

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078408.D
 Acq On : 14 Feb 2024 10:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 03:38:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135409	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	239055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	228922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74741	51.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.100%	
35) Dibromofluoromethane	7.810	113	77773	51.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.269	98	303190	49.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.575	95	90026	50.928	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	74895	56.136	ug/l	98
3) Chloromethane	2.152	50	132399	53.999	ug/l	100
4) Vinyl Chloride	2.287	62	198267	52.993	ug/l	100
5) Bromomethane	2.693	94	139070	53.851	ug/l	100
6) Chloroethane	2.840	64	145757	53.426	ug/l	98
7) Trichlorofluoromethane	3.175	101	134136	53.147	ug/l	94
8) Diethyl Ether	3.593	74	38501	52.962	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	81683	51.302	ug/l	95
10) Methyl Iodide	4.169	142	76760	53.827	ug/l	91
11) Tert butyl alcohol	5.063	59	20432	257.656	ug/l	95
12) 1,1-Dichloroethene	3.946	96	76754	51.997	ug/l	86
13) Acrolein	3.799	56	25590	189.194	ug/l	95
14) Allyl chloride	4.569	41	97776	53.618	ug/l	89
15) Acrylonitrile	5.252	53	81423	261.645	ug/l	98
16) Acetone	4.022	43	93873	347.155	ug/l	88
17) Carbon Disulfide	4.275	76	259911	52.327	ug/l	99
18) Methyl Acetate	4.564	43	66834	61.711	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	172174	54.898	ug/l	99
20) Methylene Chloride	4.811	84	97479	59.352	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	94075	54.174	ug/l	94
22) Diisopropyl ether	6.216	45	232310	57.799	ug/l	94
23) Vinyl Acetate	6.158	43	434109	264.331	ug/l	# 93
24) 1,1-Dichloroethane	6.110	63	157210	55.214	ug/l	99
25) 2-Butanone	7.081	43	114322	312.087	ug/l	# 85
26) 2,2-Dichloropropane	7.075	77	127007	53.210	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	105254	55.244	ug/l	92
28) Bromochloromethane	7.428	49	62055	55.026	ug/l	# 78
29) Tetrahydrofuran	7.446	42	60679	278.682	ug/l	89
30) Chloroform	7.599	83	168618	55.972	ug/l	98
31) Cyclohexane	7.881	56	127933	51.655	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	141015	54.902	ug/l	99
36) 1,1-Dichloropropene	8.005	75	128372	54.418	ug/l	96
37) Ethyl Acetate	7.169	43	42797	51.754	ug/l	95
38) Carbon Tetrachloride	7.993	117	125879	53.883	ug/l	93
39) Methylcyclohexane	9.275	83	150402	53.705	ug/l	93
40) Benzene	8.252	78	377669	55.389	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	24788	57.598	ug/l	90
42) 1,2-Dichloroethane	8.328	62	94694	53.673	ug/l	95
43) Isopropyl Acetate	8.363	43	82258	53.719	ug/l	91
44) Trichloroethene	9.028	130	95786	55.064	ug/l	94
45) 1,2-Dichloropropane	9.304	63	91533	54.713	ug/l	96
46) Dibromomethane	9.393	93	52539	55.834	ug/l	87
47) Bromodichloromethane	9.587	83	128733	55.234	ug/l	100
48) Methyl methacrylate	9.381	41	48174	59.299	ug/l #	80
49) 1,4-Dioxane	9.387	88	11040	1083.361	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	217205	267.256	ug/l	93
52) Toluene	10.334	92	238374	55.283	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	118035	55.502	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	142987	55.448	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	72072	56.874	ug/l	97
56) Ethyl methacrylate	10.598	69	56297	48.035	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	118161	54.815	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	165439	239.644	ug/l	94
59) 2-Hexanone	10.922	43	171658	281.052	ug/l	90
60) Dibromochloromethane	11.075	129	83674	54.880	ug/l	95
61) 1,2-Dibromoethane	11.181	107	66701	56.067	ug/l	98
64) Tetrachloroethene	10.810	164	73771	51.019	ug/l	94
65) Chlorobenzene	11.604	112	247532	53.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	92157	54.489	ug/l	96
67) Ethyl Benzene	11.687	91	455294	55.214	ug/l	96
68) m/p-Xylenes	11.793	106	356707	110.899	ug/l	90
69) o-Xylene	12.122	106	160710	54.751	ug/l	90
70) Styrene	12.134	104	251451	52.490	ug/l	96
71) Bromoform	12.298	173	45671	51.304	ug/l #	99
73) Isopropylbenzene	12.422	105	427063	54.331	ug/l	96
74) N-amyl acetate	12.234	43	73522	49.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	79522	51.001	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	92762	93.342	ug/l #	100
77) Bromobenzene	12.704	156	97970	53.034	ug/l	89
78) n-propylbenzene	12.763	91	522051	53.295	ug/l	96
79) 2-Chlorotoluene	12.851	91	278455	53.075	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	365568	56.009	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	24698	51.594	ug/l	96
82) 4-Chlorotoluene	12.945	91	305795	54.269	ug/l	94
83) tert-Butylbenzene	13.169	119	302331	54.924	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	369181	55.733	ug/l	96
85) sec-Butylbenzene	13.345	105	451878	52.934	ug/l	95
86) p-Isopropyltoluene	13.463	119	405037	55.705	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	207809	52.708	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	206448	53.291	ug/l	99
89) n-Butylbenzene	13.787	91	379199	54.107	ug/l	98
90) Hexachloroethane	14.057	117	80484	53.855	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	179289	54.153	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10396	50.920	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	101541	52.186	ug/l	98
94) Hexachlorobutadiene	15.204	225	52121	51.320	ug/l	100
95) Naphthalene	15.334	128	192578	53.362	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91653	55.580	ug/l	99

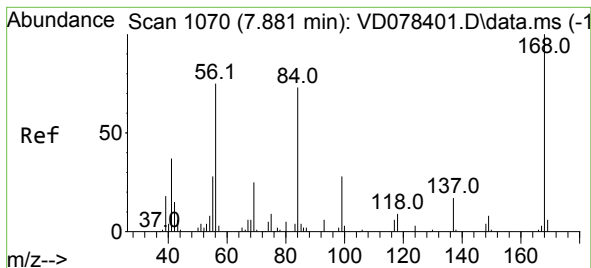
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

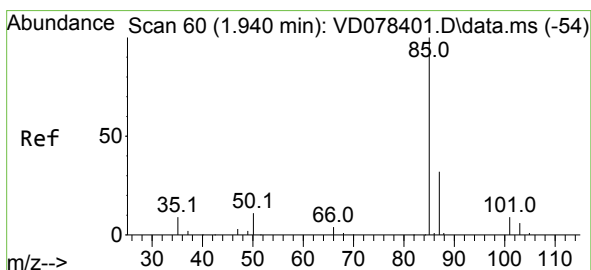
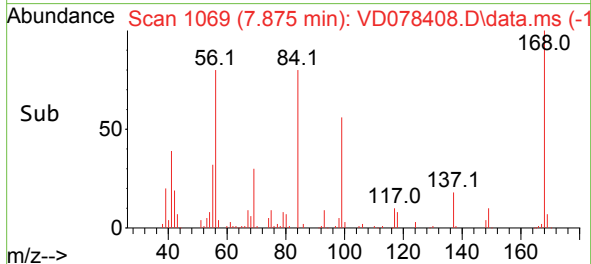
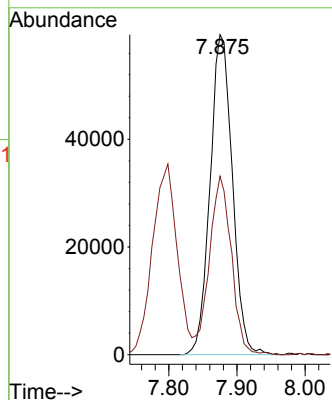
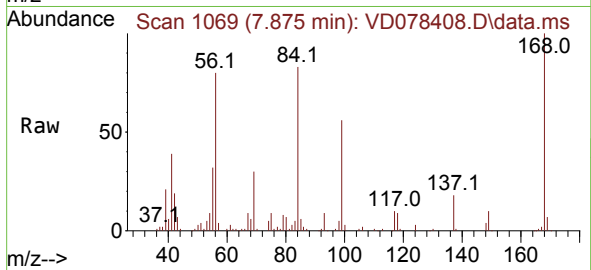
ClientSampleId :

Tgt Ion:168 Resp: 135409

Ion Ratio Lower Upper

168 100

99 55.7 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 56.136 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078408.D

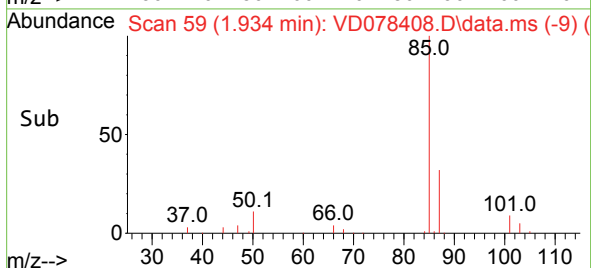
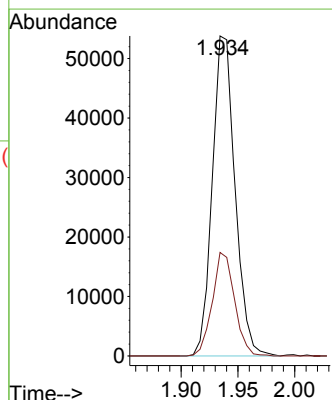
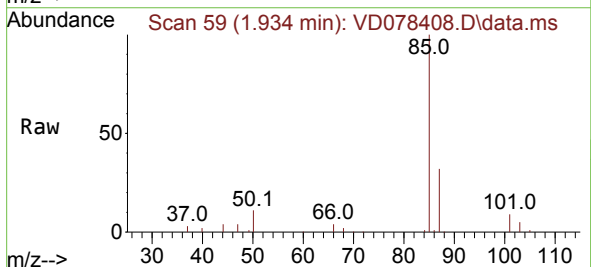
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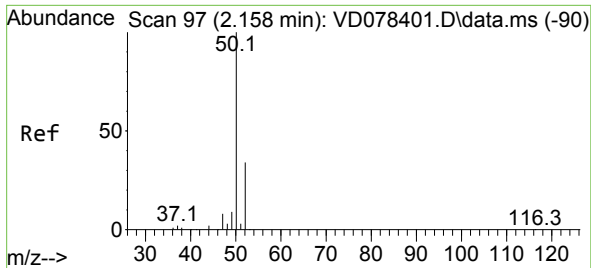
Tgt Ion: 85 Resp: 74895

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.0

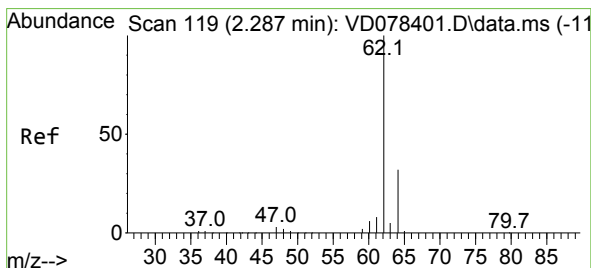
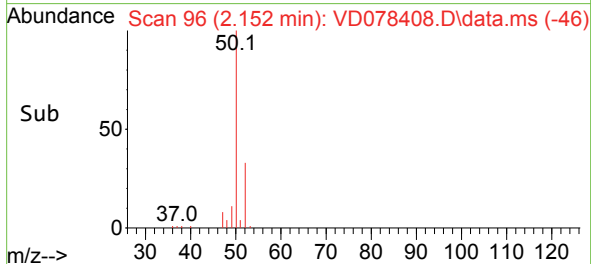
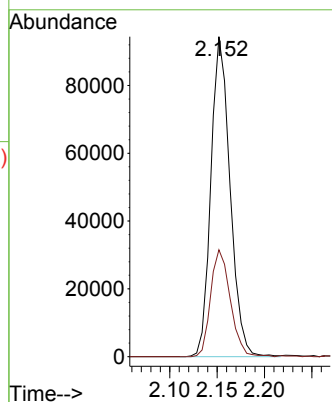
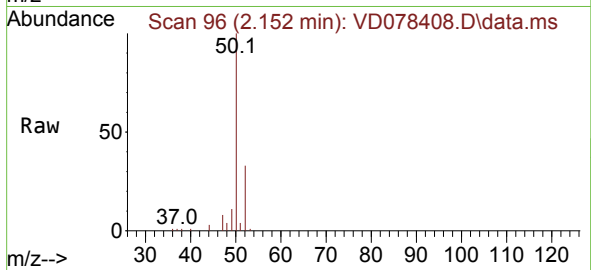




#3
Chloromethane
Concen: 53.999 ug/l
RT: 2.152 min Scan# 97
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

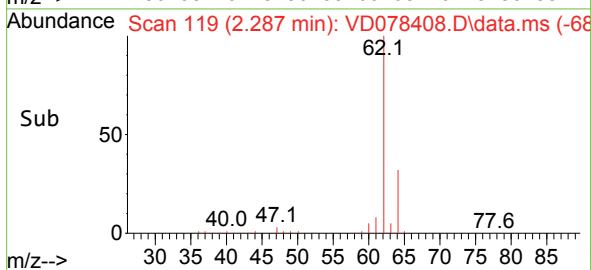
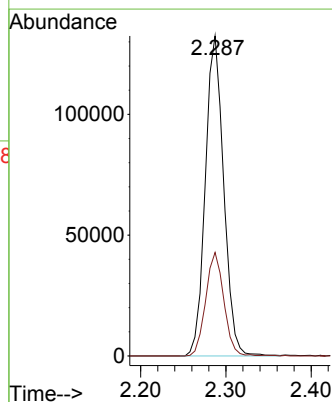
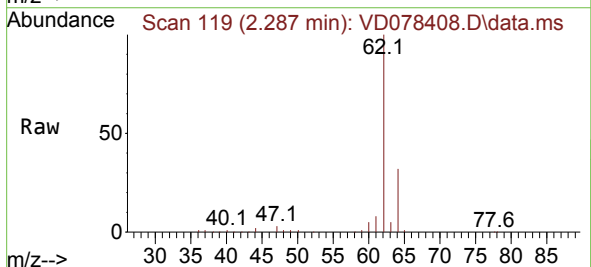
Instrument :
MSVOA_D
ClientSampleId :

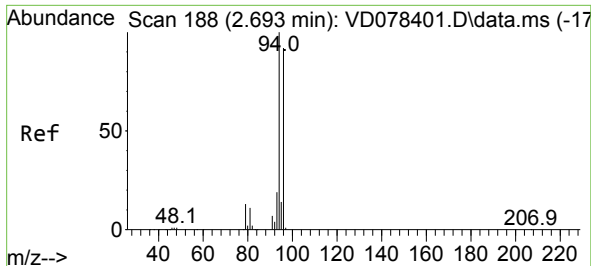
Tgt Ion: 50 Resp: 132399
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 52.993 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 62 Resp: 198267
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

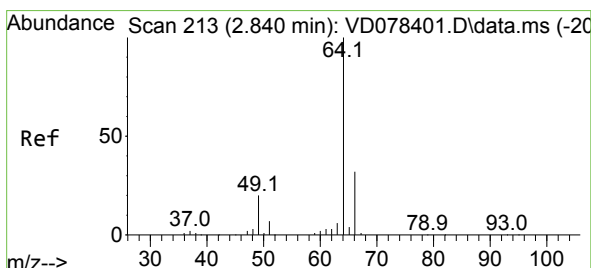
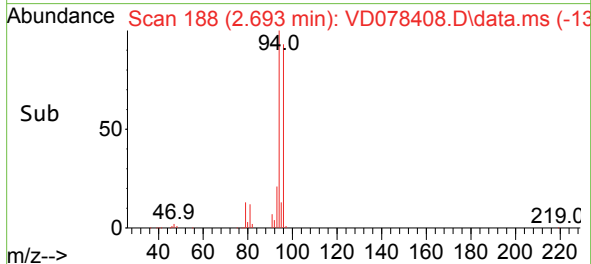
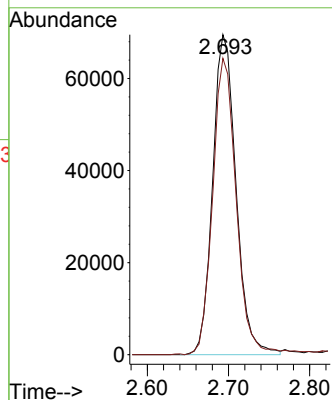
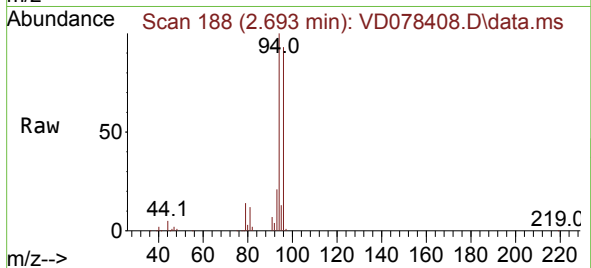




#5
Bromomethane
Concen: 53.851 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

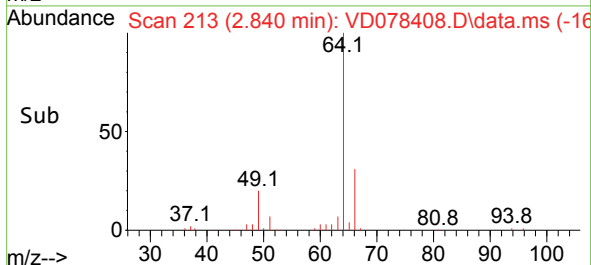
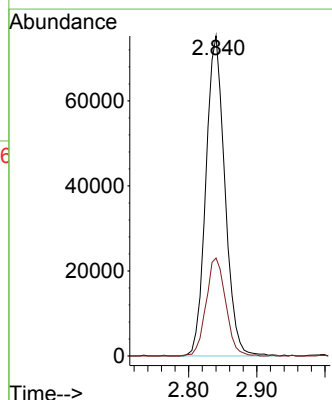
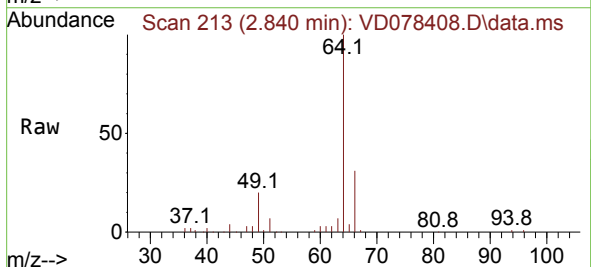
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 139070
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 53.426 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 64 Resp: 145757
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

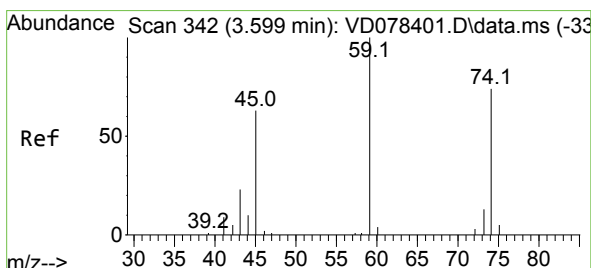
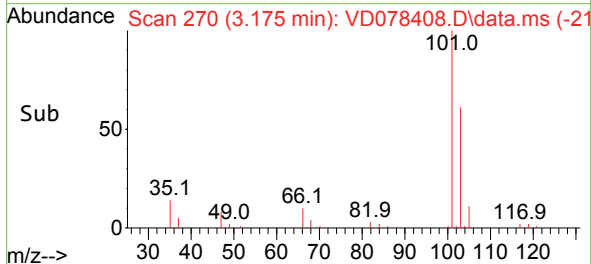
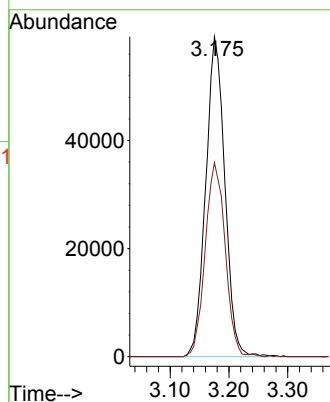
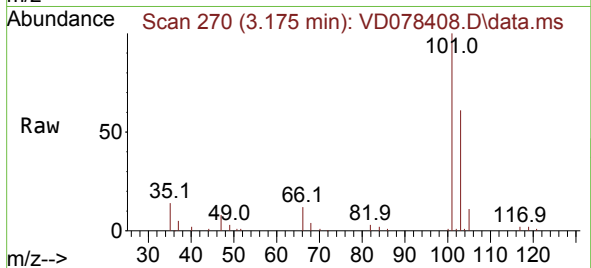




#7
 Trichlorofluoromethane
 Concen: 53.147 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

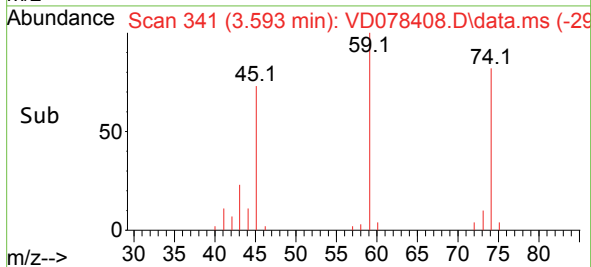
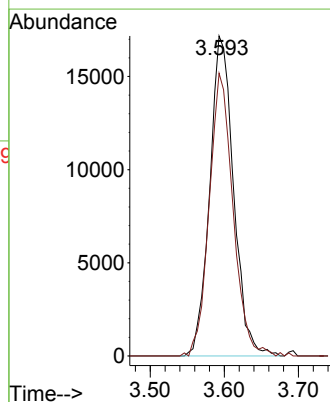
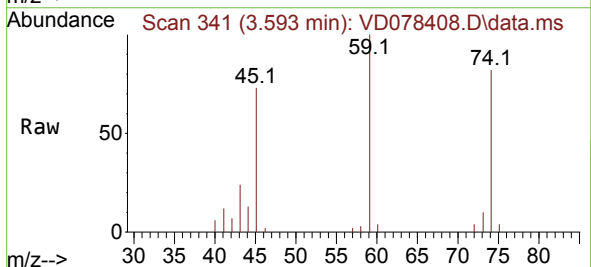
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 134136
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 52.962 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

Tgt Ion: 74 Resp: 38501
 Ion Ratio Lower Upper
 74 100
 45 87.8 37.5 112.7

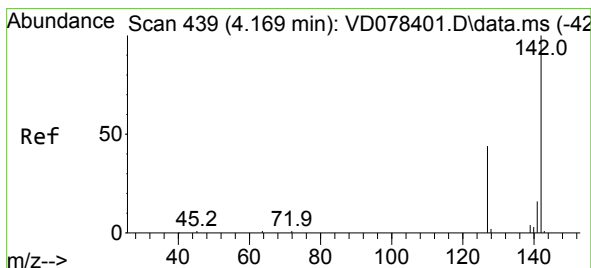
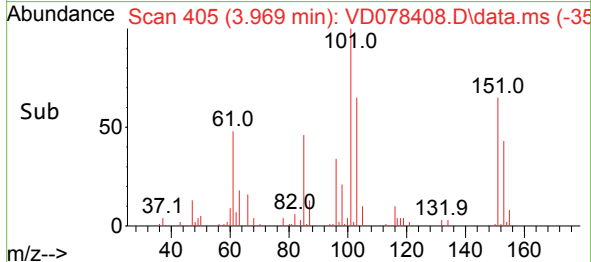
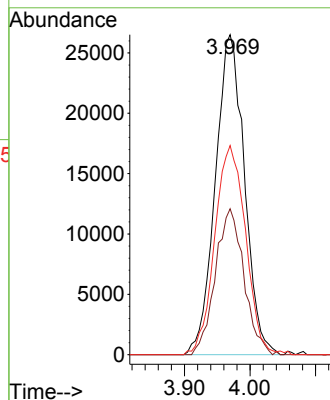
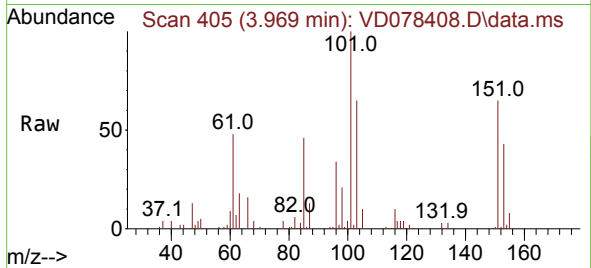




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.302 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

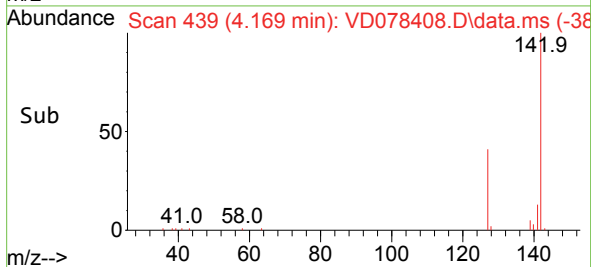
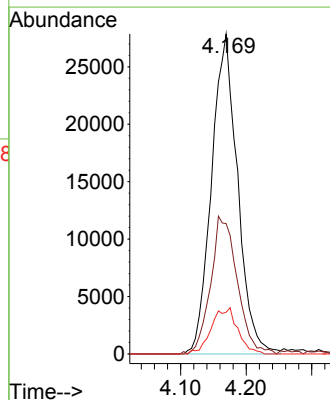
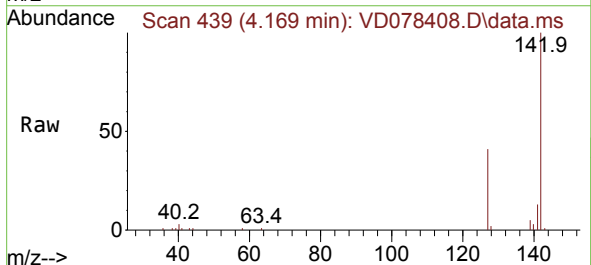
Instrument :
MSVOA_D
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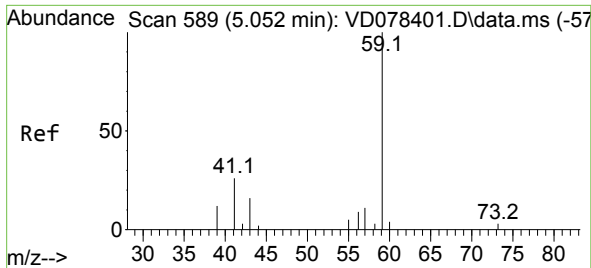
Tgt Ion:101 Resp: 81683
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 69.4 59.8 89.6



