

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078198.D
 Acq On : 22 Jan 2024 18:12
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 23 05:46:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	246079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7205	4.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	9.640%#
35) Dibromofluoromethane	7.805	113	7863	4.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.720%#
50) Toluene-d8	10.275	98	26348	4.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.220%#
62) 4-Bromofluorobenzene	12.575	95	7308	3.930	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	7.860%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	9776	2.881	ug/l	91
3) Chloromethane	2.152	50	13926	2.240	ug/l	91
4) Vinyl Chloride	2.287	62	16448	5.298	ug/l	93
5) Bromomethane	2.699	94	12497	5.516	ug/l	95
6) Chloroethane	2.846	64	11182	5.157	ug/l	96
7) Trichlorofluoromethane	3.187	101	15196	5.382	ug/l	93
8) Diethyl Ether	3.599	74	3883	4.961	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.987	101	9571	5.852	ug/l	# 72
10) Methyl Iodide	4.170	142	7035	4.291	ug/l	94
11) Tert butyl alcohol	5.069	59	1075	14.611	ug/l	# 73
12) 1,1-Dichloroethene	3.940	96	4151	2.562	ug/l	# 88
13) Acrolein	3.799	56	3885	23.002	ug/l	100
14) Allyl chloride	4.569	41	10375	4.855	ug/l	84
15) Acrylonitrile	5.258	53	9003	25.632	ug/l	95
16) Acetone	4.034	43	12386	5.963	ug/l	# 74
17) Carbon Disulfide	4.287	76	27797	5.291	ug/l	100
18) Methyl Acetate	4.569	43	6193	4.817	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	15615	4.622	ug/l	# 86
20) Methylene Chloride	4.811	84	16312	5.034	ug/l	88
21) trans-1,2-Dichloroethene	5.316	96	9360	5.000	ug/l	# 84
22) Diisopropyl ether	6.228	45	20762	4.591	ug/l	91
23) Vinyl Acetate	6.158	43	49590	22.259	ug/l	# 83
24) 1,1-Dichloroethane	6.128	63	16216	5.190	ug/l	97
25) 2-Butanone	7.087	43	13577	19.348	ug/l	# 82
26) 2,2-Dichloropropane	7.081	77	13420	5.127	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	9625	4.786	ug/l	84
28) Bromochloromethane	7.440	49	6057	4.970	ug/l	# 78
29) Tetrahydrofuran	7.452	42	5746	23.305	ug/l	91
30) Chloroform	7.599	83	16787	5.283	ug/l	100
31) Cyclohexane	7.881	56	15630	5.656	ug/l	# 86
32) 1,1,1-Trichloroethane	7.799	97	14053	5.120	ug/l	98
36) 1,1-Dichloropropene	8.016	75	12293	4.616	ug/l	97
37) Ethyl Acetate	7.181	43	5251	5.296	ug/l	# 82
38) Carbon Tetrachloride	7.987	117	12828	4.877	ug/l	# 90
39) Methylcyclohexane	9.281	83	15107	4.796	ug/l	88
40) Benzene	8.252	78	35477	4.694	ug/l	95

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Jan 23 05:46:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1733	3.183	ug/l #	50
42) 1,2-Dichloroethane	8.328	62	9545	4.854	ug/l	80
43) Isopropyl Acetate	8.369	43	8027	4.419	ug/l #	77
44) Trichloroethene	9.028	130	9533	4.930	ug/l	89
45) 1,2-Dichloropropane	9.305	63	8571	4.570	ug/l	97
46) Dibromomethane	9.405	93	4798	4.659	ug/l #	82
47) Bromodichloromethane	9.593	83	12460	4.816	ug/l #	97
48) Methyl methacrylate	9.387	41	4684	4.454	ug/l #	74
49) 1,4-Dioxane	9.393	88	825	82.786	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	20951	21.950	ug/l	90
52) Toluene	10.334	92	22865	4.773	ug/l	86
53) t-1,3-Dichloropropene	10.552	75	10519	4.407	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	13346	4.664	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	6396	4.641	ug/l #	91
56) Ethyl methacrylate	10.599	69	4699	4.165	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	11358	4.819	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	13873	20.521	ug/l	100
59) 2-Hexanone	10.928	43	16950	21.853	ug/l	86
60) Dibromochloromethane	11.075	129	7139	4.394	ug/l	92
61) 1,2-Dibromoethane	11.181	107	5938	4.674	ug/l	98
64) Tetrachloroethene	10.810	164	7343	5.093	ug/l	90
65) Chlorobenzene	11.610	112	23248	4.773	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.681	131	8400	4.825	ug/l	89
67) Ethyl Benzene	11.687	91	40018	4.514	ug/l	93
68) m/p-Xylenes	11.799	106	29308	8.657	ug/l	93
69) o-Xylene	12.122	106	12977	4.224	ug/l	83
70) Styrene	12.134	104	20006	4.345	ug/l	96
71) Bromoform	12.304	173	3881	4.502	ug/l #	97
73) Isopropylbenzene	12.422	105	35190	4.732	ug/l	98
74) N-amyl acetate	12.240	43	6492	4.563	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	7572	5.472	ug/l	90
76) 1,2,3-Trichloropropane	12.728	75	4510	4.972	ug/l #	100
77) Bromobenzene	12.704	156	8172	5.012	ug/l	84
78) n-propylbenzene	12.763	91	44098	4.781	ug/l	99
79) 2-Chlorotoluene	12.851	91	23780	4.831	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	28026	4.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	2298	5.457	ug/l	94
82) 4-Chlorotoluene	12.951	91	25262	4.869	ug/l	95
83) tert-Butylbenzene	13.169	119	24072	4.670	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	28723	4.606	ug/l	98
85) sec-Butylbenzene	13.345	105	38463	4.928	ug/l	93
86) p-Isopropyltoluene	13.463	119	30862	4.544	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	17112	5.069	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	17036	5.108	ug/l	86
89) n-Butylbenzene	13.787	91	31577	4.776	ug/l	96
90) Hexachloroethane	14.051	117	6711	5.037	ug/l	83
91) 1,2-Dichlorobenzene	13.828	146	14220	5.009	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.440	75	990	5.006	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	8432	4.805	ug/l	98
94) Hexachlorobutadiene	15.198	225	3950	4.658	ug/l	91
95) Naphthalene	15.334	128	14534	4.430	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.528	180	7113	4.831	ug/l	95

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Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

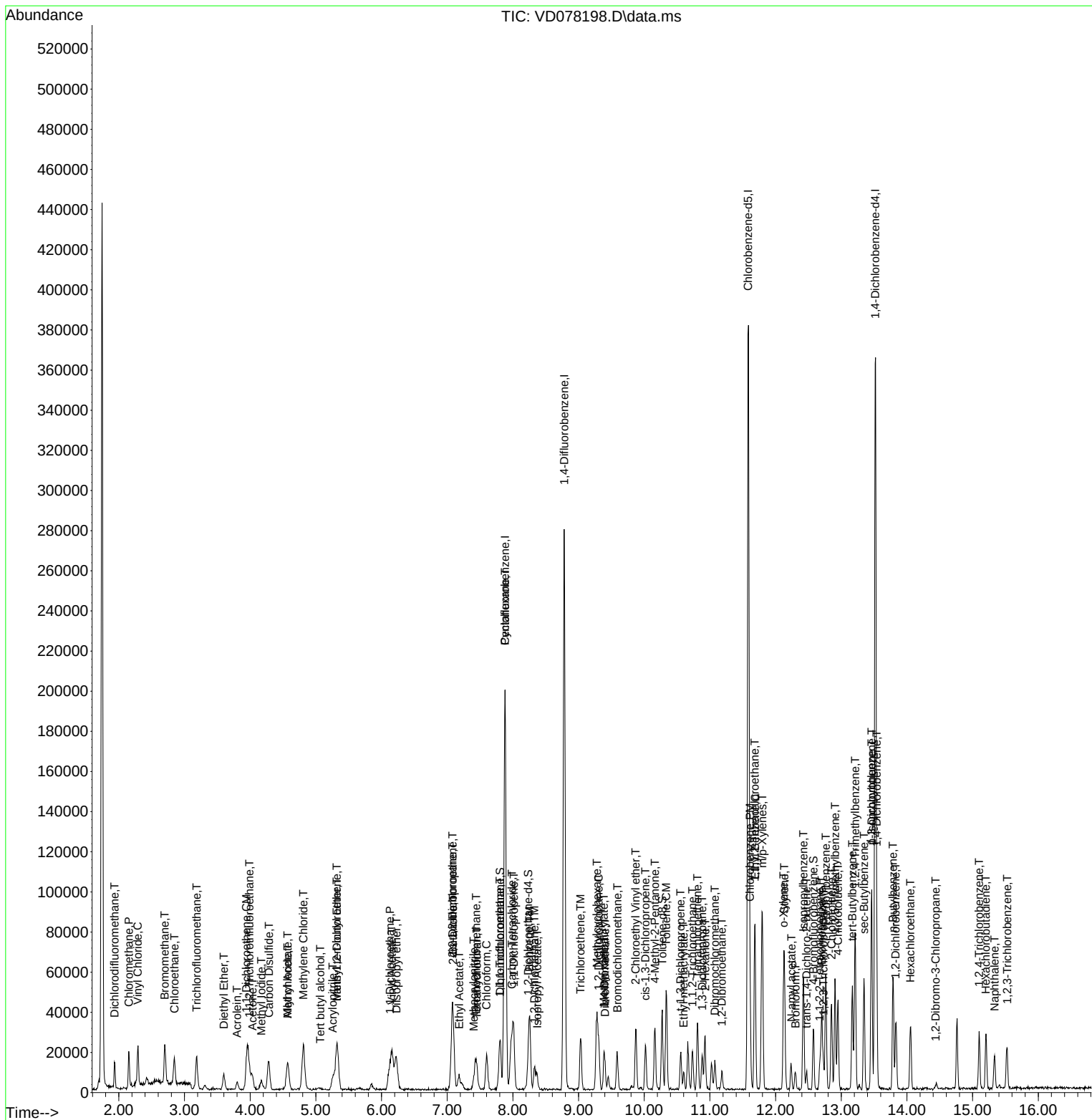
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

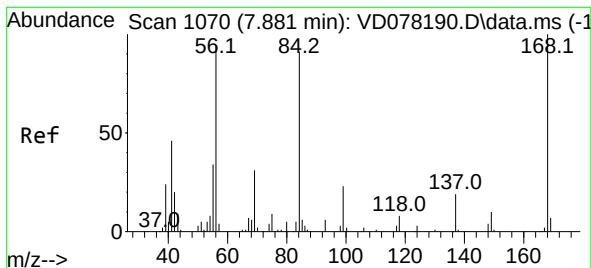
Quant Time: Jan 23 05:46:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

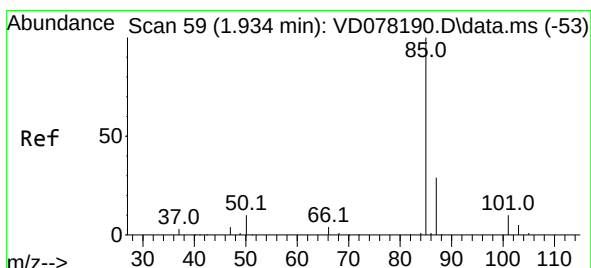
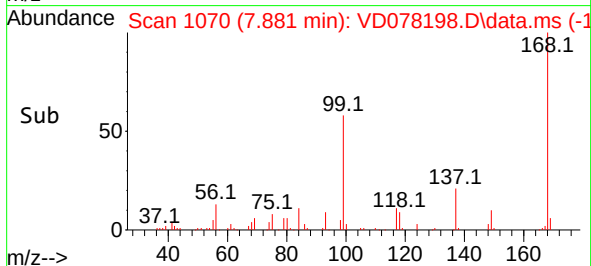
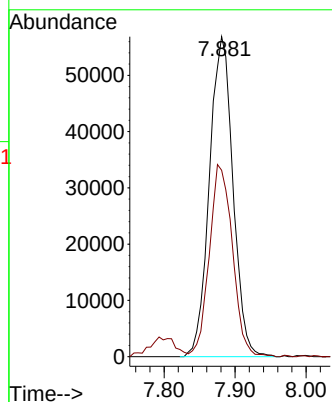
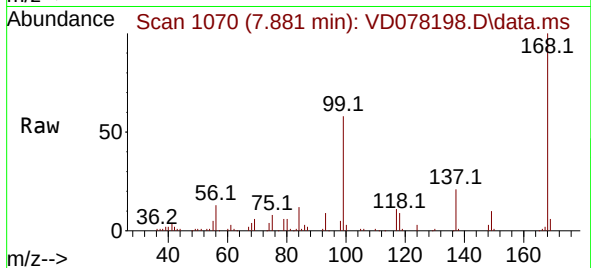
VSTDIC005

Tgt Ion:168 Resp: 130911

Ion Ratio Lower Upper

168 100

99 58.2 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 2.881 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078198.D

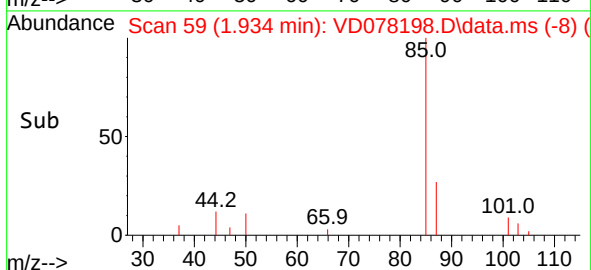
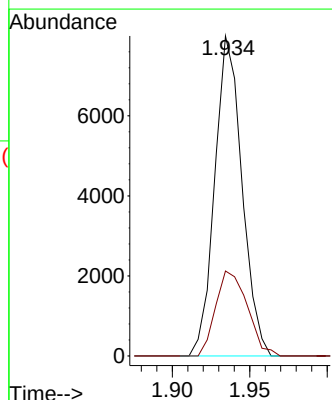
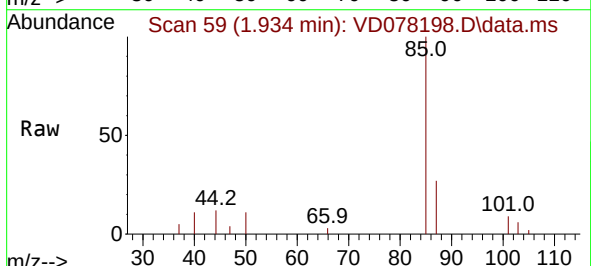
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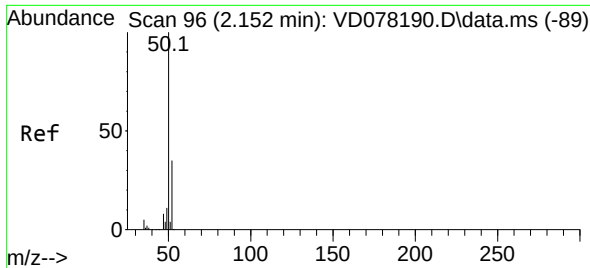
Tgt Ion: 85 Resp: 9776

Ion Ratio Lower Upper

85 100

87 26.5 15.7 47.0

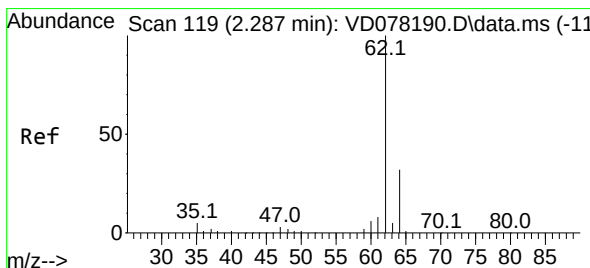
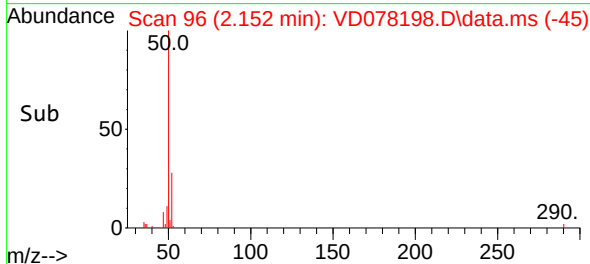
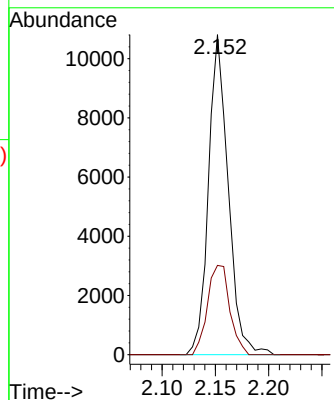
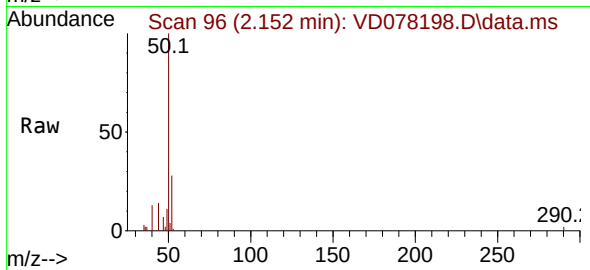




#3
Chloromethane
Concen: 2.240 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

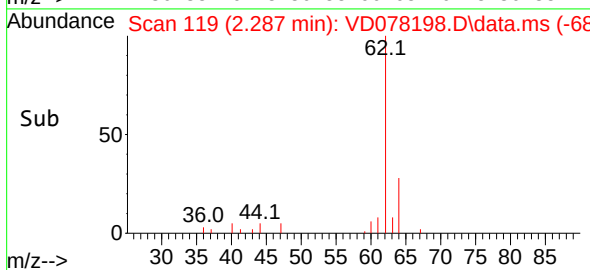
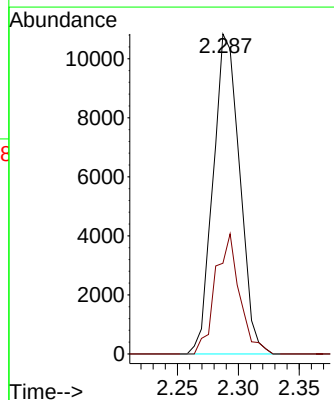
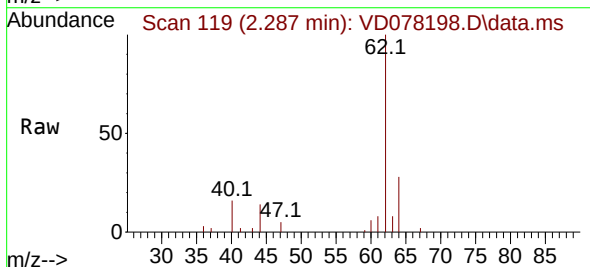
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

