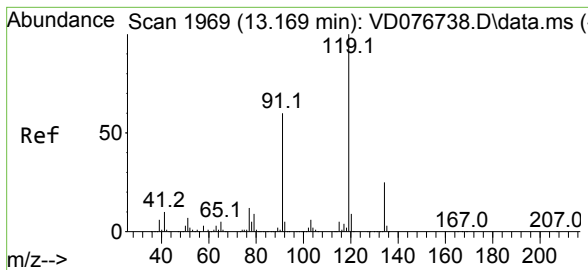
Tgt Ion: 75 Resp: 41507
Ion Ratio Lower Upper
75 100
53 75.7 63.0 94.4
89 44.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.738 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 91 Resp: 444194
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4

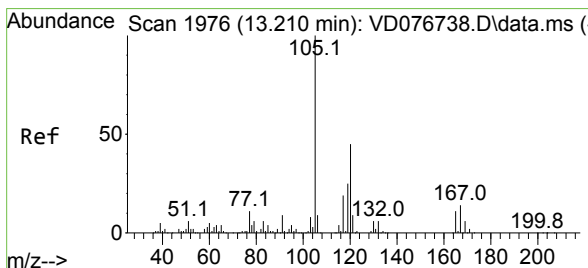
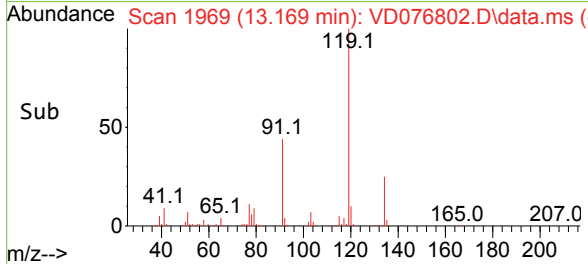
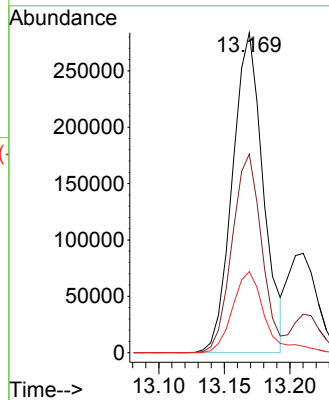
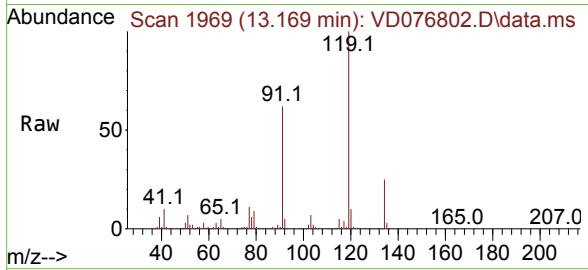




#83
 tert-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

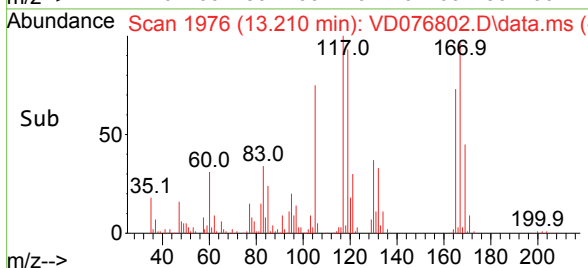
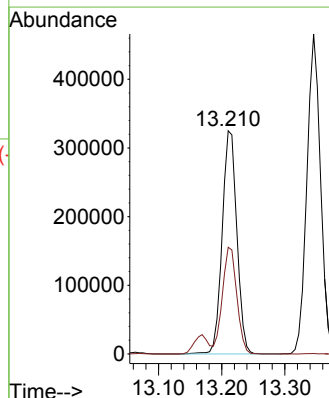
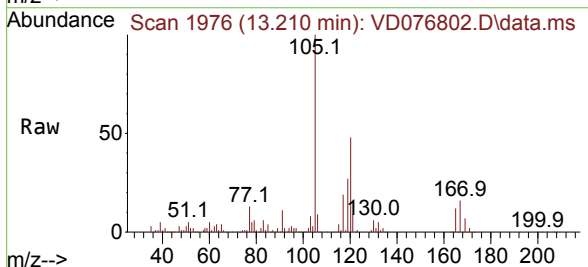
Instrument :
 MSVOA_D
 ClientSampleId :