#10
Methyl Iodide
Concen: 53.827 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

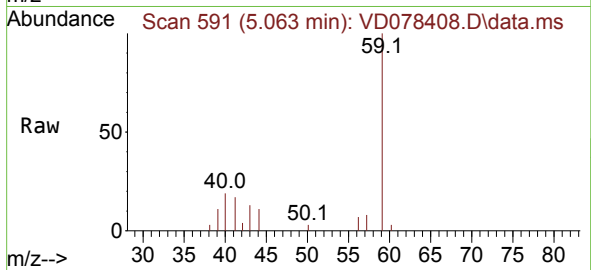
Tgt Ion:142 Resp: 76760
Ion Ratio Lower Upper
142 100
127 43.8 29.4 44.0
141 14.6 11.1 16.7



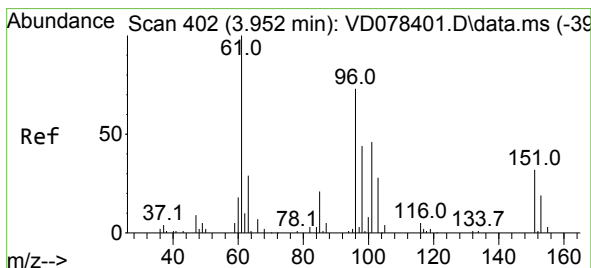
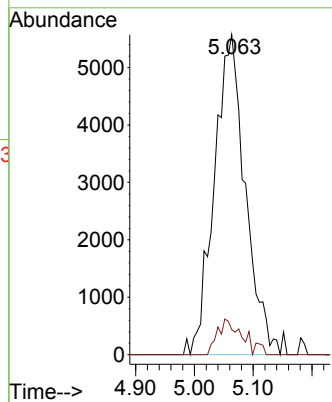
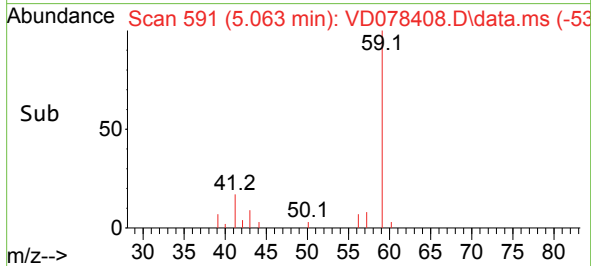


#11
Tert butyl alcohol
Concen: 257.656 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

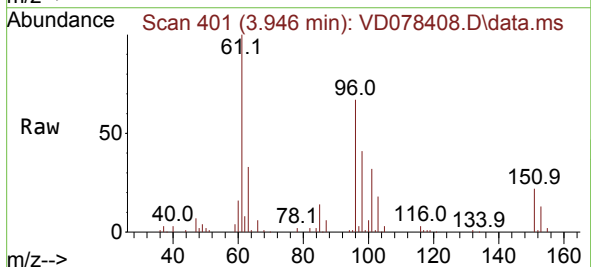
Instrument :
MSVOA_D
ClientSampleId :



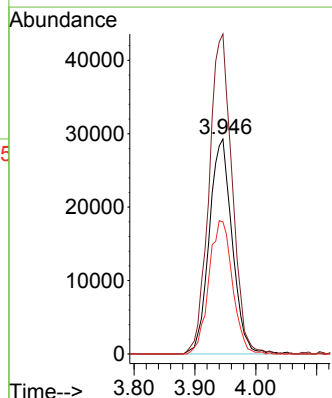
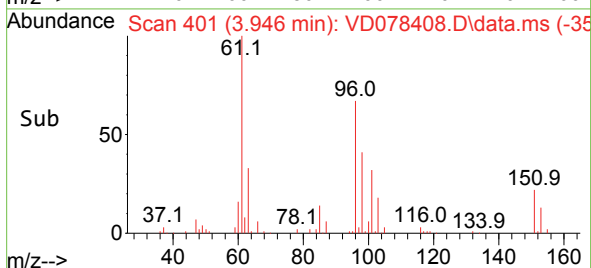
Tgt Ion: 59 Resp: 20432
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8

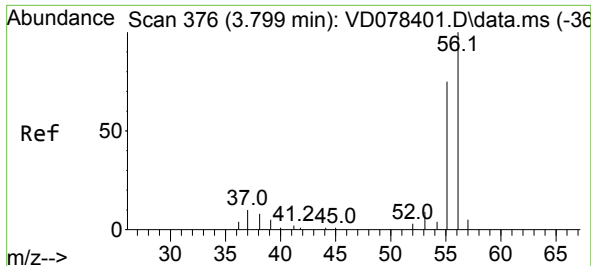


#12
1,1-Dichloroethene
Concen: 51.997 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52



Tgt Ion: 96 Resp: 76754
Ion Ratio Lower Upper
96 100
61 149.0 100.6 150.8
98 61.5 50.2 75.2





#13

Acrolein

Concen: 189.194 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

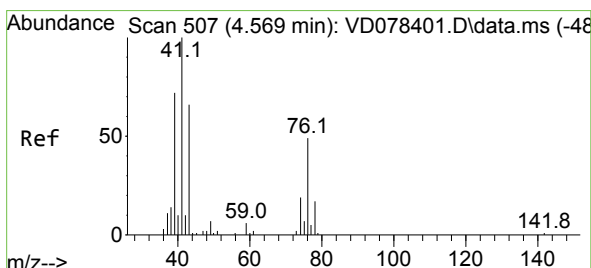
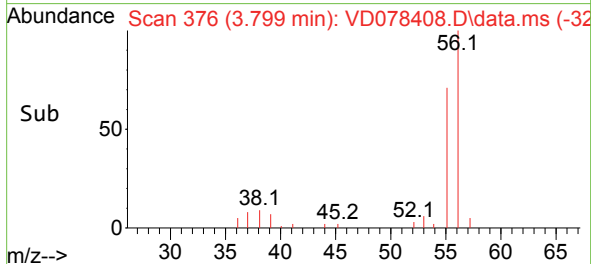
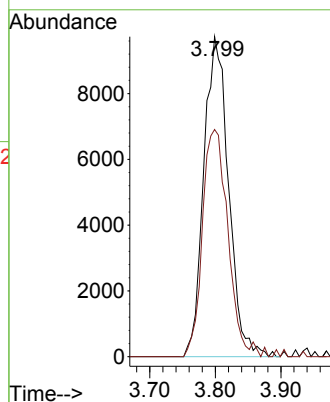
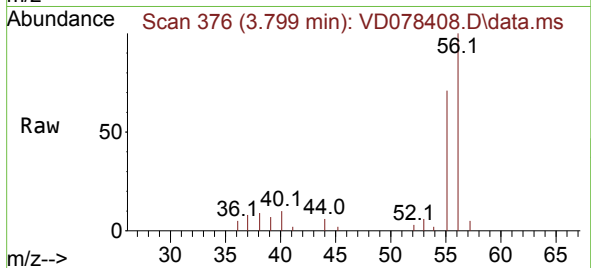
ClientSampleId :

Tgt Ion: 56 Resp: 25590

Ion Ratio Lower Upper

56 100

55 72.8 55.1 82.7



#14

Allyl chloride

Concen: 53.618 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

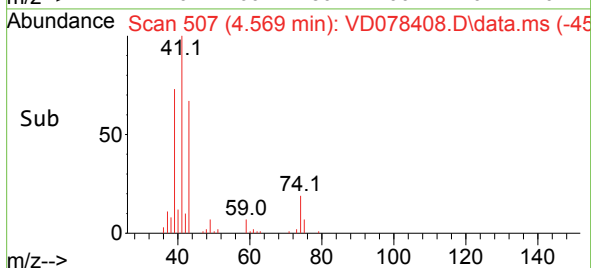
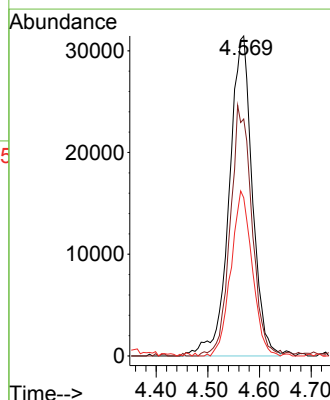
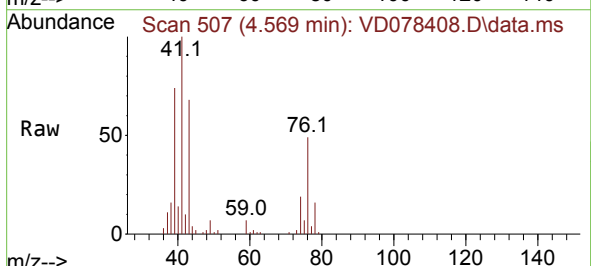
Tgt Ion: 41 Resp: 97776

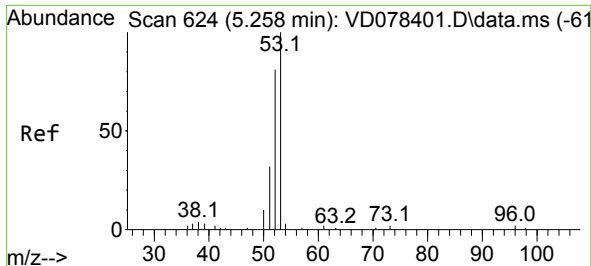
Ion Ratio Lower Upper

41 100

39 73.8 53.8 80.6

76 47.4 45.8 68.8





#15

Acrylonitrile

Concen: 261.645 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

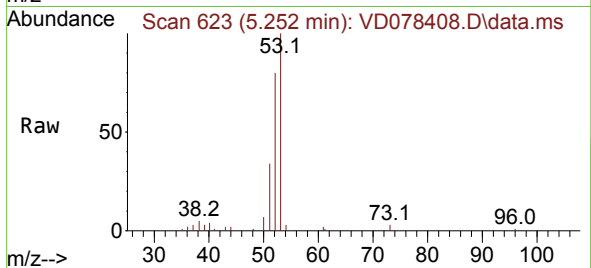
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



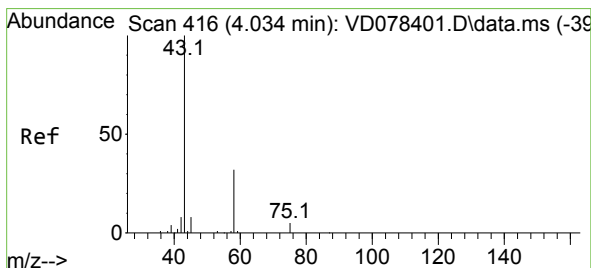
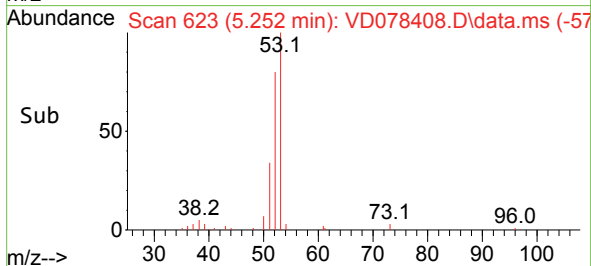
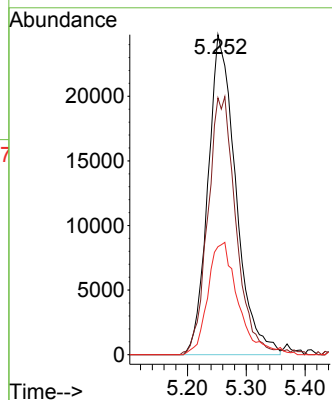
Tgt Ion: 53 Resp: 81423

Ion Ratio Lower Upper

53 100

52 82.0 65.0 97.4

51 38.3 28.3 42.5



#16

Acetone

Concen: 347.155 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.012 min

Lab File: VD078408.D

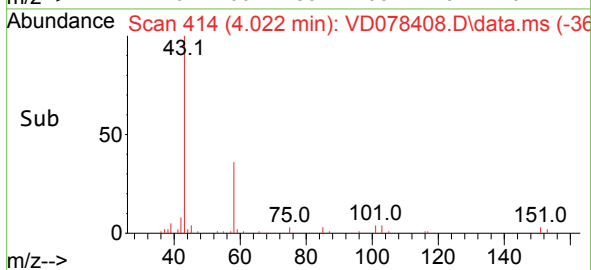
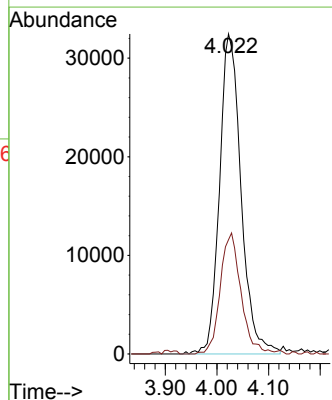
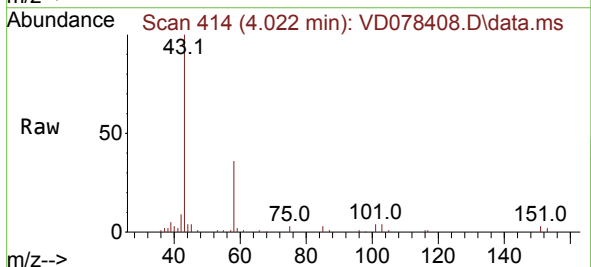
Acq: 14 Feb 2024 10:52

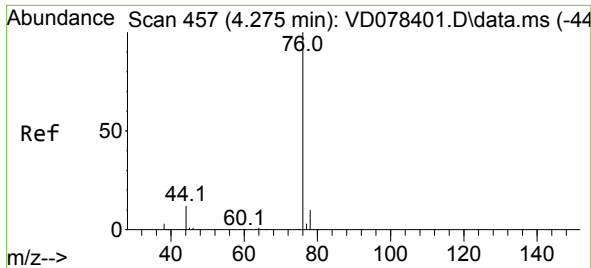
Tgt Ion: 43 Resp: 93873

Ion Ratio Lower Upper

43 100

58 35.7 34.7 52.1

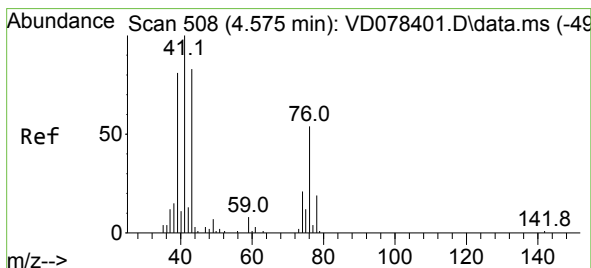
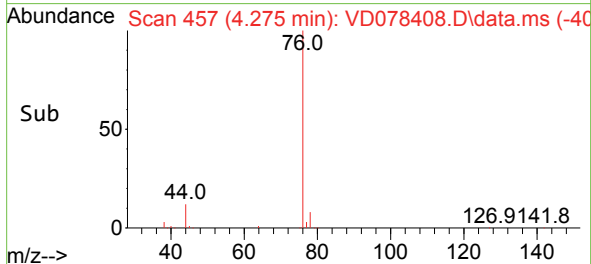
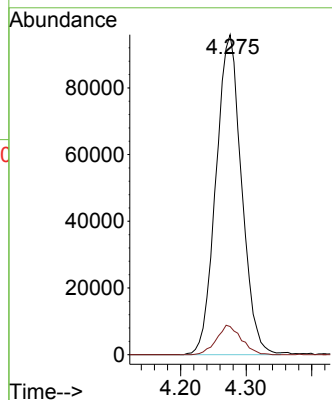
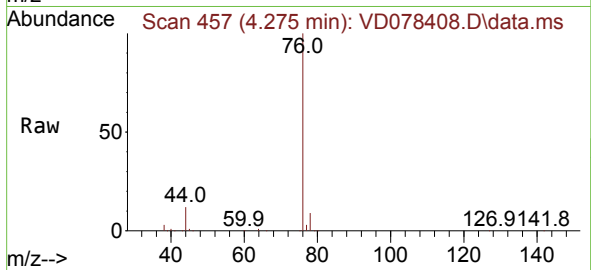




#17
Carbon Disulfide
Concen: 52.327 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

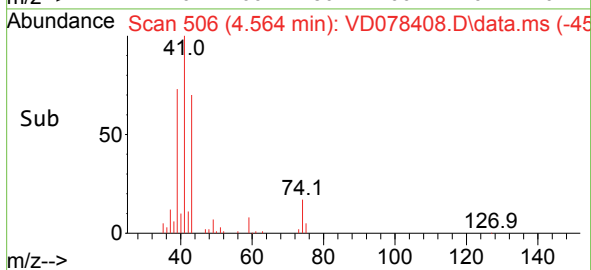
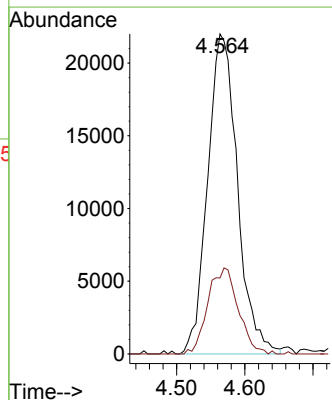
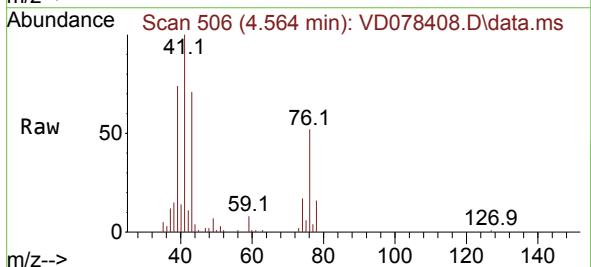
Instrument :
MSVOA_D
ClientSampleId :

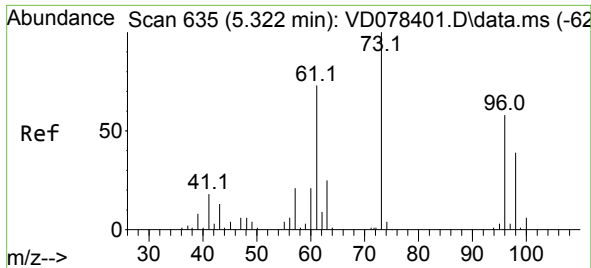
Tgt Ion: 76 Resp: 259911
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 61.711 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 43 Resp: 66834
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6

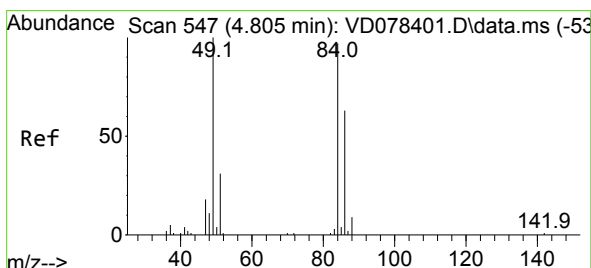
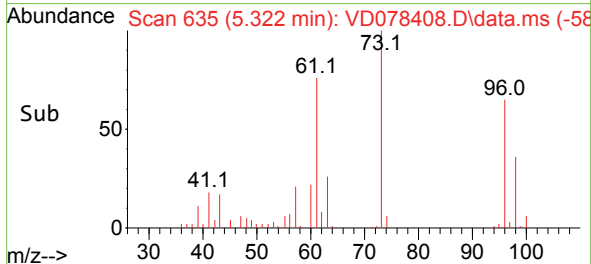
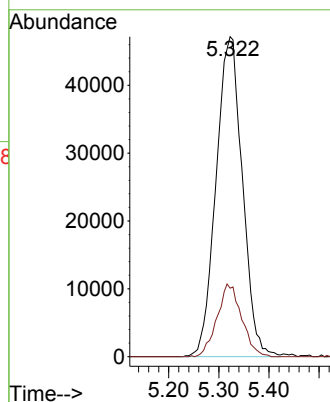
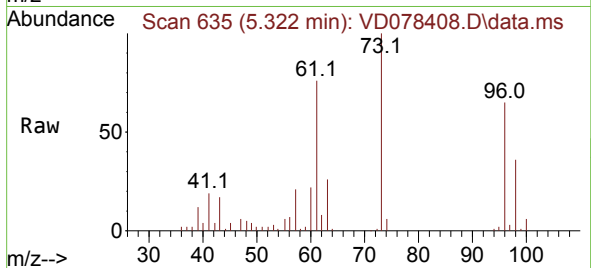




#19
Methyl tert-butyl Ether
Concen: 54.898 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

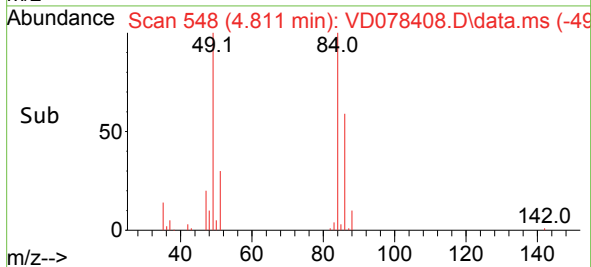
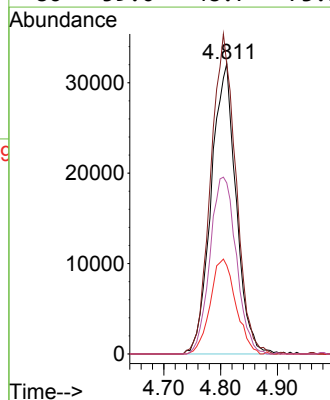
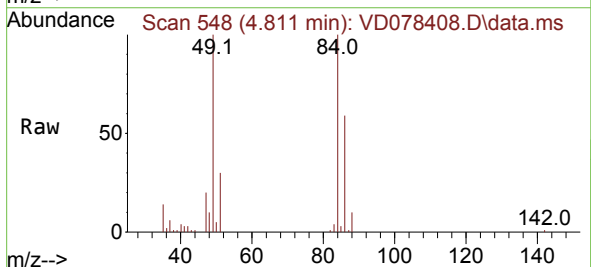
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 172174
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 59.352 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

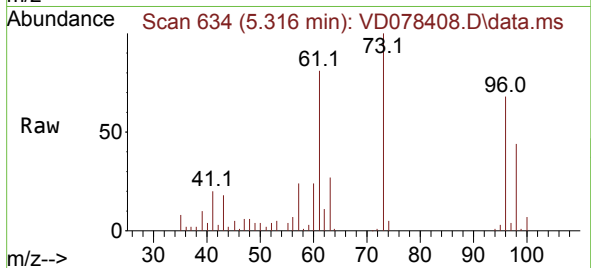
Tgt Ion: 84 Resp: 97479
Ion Ratio Lower Upper
84 100
49 99.9 71.4 107.2
51 30.5 24.5 36.7
86 59.0 48.7 73.1



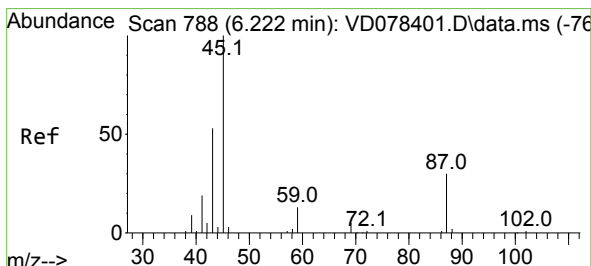
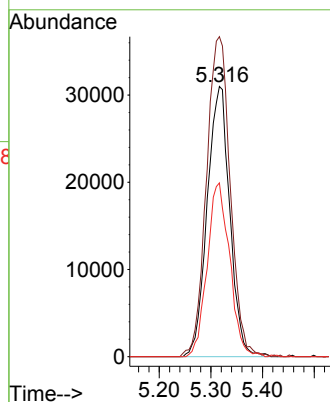
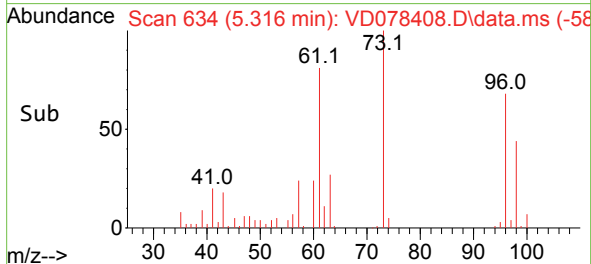


#21
trans-1,2-Dichloroethene
Concen: 54.174 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

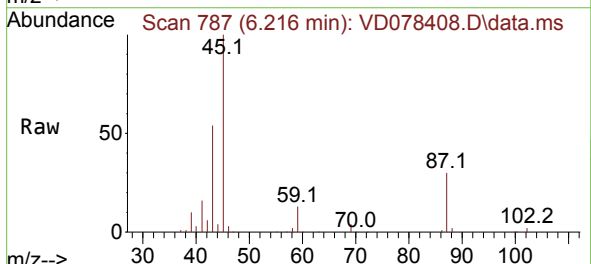
Instrument :
MSVOA_D
ClientSampleId :



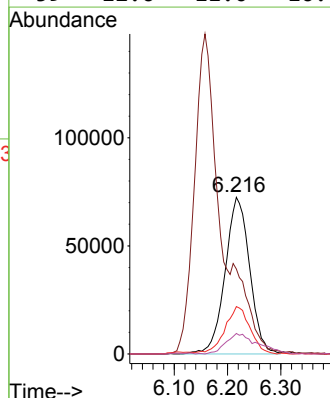
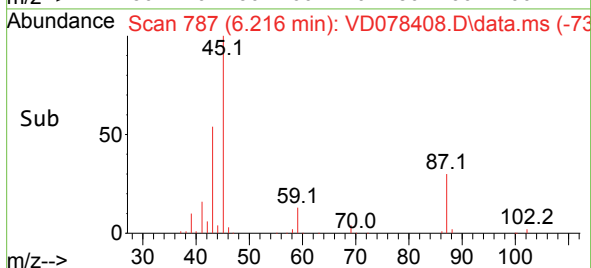
Tgt Ion: 96 Resp: 94075
Ion Ratio Lower Upper
96 100
61 118.4 89.3 133.9
98 64.3 48.6 73.0

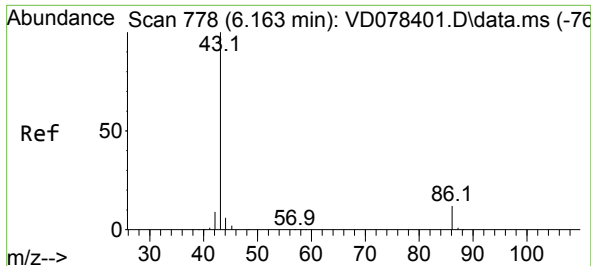


#22
Diisopropyl ether
Concen: 57.799 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52



Tgt Ion: 45 Resp: 232310
Ion Ratio Lower Upper
45 100
43 52.7 40.0 60.0
87 29.7 28.2 42.4
59 12.6 11.0 16.4