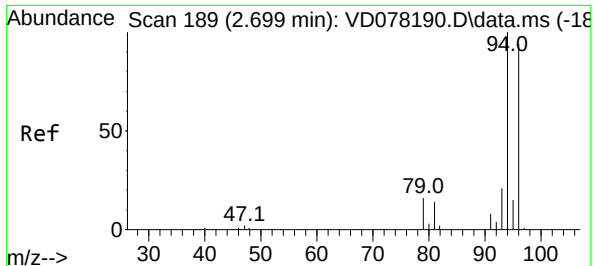
Tgt Ion: 50 Resp: 13926
Ion Ratio Lower Upper
50 100
52 27.9 26.6 40.0



#4
Vinyl Chloride
Concen: 5.298 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 62 Resp: 16448
Ion Ratio Lower Upper
62 100
64 28.3 26.0 39.0

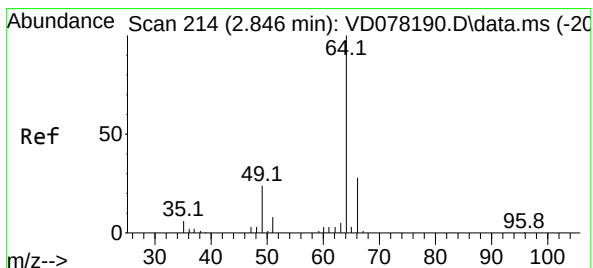
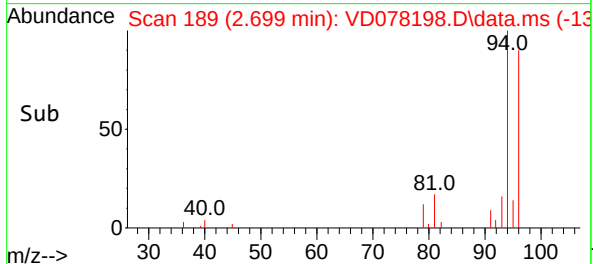
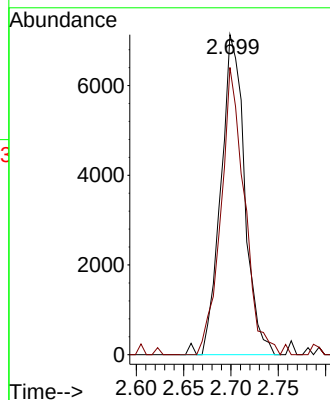
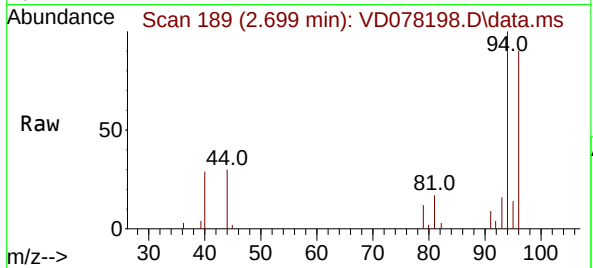




#5
Bromomethane
Concen: 5.516 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

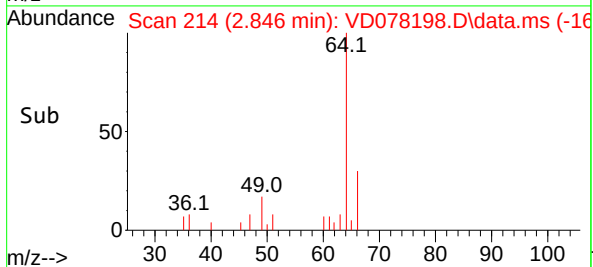
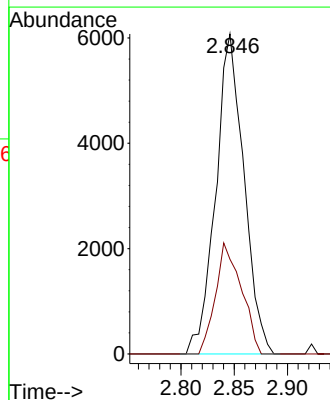
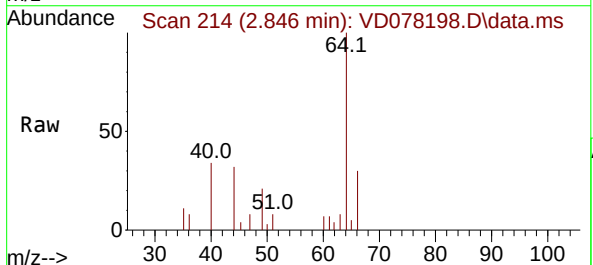
Instrument :
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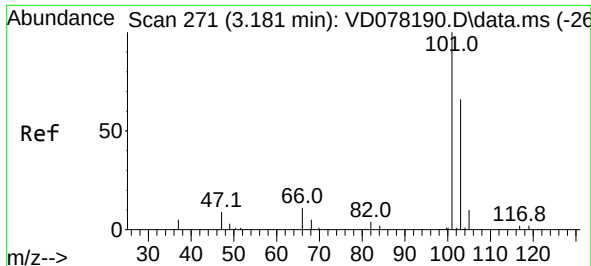
Tgt Ion: 94 Resp: 12497
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.8



#6
Chloroethane
Concen: 5.157 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 64 Resp: 11182
Ion Ratio Lower Upper
64 100
66 29.6 25.5 38.3

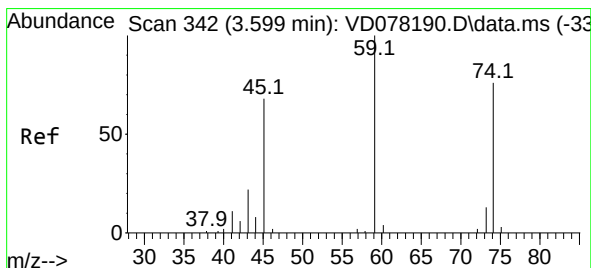
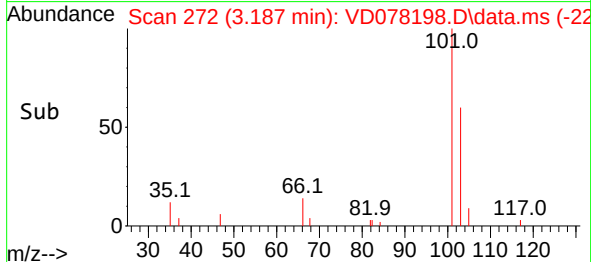
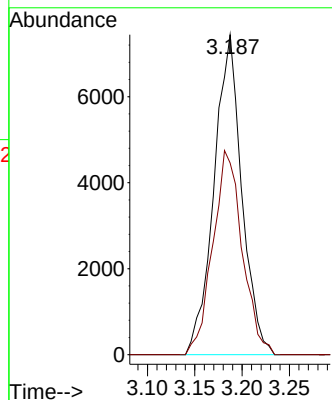
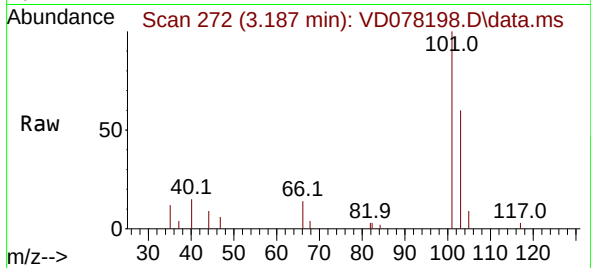




#7
Trichlorofluoromethane
Concen: 5.382 ug/l
RT: 3.187 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

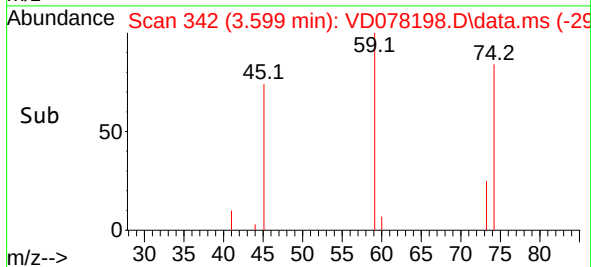
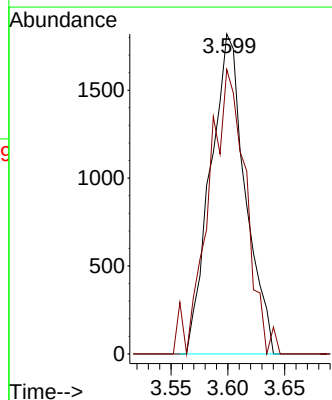
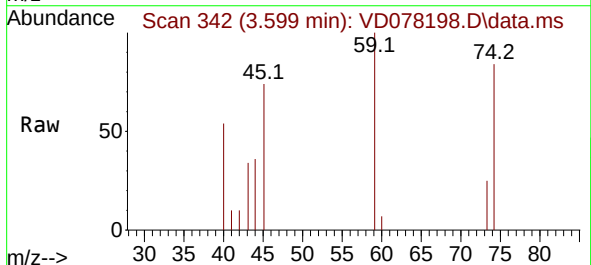
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

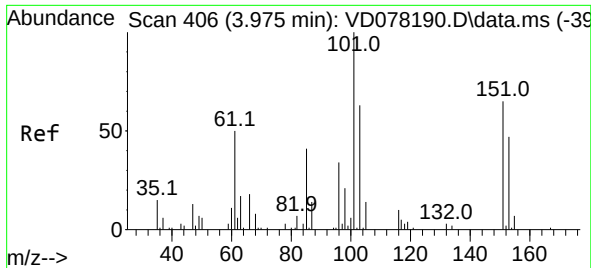
Tgt Ion:101 Resp: 15196
Ion Ratio Lower Upper
101 100
103 59.9 52.3 78.5



#8
Diethyl Ether
Concen: 4.961 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 74 Resp: 3883
Ion Ratio Lower Upper
74 100
45 95.5 37.5 112.7

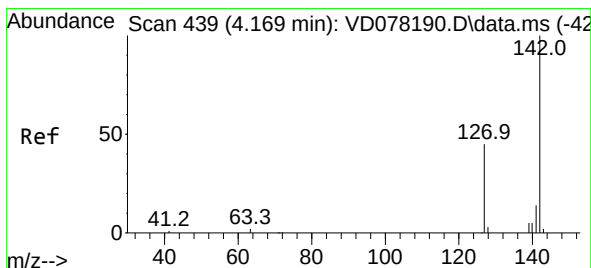
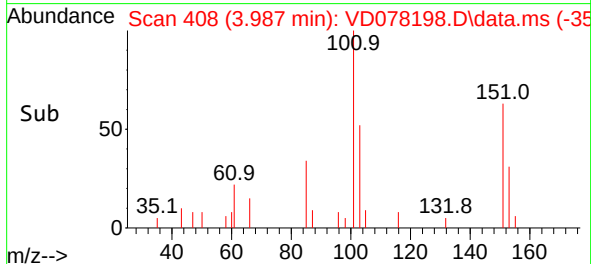
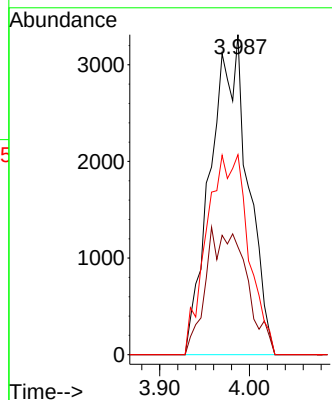
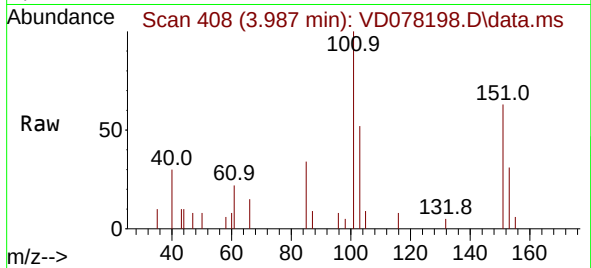




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.852 ug/l
RT: 3.987 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

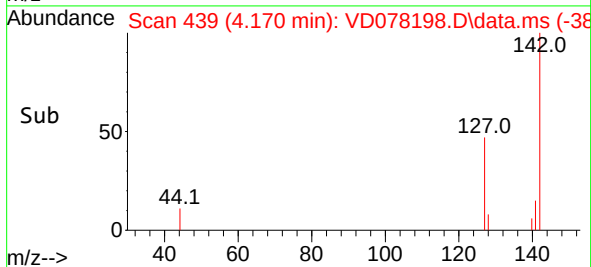
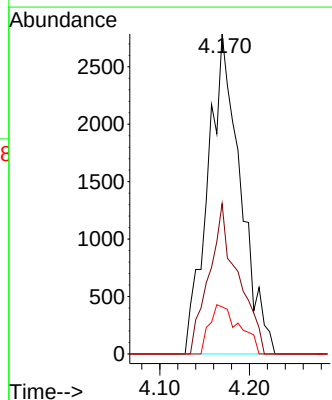
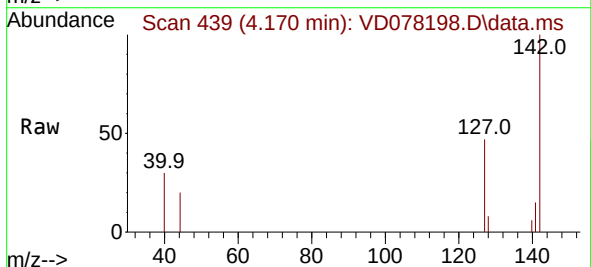
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

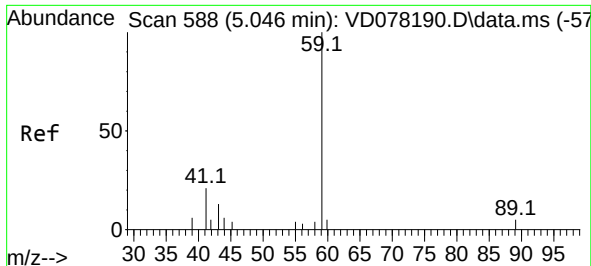
Tgt Ion:101 Resp: 9571
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 69.9 59.8 89.6



#10
Methyl Iodide
Concen: 4.291 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion:142 Resp: 7035
Ion Ratio Lower Upper
142 100
127 41.5 29.4 44.0
141 14.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 14.611 ug/l

RT: 5.069 min Scan# 51

Delta R.T. 0.024 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

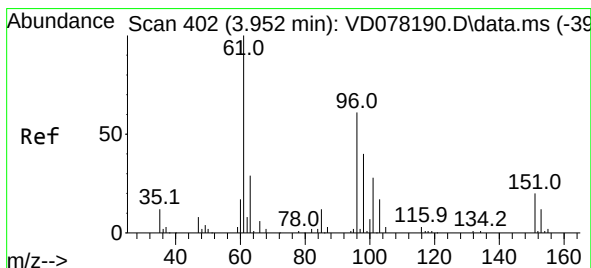
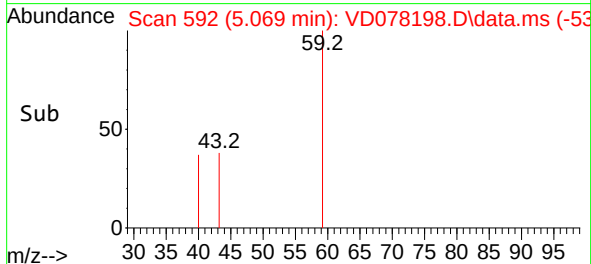
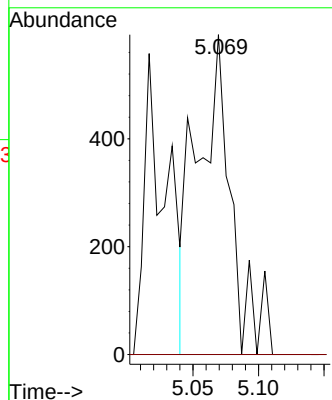
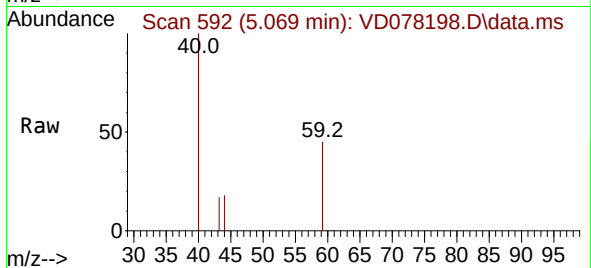
VSTDIC005

Tgt Ion: 59 Resp: 1075

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 2.562 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

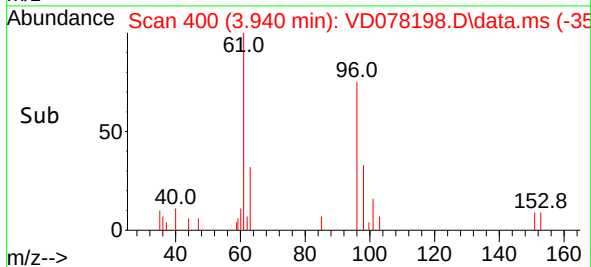
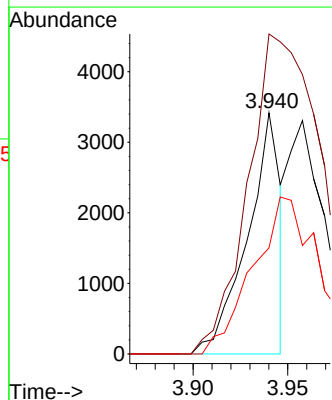
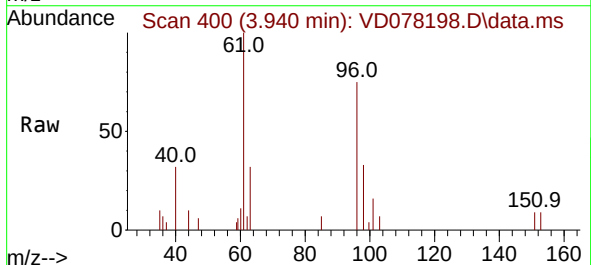
Tgt Ion: 96 Resp: 4151