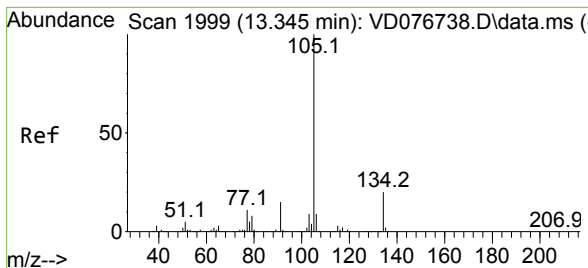
Tgt Ion:119 Resp: 463436
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.3 87.8
 134 26.8 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.288 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Tgt Ion:105 Resp: 523953
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 51.925 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

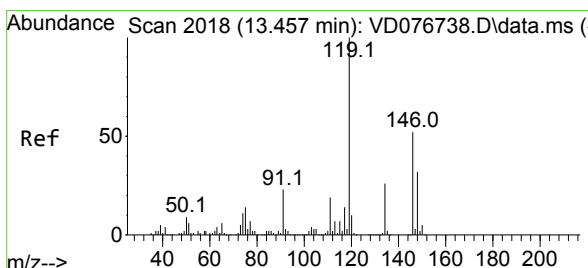
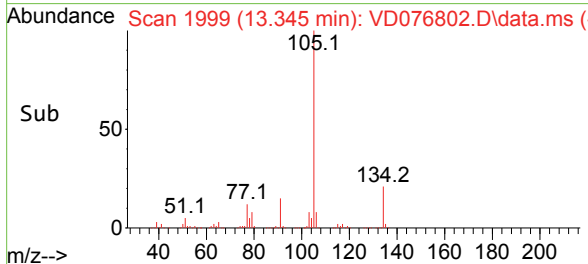
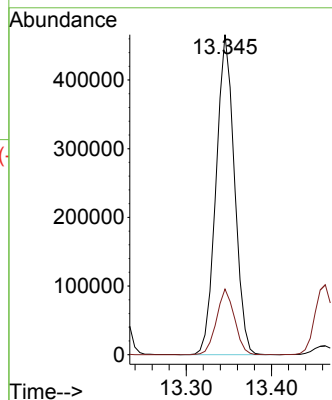
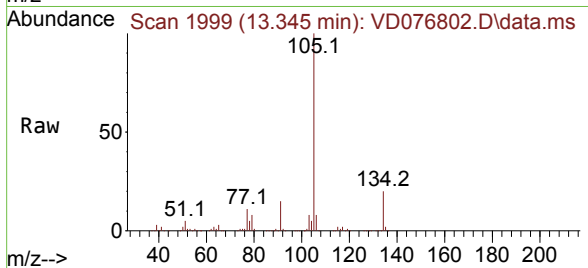
ClientSampleId :

Tgt Ion:105 Resp: 698304

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 52.199 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

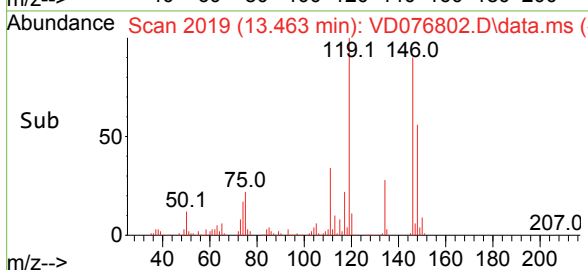
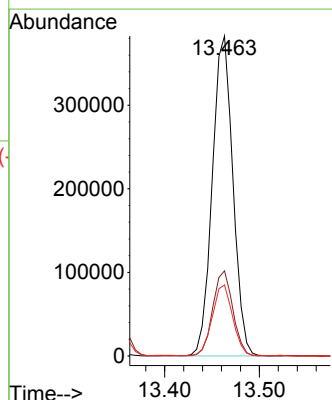
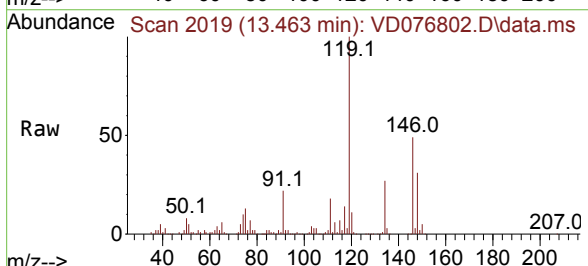
Tgt Ion:119 Resp: 579748