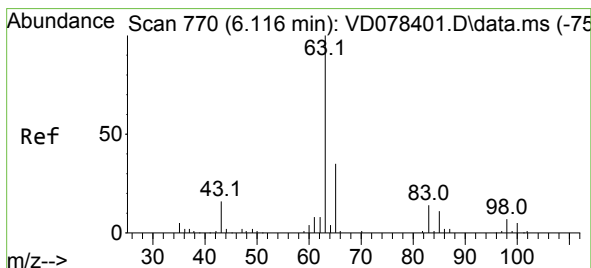
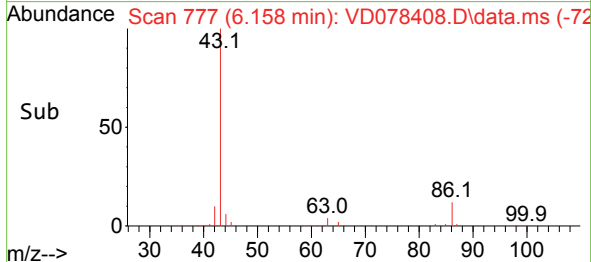
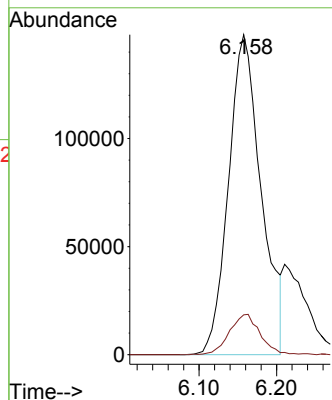
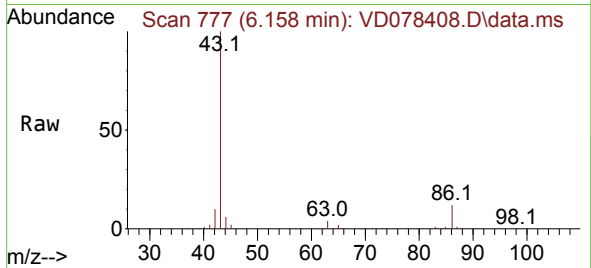




#23
 Vinyl Acetate
 Concen: 264.331 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

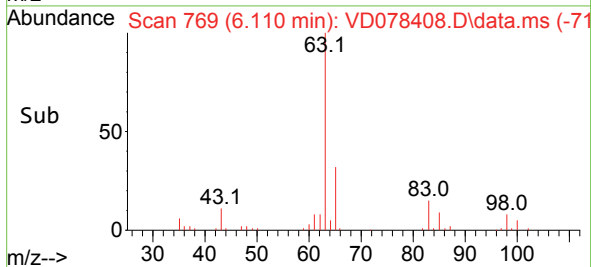
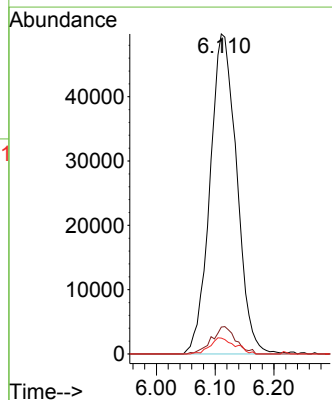
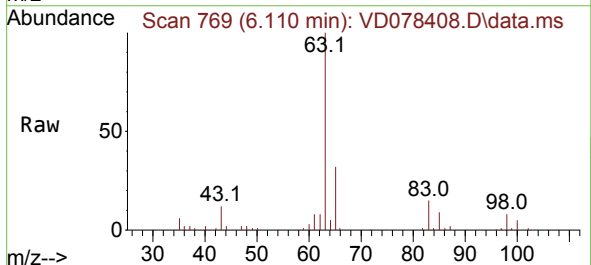
Instrument :
 MSVOA_D
 ClientSampleId :

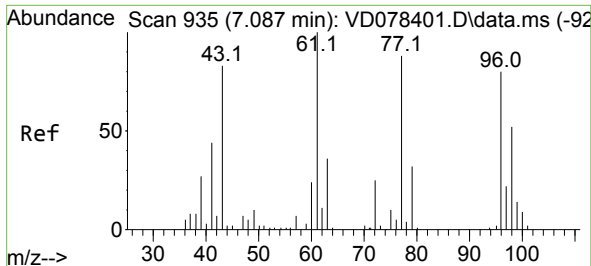
Tgt Ion: 43 Resp: 434109
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 55.214 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

Tgt Ion: 63 Resp: 157210
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.5 13.7
 100 5.0 2.5 7.5

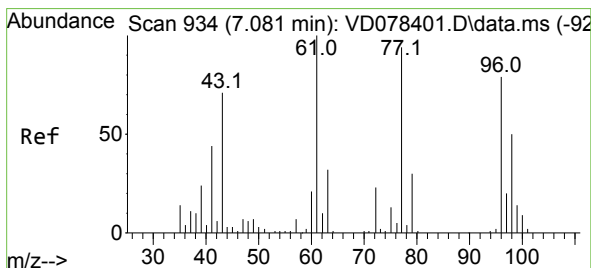
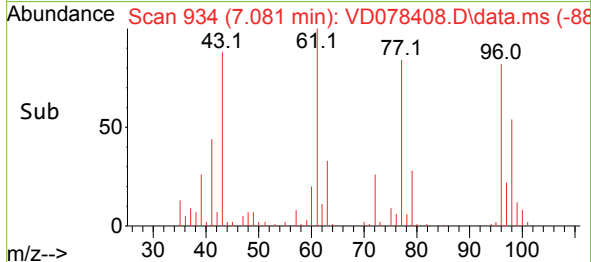
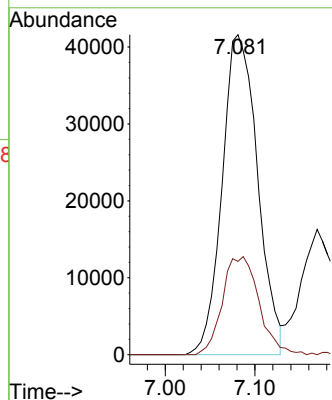
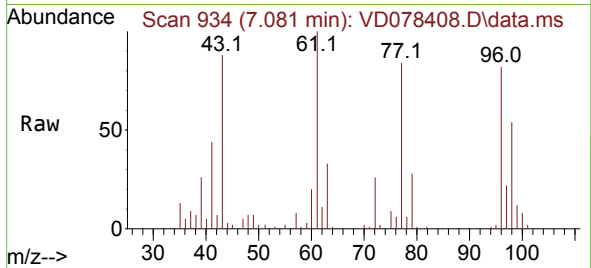




#25
2-Butanone
Concen: 312.087 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

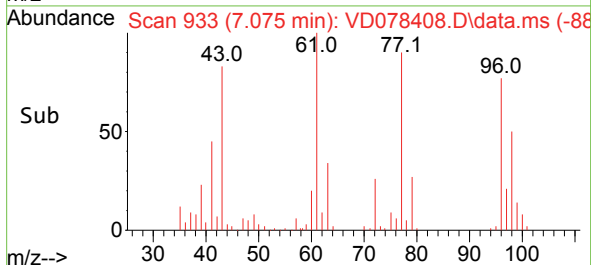
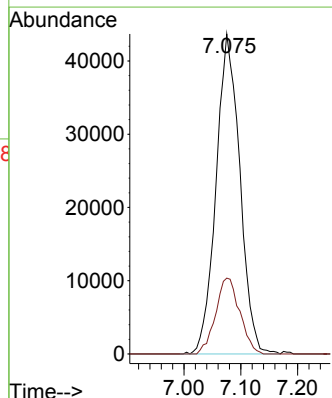
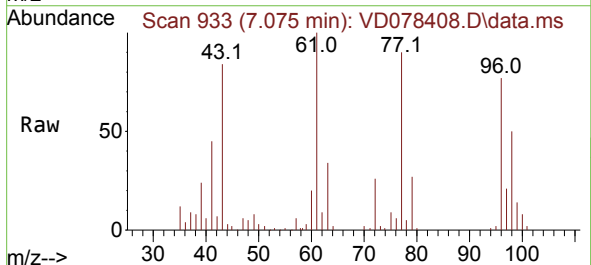
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 114322
Ion Ratio Lower Upper
43 100
72 29.2 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 53.210 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 77 Resp: 127007
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6

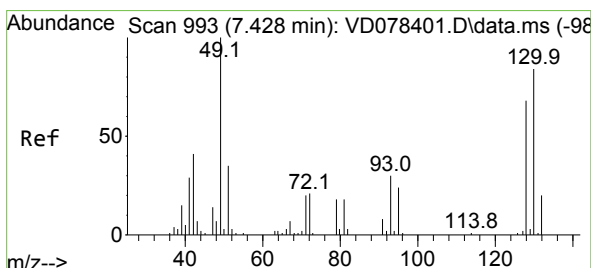
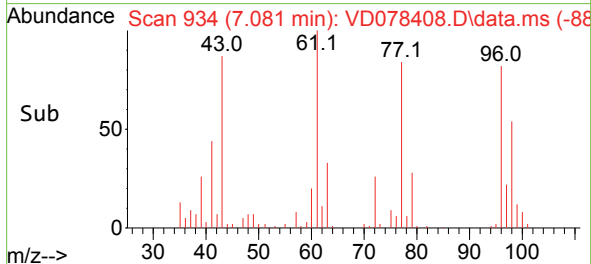
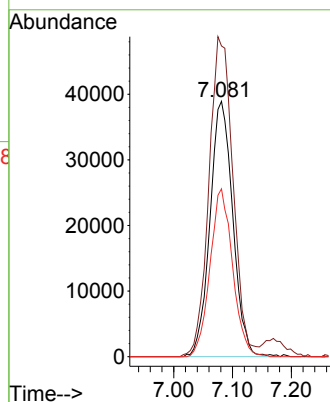
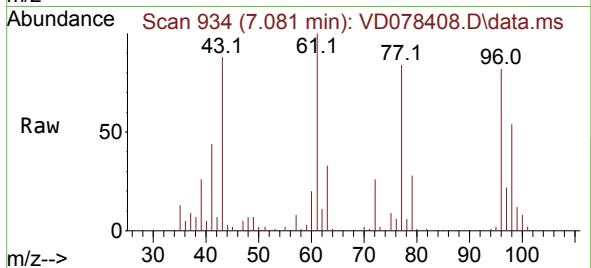




#27
cis-1,2-Dichloroethene
Concen: 55.244 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

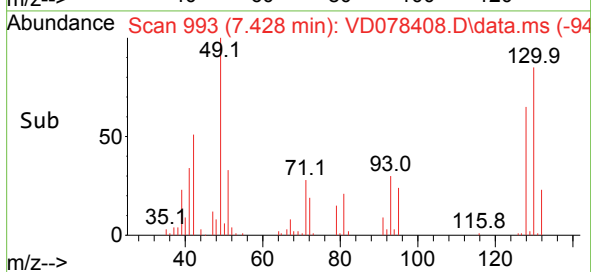
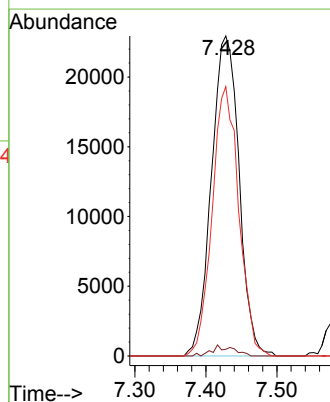
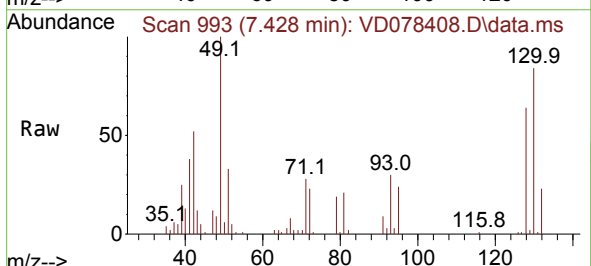
Instrument :
MSVOA_D
ClientSampleId :

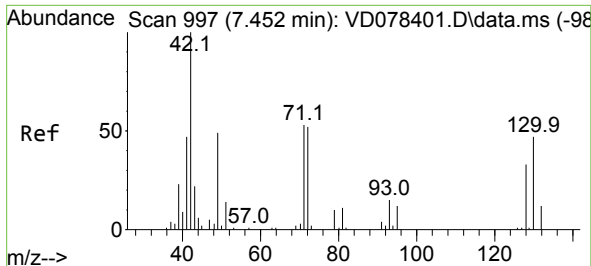
Tgt Ion: 96 Resp: 105254
Ion Ratio Lower Upper
96 100
61 132.0 0.0 239.2
98 64.8 0.0 128.6



#28
Bromochloromethane
Concen: 55.026 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 49 Resp: 62055
Ion Ratio Lower Upper
49 100
129 1.6 0.0 6.0
130 81.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 278.682 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

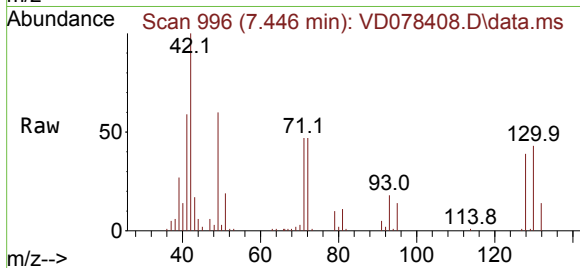
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



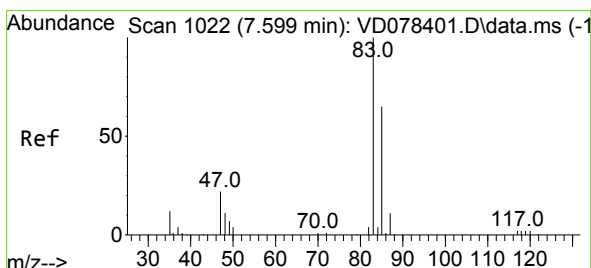
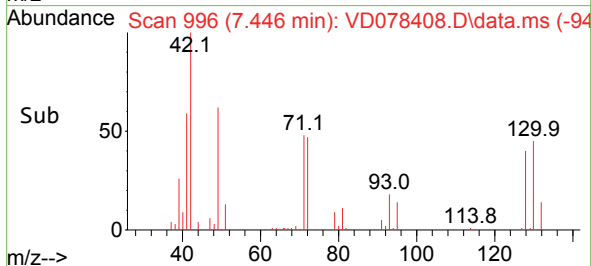
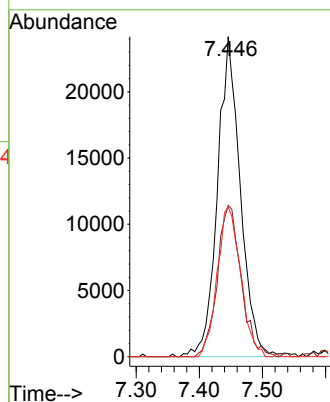
Tgt Ion: 42 Resp: 60679

Ion Ratio Lower Upper

42 100

72 49.2 46.5 69.7

71 47.8 44.5 66.7



#30

Chloroform

Concen: 55.972 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078408.D

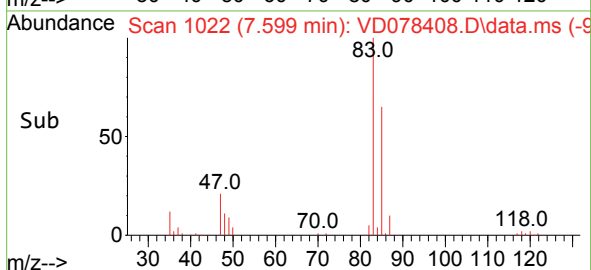
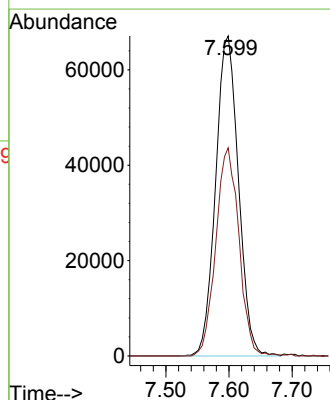
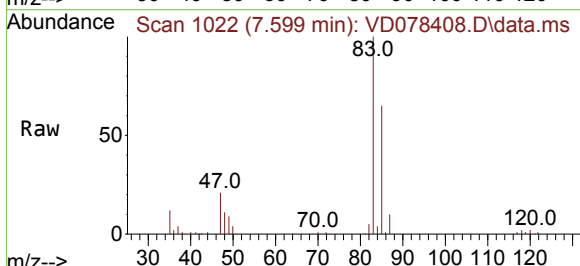
Acq: 14 Feb 2024 10:52

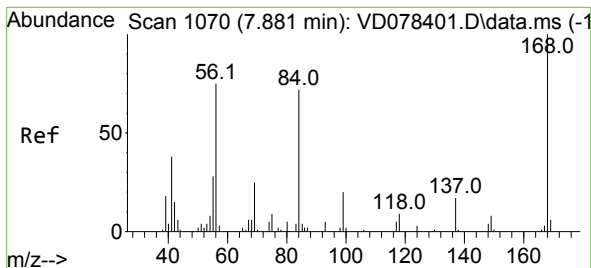
Tgt Ion: 83 Resp: 168618

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.2





#31

Cyclohexane

Concen: 51.655 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

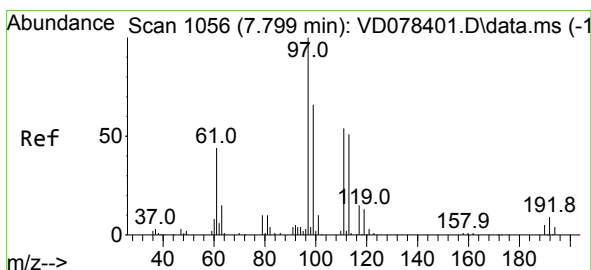
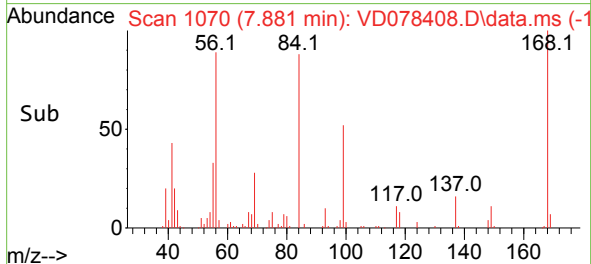
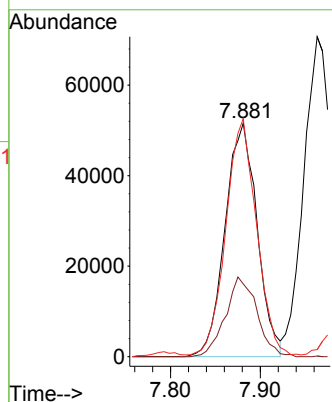
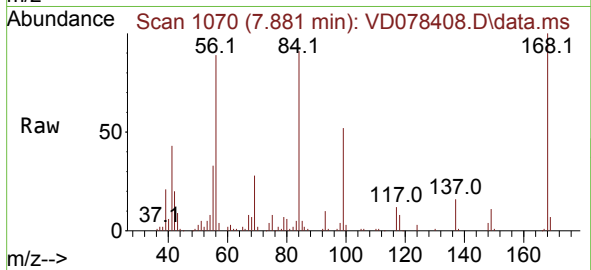
Tgt Ion: 56 Resp: 127933

Ion Ratio Lower Upper

56 100

69 31.2 28.6 43.0

84 101.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 54.902 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

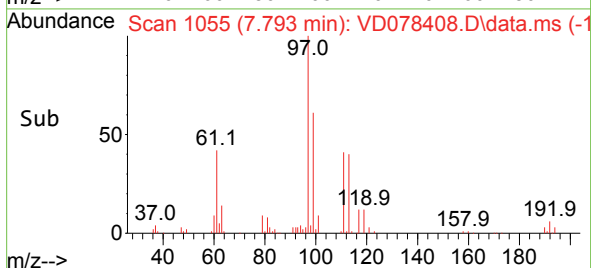
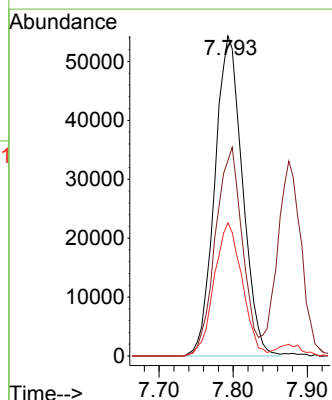
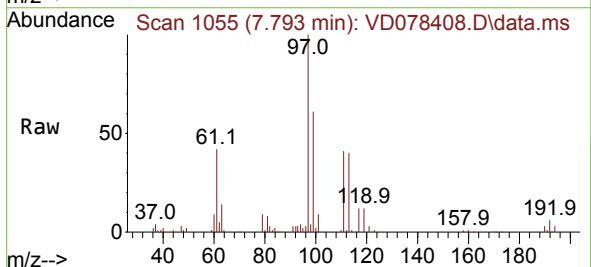
Tgt Ion: 97 Resp: 141015

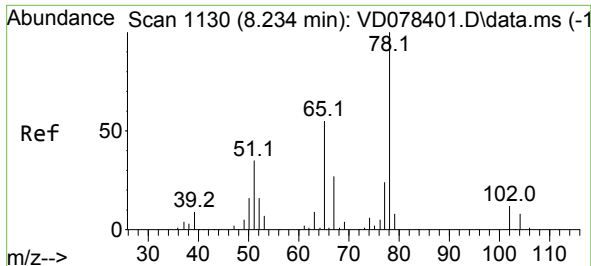
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.049 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

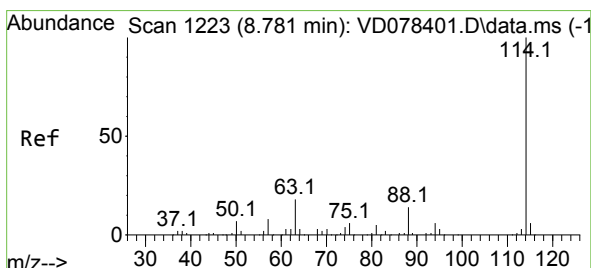
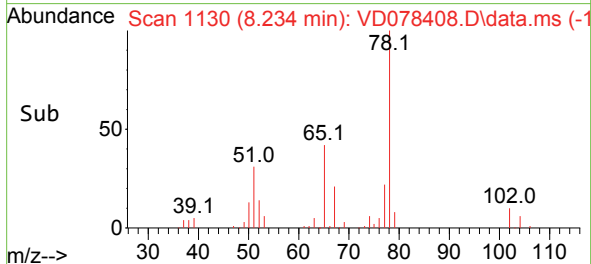
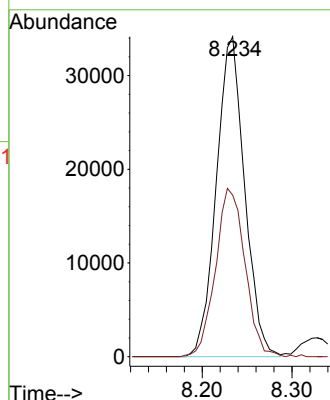
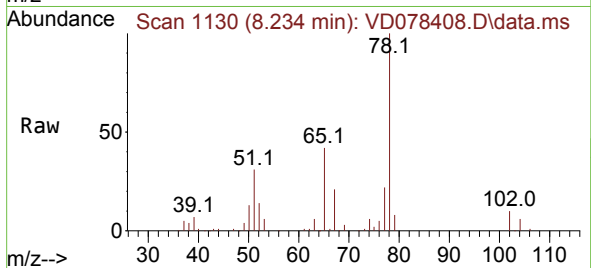
ClientSampleId :

Tgt Ion: 65 Resp: 74741

Ion Ratio Lower Upper

65 100

67 54.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

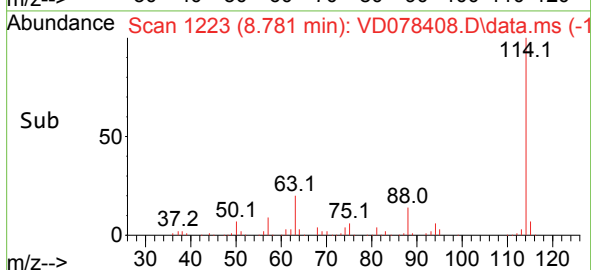
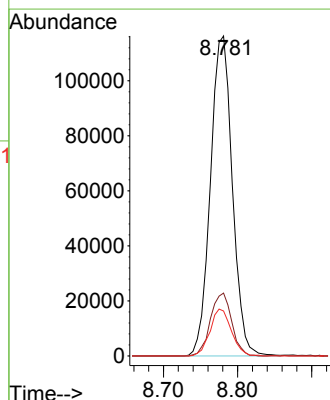
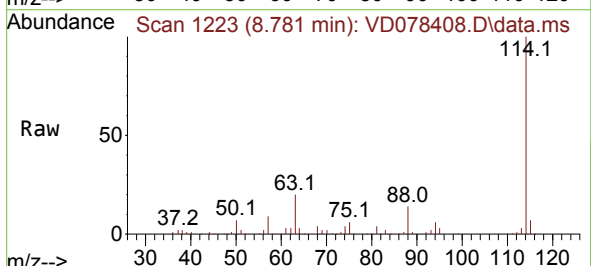
Tgt Ion: 114 Resp: 239055

Ion Ratio Lower Upper

114 100

63 19.7 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.216 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

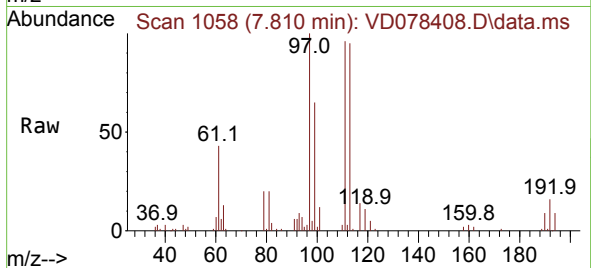
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