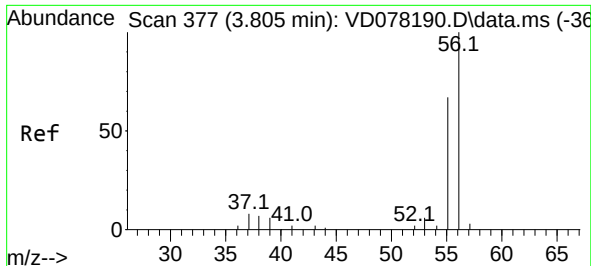
Ion Ratio Lower Upper

96 100

61 132.7 100.6 150.8

98 44.0 50.2 75.2#

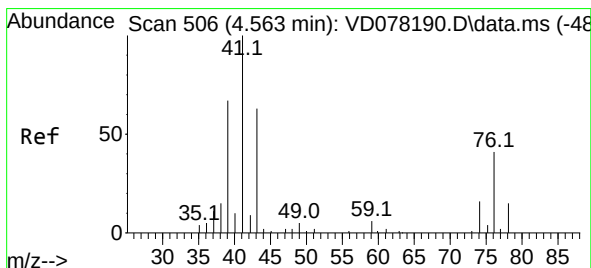
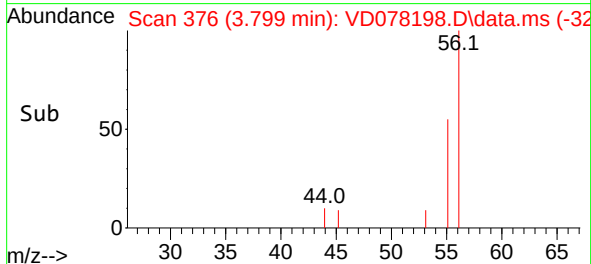
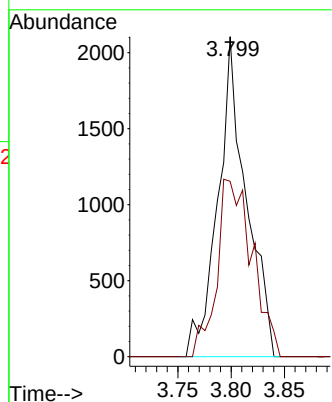
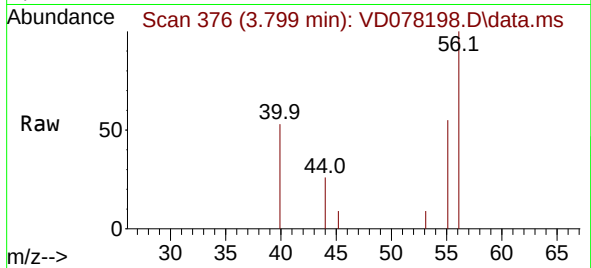




#13
Acrolein
Concen: 23.002 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

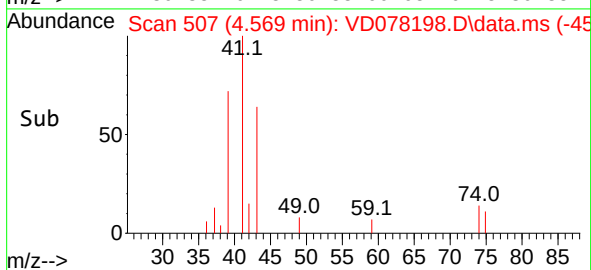
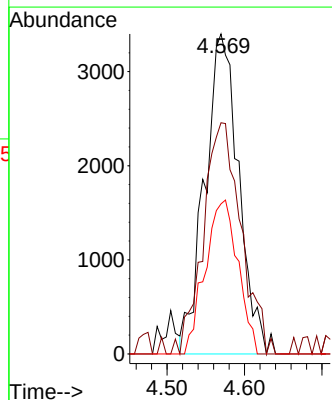
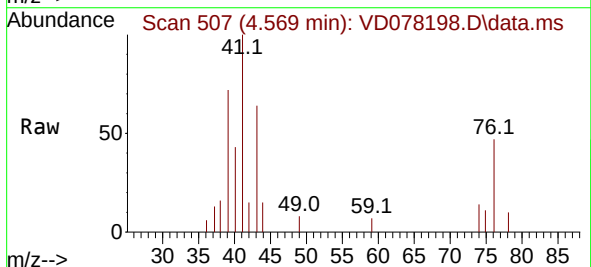
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

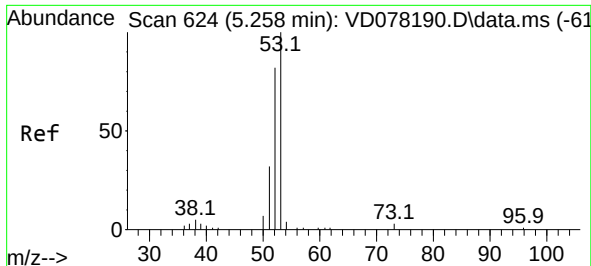
Tgt Ion: 56 Resp: 3885
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7



#14
Allyl chloride
Concen: 4.855 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 41 Resp: 10375
Ion Ratio Lower Upper
41 100
39 80.4 53.8 80.6
76 46.4 45.8 68.8

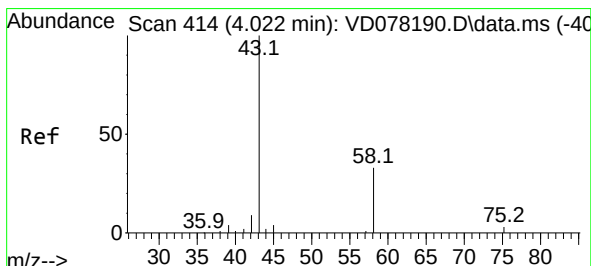
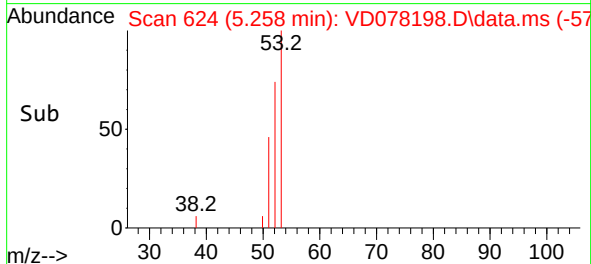
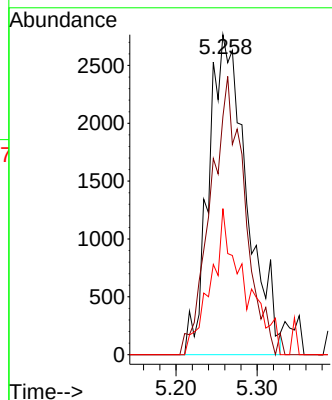
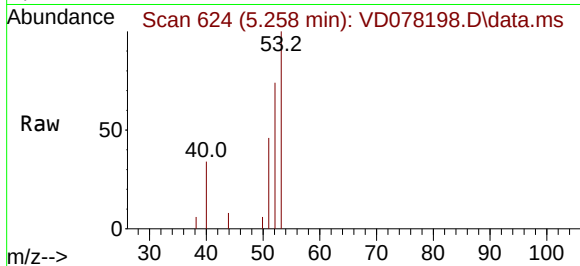




#15
Acrylonitrile
Concen: 25.632 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

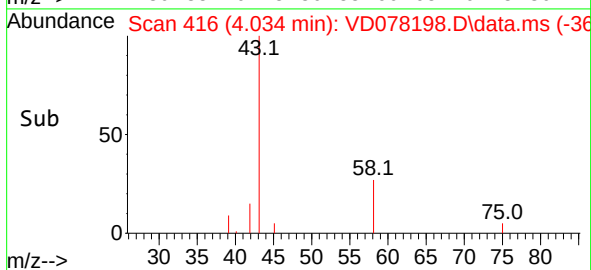
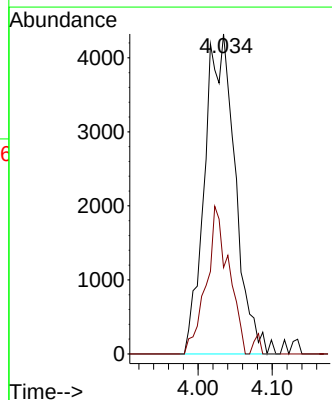
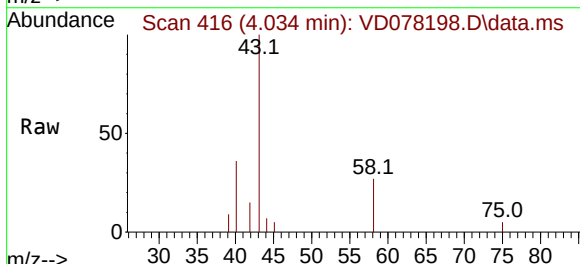
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

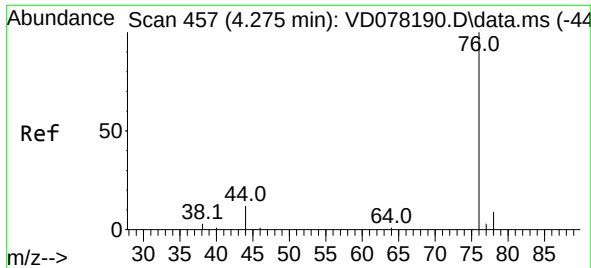
Tgt Ion: 53	Resp: 9003
Ion Ratio	Lower Upper
53 100	
52 78.3	65.0 97.4
51 40.3	28.3 42.5



#16
Acetone
Concen: 5.963 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 43	Resp: 12386
Ion Ratio	Lower Upper
43 100	
58 27.0	34.7 52.1#

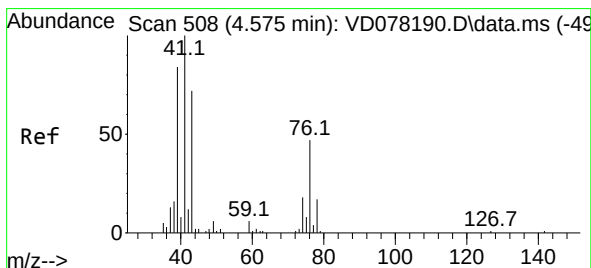
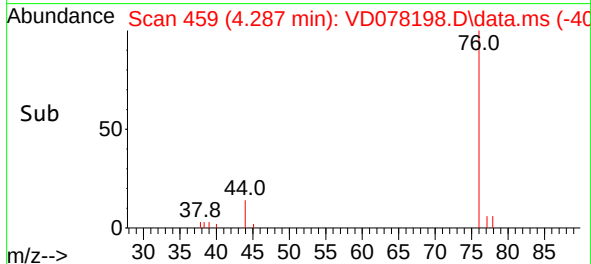
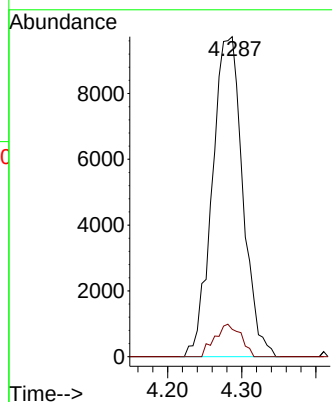
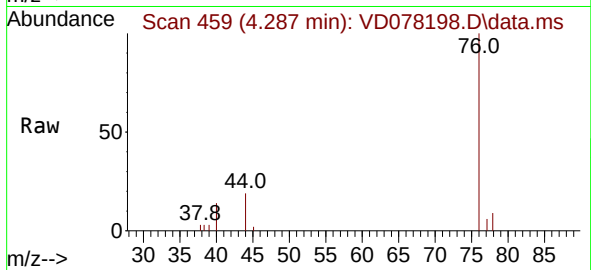




#17
Carbon Disulfide
Concen: 5.291 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

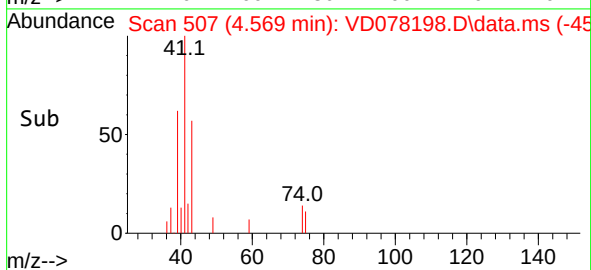
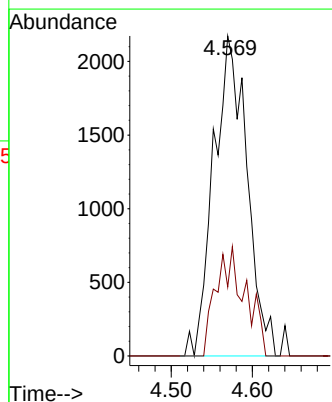
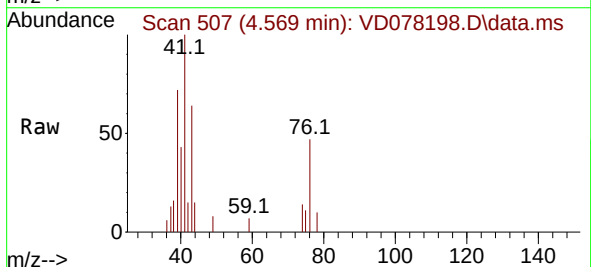
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

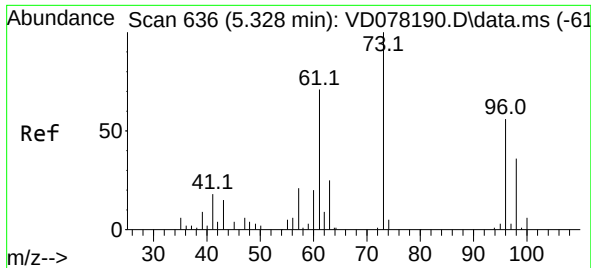
Tgt Ion: 76 Resp: 27797
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 4.817 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 43 Resp: 6193
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6

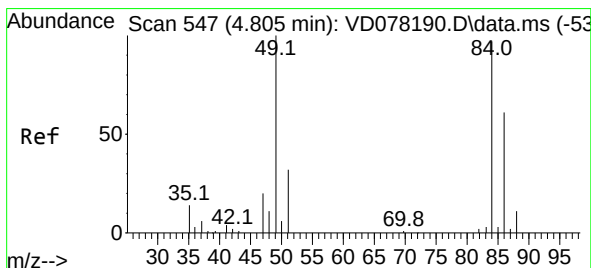
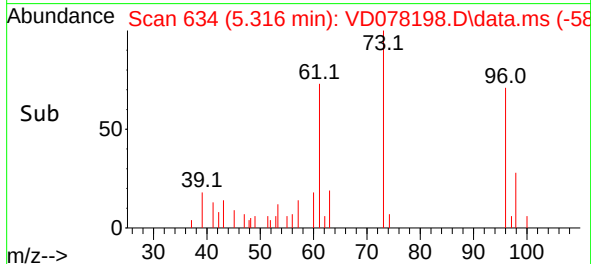
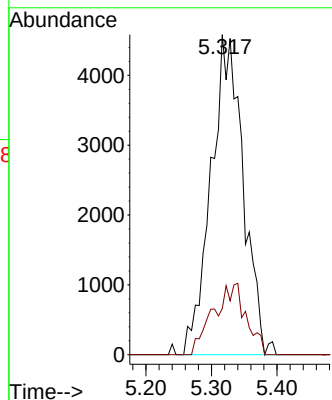
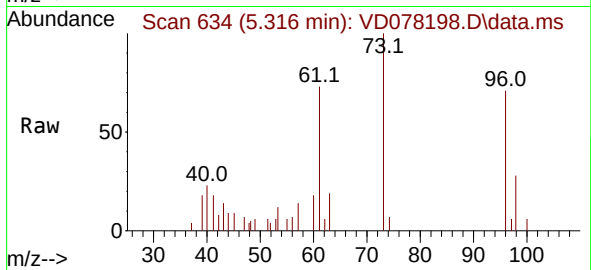




#19
Methyl tert-butyl Ether
Concen: 4.622 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

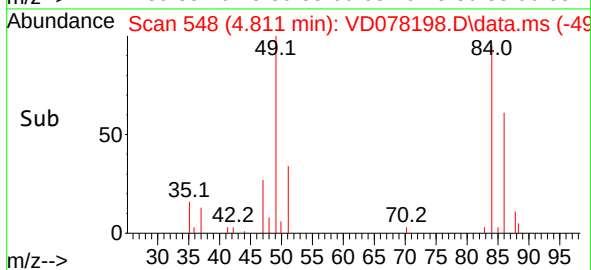
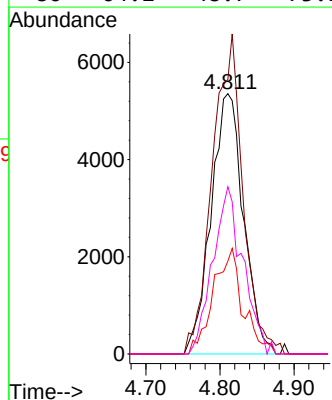
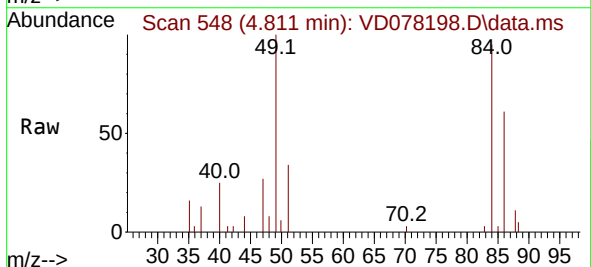
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

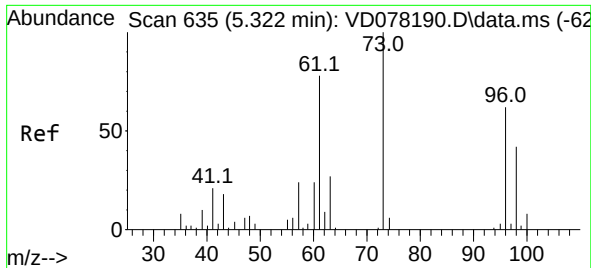
Tgt Ion: 73 Resp: 15615
Ion Ratio Lower Upper
73 100
57 14.4 16.6 25.0#



#20
Methylene Chloride
Concen: 5.034 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 84 Resp: 16312
Ion Ratio Lower Upper
84 100
49 105.5 71.4 107.2
51 35.7 24.5 36.7
86 64.2 48.7 73.1