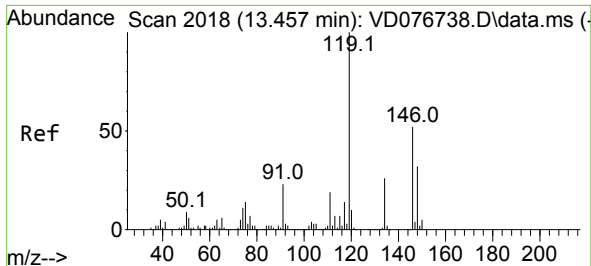
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.9 10.5 31.5

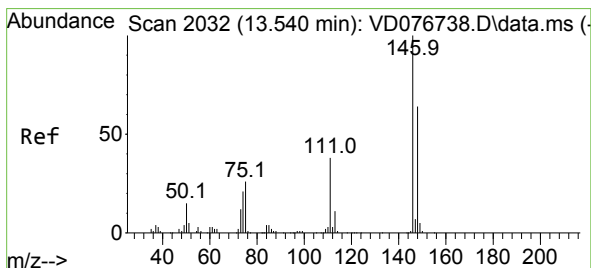
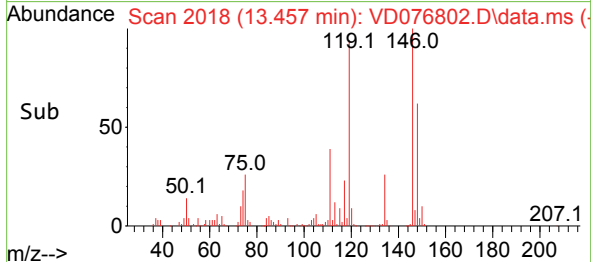
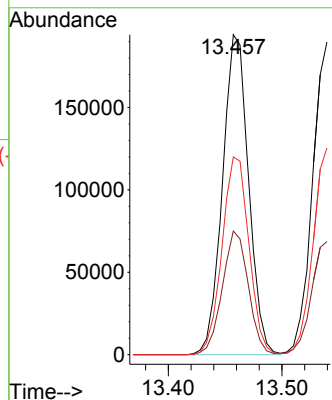
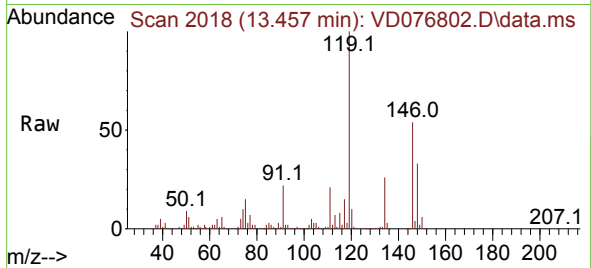




#87
 1,3-Dichlorobenzene
 Concen: 52.764 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

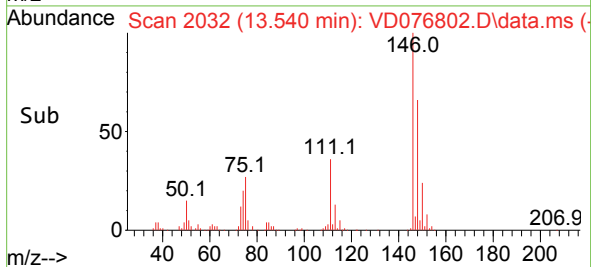
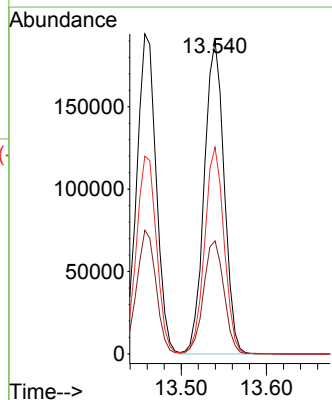
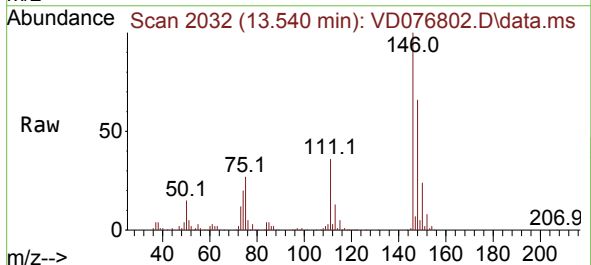
Instrument :
 MSVOA_D
 ClientSampleId :