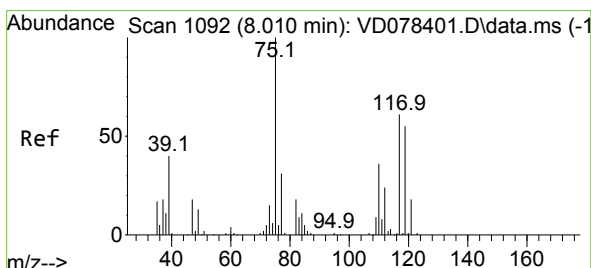
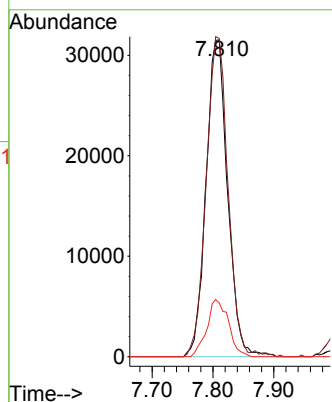
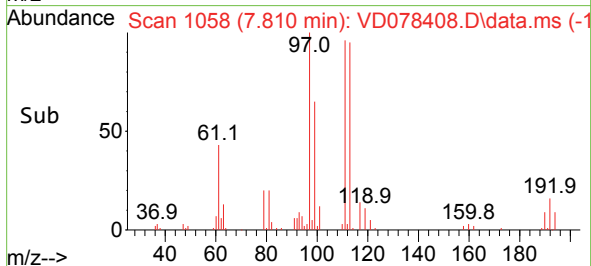
Tgt Ion:113 Resp: 77773

Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 18.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 54.418 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

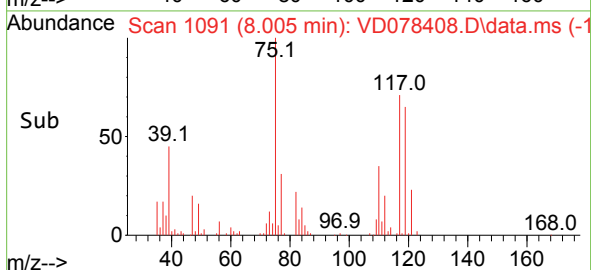
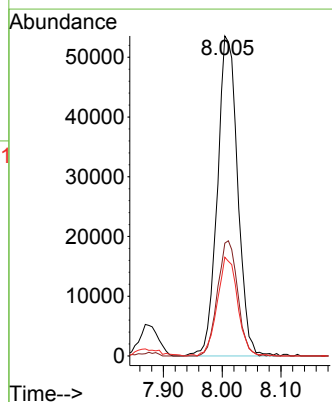
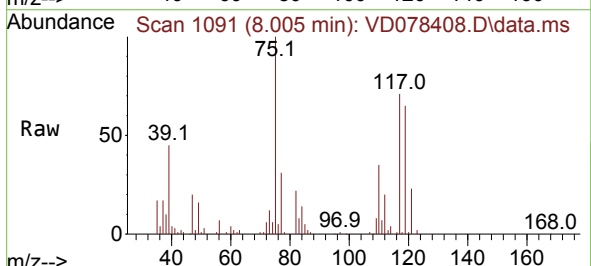
Tgt Ion: 75 Resp: 128372

Ion Ratio Lower Upper

75 100

110 35.7 19.9 59.6

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 51.754 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

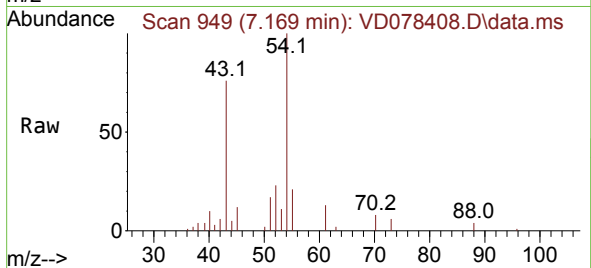
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

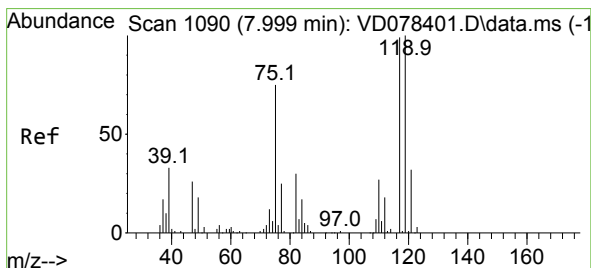
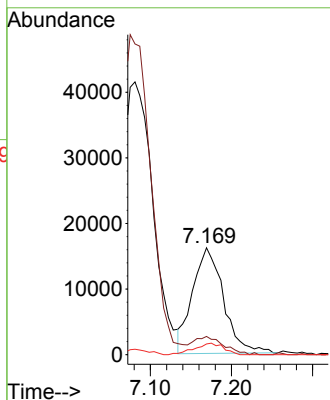
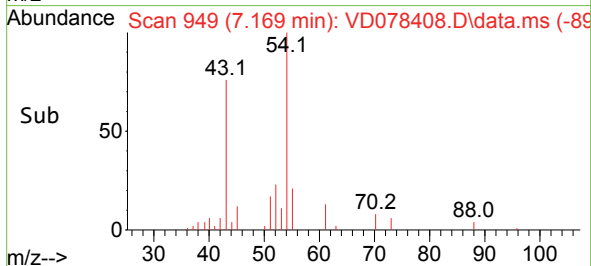
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	42797
Ion Ratio	Lower	Upper	
43	100		
61	16.5	14.9	22.3
70	10.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 53.883 ug/l

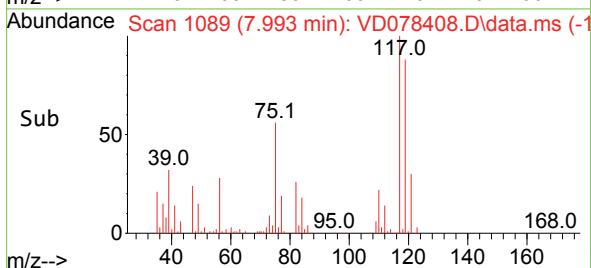
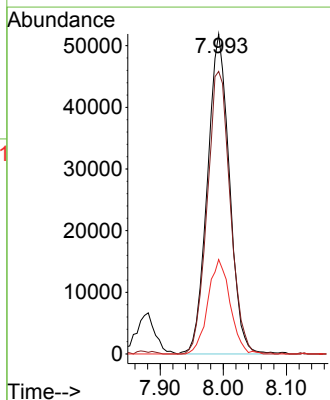
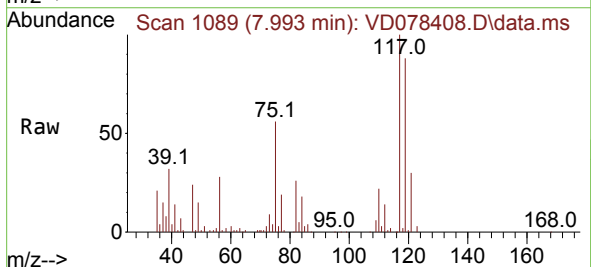
RT: 7.993 min Scan# 1089

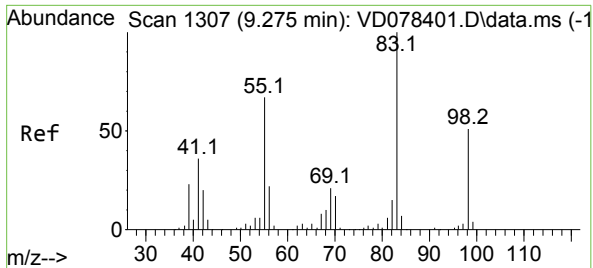
Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

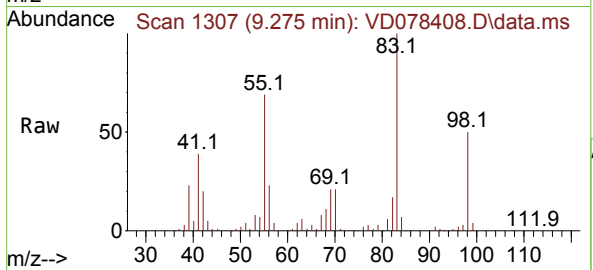
Tgt Ion:	117	Resp:	125879
Ion Ratio	Lower	Upper	
117	100		
119	88.3	78.0	117.0
121	29.5	24.2	36.2



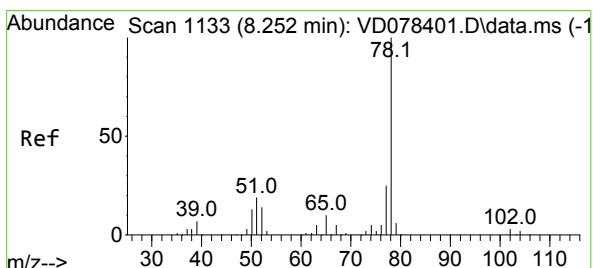
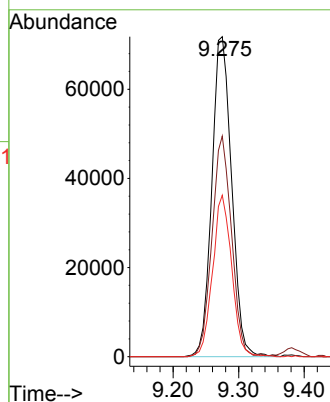
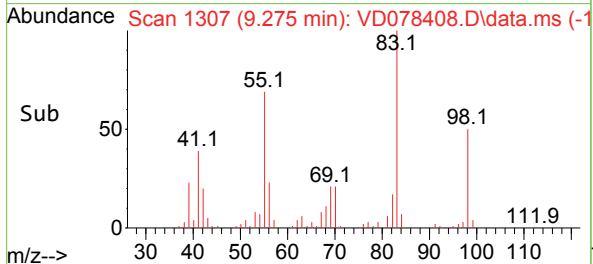


#39
Methylcyclohexane
Concen: 53.705 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

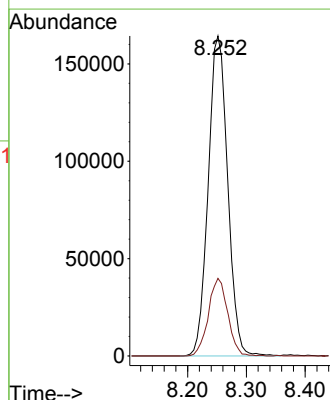
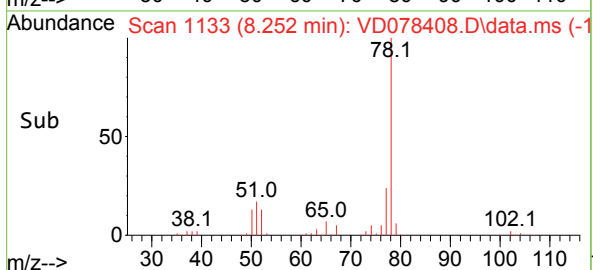
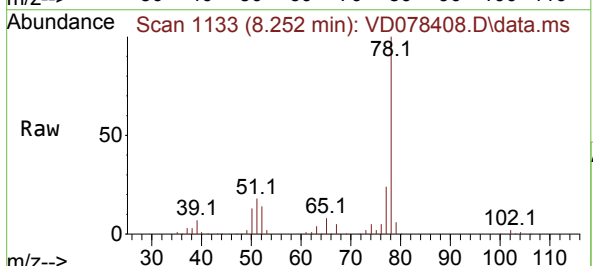


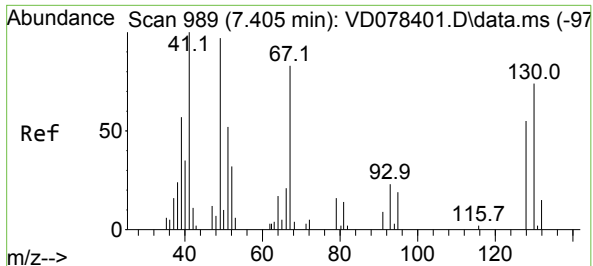
Tgt Ion: 83 Resp: 150402
Ion Ratio Lower Upper
83 100
55 69.0 49.4 74.0
98 50.4 38.4 57.6



#40
Benzene
Concen: 55.389 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 78 Resp: 377669
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

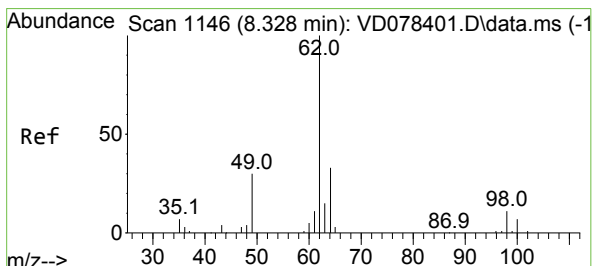
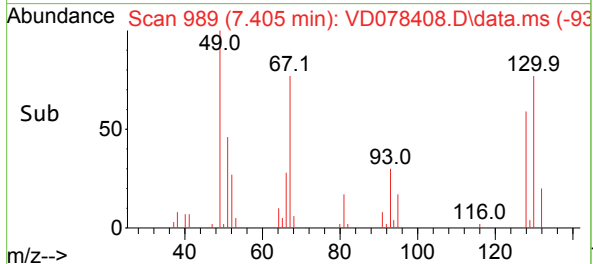
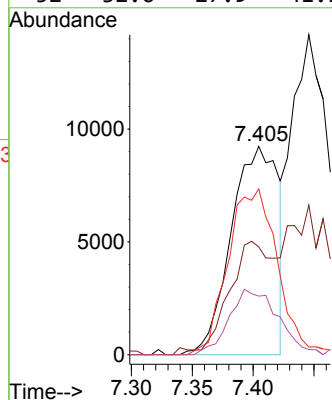
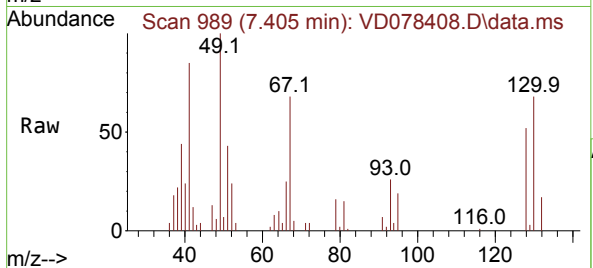




#41
Methacrylonitrile
Concen: 57.598 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

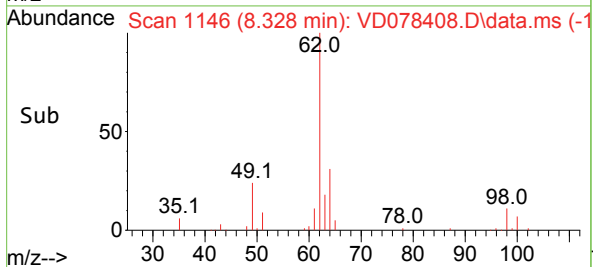
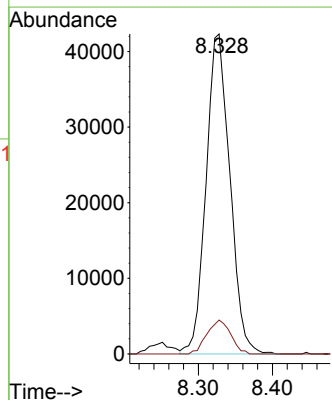
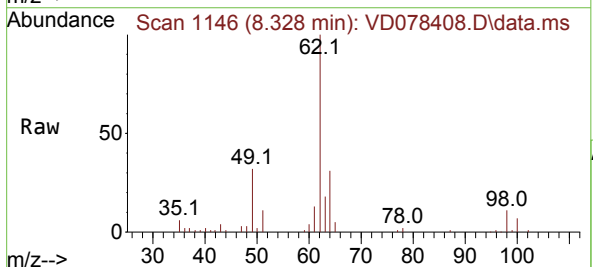
Instrument :
MSVOA_D
ClientSampleId :

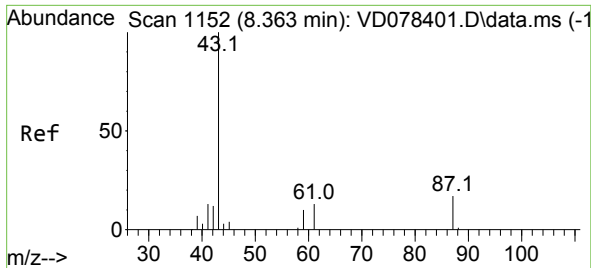
Tgt Ion: 41 Resp: 24788
Ion Ratio Lower Upper
41 100
39 49.1 34.0 51.0
67 83.9 77.0 115.4
52 32.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.673 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 62 Resp: 94694
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4

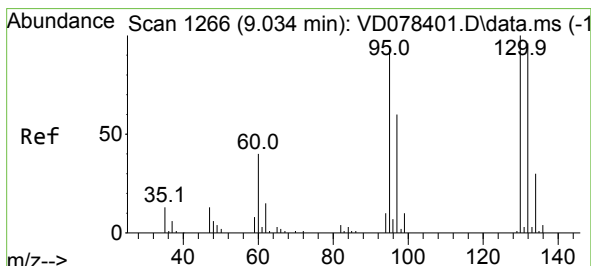
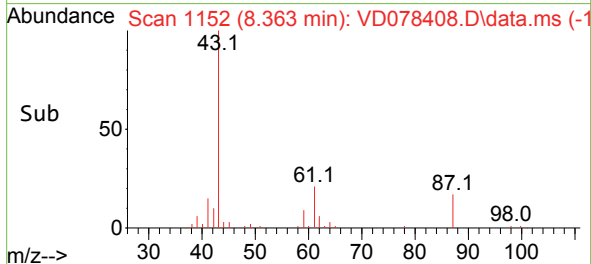
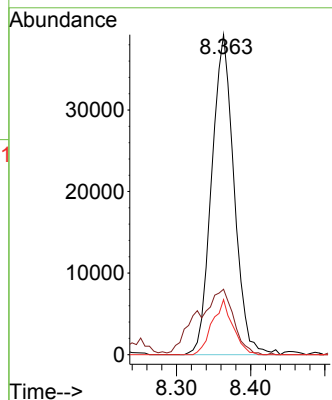
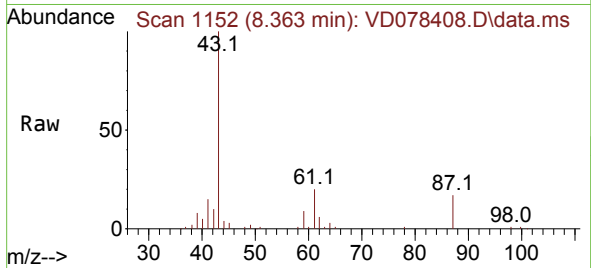




#43
Isopropyl Acetate
Concen: 53.719 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

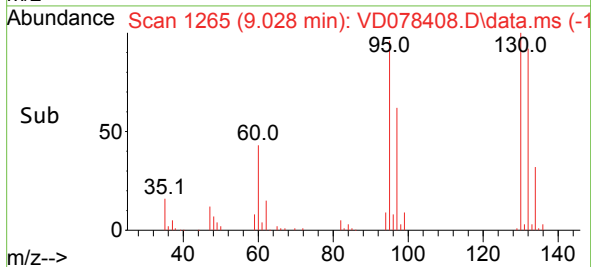
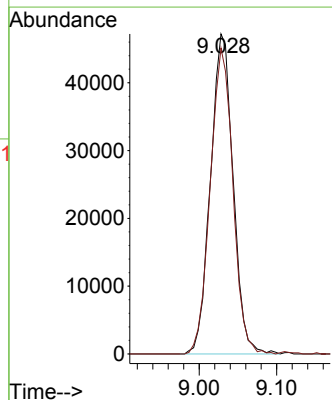
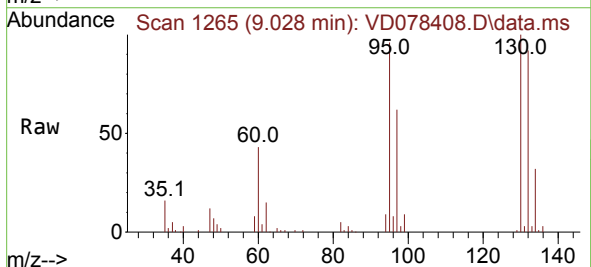
Instrument :
MSVOA_D
ClientSampleId :

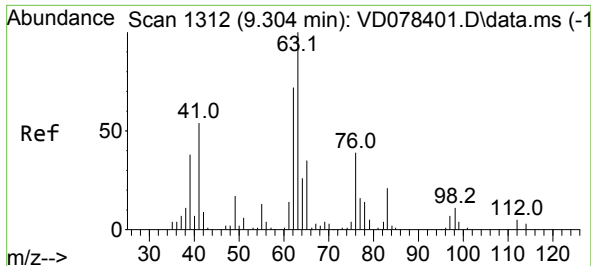
Tgt Ion:	43	Resp:	82258
Ion Ratio	Lower	Upper	
43	100		
61	33.2	31.4	47.0
87	15.9	14.9	22.3



#44
Trichloroethene
Concen: 55.064 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion:	130	Resp:	95786
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	179.2





#45

1,2-Dichloropropane

Concen: 54.713 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

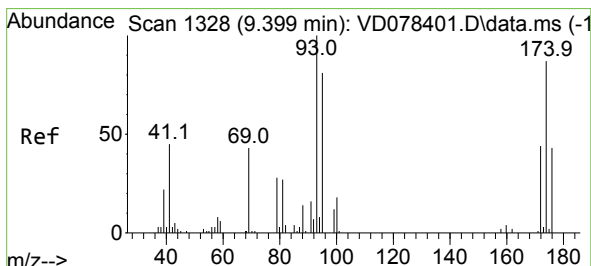
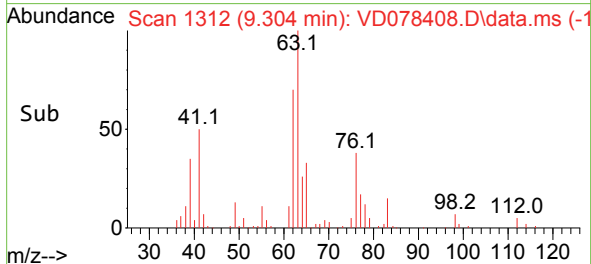
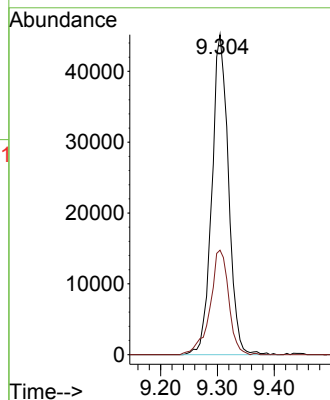
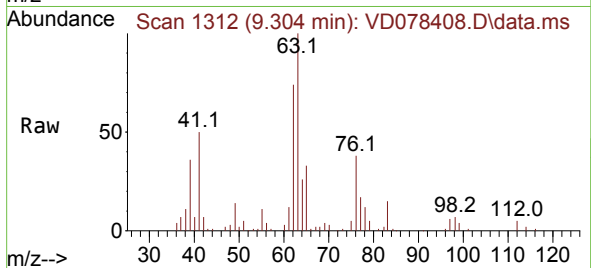
ClientSampleId :

Tgt Ion: 63 Resp: 91533

Ion Ratio Lower Upper

63 100

65 32.7 24.5 36.7



#46

Dibromomethane

Concen: 55.834 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

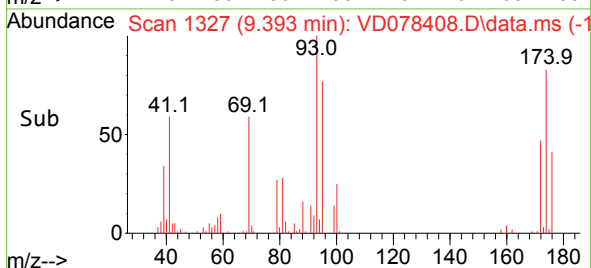
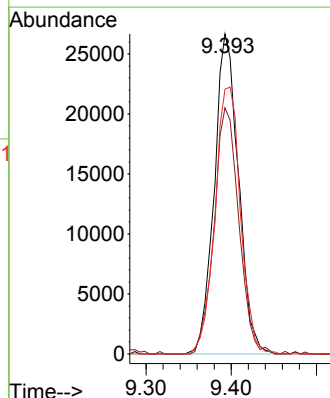
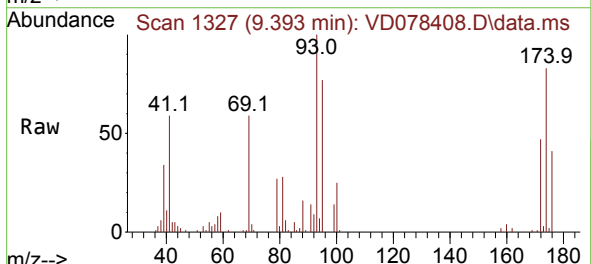
Tgt Ion: 93 Resp: 52539

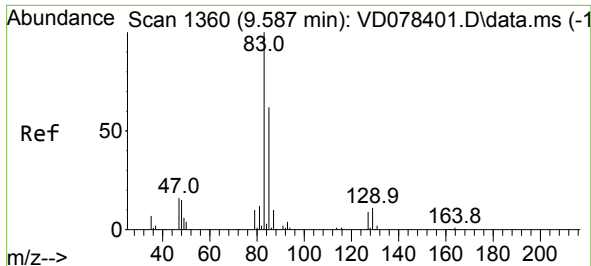
Ion Ratio Lower Upper

93 100

95 78.6 67.7 101.5

174 87.8 85.4 128.2

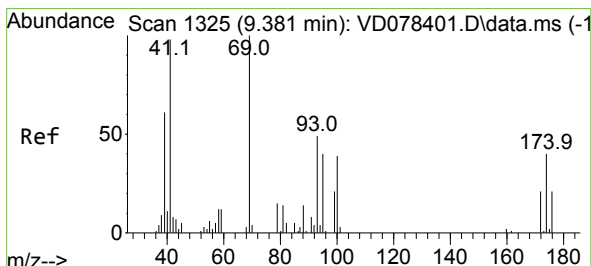
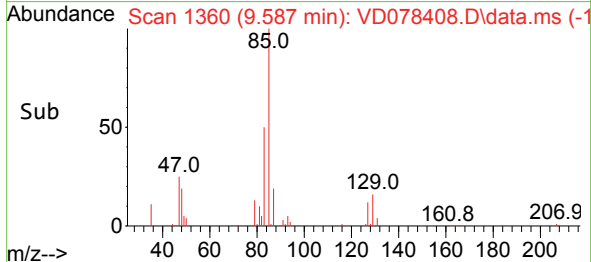
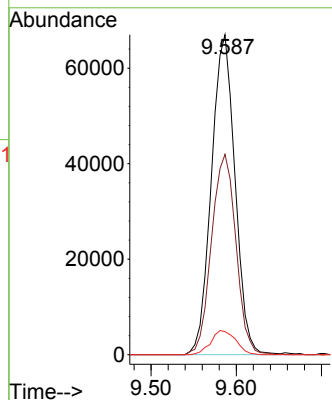
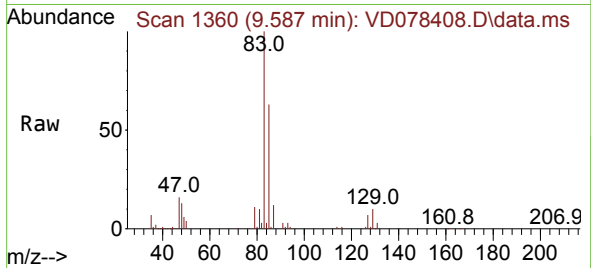