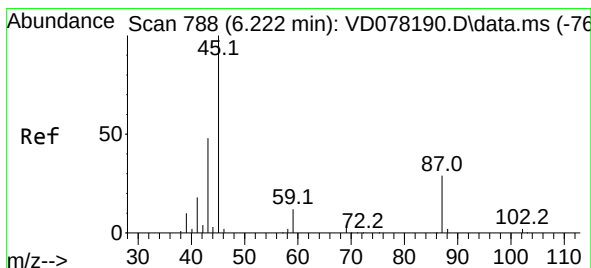
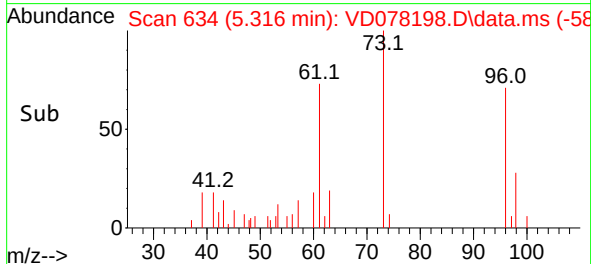
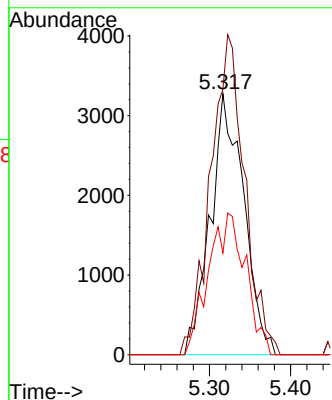
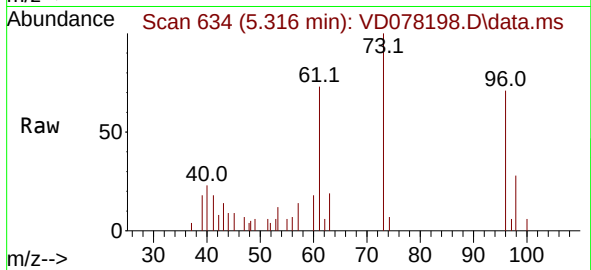




#21
trans-1,2-Dichloroethene
Concen: 5.000 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

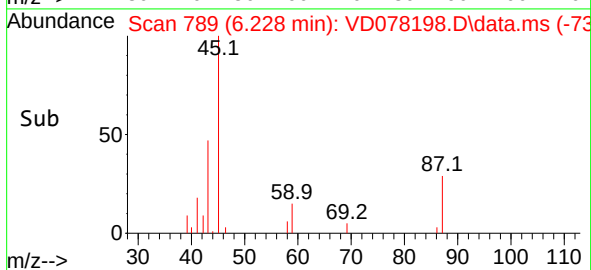
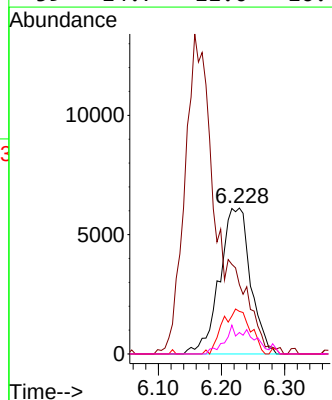
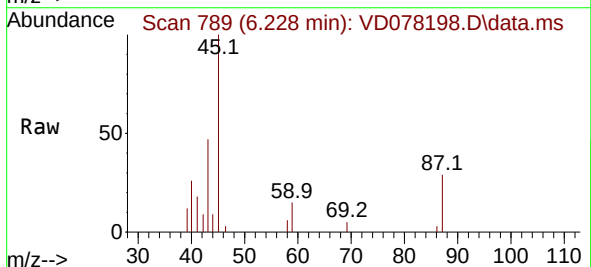
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

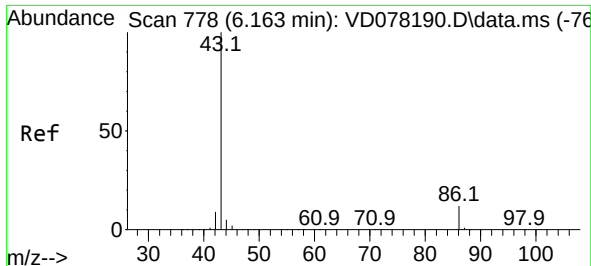
Tgt Ion: 96 Resp: 9360
Ion Ratio Lower Upper
96 100
61 101.8 89.3 133.9
98 39.0 48.6 73.0#



#22
Diisopropyl ether
Concen: 4.591 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 45 Resp: 20762
Ion Ratio Lower Upper
45 100
43 43.1 40.0 60.0
87 29.2 28.2 42.4
59 14.7 11.0 16.4

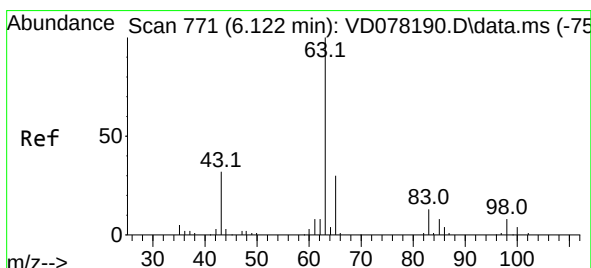
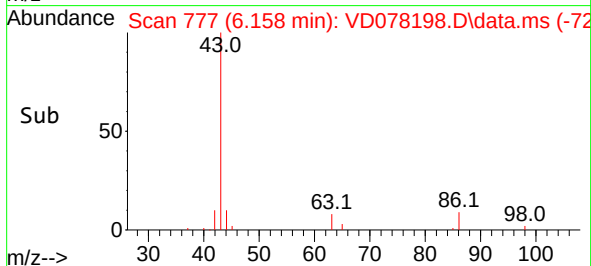
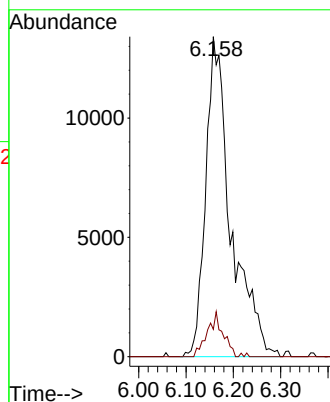
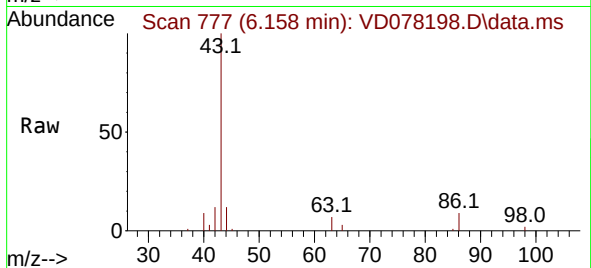




#23
 Vinyl Acetate
 Concen: 22.259 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078198.D
 Acq: 22 Jan 2024 18:12

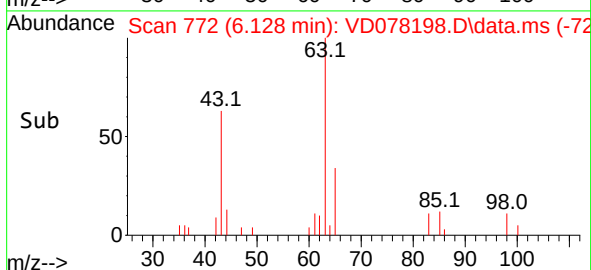
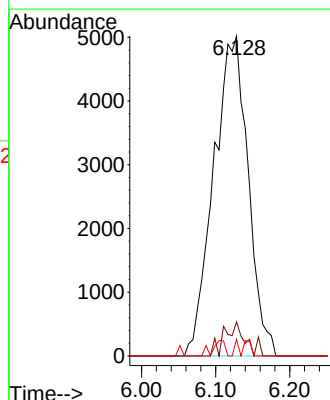
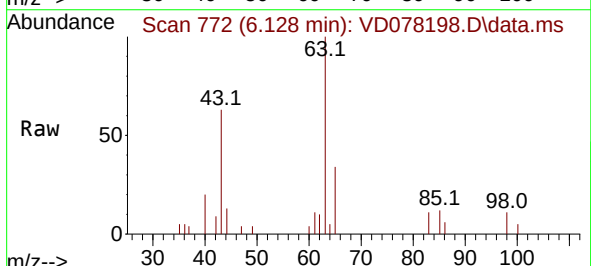
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

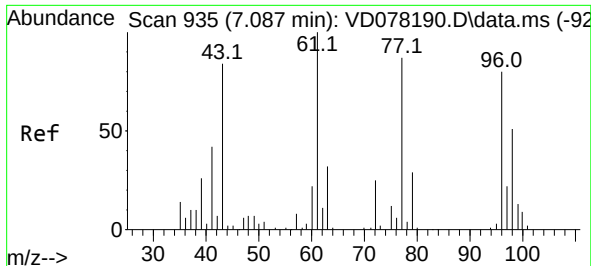
Tgt Ion: 43 Resp: 49590
 Ion Ratio Lower Upper
 43 100
 86 8.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 5.190 ug/l
 RT: 6.128 min Scan# 772
 Delta R.T. 0.006 min
 Lab File: VD078198.D
 Acq: 22 Jan 2024 18:12

Tgt Ion: 63 Resp: 16216
 Ion Ratio Lower Upper
 63 100
 98 10.6 4.5 13.7
 100 5.3 2.5 7.5

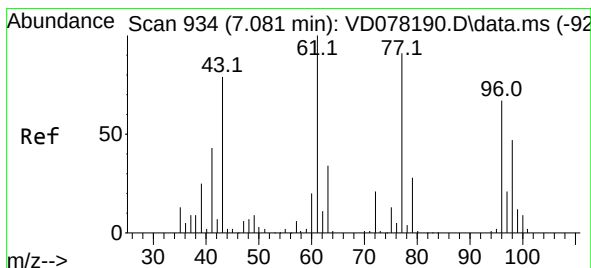
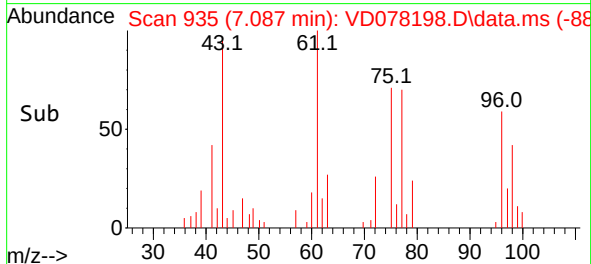
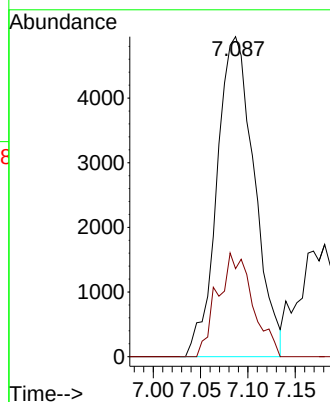
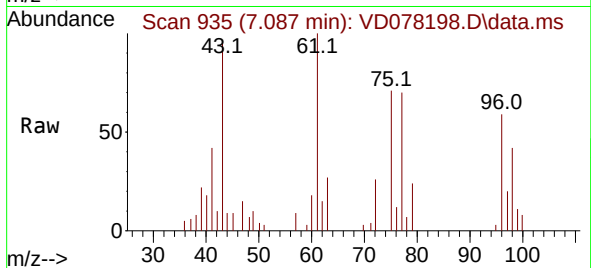




#25
2-Butanone
Concen: 19.348 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

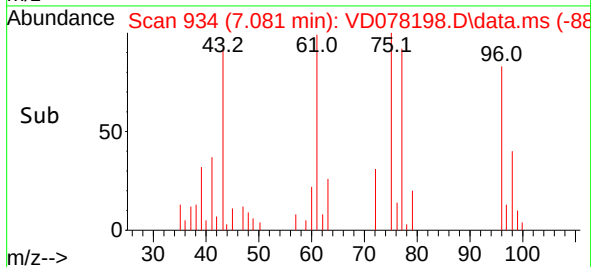
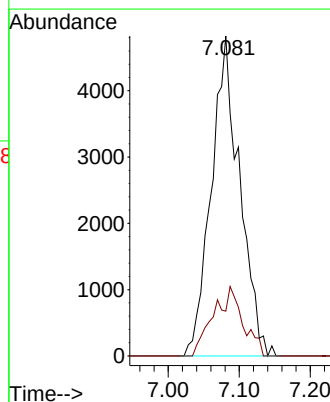
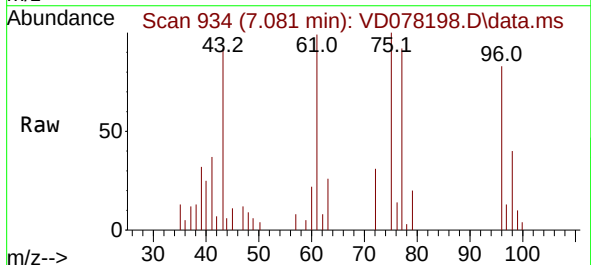
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

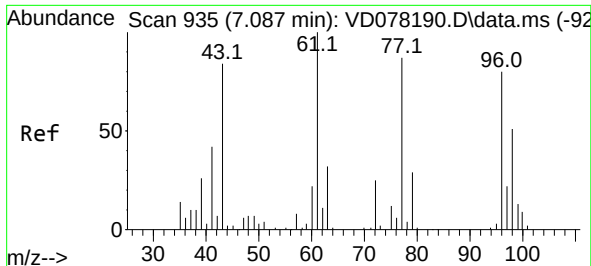
Tgt Ion: 43 Resp: 13577
Ion Ratio Lower Upper
43 100
72 27.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.127 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 77 Resp: 13420
Ion Ratio Lower Upper
77 100
97 22.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 4.786 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

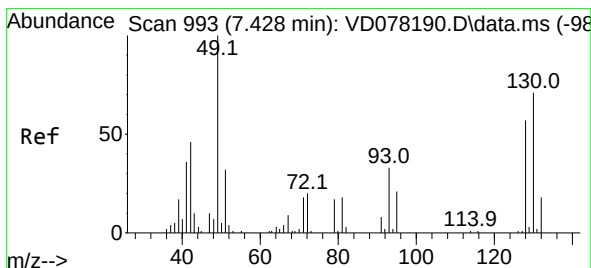
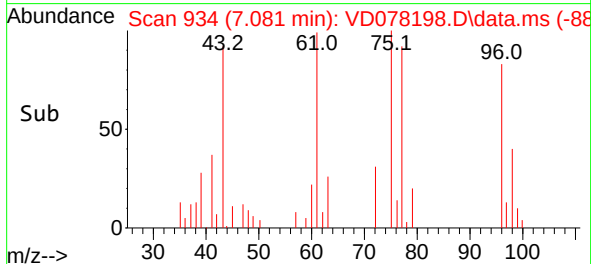
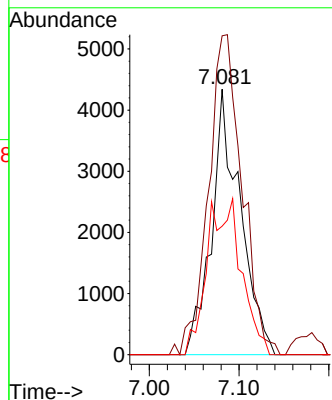
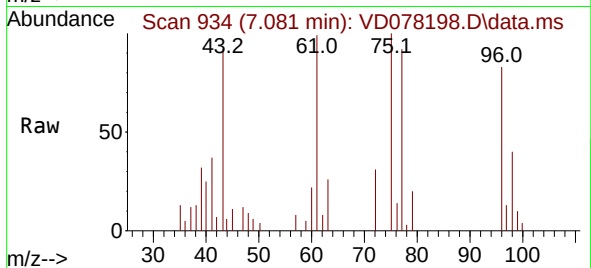
Tgt Ion: 96 Resp: 9625

Ion Ratio Lower Upper

96 100

61 141.8 0.0 239.2

98 70.0 0.0 128.6



#28

Bromochloromethane

Concen: 4.970 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.012 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

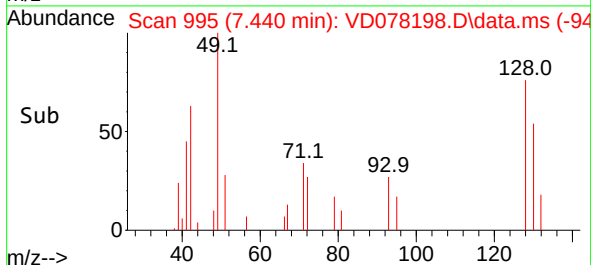
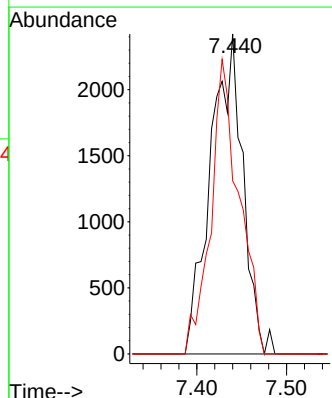
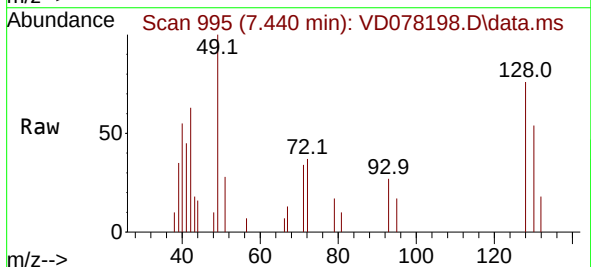
Tgt Ion: 49 Resp: 6057

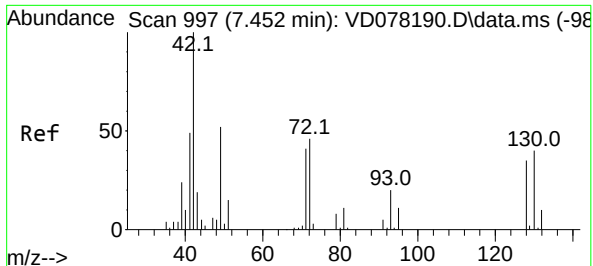
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 81.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 23.305 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