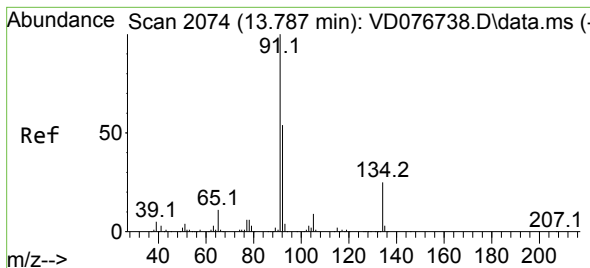
Tgt Ion:146 Resp: 309711
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.9 53.8
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 53.427 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076802.D
 Acq: 26 Jul 2023 13:29

Tgt Ion:146 Resp: 307253
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.4 52.3
 148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 50.519 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

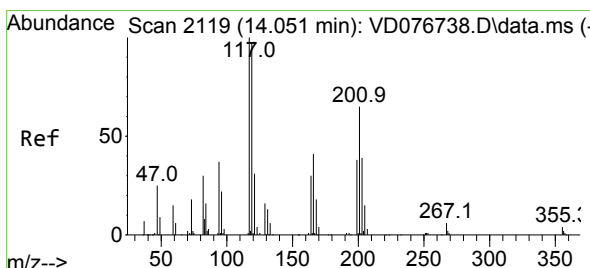
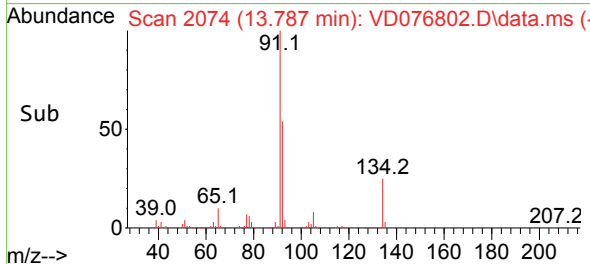
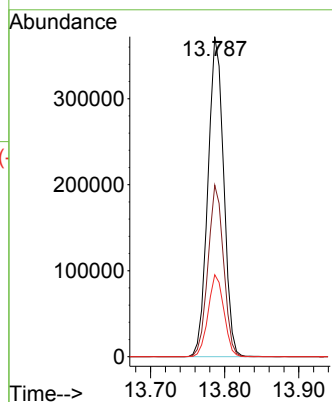
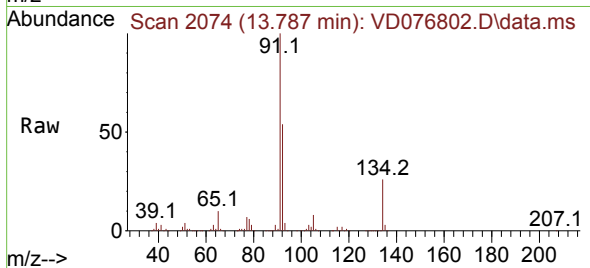
Tgt Ion: 91 Resp: 549054

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 55.407 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076802.D

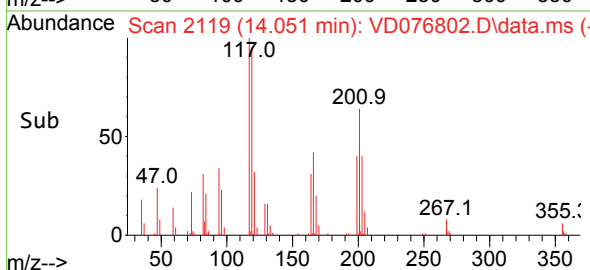
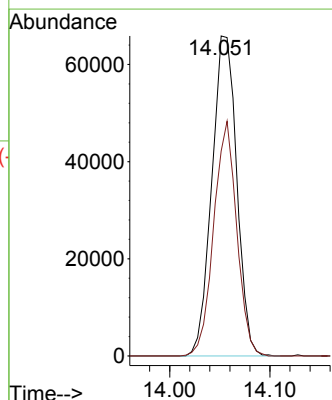
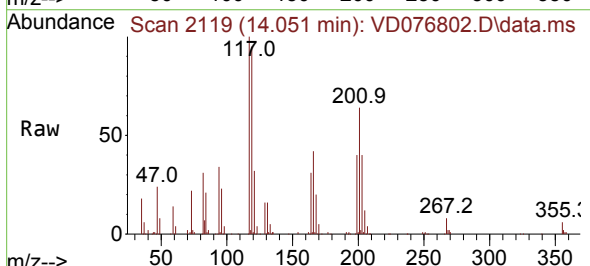
Acq: 26 Jul 2023 13:29