#47
Bromodichloromethane
Concen: 55.234 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

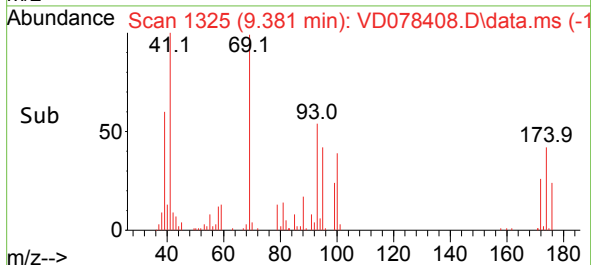
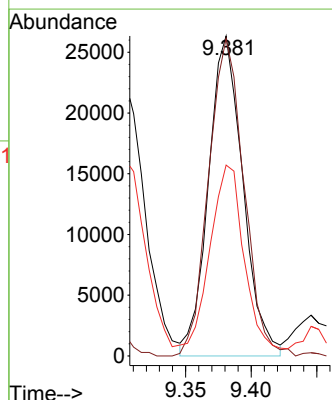
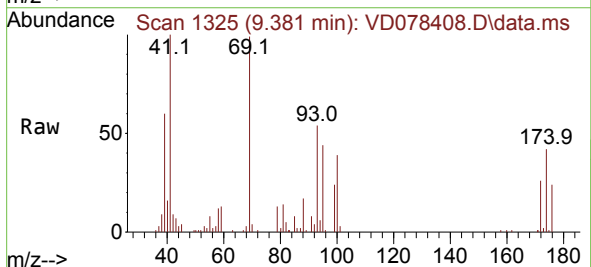
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 128733
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 59.299 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 41 Resp: 48174
Ion Ratio Lower Upper
41 100
69 101.7 102.2 153.2#
39 60.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1083.361 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

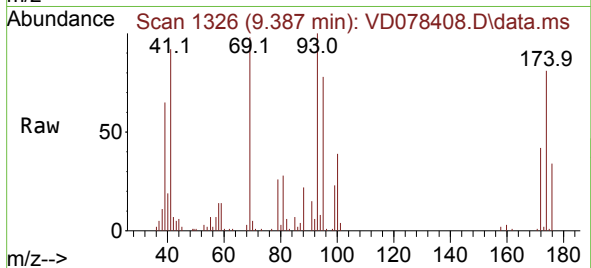
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



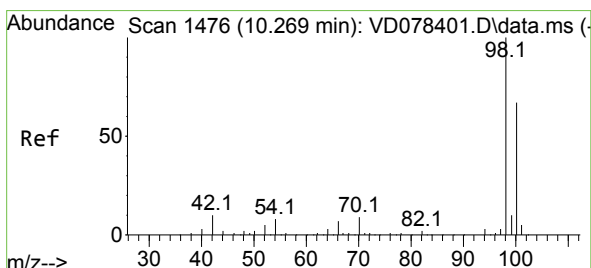
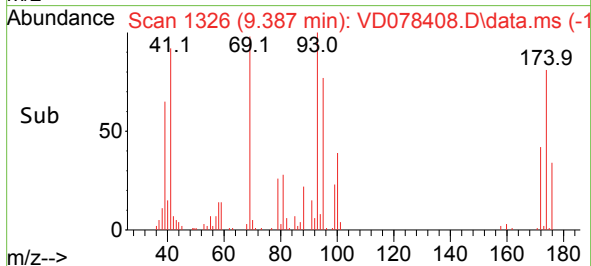
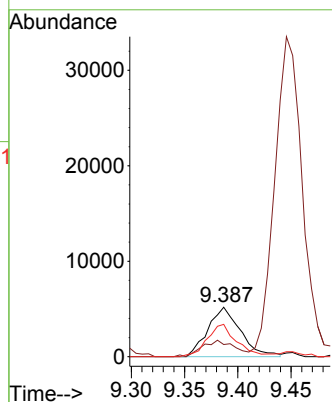
Tgt Ion: 88 Resp: 11040

Ion Ratio Lower Upper

88 100

43 33.1 19.0 28.6#

58 59.6 43.5 65.3



#50

Toluene-d8

Concen: 49.912 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078408.D

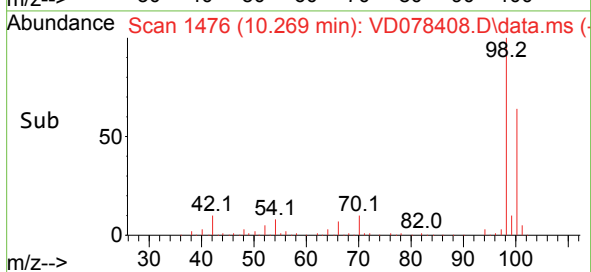
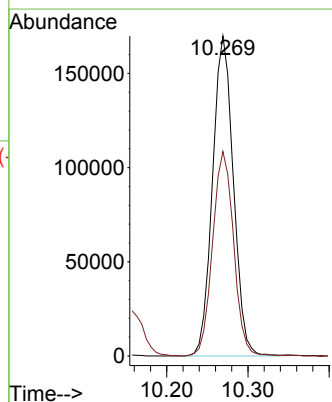
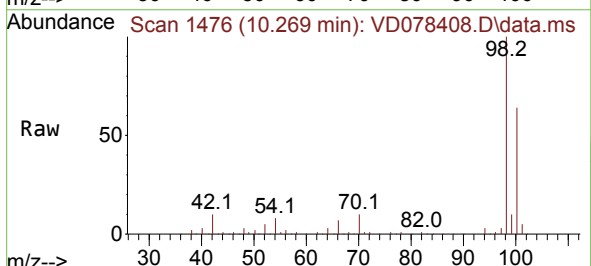
Acq: 14 Feb 2024 10:52

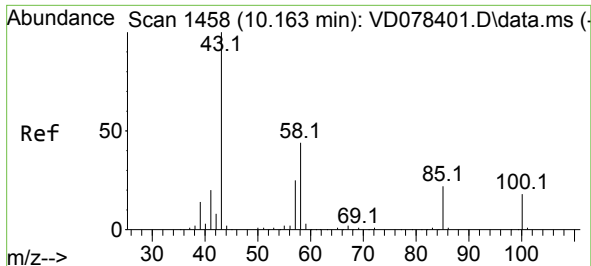
Tgt Ion: 98 Resp: 303190

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

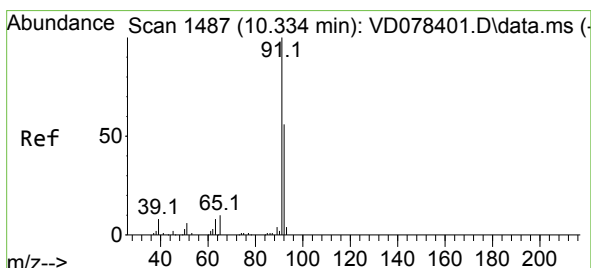
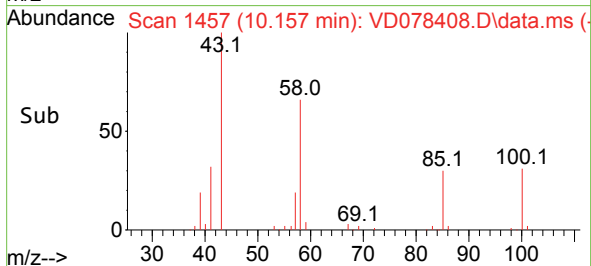
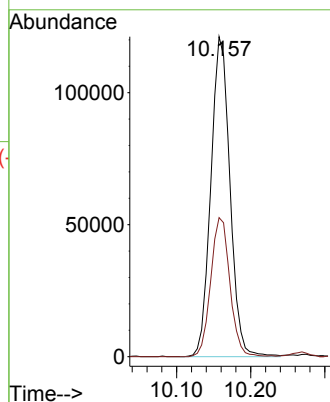
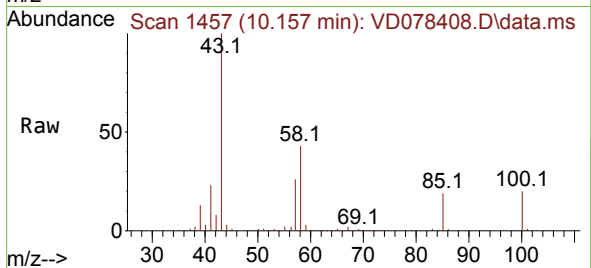




#51
4-Methyl-2-Pentanone
Concen: 267.256 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

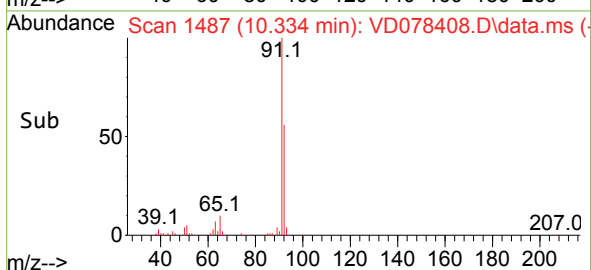
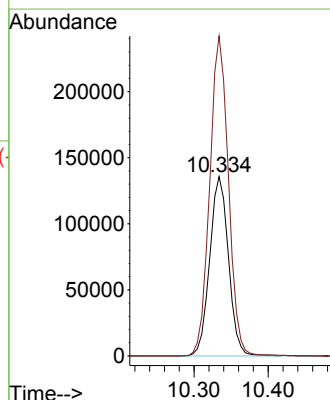
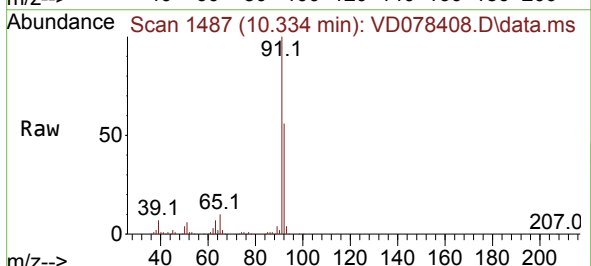
Instrument :
MSVOA_D
ClientSampleId :

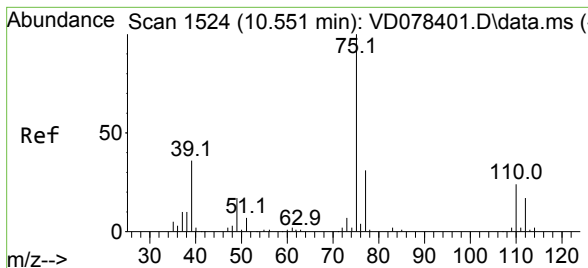
Tgt Ion: 43 Resp: 217205
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3



#52
Toluene
Concen: 55.283 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 92 Resp: 238374
Ion Ratio Lower Upper
92 100
91 178.4 143.0 214.4

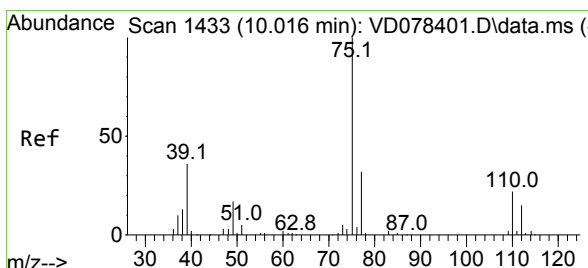
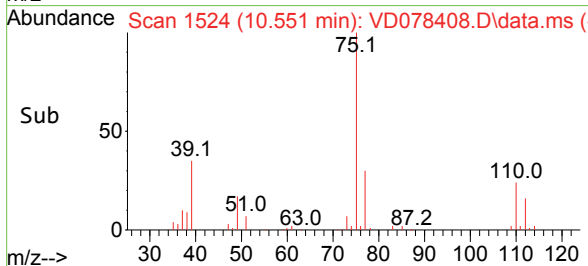
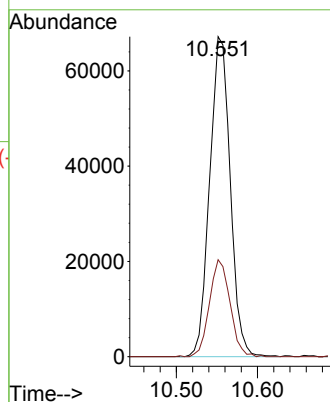
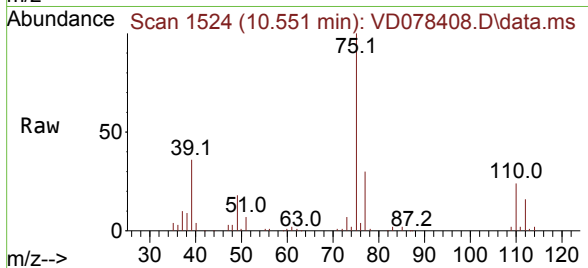




#53
t-1,3-Dichloropropene
Concen: 55.502 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

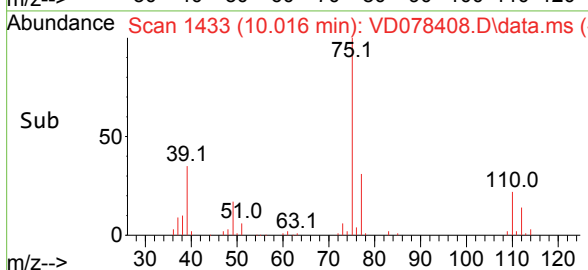
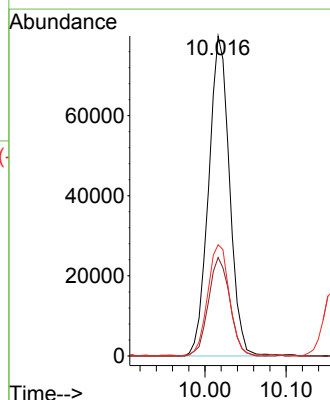
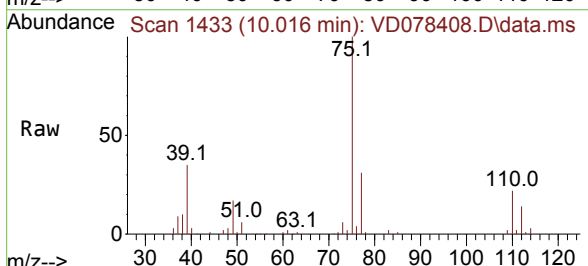
Instrument :
MSVOA_D
ClientSampleId :

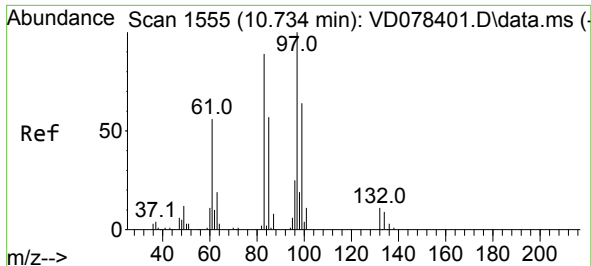
Tgt Ion: 75 Resp: 118035
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 55.448 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

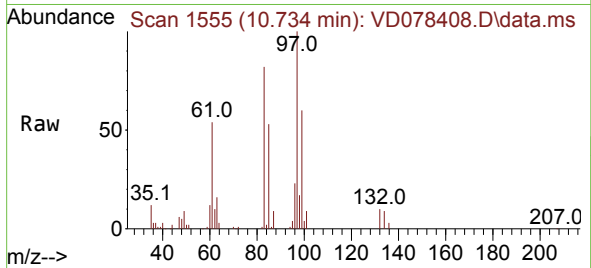
Tgt Ion: 75 Resp: 142987
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3
39 34.8 22.1 33.1#



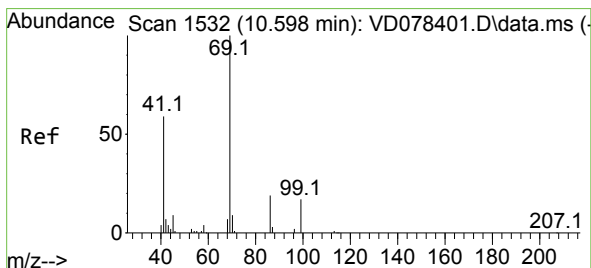
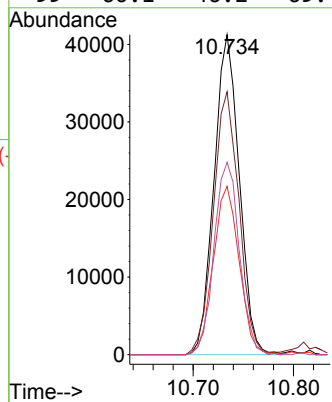
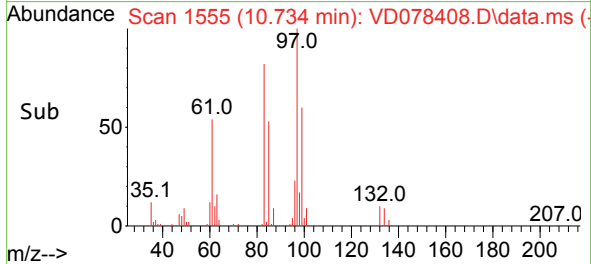


#55
1,1,2-Trichloroethane
Concen: 56.874 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

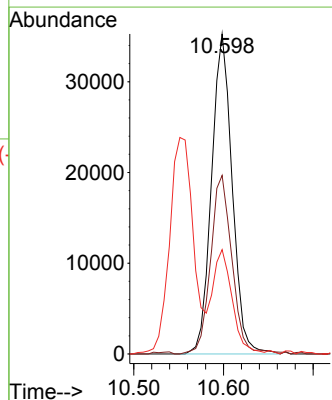
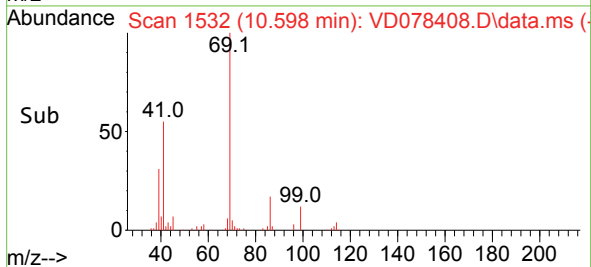
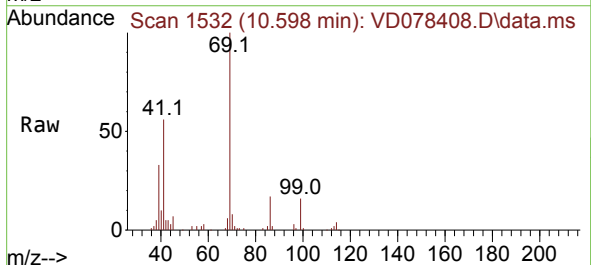


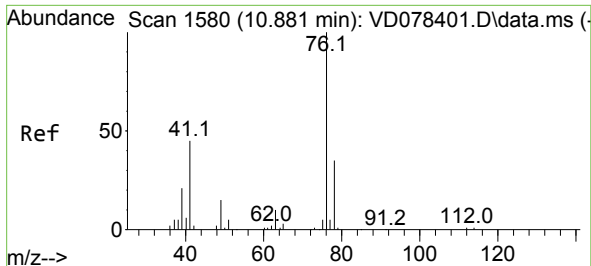
Tgt Ion: 97	Resp: 72072
Ion Ratio	Lower Upper
97 100	
83 82.2	65.8 98.6
85 52.6	45.7 68.5
99 60.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 48.035 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 69	Resp: 56297
Ion Ratio	Lower Upper
69 100	
41 58.0	39.1 58.7
39 30.8	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 54.815 ug/l

RT: 10.881 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

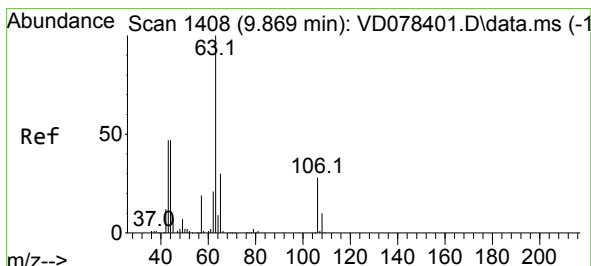
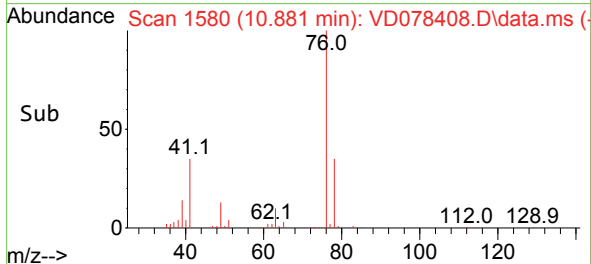
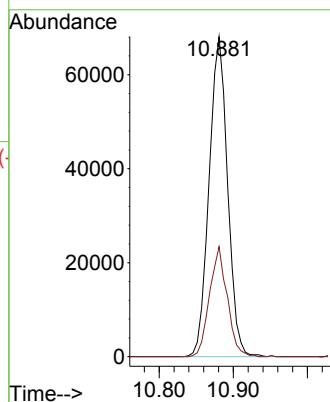
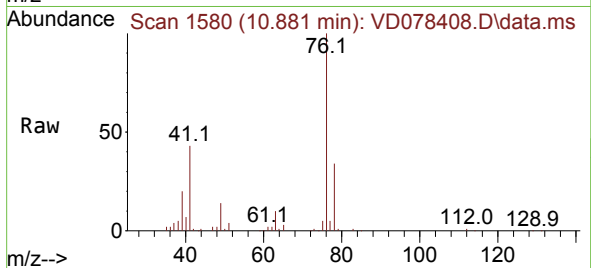
ClientSampleId :

Tgt Ion: 76 Resp: 118161

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 239.644 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078408.D

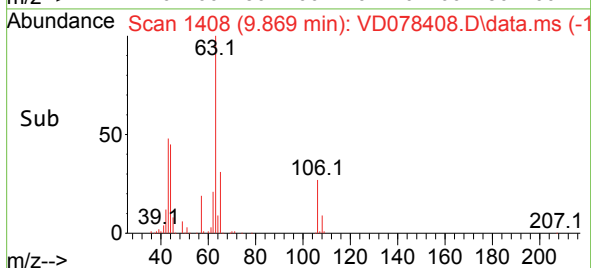
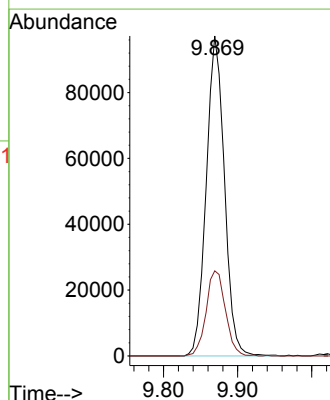
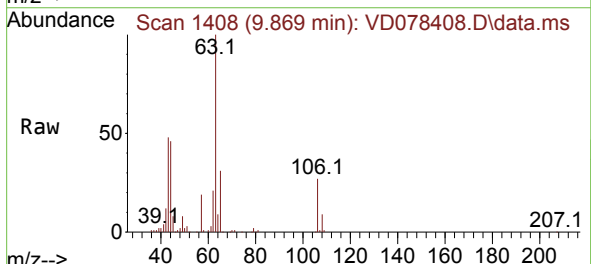
Acq: 14 Feb 2024 10:52

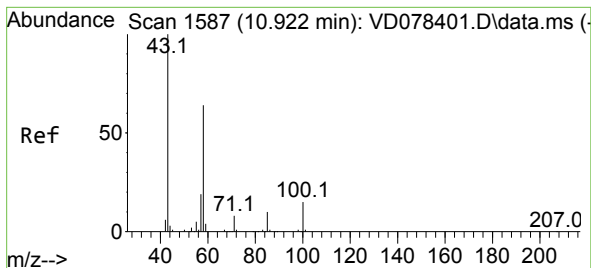
Tgt Ion: 63 Resp: 165439

Ion Ratio Lower Upper

63 100

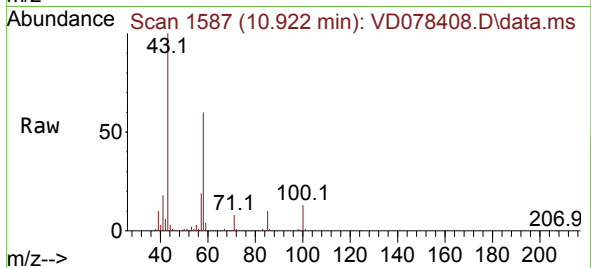
106 28.2 25.3 37.9



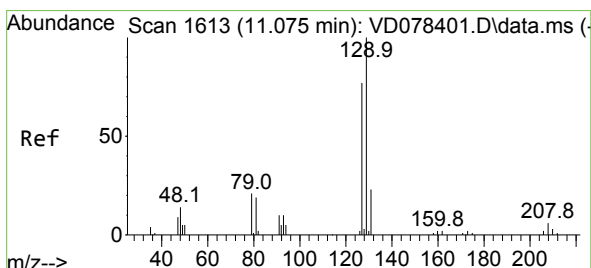
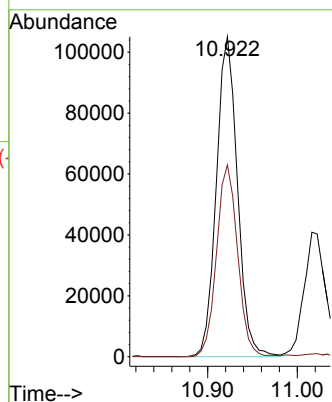
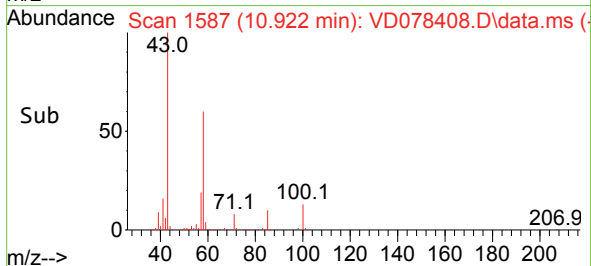


#59
2-Hexanone
Concen: 281.052 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