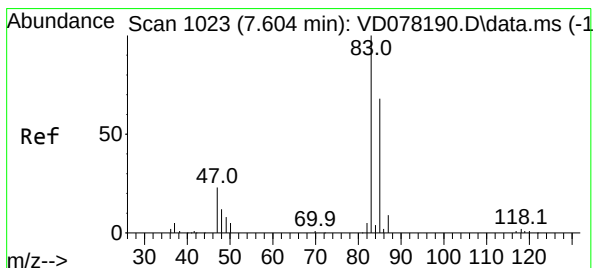
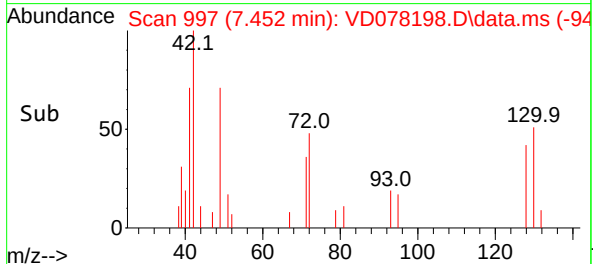
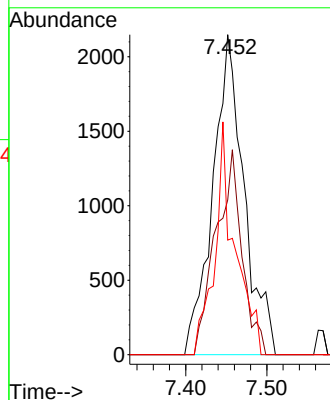
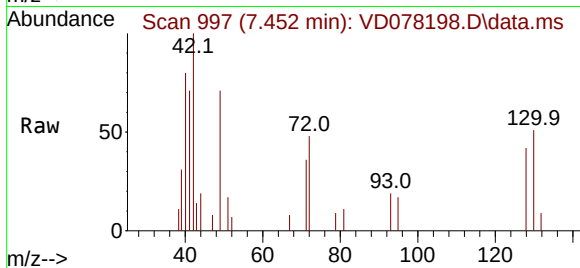
Tgt Ion: 42 Resp: 5746

Ion Ratio Lower Upper

42 100

72 53.7 46.5 69.7

71 46.6 44.5 66.7



#30

Chloroform

Concen: 5.283 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VD078198.D

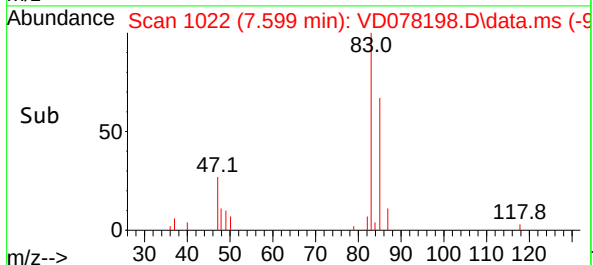
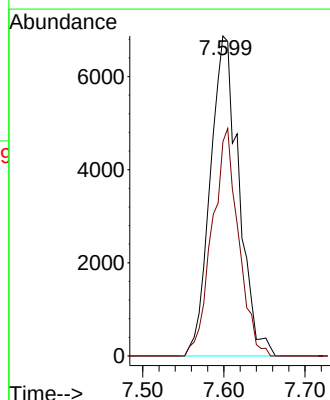
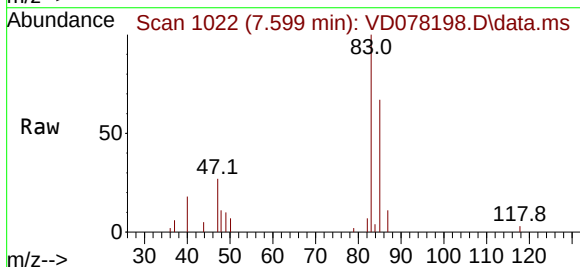
Acq: 22 Jan 2024 18:12

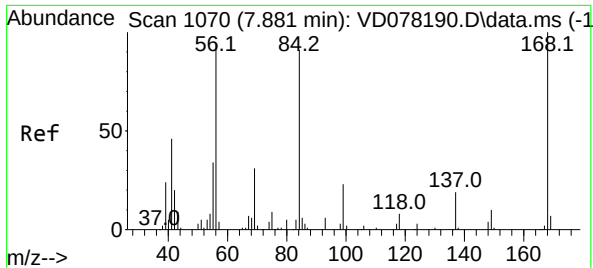
Tgt Ion: 83 Resp: 16787

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.2

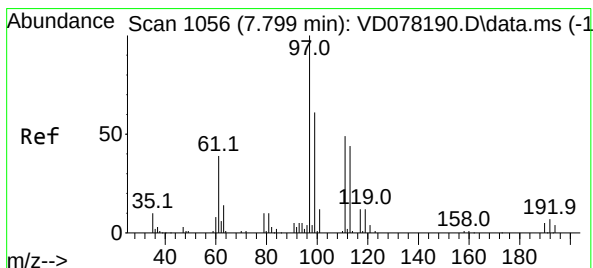
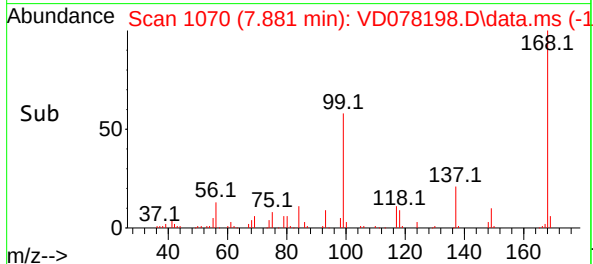
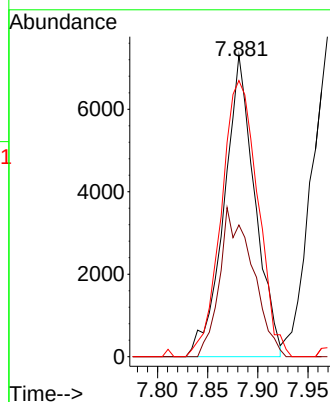
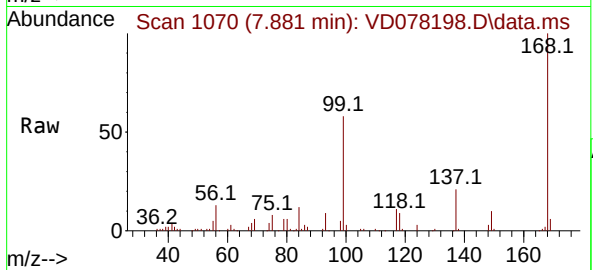




#31
Cyclohexane
Concen: 5.656 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

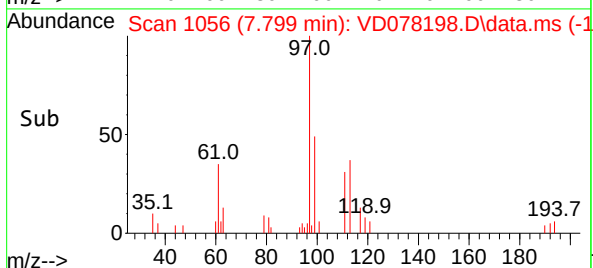
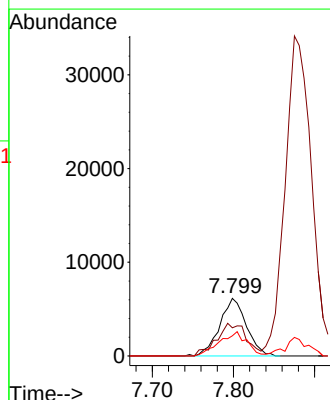
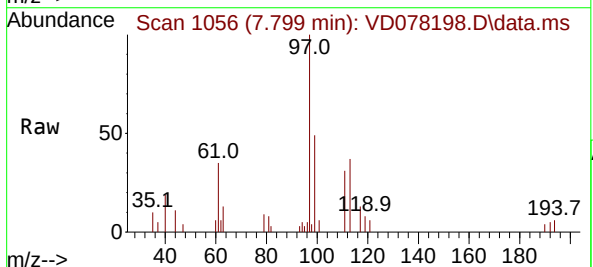
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

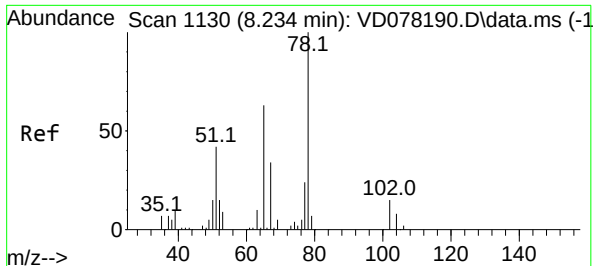
Tgt Ion: 56 Resp: 15630
Ion Ratio Lower Upper
56 100
69 43.7 28.6 43.0#
84 91.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.120 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 97 Resp: 14053
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 4.821 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

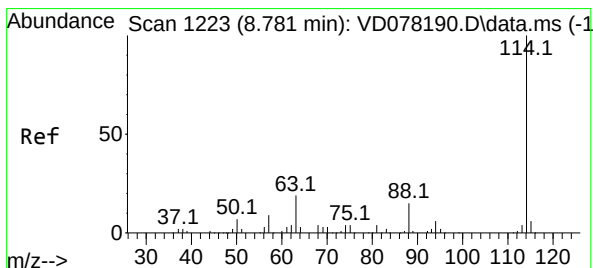
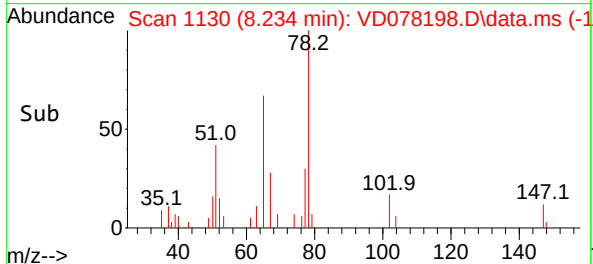
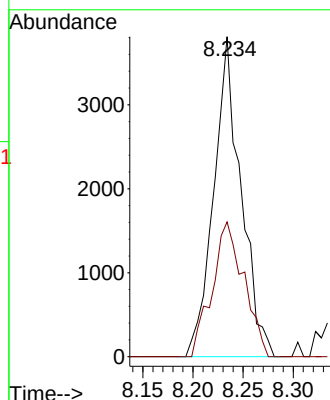
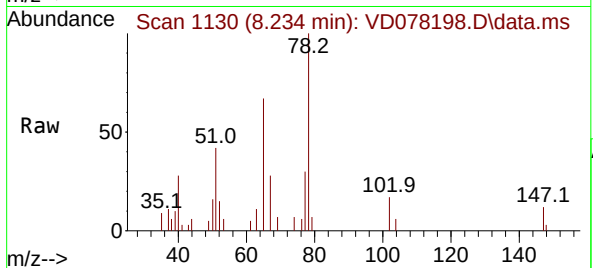
VSTDIC005

Tgt Ion: 65 Resp: 7205

Ion Ratio Lower Upper

65 100

67 49.0 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: VD078198.D

Acq: 22 Jan 2024 18:12

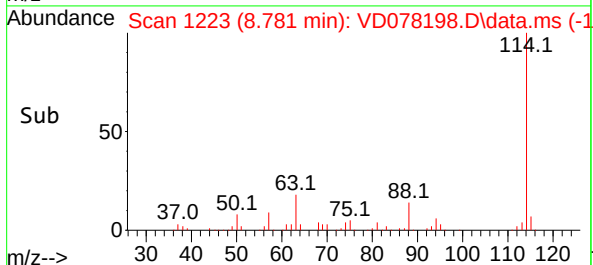
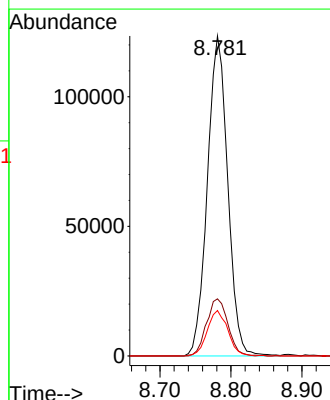
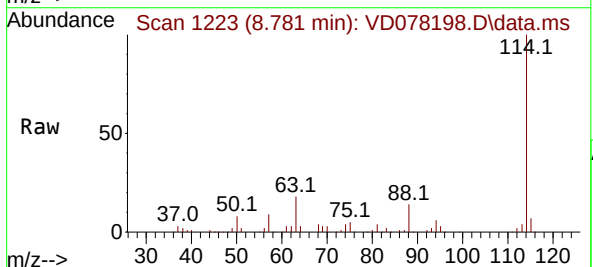
Tgt Ion: 114 Resp: 246079

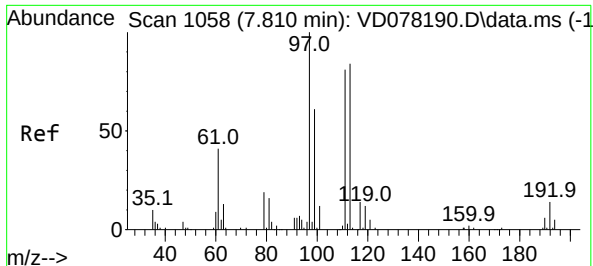
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 4.855 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

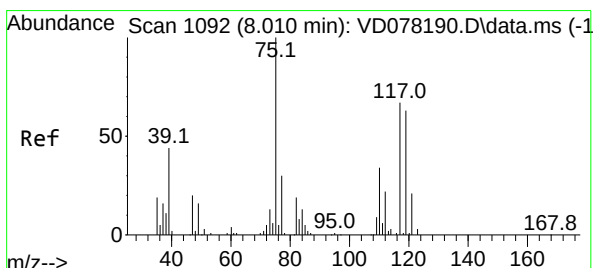
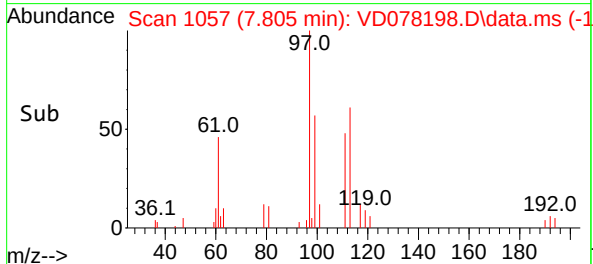
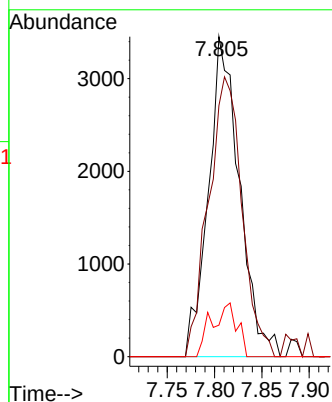
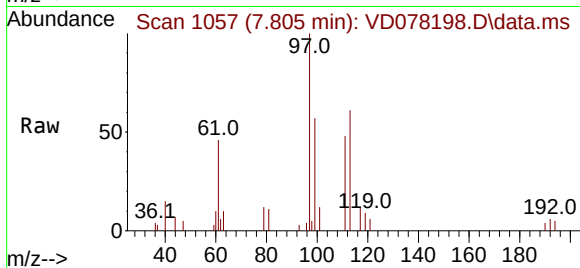
Tgt Ion:113 Resp: 7863

Ion Ratio Lower Upper

113 100

111 94.1 84.7 127.1

192 13.7 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 4.616 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

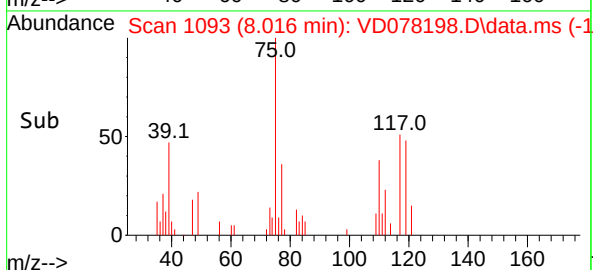
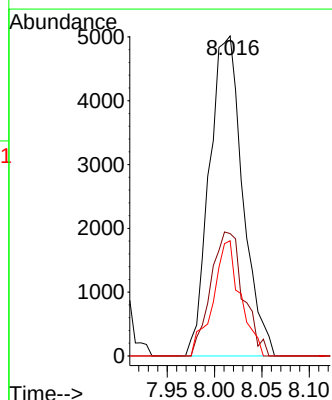
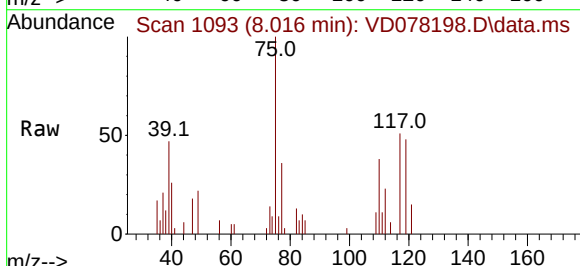
Tgt Ion: 75 Resp: 12293

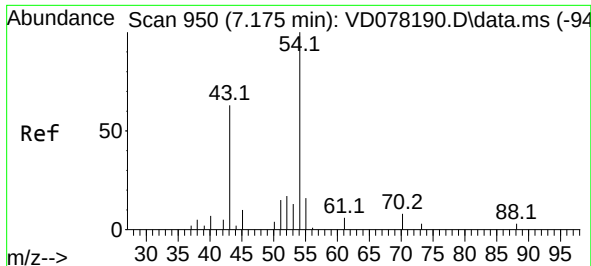
Ion Ratio Lower Upper

75 100

110 37.9 19.9 59.6

77 29.7 24.7 37.1





#37

Ethyl Acetate

Concen: 5.296 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

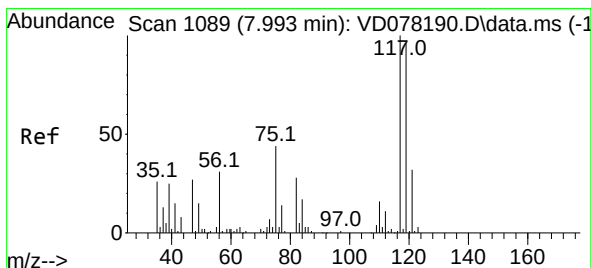
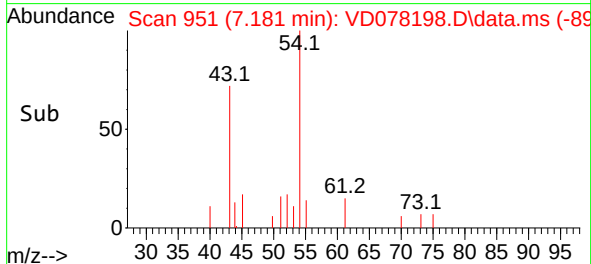
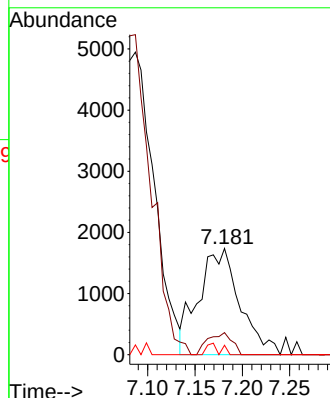
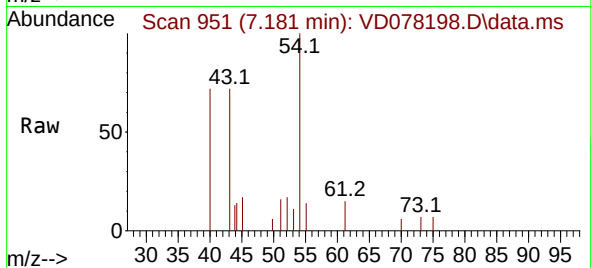
Tgt Ion: 43 Resp: 5251