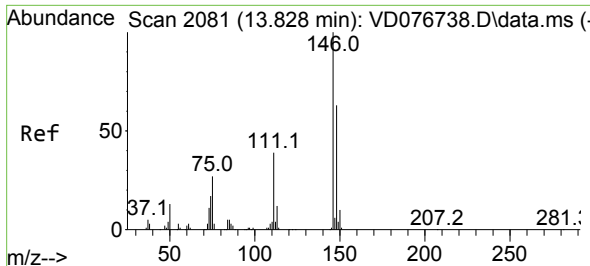
Tgt Ion: 117 Resp: 113769

Ion Ratio Lower Upper

117 100

201 67.8 38.5 115.5

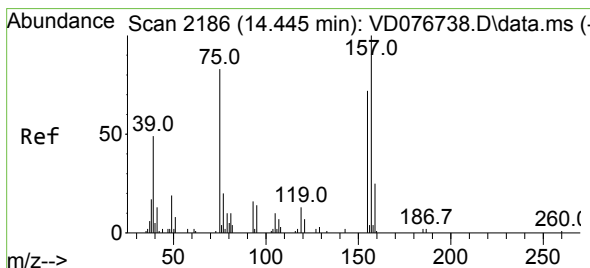
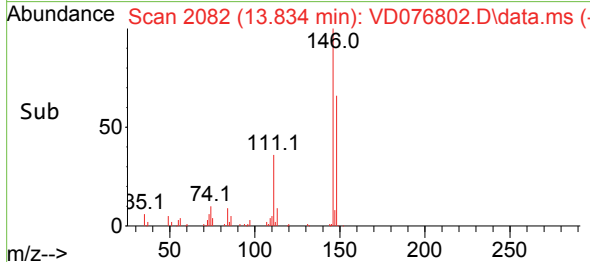
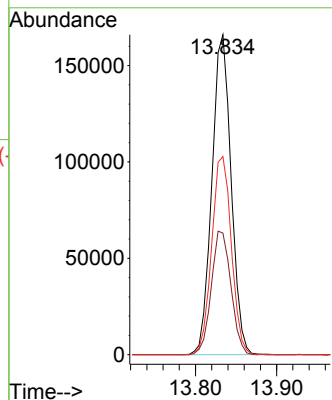
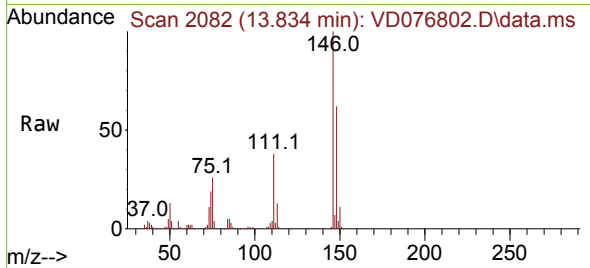




#91
1,2-Dichlorobenzene
Concen: 52.807 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