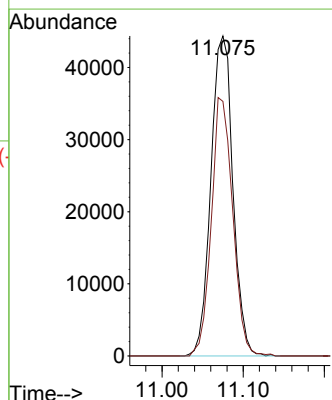
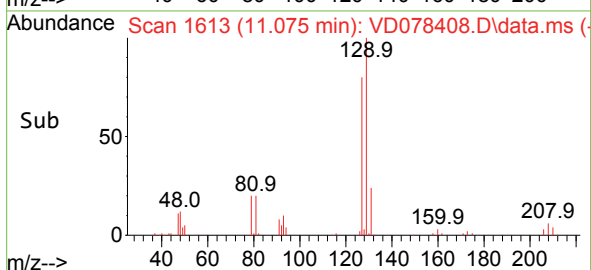
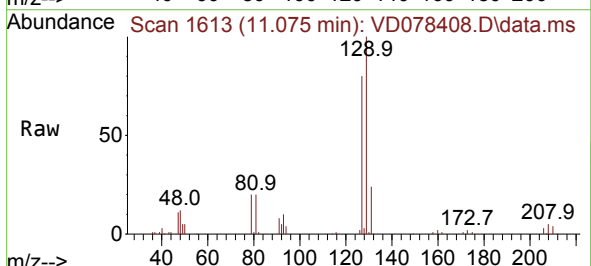


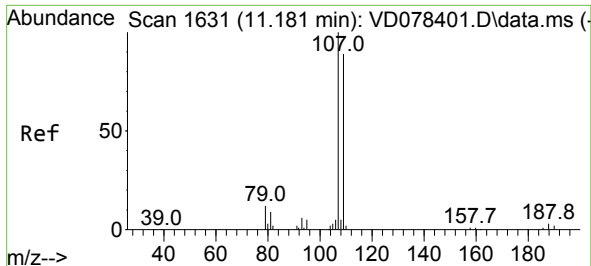
Tgt Ion: 43 Resp: 171658
Ion Ratio Lower Upper
43 100
58 59.8 34.1 102.2



#60
Dibromochloromethane
Concen: 54.880 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 129 Resp: 83674
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5

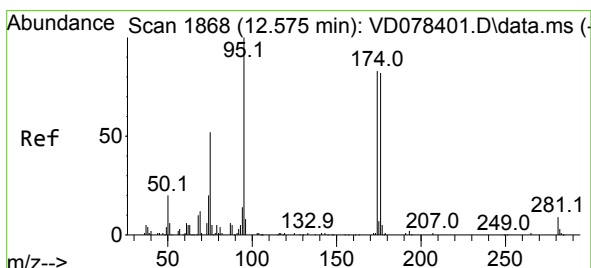
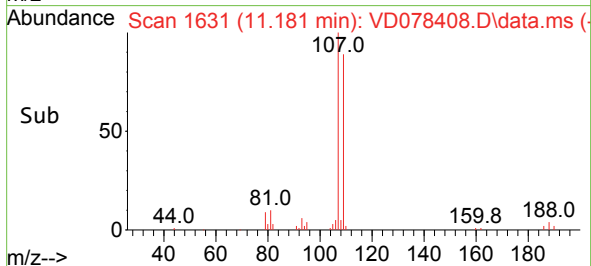
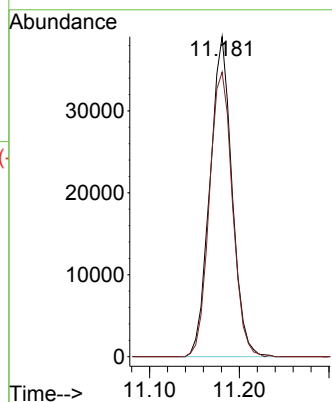
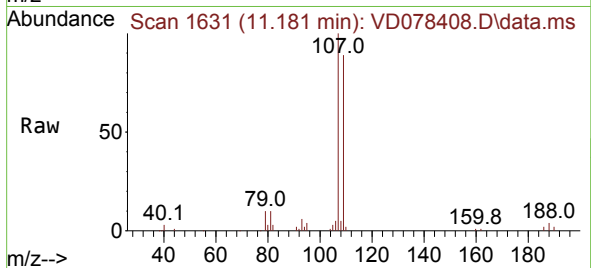




#61
1,2-Dibromoethane
Concen: 56.067 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

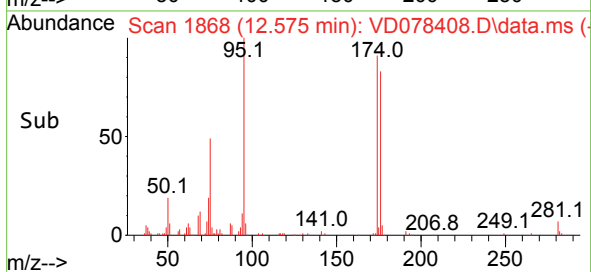
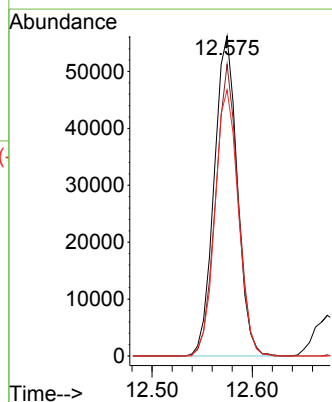
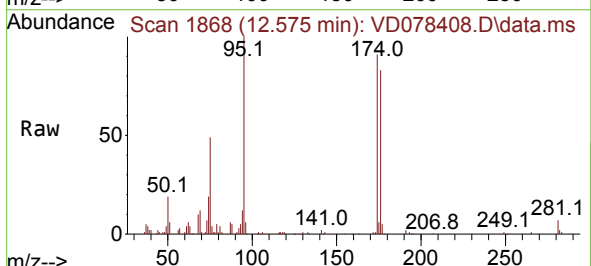
Instrument :
MSVOA_D
ClientSampleId :

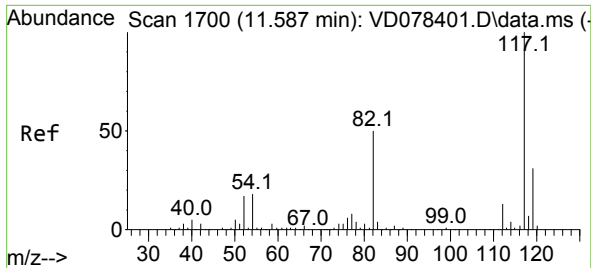
Tgt Ion:107 Resp: 66701
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.928 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 95 Resp: 90026
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 84.1 0.0 191.8

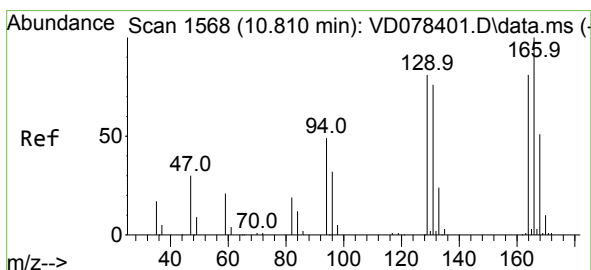
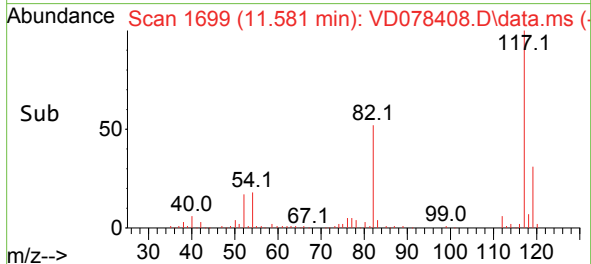
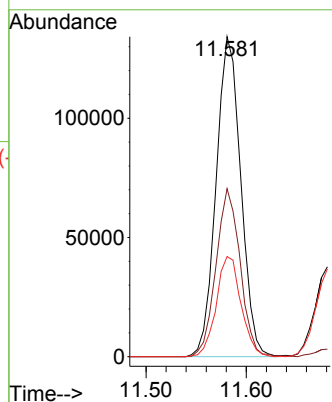
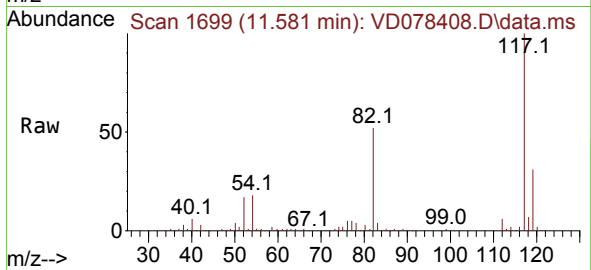




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

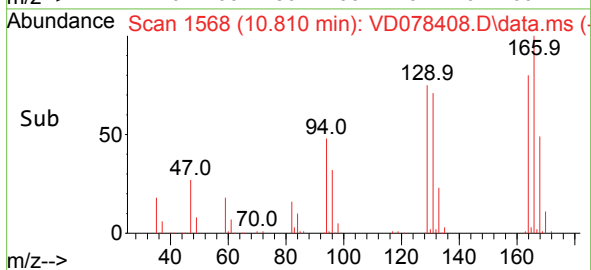
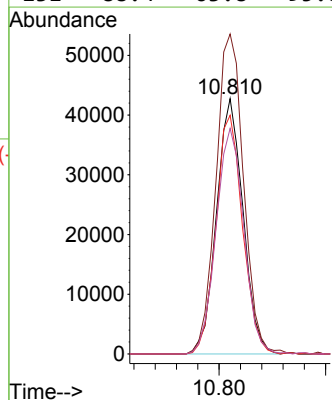
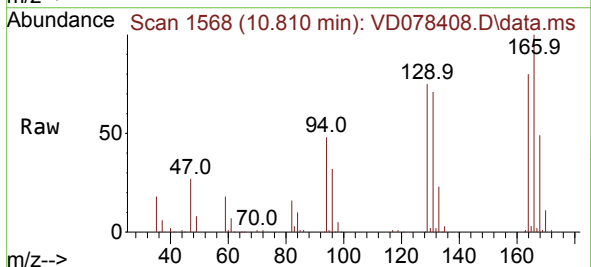
Instrument :
MSVOA_D
ClientSampleId :

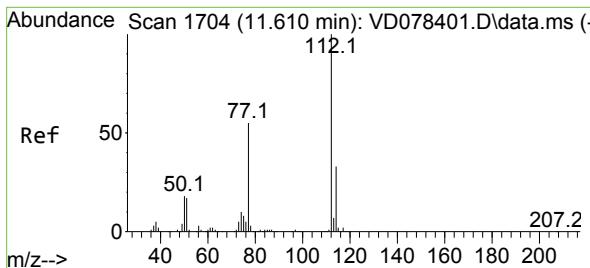
Tgt Ion:117 Resp: 228922
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 51.019 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion:164 Resp: 73771
Ion Ratio Lower Upper
164 100
166 125.3 99.2 148.8
129 93.5 68.4 102.6
131 88.4 63.8 95.8





#65

Chlorobenzene

Concen: 53.785 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

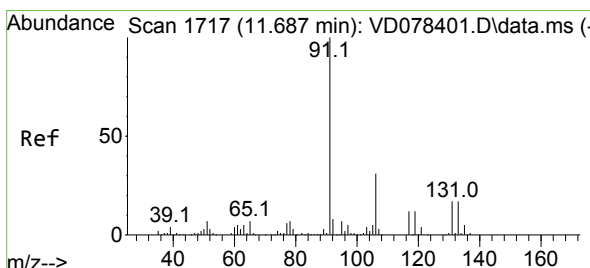
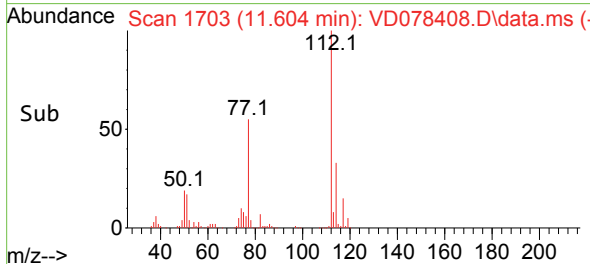
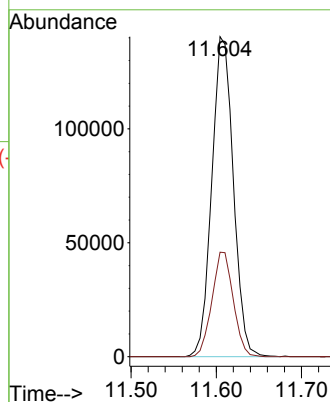
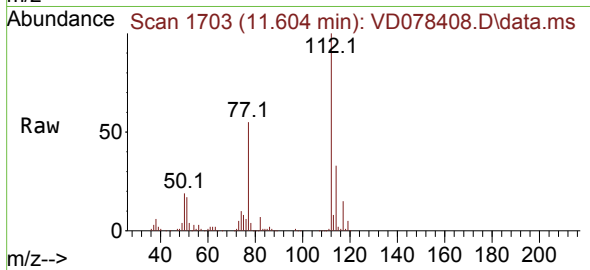
ClientSampleId :

Tgt Ion:112 Resp: 247532

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.489 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

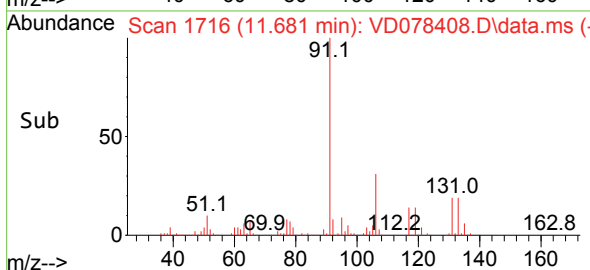
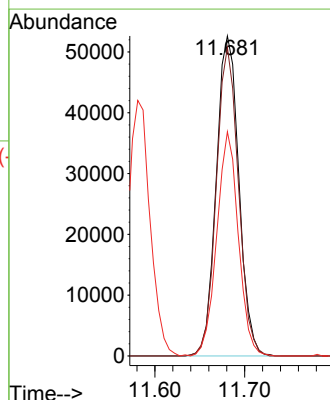
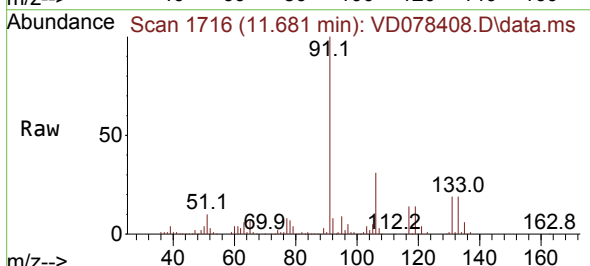
Tgt Ion:131 Resp: 92157

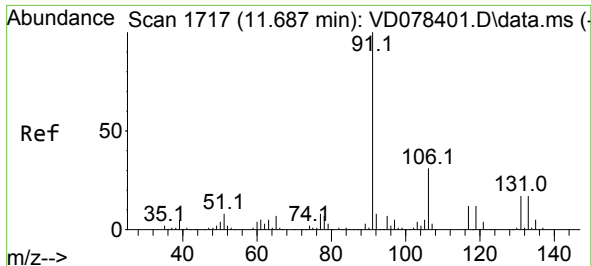
Ion Ratio Lower Upper

131 100

133 94.3 48.5 145.5

119 66.8 35.6 106.9

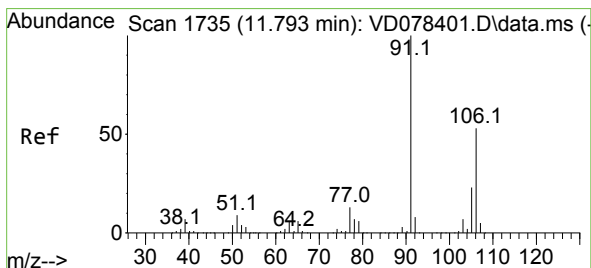
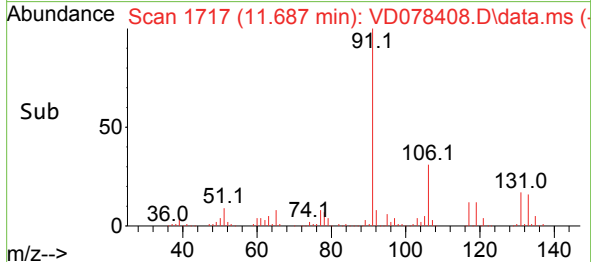
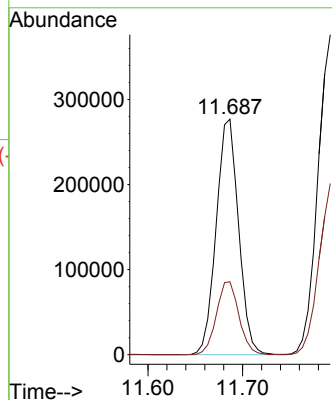
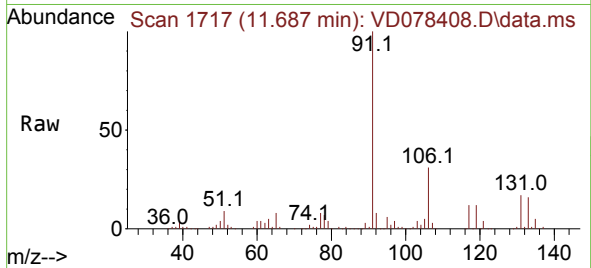




#67
Ethyl Benzene
Concen: 55.214 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

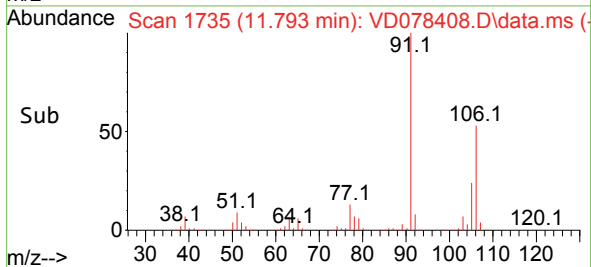
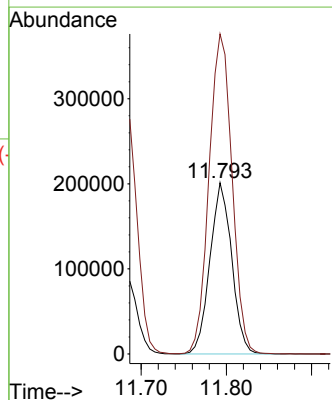
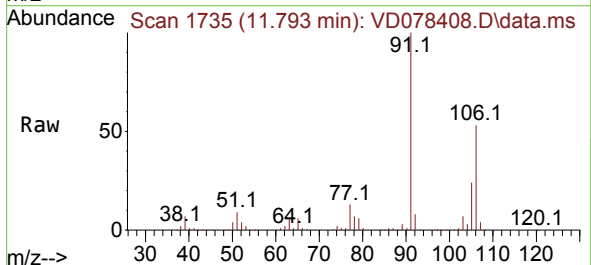
Instrument :
MSVOA_D
ClientSampleId :

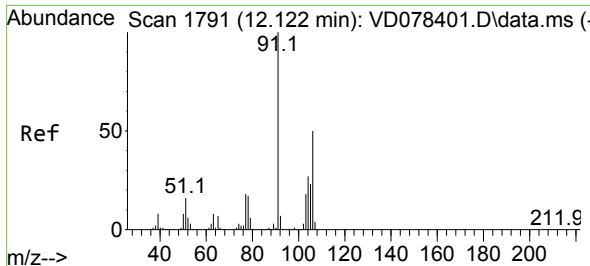
Tgt Ion: 91 Resp: 455294
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 110.899 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 106 Resp: 356707
Ion Ratio Lower Upper
106 100
91 197.9 147.0 220.6

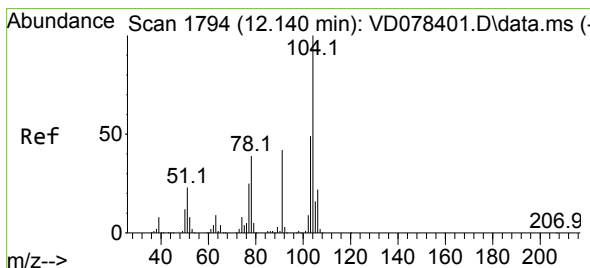
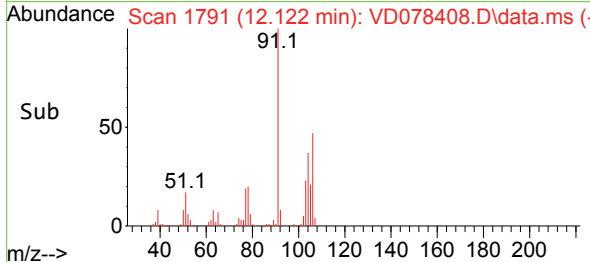
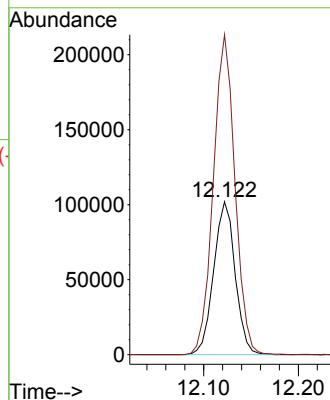
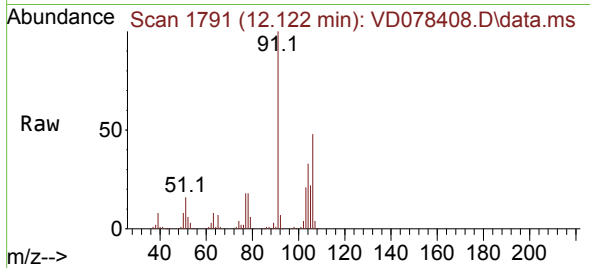




#69
o-Xylene
Concen: 54.751 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

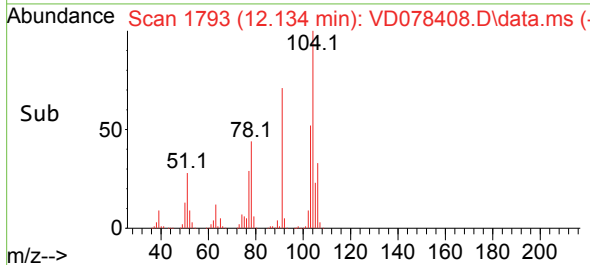
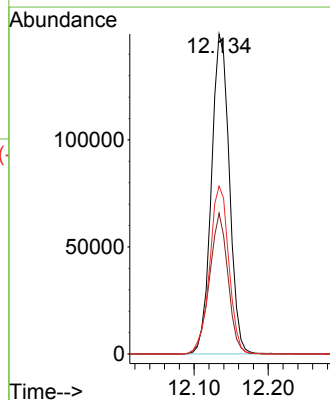
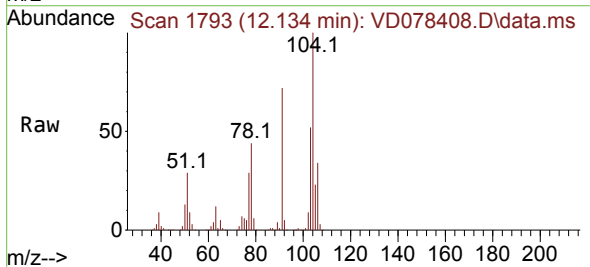
Instrument :
MSVOA_D
ClientSampleId :

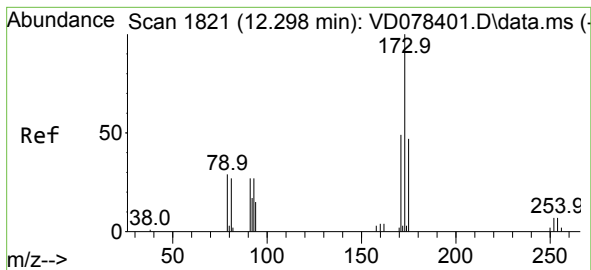
Tgt Ion:106 Resp: 160710
Ion Ratio Lower Upper
106 100
91 210.8 97.9 293.6



#70
Styrene
Concen: 52.490 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion:104 Resp: 251451
Ion Ratio Lower Upper
104 100
78 45.3 33.2 49.8
103 55.8 43.6 65.4





#71

Bromoform

Concen: 51.304 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

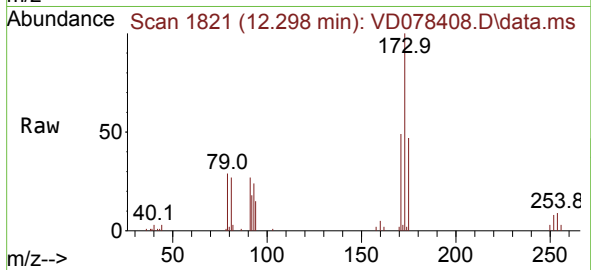
Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



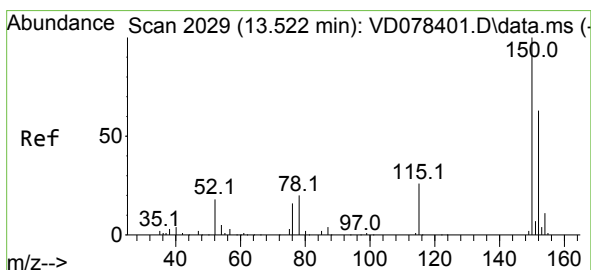
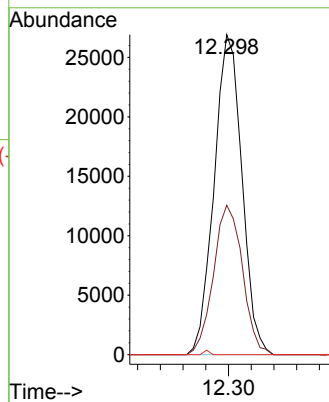
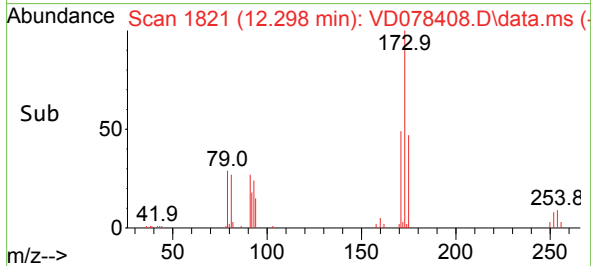
Tgt Ion:173 Resp: 45671

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.3 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