Ion Ratio Lower Upper

43 100

61 12.1 14.9 22.3#

70 3.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.877 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

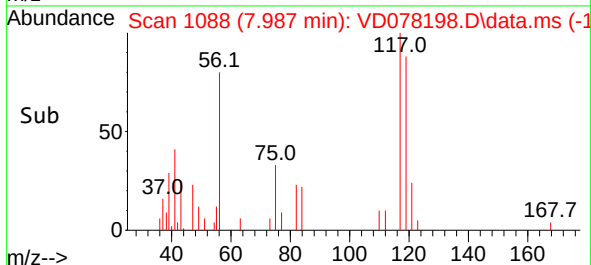
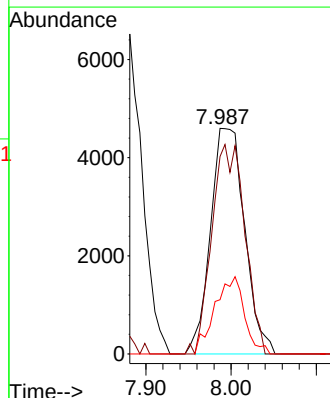
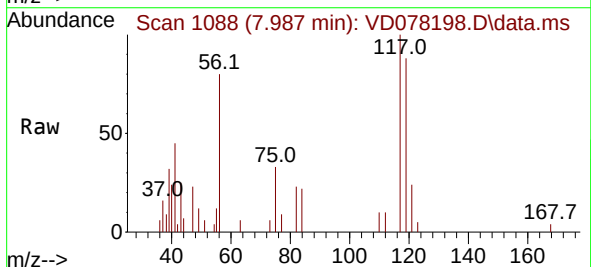
Tgt Ion: 117 Resp: 12828

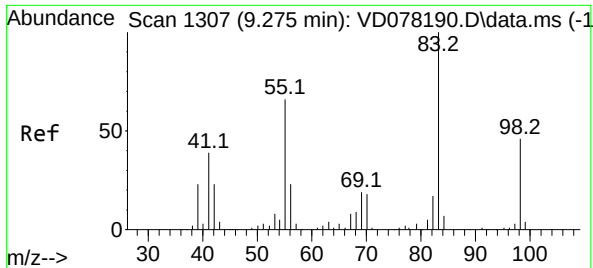
Ion Ratio Lower Upper

117 100

119 87.5 78.0 117.0

121 24.1 24.2 36.2#





#39

Methylcyclohexane

Concen: 4.796 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

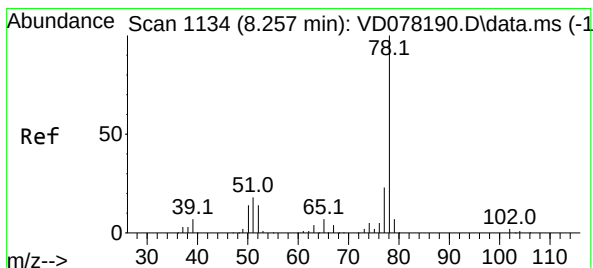
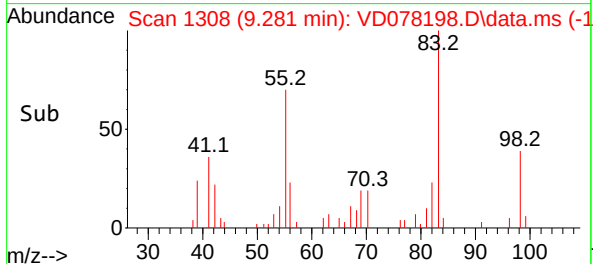
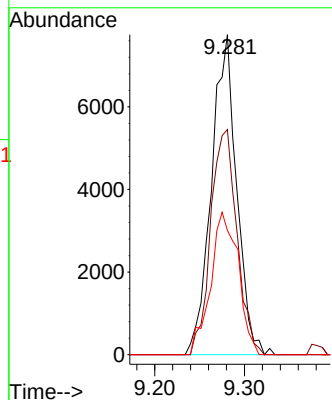
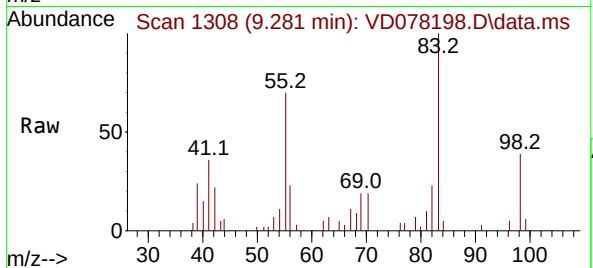
Tgt Ion: 83 Resp: 15107

Ion Ratio Lower Upper

83 100

55 70.4 49.4 74.0

98 38.9 38.4 57.6



#40

Benzene

Concen: 4.694 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078198.D

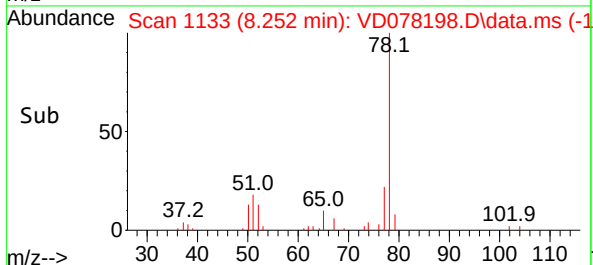
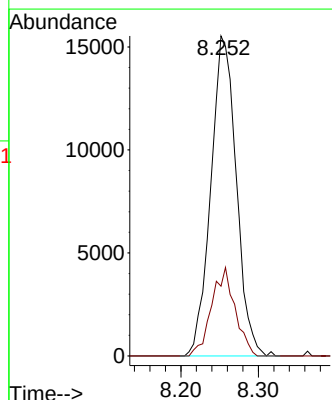
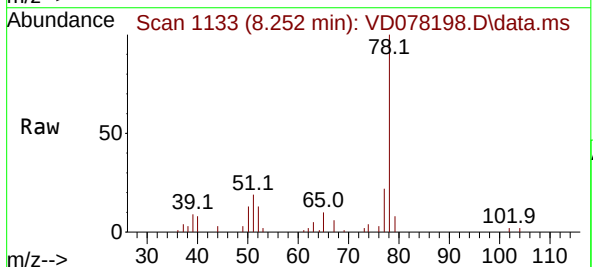
Acq: 22 Jan 2024 18:12

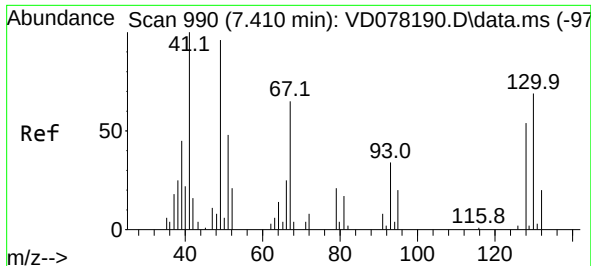
Tgt Ion: 78 Resp: 35477

Ion Ratio Lower Upper

78 100

77 21.8 19.4 29.0

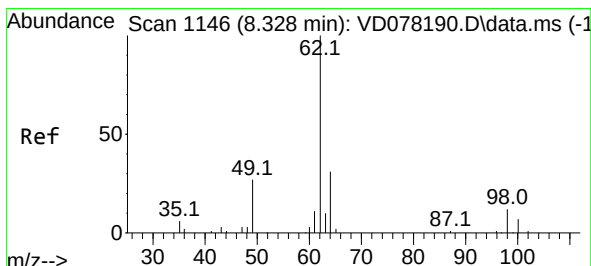
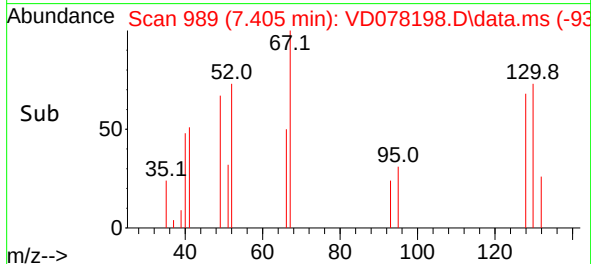
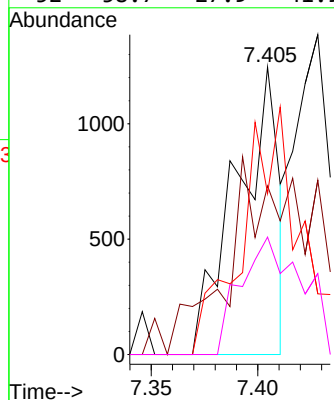
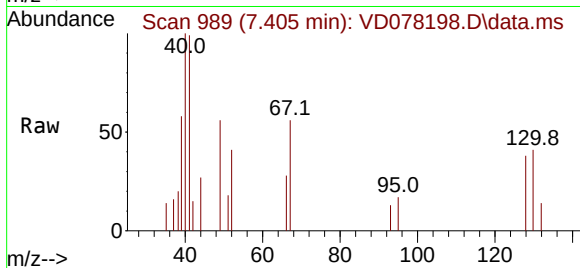




#41
Methacrylonitrile
Concen: 3.183 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

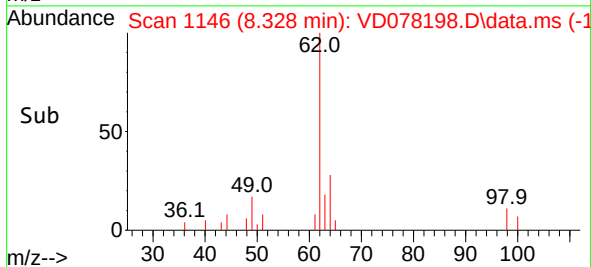
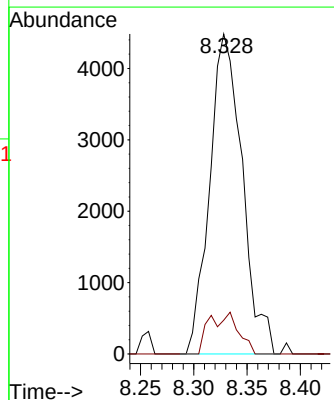
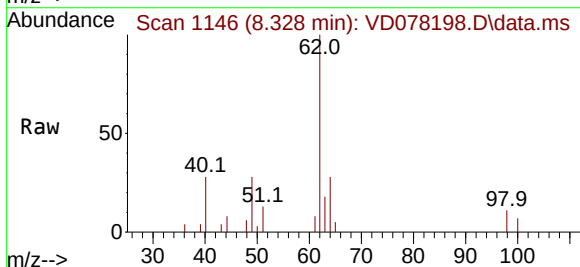
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

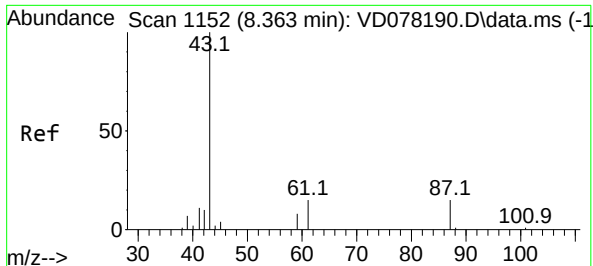
Tgt Ion: 41 Resp: 1733
Ion Ratio Lower Upper
41 100
39 105.7 34.0 51.0#
67 126.8 77.0 115.4#
52 58.7 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 4.854 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 62 Resp: 9545
Ion Ratio Lower Upper
62 100
98 4.9 0.0 25.4

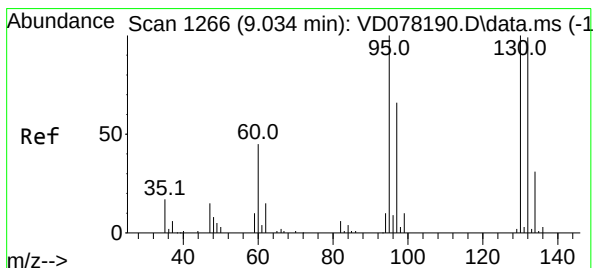
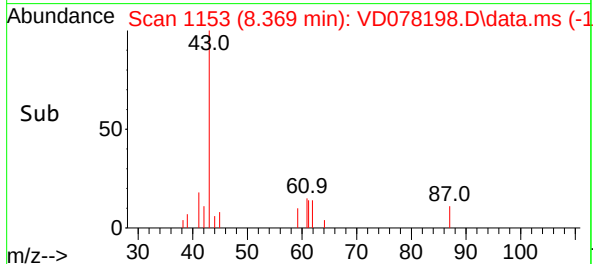
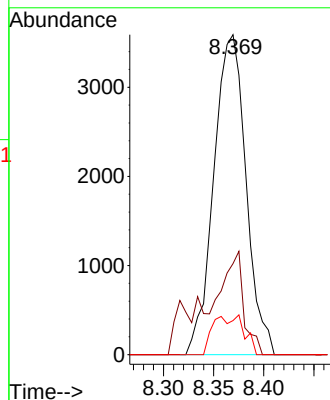
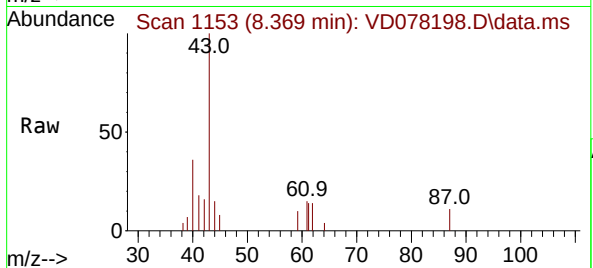




#43
Isopropyl Acetate
Concen: 4.419 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

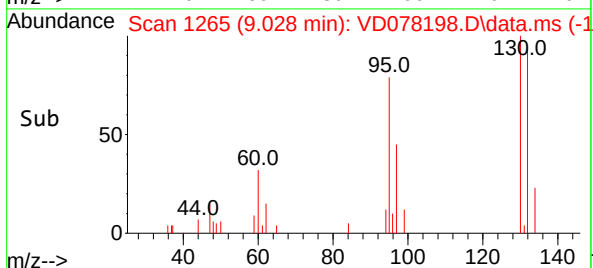
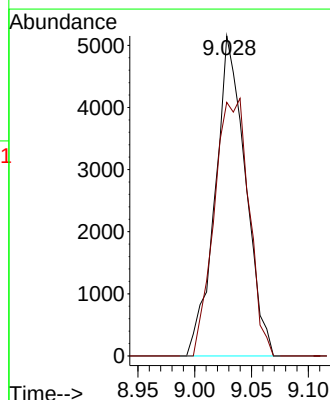
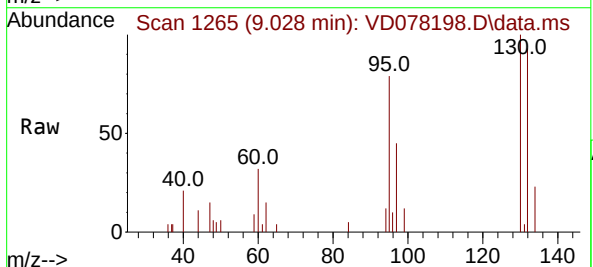
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

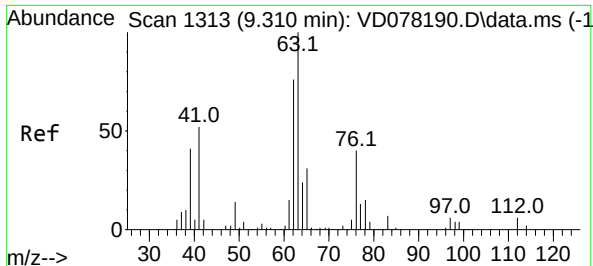
Tgt Ion: 43 Resp: 8027
Ion Ratio Lower Upper
43 100
61 22.7 31.4 47.0#
87 11.7 14.9 22.3#



#44
Trichloroethene
Concen: 4.930 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion:130 Resp: 9533
Ion Ratio Lower Upper
130 100
95 79.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.570 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

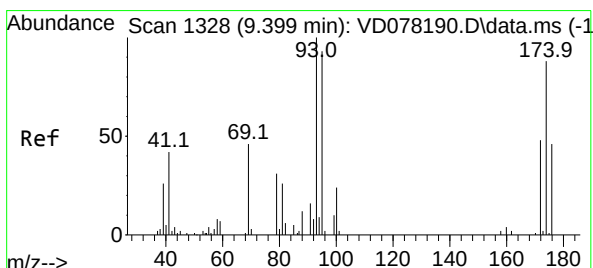
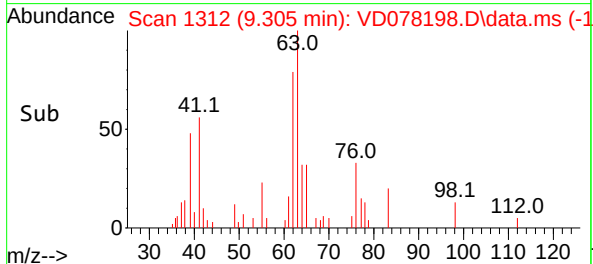
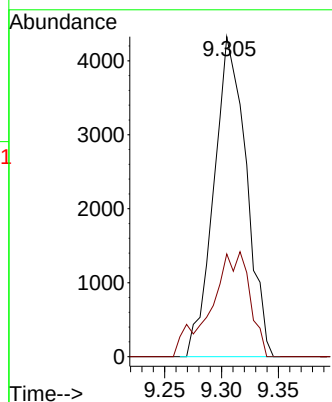
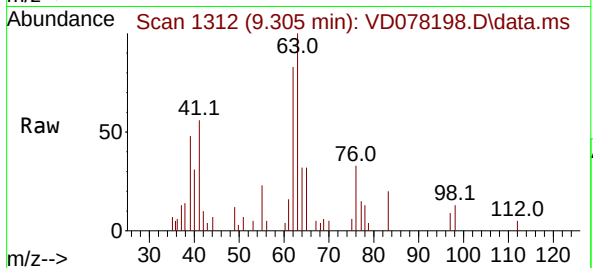
VSTDIC005