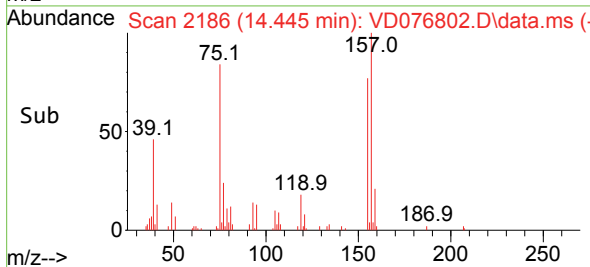
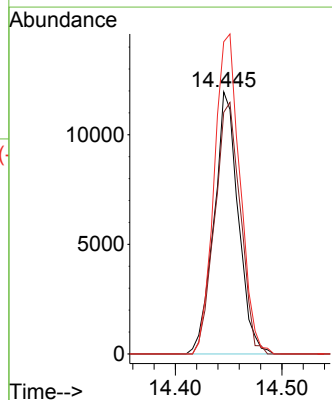
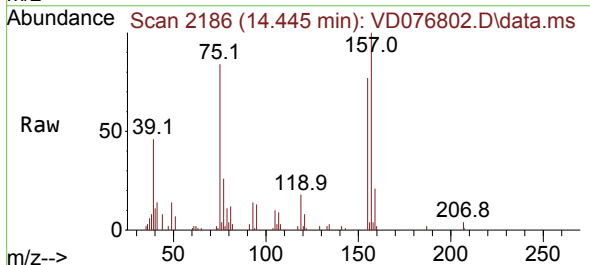
Instrument :
MSVOA_D
ClientSampleId :

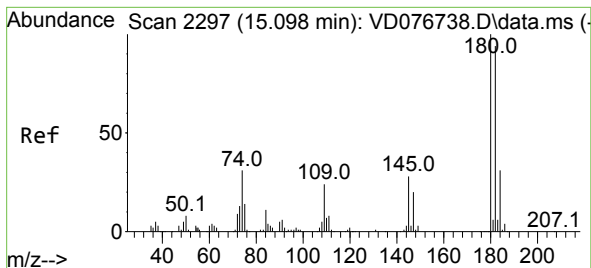
Tgt Ion:146 Resp: 273130
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 63.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.070 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076802.D
Acq: 26 Jul 2023 13:29

Tgt Ion: 75 Resp: 18951
Ion Ratio Lower Upper
75 100
155 101.3 47.9 143.8
157 129.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.760 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

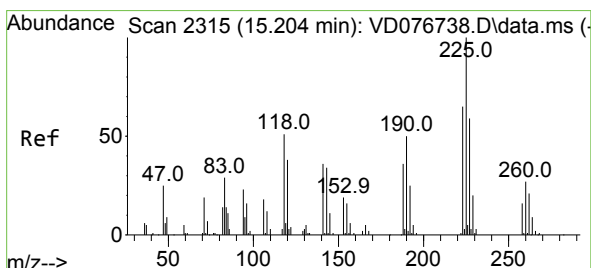
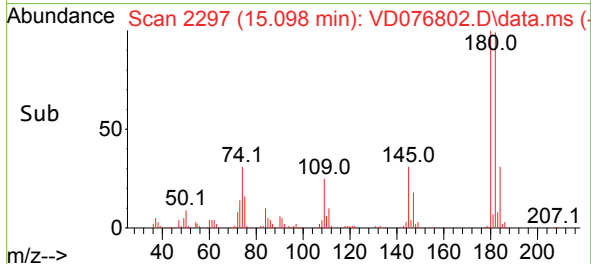
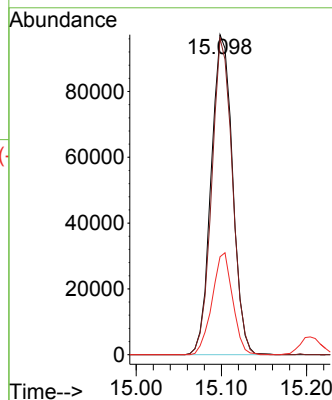
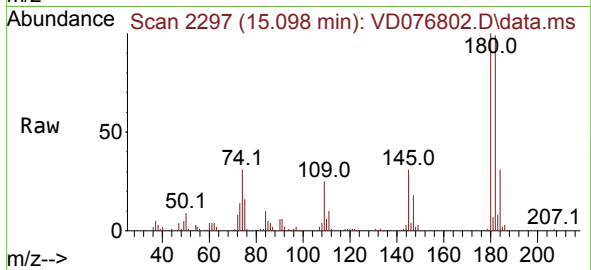
Tgt Ion:180 Resp: 169757

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.924 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