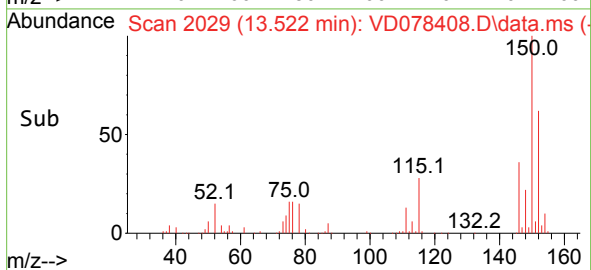
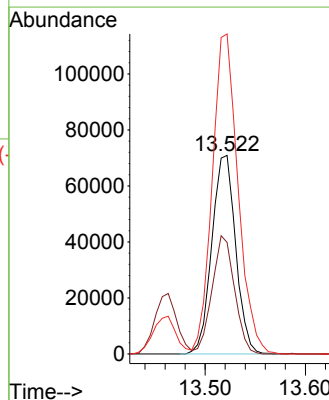
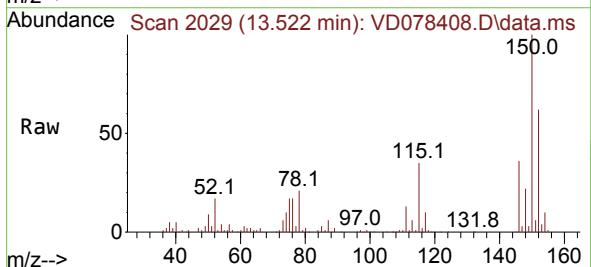
Tgt Ion:152 Resp: 117058

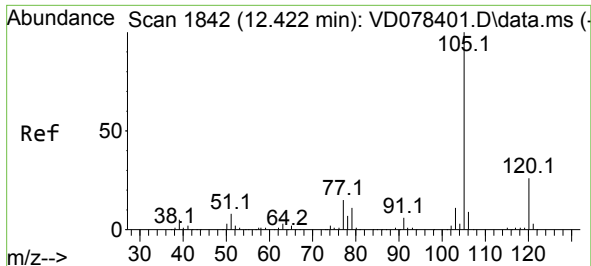
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 174.0 0.0 353.6

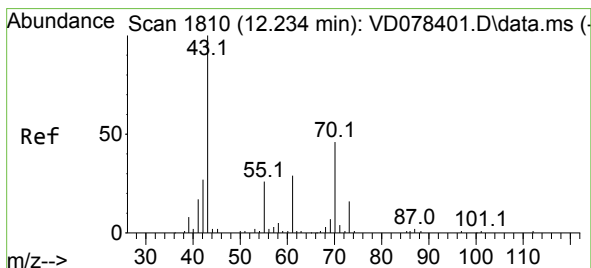
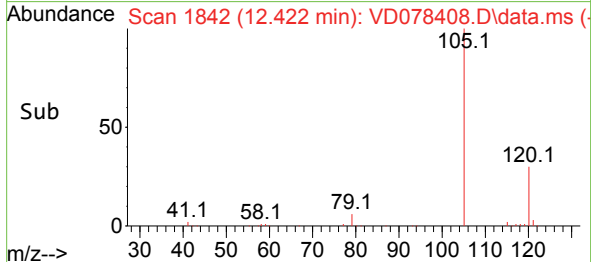
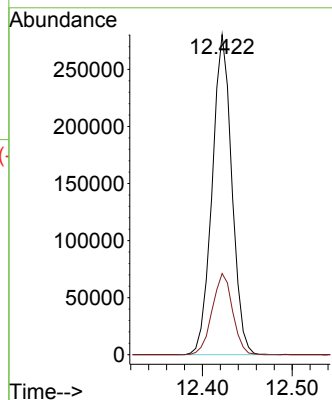
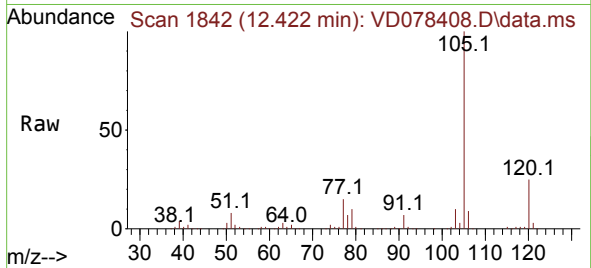




#73
Isopropylbenzene
Concen: 54.331 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

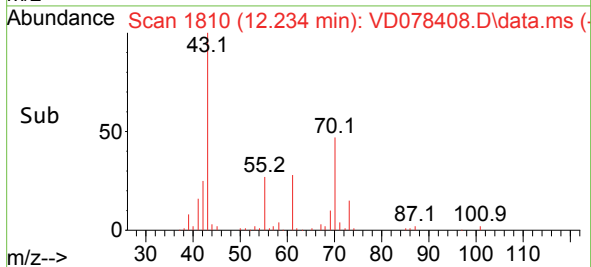
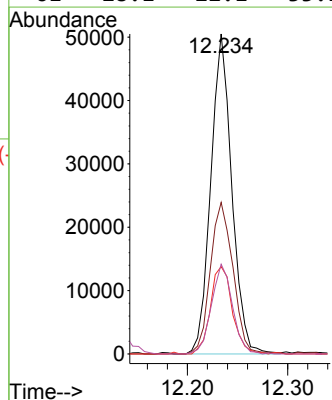
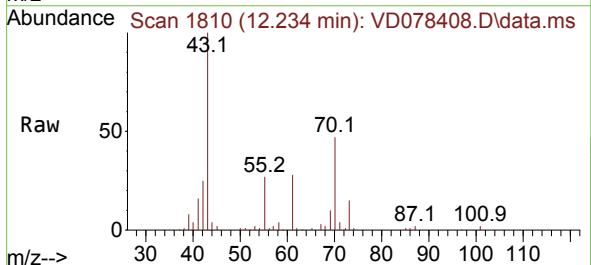
Instrument :
MSVOA_D
ClientSampleId :

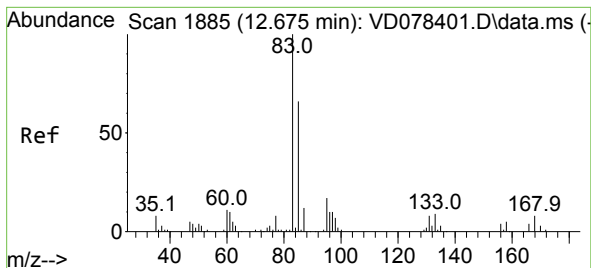
Tgt Ion:105 Resp: 427063
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 49.442 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 43 Resp: 73522
Ion Ratio Lower Upper
43 100
70 51.0 45.0 67.4
55 28.4 23.8 35.6
61 28.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.001 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

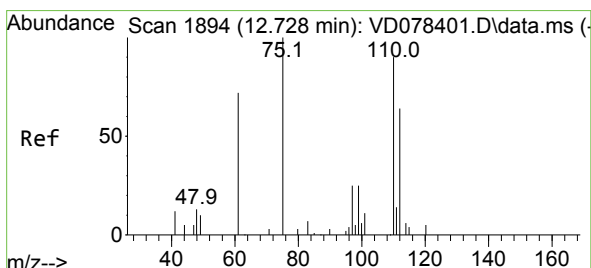
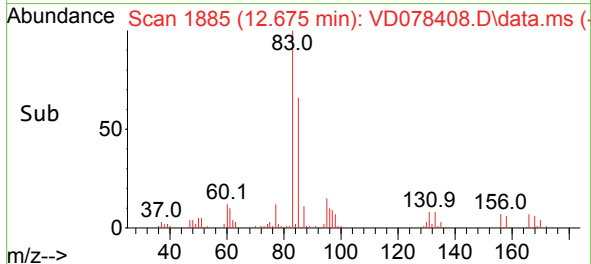
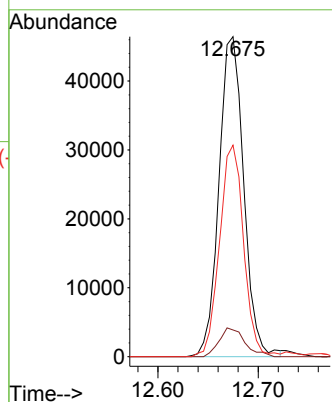
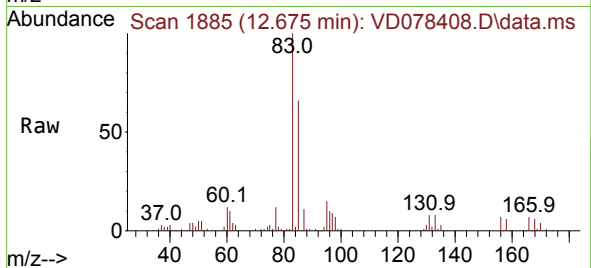
Tgt Ion: 83 Resp: 79522

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 64.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 93.342 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078408.D

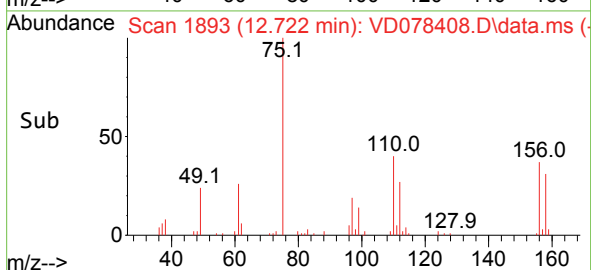
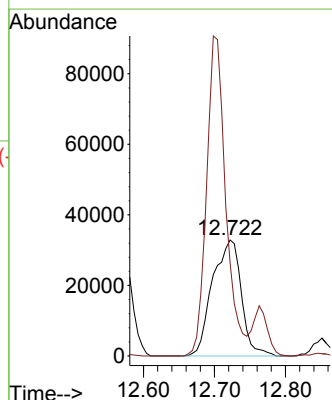
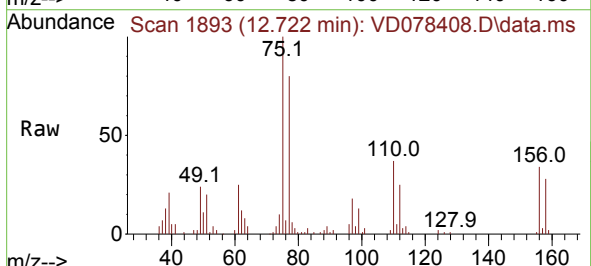
Acq: 14 Feb 2024 10:52

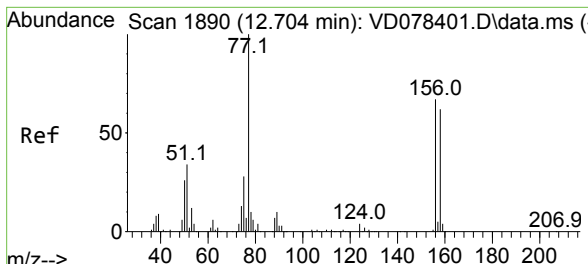
Tgt Ion: 75 Resp: 92762

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

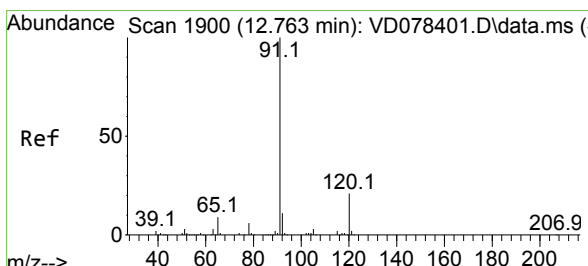
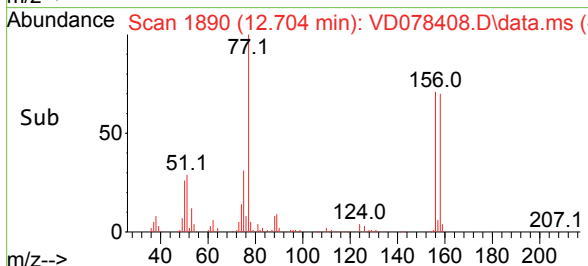
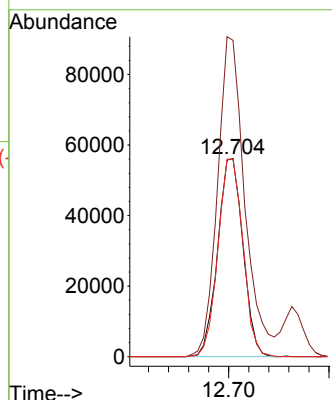
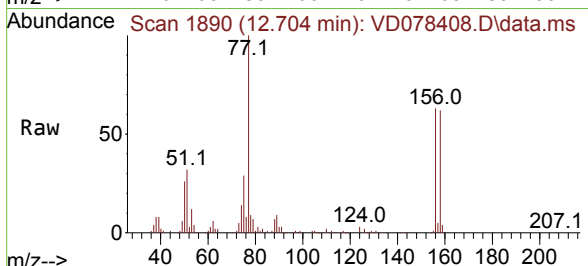




#77
 Bromobenzene
 Concen: 53.034 ug/l
 RT: 12.704 min Scan# 1890
 Delta R.T. -0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

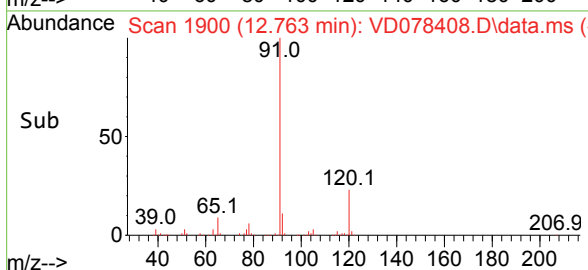
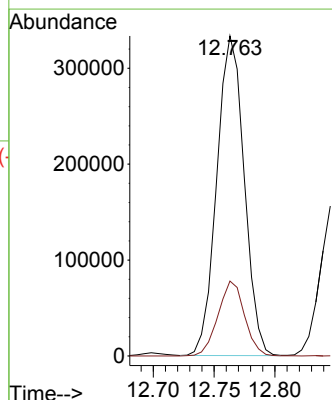
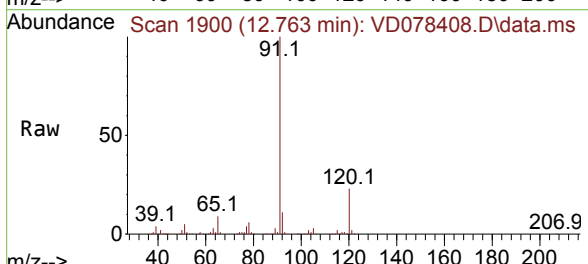
Instrument :
 MSVOA_D
 ClientSampleId :

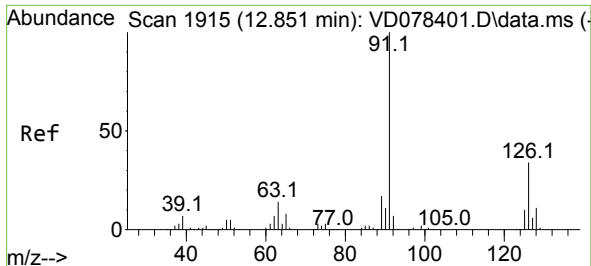
Tgt Ion:	156	Resp:	97970
Ion Ratio	Lower	Upper	
156	100		
77	174.5	76.8	230.4
158	98.8	48.6	145.9



#78
 n-propylbenzene
 Concen: 53.295 ug/l
 RT: 12.763 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

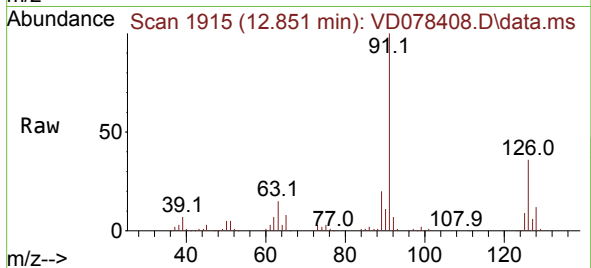
Tgt Ion:	91	Resp:	522051
Ion Ratio	Lower	Upper	
91	100		
120	22.7	12.4	37.2



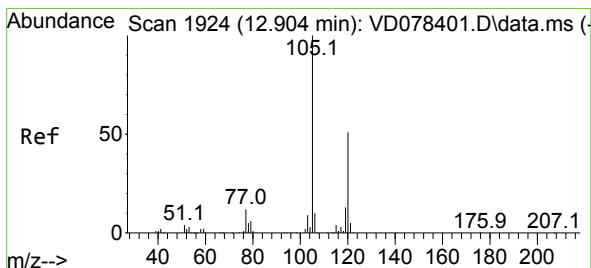
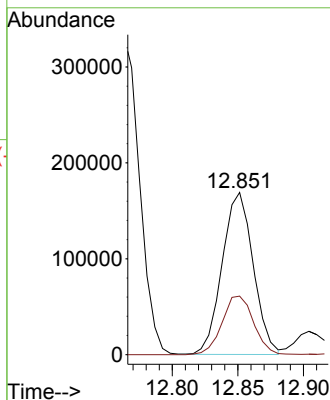
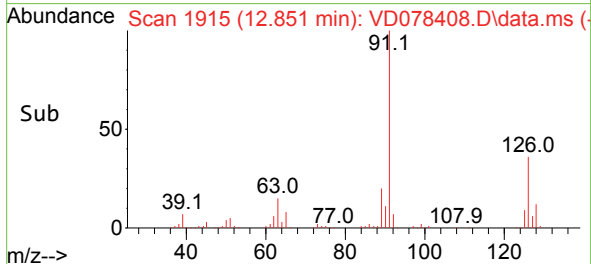


#79
2-Chlorotoluene
Concen: 53.075 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

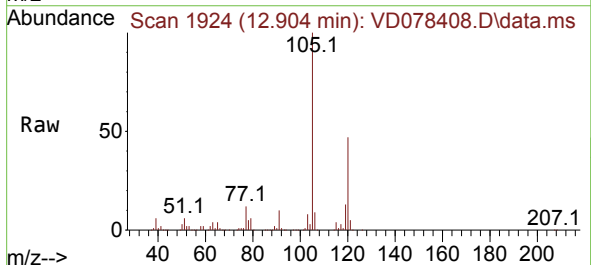
Instrument :
MSVOA_D
ClientSampleId :



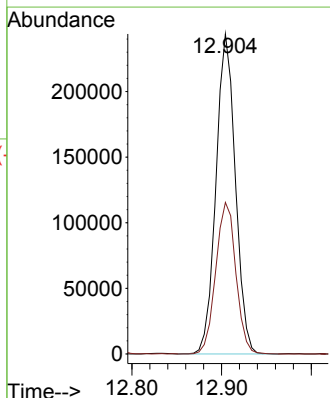
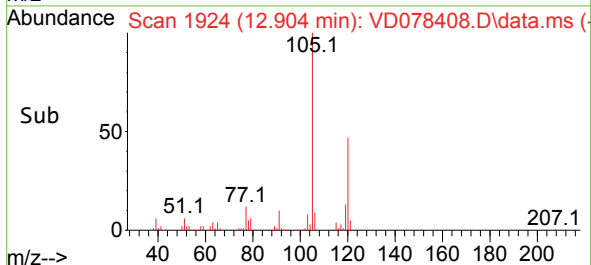
Tgt Ion: 91 Resp: 278455
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1

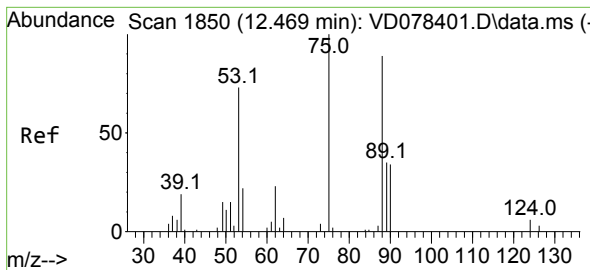


#80
1,3,5-Trimethylbenzene
Concen: 56.009 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52



Tgt Ion: 105 Resp: 365568
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2

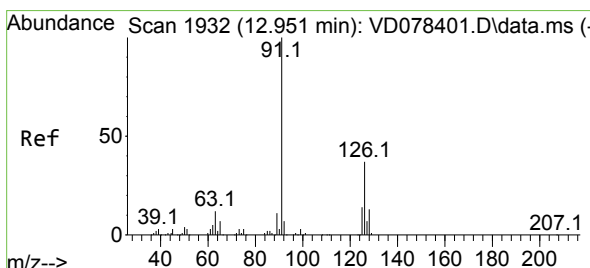
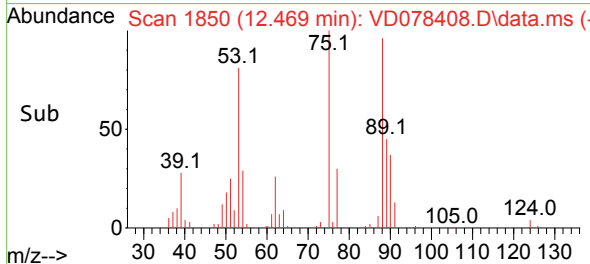
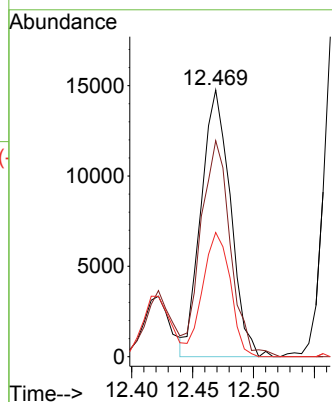
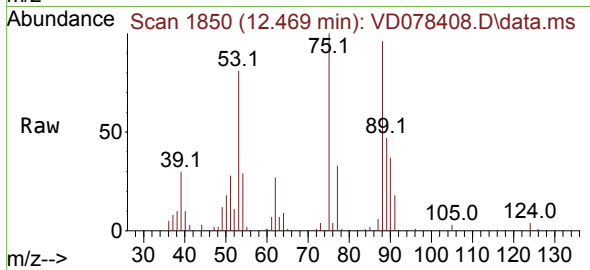




#81
trans-1,4-Dichloro-2-butene
Concen: 51.594 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

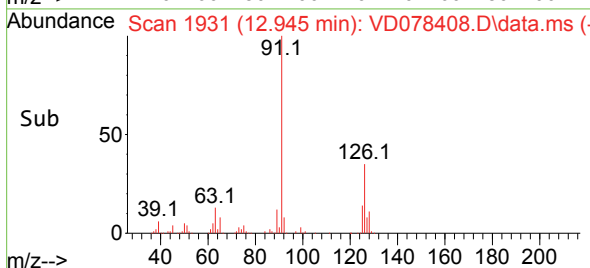
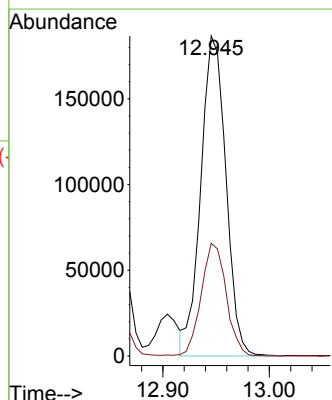
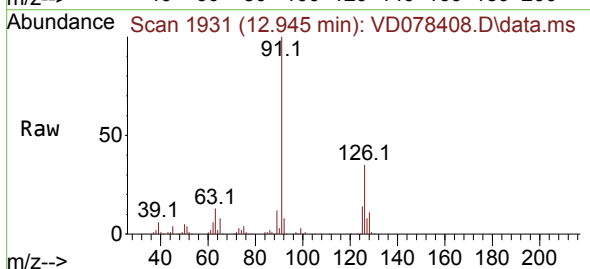
Instrument :
MSVOA_D
ClientSampleId :

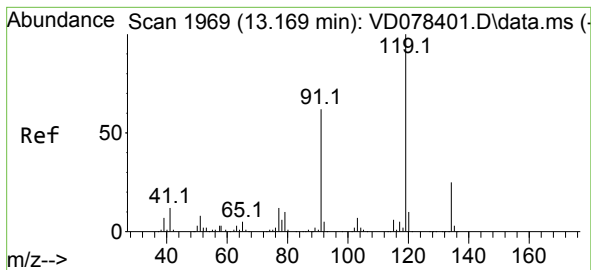
Tgt Ion: 75 Resp: 24698
Ion Ratio Lower Upper
75 100
53 81.5 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 54.269 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 91 Resp: 305795
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 54.924 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

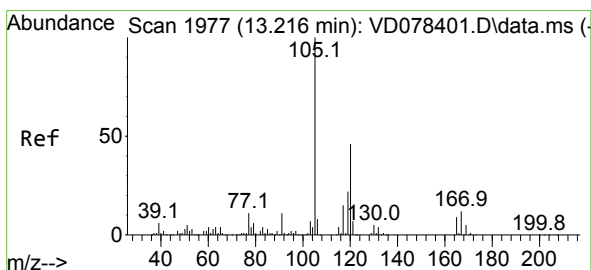
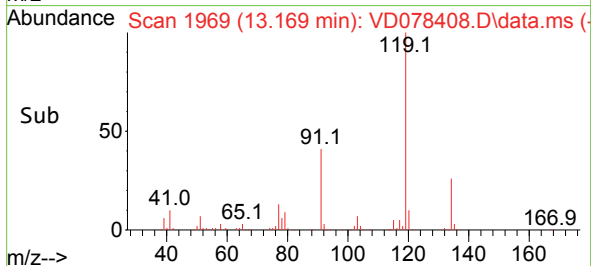
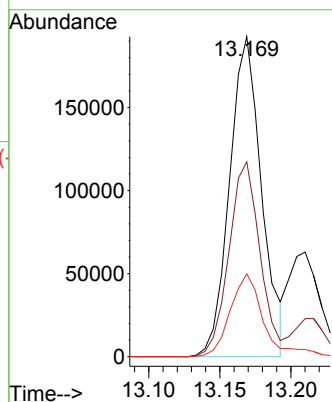
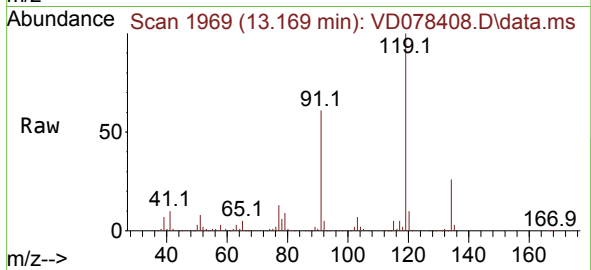
Tgt Ion:119 Resp: 302331

Ion Ratio Lower Upper

119 100

91 58.9 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 55.733 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078408.D