Tgt Ion: 63 Resp: 8571

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 4.659 ug/l

RT: 9.405 min Scan# 1329

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

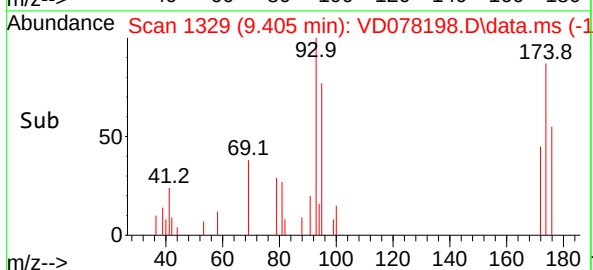
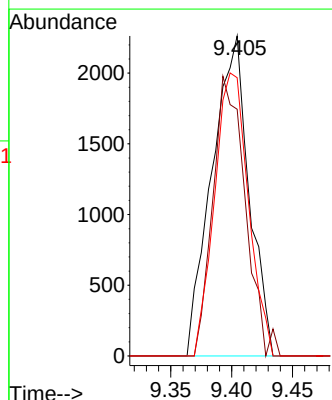
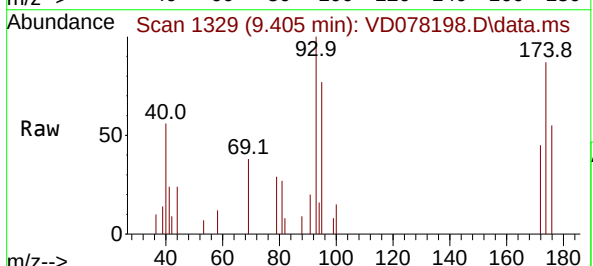
Tgt Ion: 93 Resp: 4798

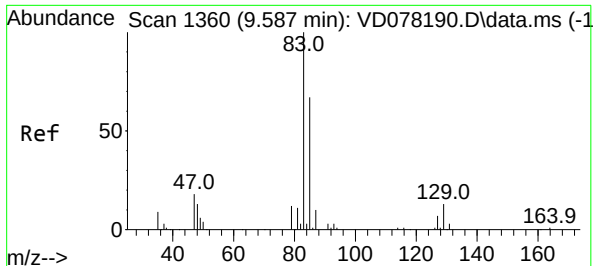
Ion Ratio Lower Upper

93 100

95 75.8 67.7 101.5

174 80.8 85.4 128.2#

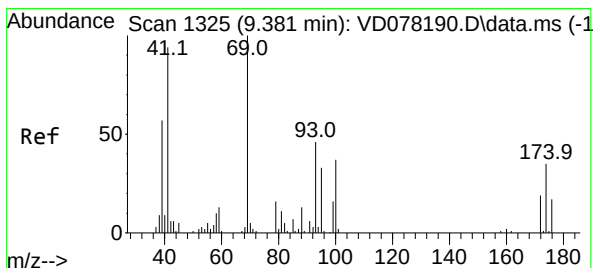
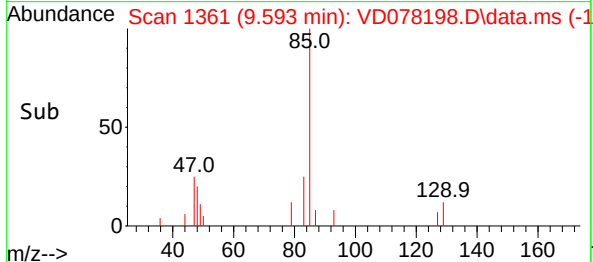
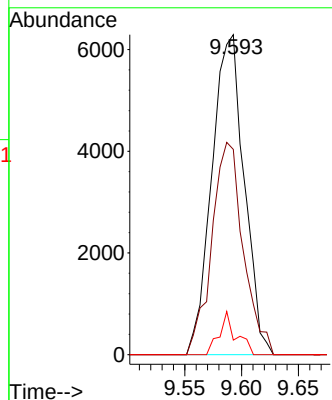
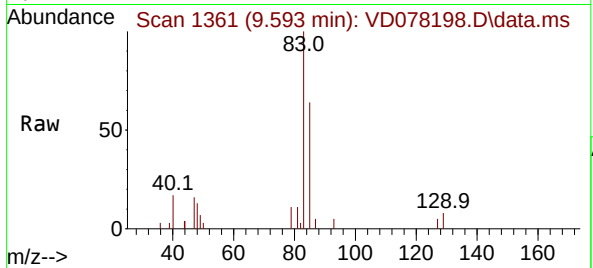




#47
Bromodichloromethane
Concen: 4.816 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

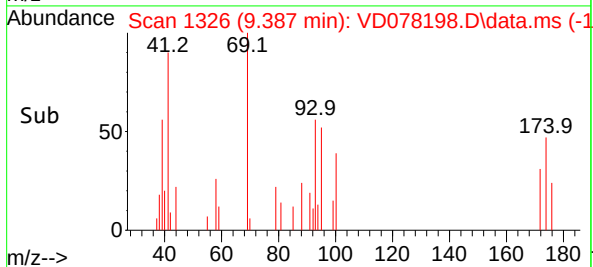
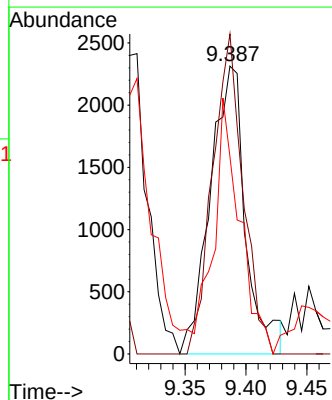
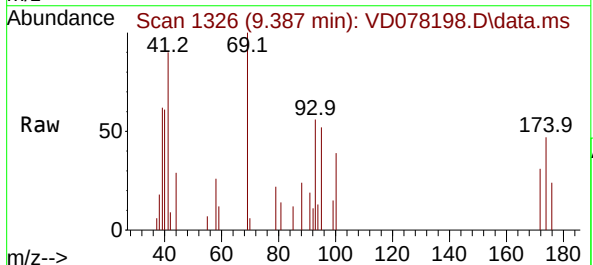
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

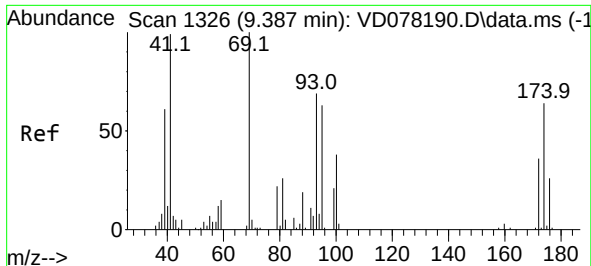
Tgt Ion: 83 Resp: 12460
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 4.6 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.454 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 41 Resp: 4684
Ion Ratio Lower Upper
41 100
69 95.8 102.2 153.2#
39 68.2 41.4 62.2#

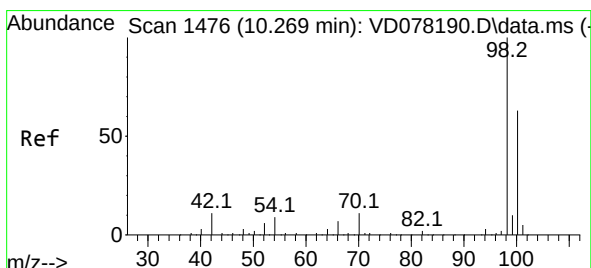
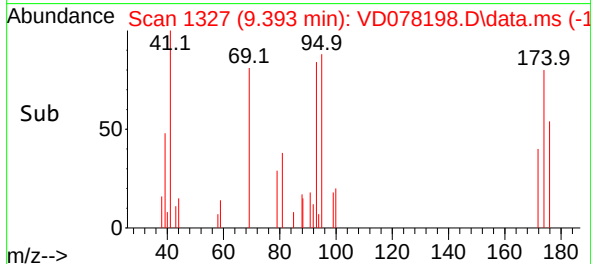
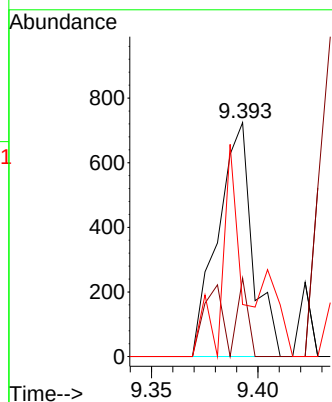
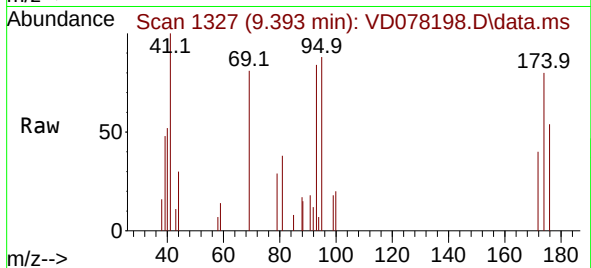




#49
1,4-Dioxane
Concen: 82.786 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

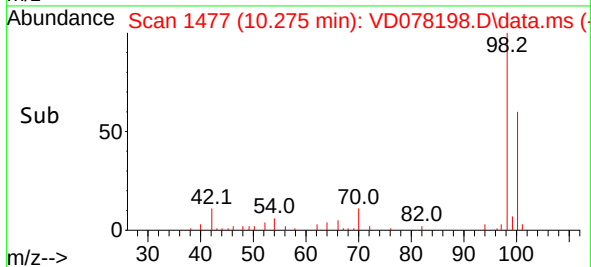
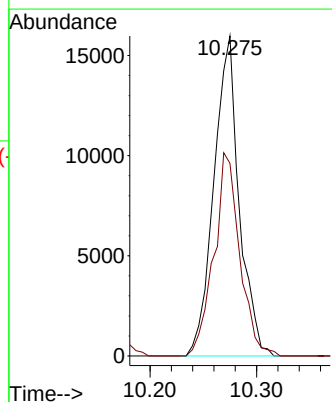
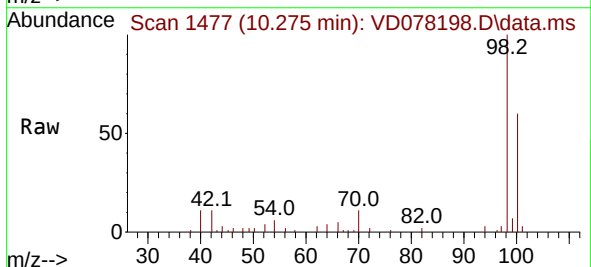
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

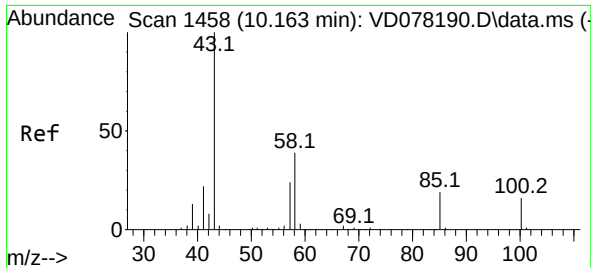
Tgt Ion: 88 Resp: 825
Ion Ratio Lower Upper
88 100
43 26.9 19.0 28.6
58 49.7 43.5 65.3



#50
Toluene-d8
Concen: 4.109 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 98 Resp: 26348
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

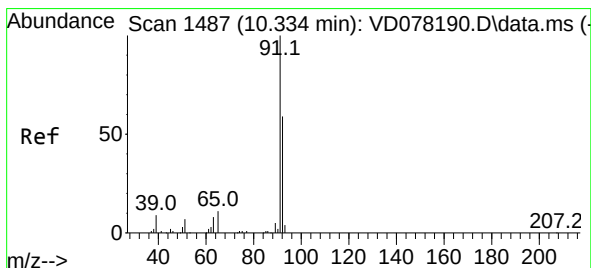
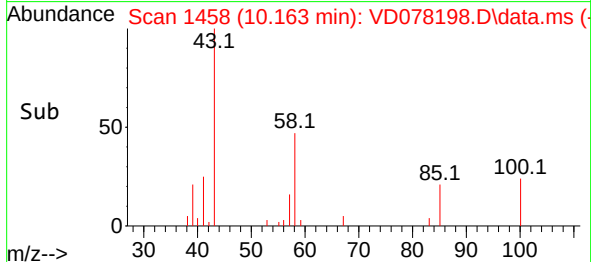
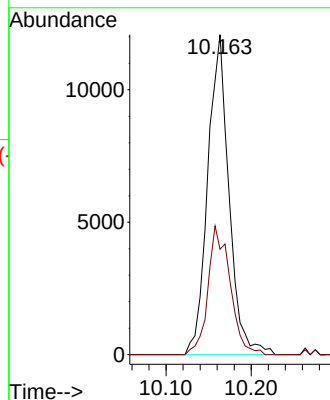
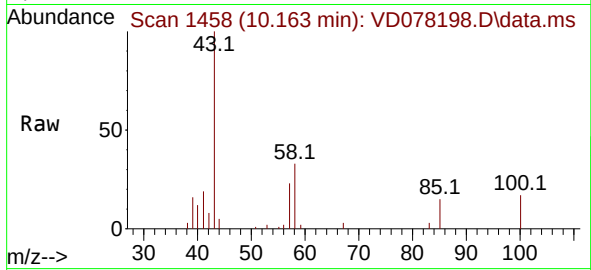




#51
4-Methyl-2-Pentanone
Concen: 21.950 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

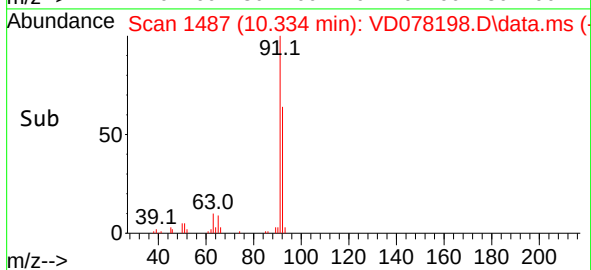
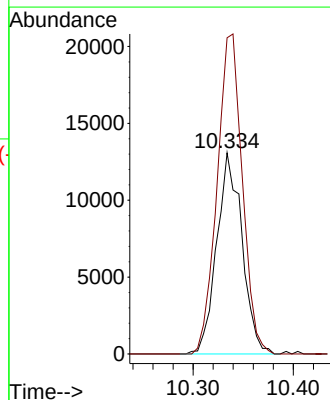
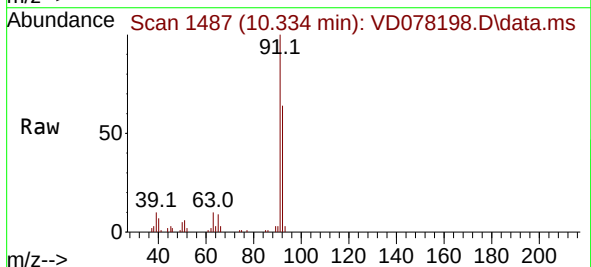
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

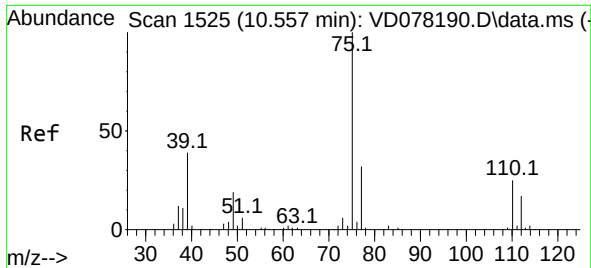
Tgt Ion: 43 Resp: 20951
Ion Ratio Lower Upper
43 100
58 41.8 38.9 58.3



#52
Toluene
Concen: 4.773 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 92 Resp: 22865
Ion Ratio Lower Upper
92 100
91 159.2 143.0 214.4

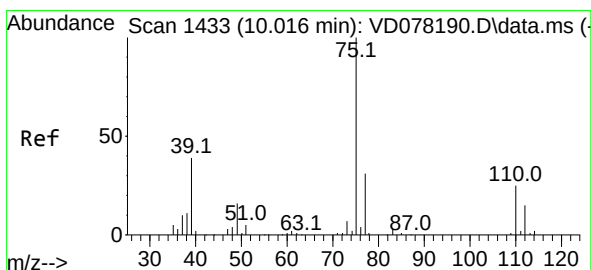
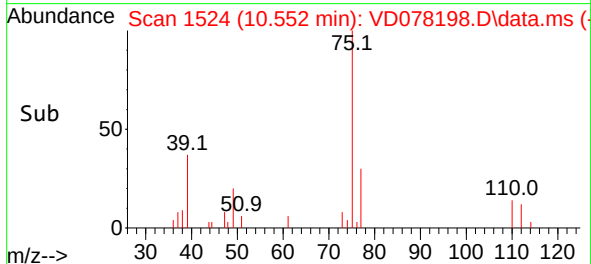
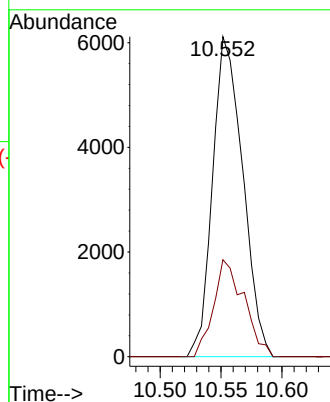
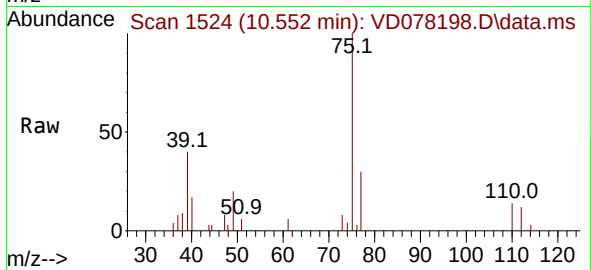