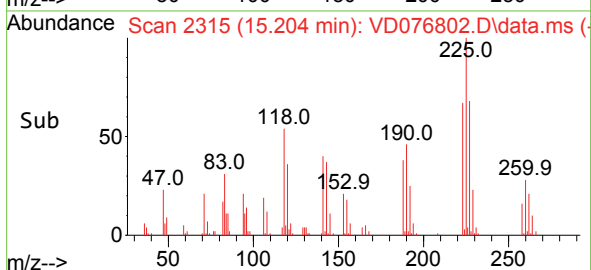
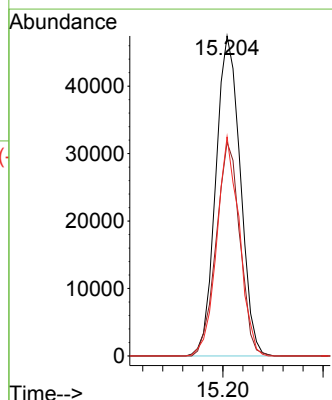
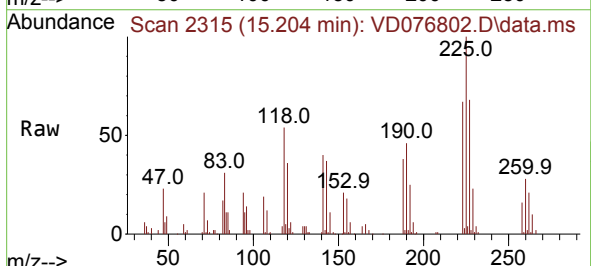
Tgt Ion:225 Resp: 80373

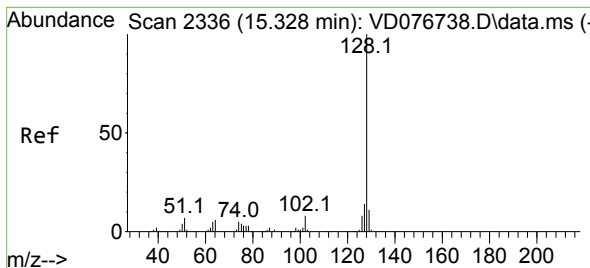
Ion Ratio Lower Upper

225 100

223 64.8 31.6 94.8

227 63.0 31.7 95.1





#95

Naphthalene

Concen: 53.237 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Instrument :

MSVOA_D

ClientSampleId :

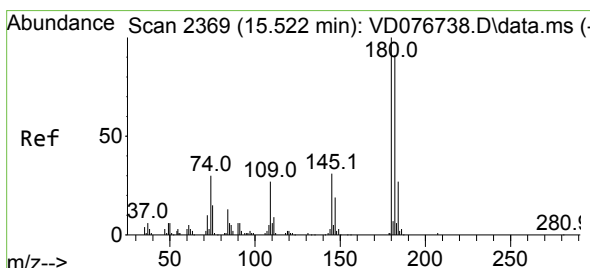
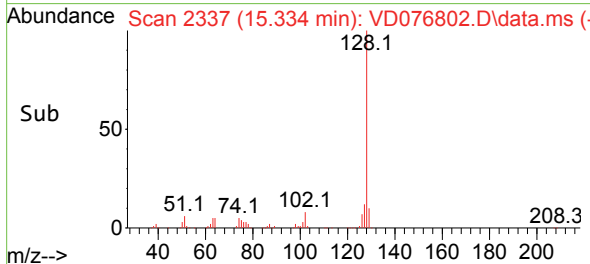
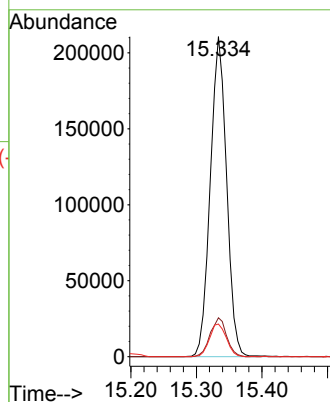
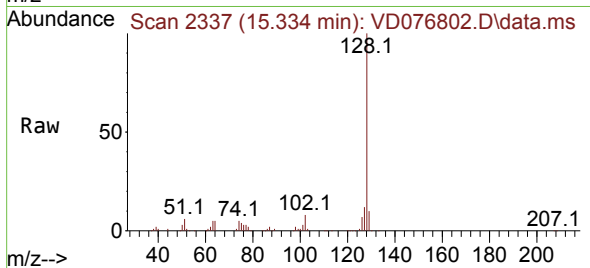
Tgt Ion:128 Resp: 363983

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.956 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076802.D

Acq: 26 Jul 2023 13:29

Tgt Ion:180 Resp: 152892

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.9

145 32.3 15.1 45.3