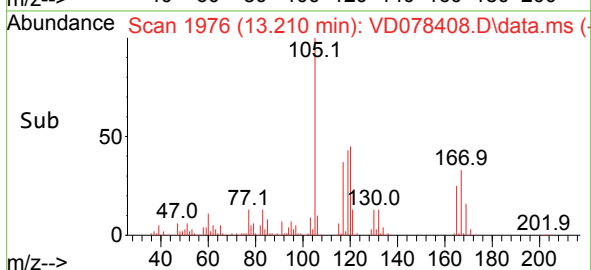
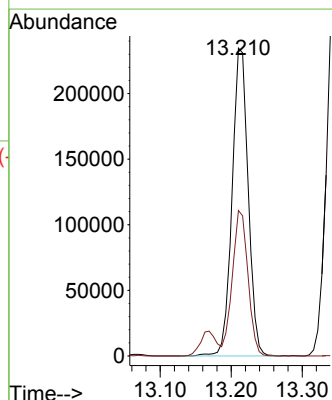
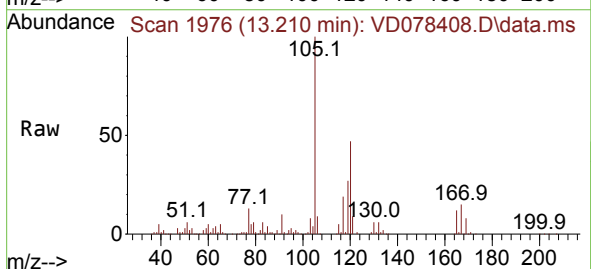
Acq: 14 Feb 2024 10:52

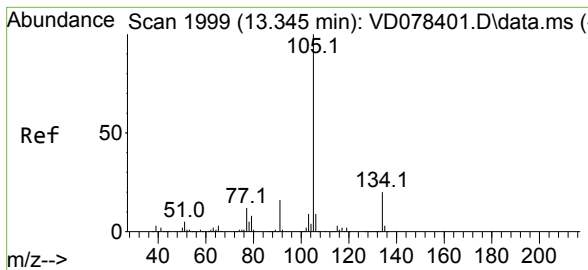
Tgt Ion:105 Resp: 369181

Ion Ratio Lower Upper

105 100

120 46.0 24.3 72.9

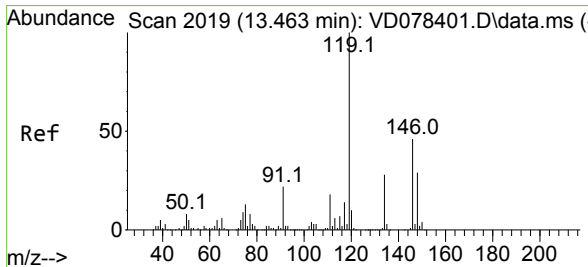
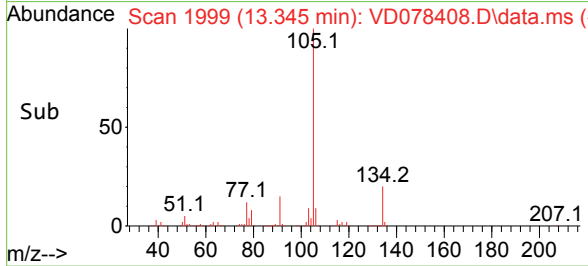
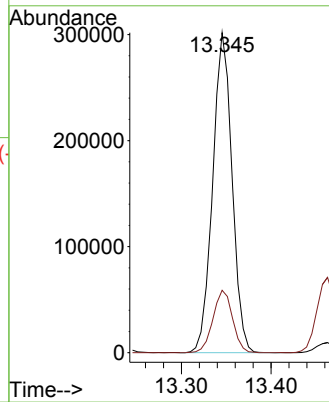
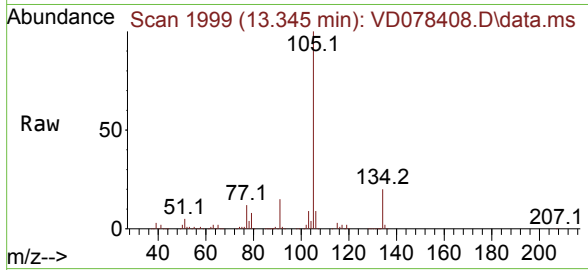




#85
 sec-Butylbenzene
 Concen: 52.934 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

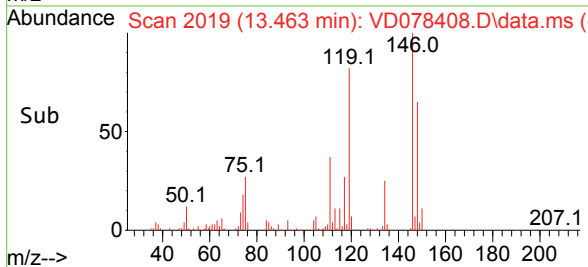
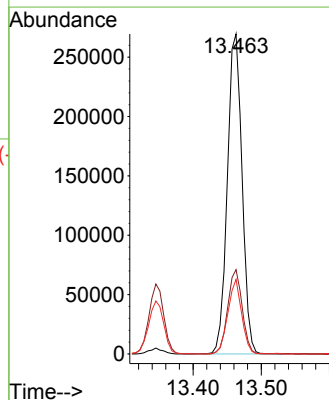
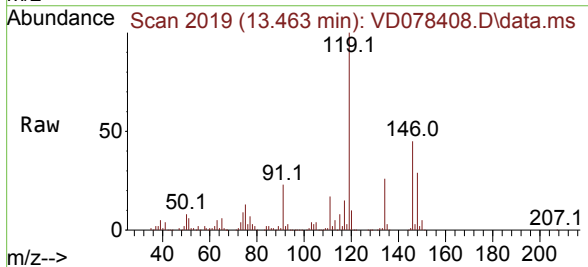
Instrument :
 MSVOA_D
 ClientSampleId :

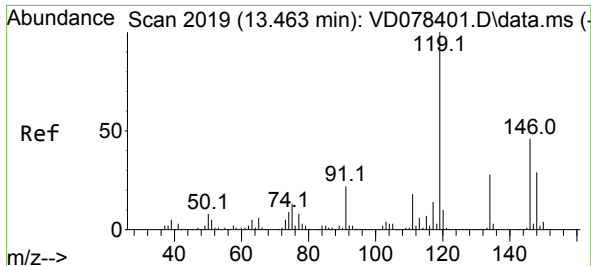
Tgt Ion:105 Resp: 451878
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 55.705 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

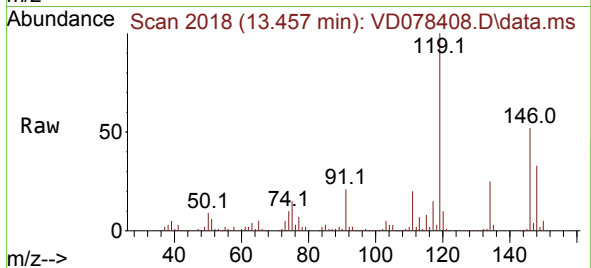
Tgt Ion:119 Resp: 405037
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 21.9 10.5 31.5



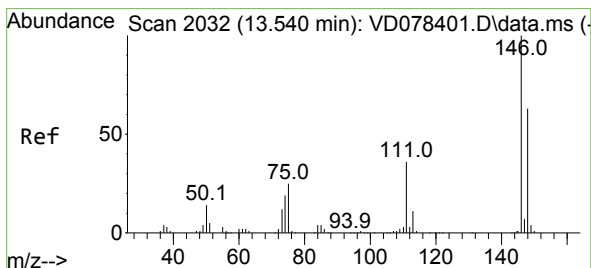
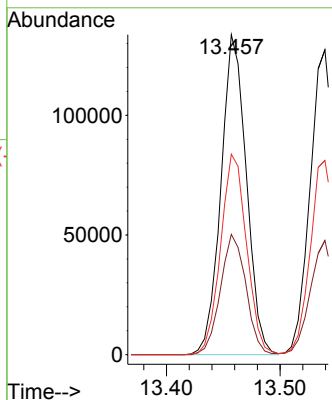
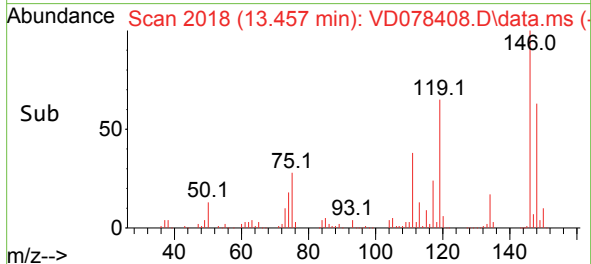


#87
 1,3-Dichlorobenzene
 Concen: 52.708 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52

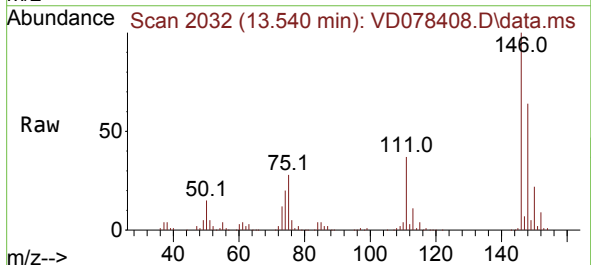
Instrument :
 MSVOA_D
 ClientSampleId :



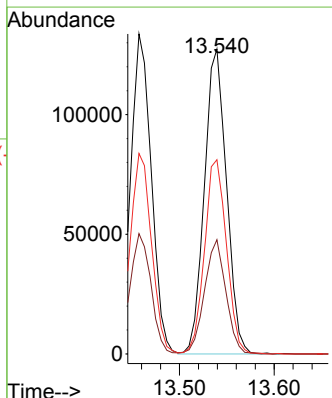
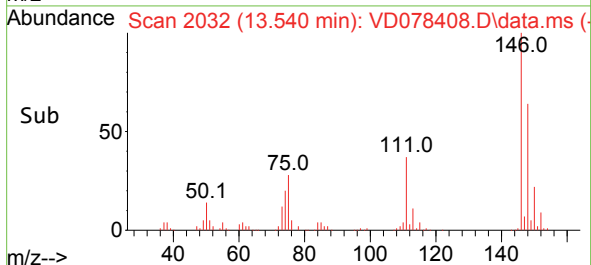
Tgt Ion:146 Resp: 207809
 Ion Ratio Lower Upper
 146 100
 111 37.8 17.9 53.8
 148 64.1 32.3 96.8

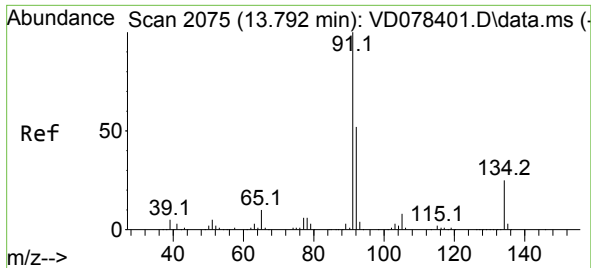


#88
 1,4-Dichlorobenzene
 Concen: 53.291 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078408.D
 Acq: 14 Feb 2024 10:52



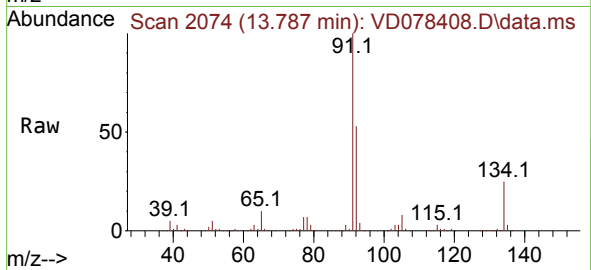
Tgt Ion:146 Resp: 206448
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.4 52.3
 148 63.3 31.7 95.1



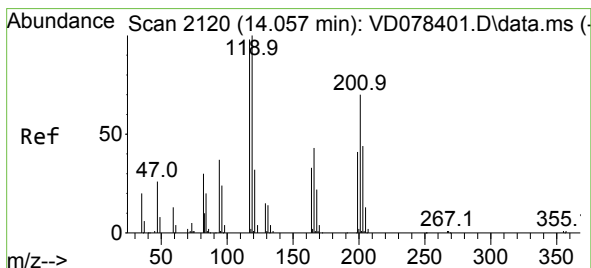
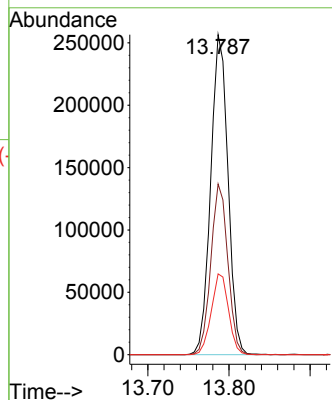
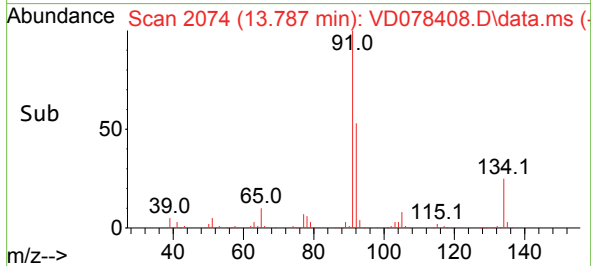


#89
n-Butylbenzene
Concen: 54.107 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

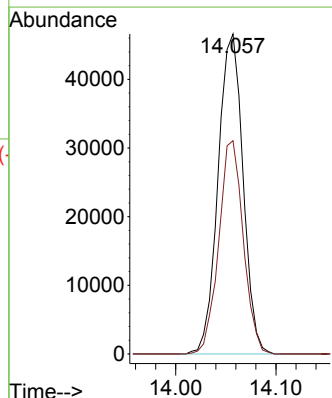
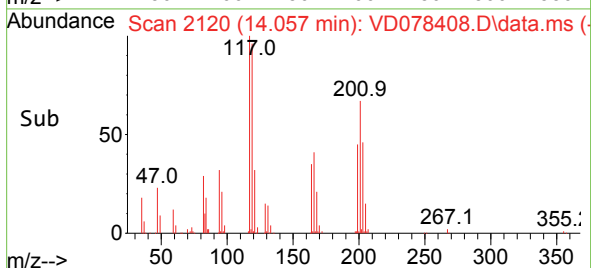
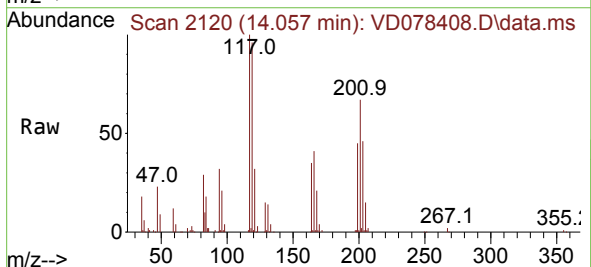


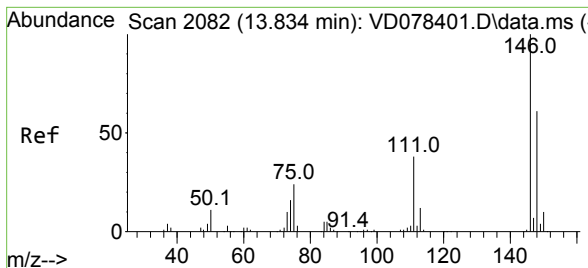
Tgt Ion: 91 Resp: 379199
Ion Ratio Lower Upper
91 100
92 52.4 26.5 79.5
134 25.1 13.8 41.3



#90
Hexachloroethane
Concen: 53.855 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

Tgt Ion: 117 Resp: 80484
Ion Ratio Lower Upper
117 100
201 65.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 54.153 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

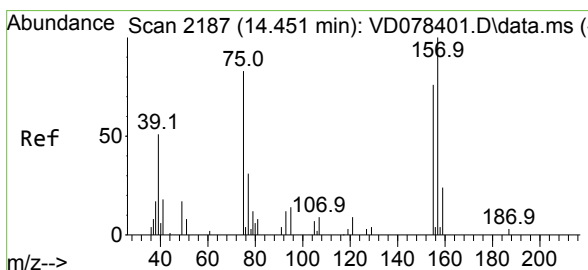
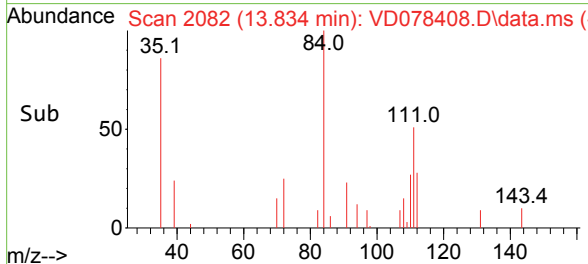
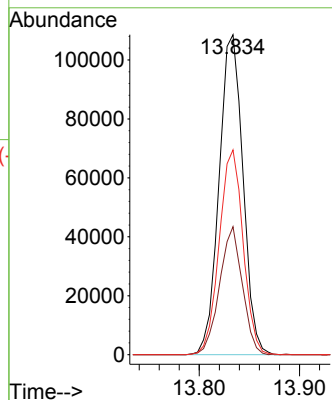
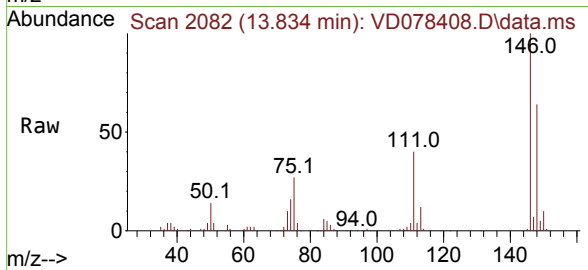
Tgt Ion:146 Resp: 179289

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 64.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.920 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078408.D

Acq: 14 Feb 2024 10:52

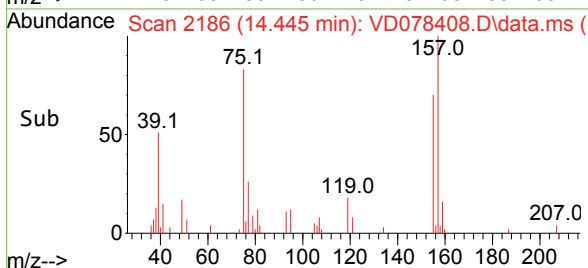
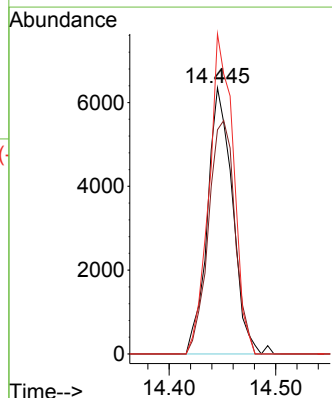
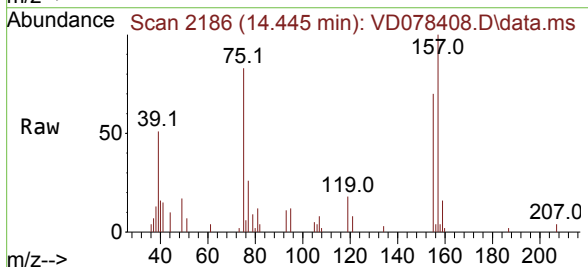
Tgt Ion: 75 Resp: 10396

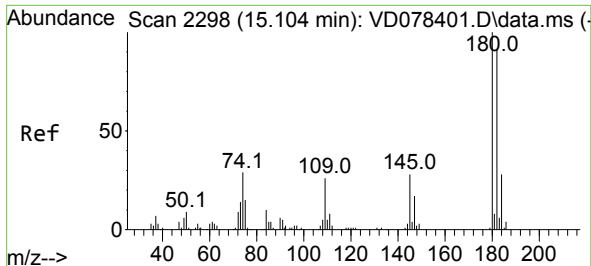
Ion Ratio Lower Upper

75 100

155 92.6 47.9 143.8

157 116.5 59.9 179.7

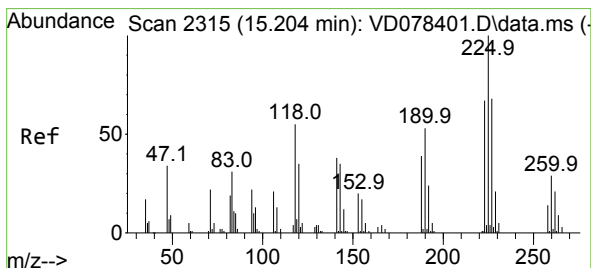
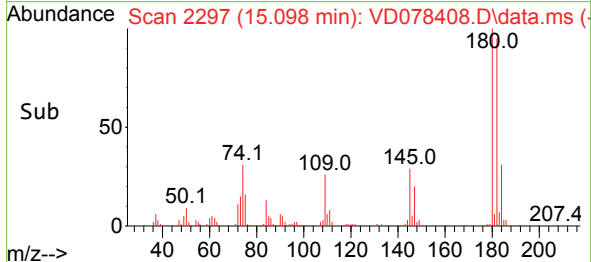
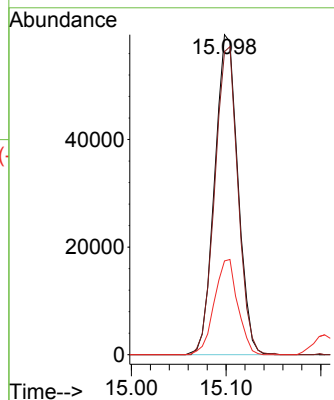
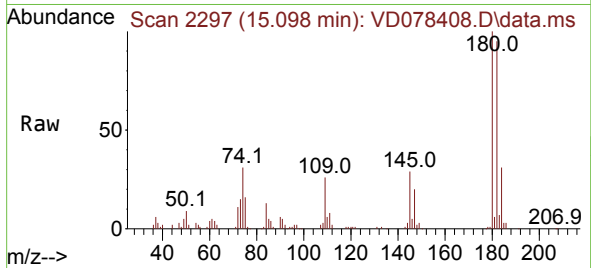




#93
1,2,4-Trichlorobenzene
Concen: 52.186 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

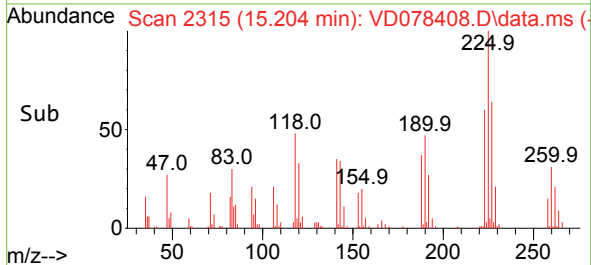
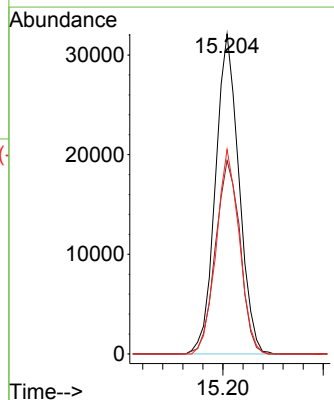
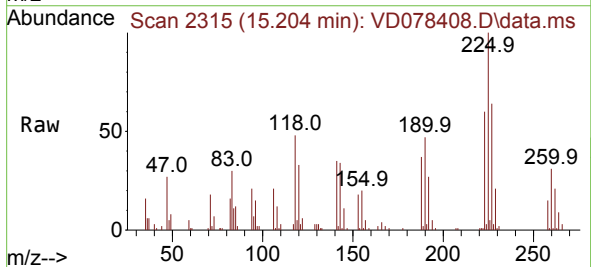
Instrument :
MSVOA_D
ClientSampleId :

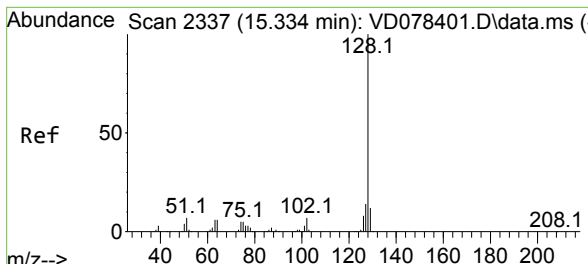
Tgt Ion:180 Resp: 101541
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.6
145 29.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 51.320 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

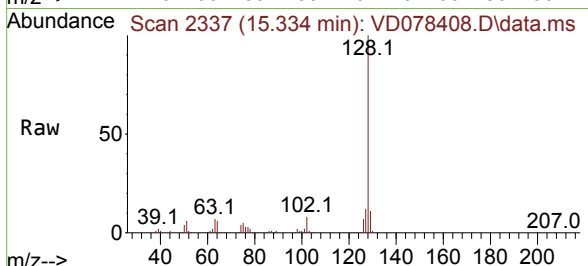
Tgt Ion:225 Resp: 52121
Ion Ratio Lower Upper
225 100
223 63.0 31.6 94.8
227 62.8 31.7 95.1



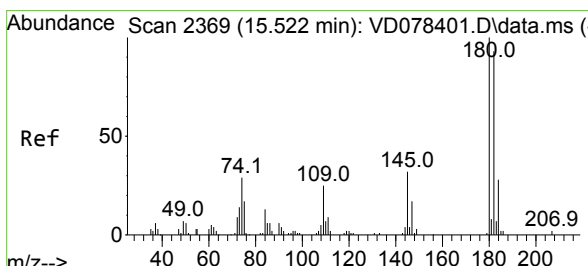
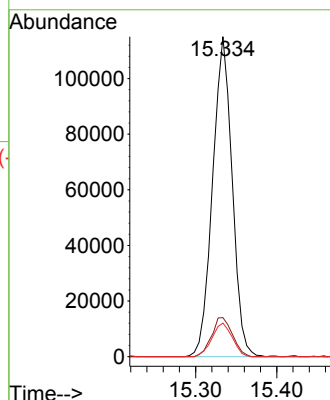
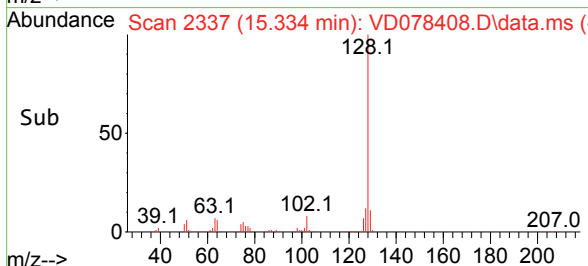


#95
Naphthalene
Concen: 53.362 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52

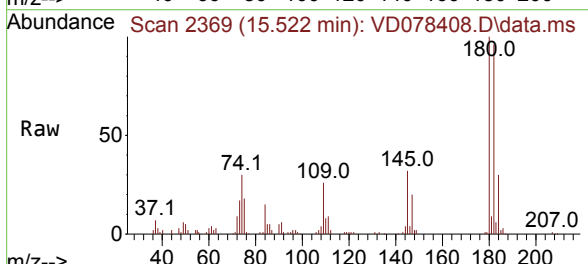
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	192578
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.5	15.7
129	10.5	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.580 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078408.D
Acq: 14 Feb 2024 10:52



Tgt Ion:	180	Resp:	91653
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.3	141.9
145	29.9	15.1	45.3