#53
t-1,3-Dichloropropene
Concen: 4.407 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

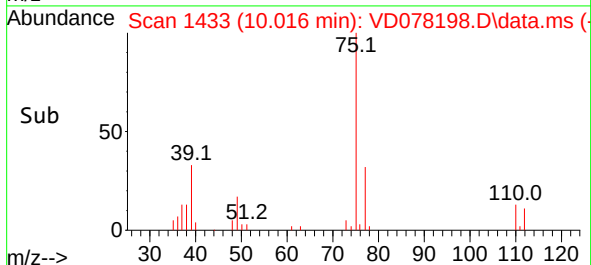
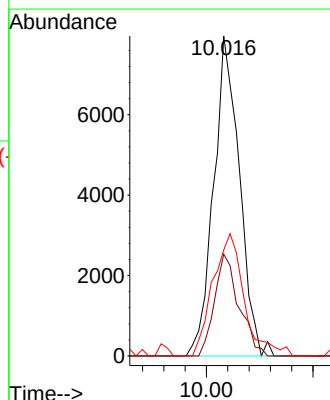
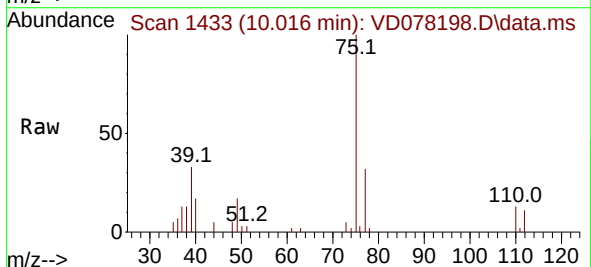
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

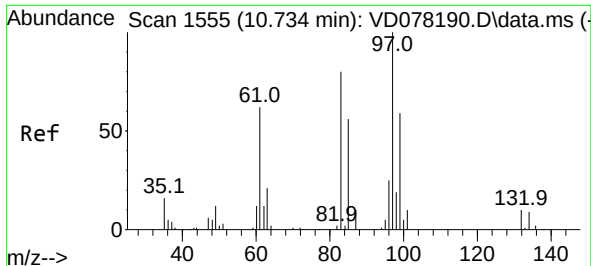
Tgt Ion: 75 Resp: 10519
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.664 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 75 Resp: 13346
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 33.1 22.1 33.1

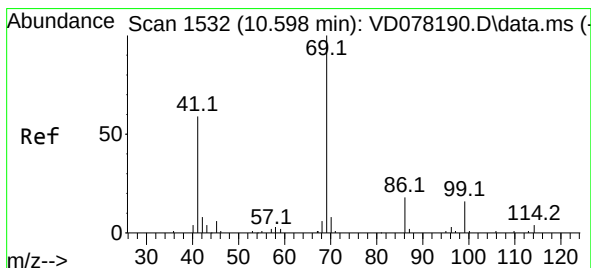
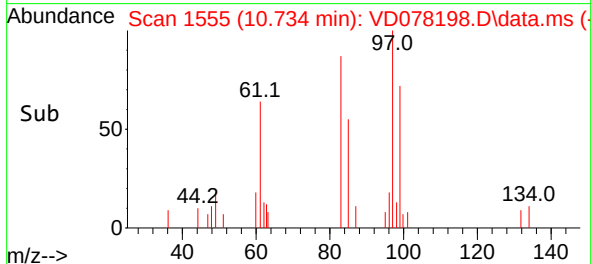
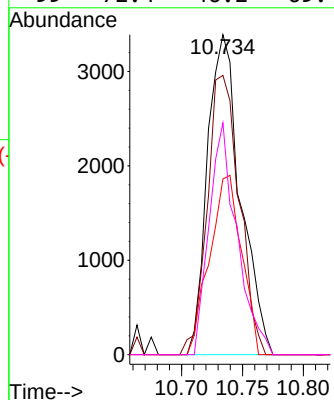
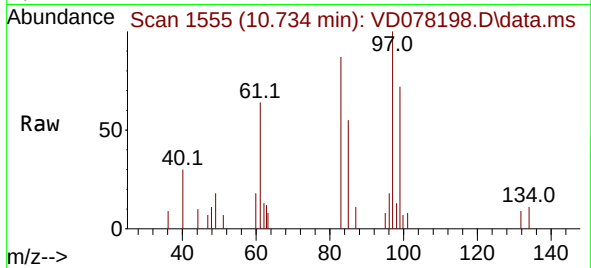




#55
1,1,2-Trichloroethane
Concen: 4.641 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

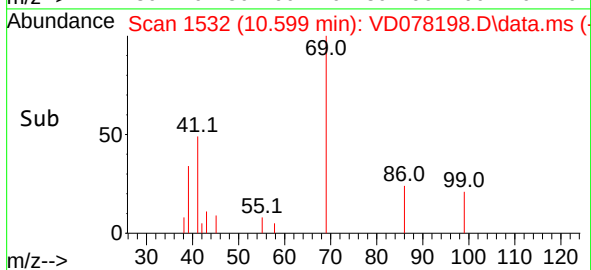
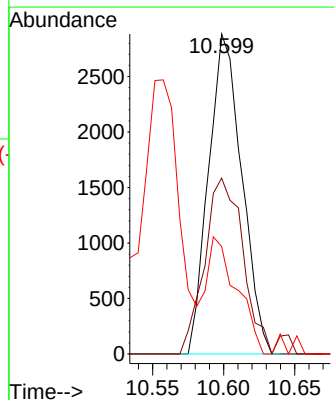
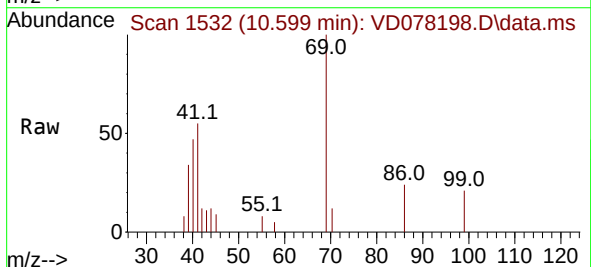
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

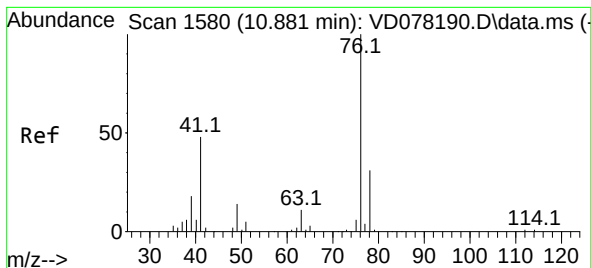
Tgt Ion: 97	Resp: 6396
Ion Ratio	Lower Upper
97 100	
83 87.3	65.8 98.6
85 54.9	45.7 68.5
99 72.4	46.2 69.4#



#56
Ethyl methacrylate
Concen: 4.165 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 69	Resp: 4699
Ion Ratio	Lower Upper
69 100	
41 63.2	39.1 58.7#
39 33.6	20.0 30.0#

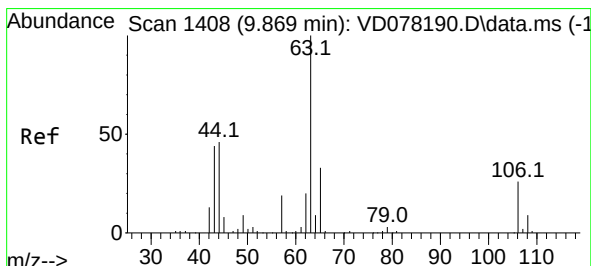
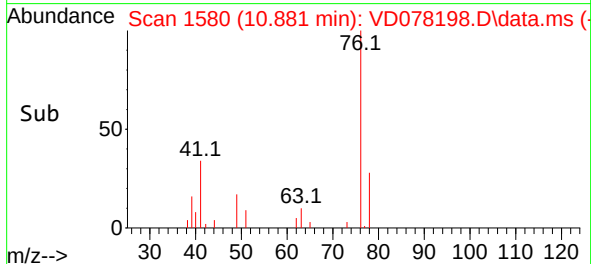
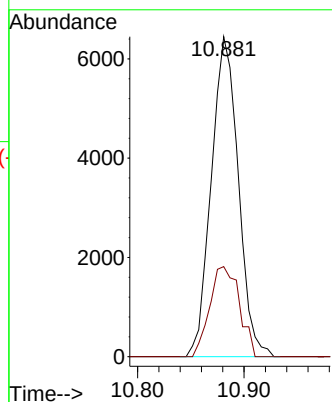
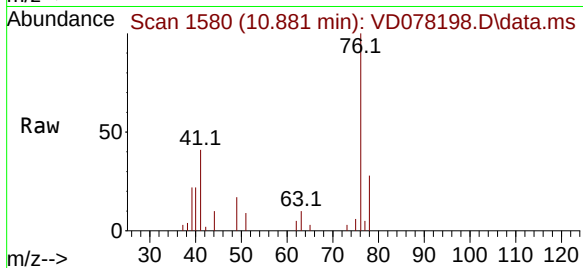




#57
1,3-Dichloropropane
Concen: 4.819 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

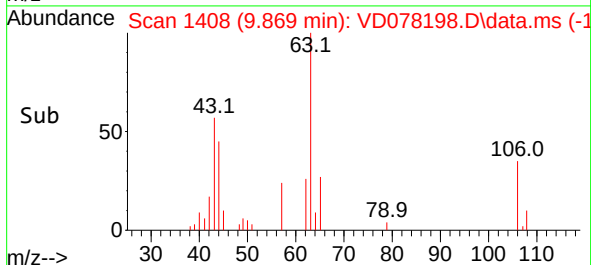
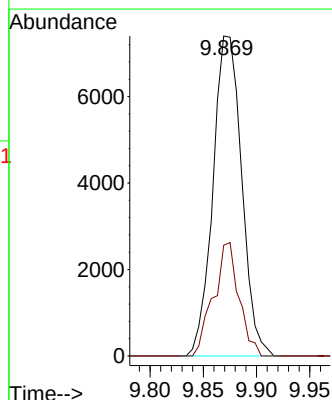
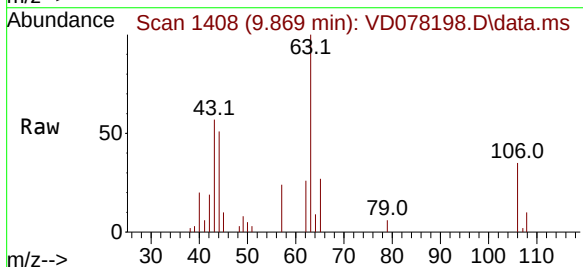
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

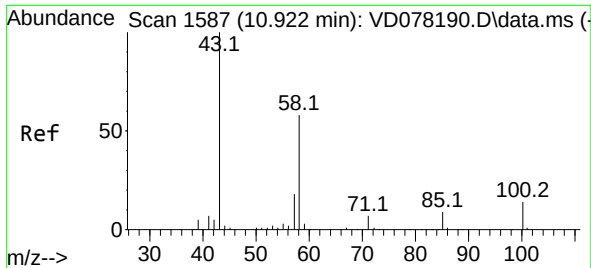
Tgt Ion: 76 Resp: 11358
Ion Ratio Lower Upper
76 100
78 30.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 20.521 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 63 Resp: 13873
Ion Ratio Lower Upper
63 100
106 31.3 25.3 37.9

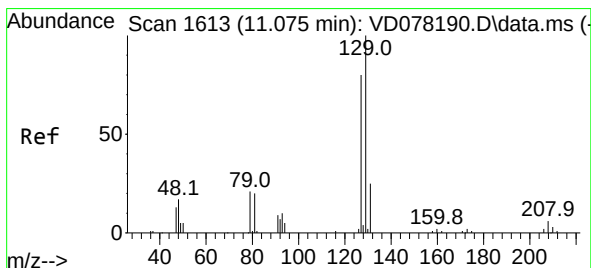
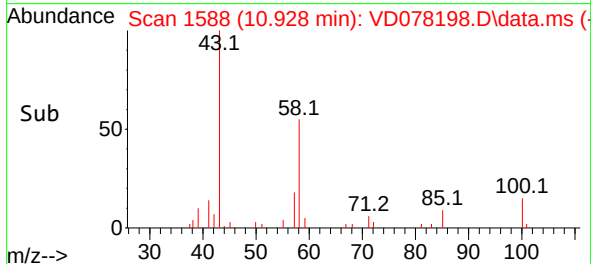
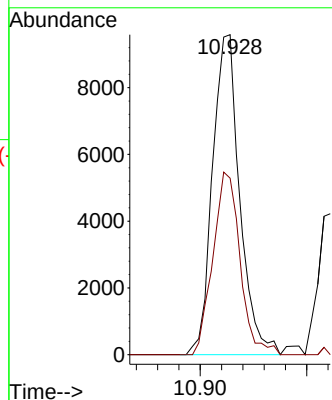
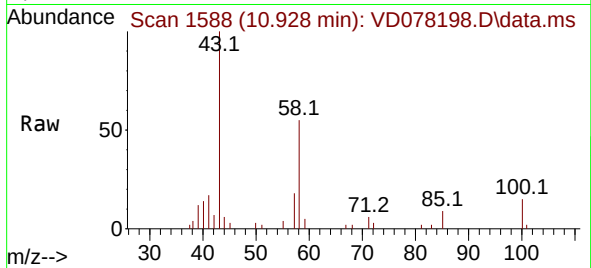




#59
2-Hexanone
Concen: 21.853 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

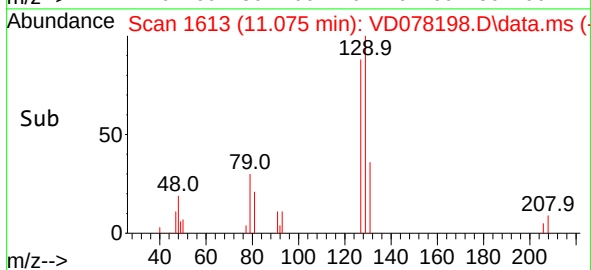
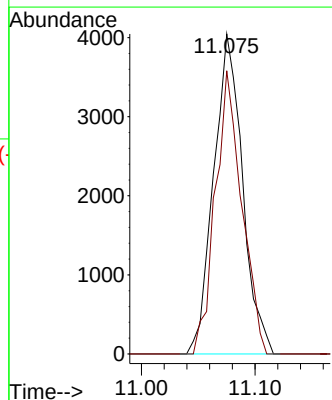
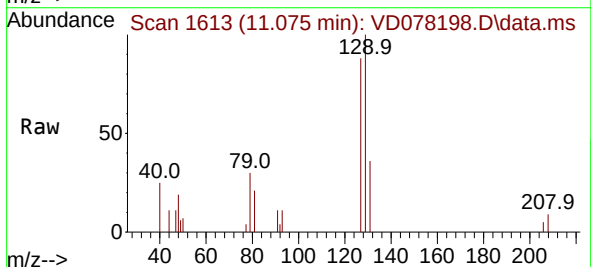
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

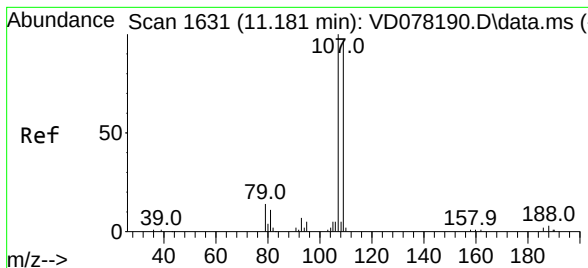
Tgt Ion: 43 Resp: 16950
Ion Ratio Lower Upper
43 100
58 57.0 34.1 102.2



#60
Dibromochloromethane
Concen: 4.394 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion:129 Resp: 7139
Ion Ratio Lower Upper
129 100
127 81.2 37.1 111.5

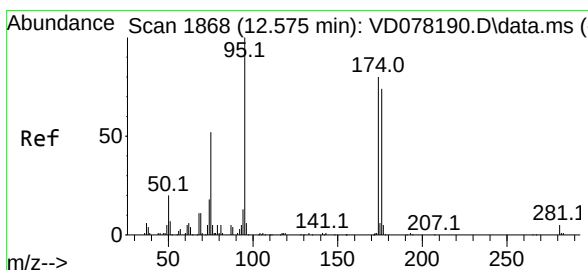
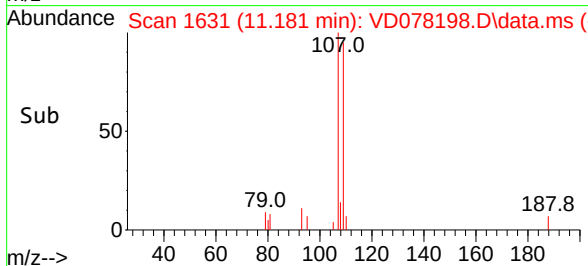
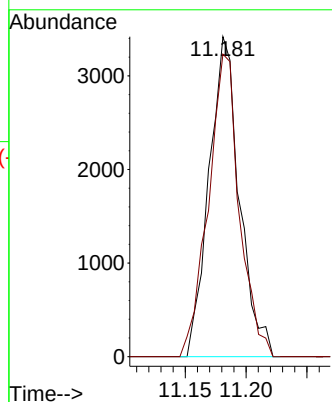
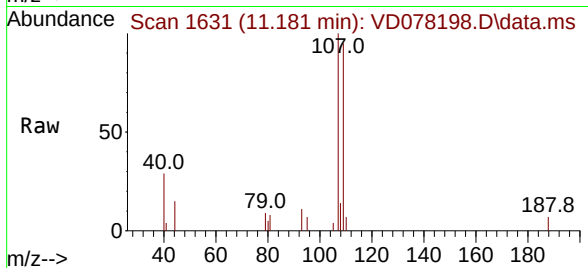




#61
1,2-Dibromoethane
Concen: 4.674 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

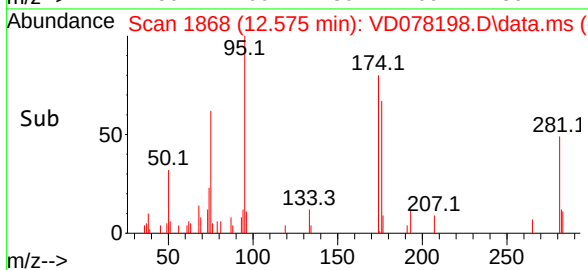
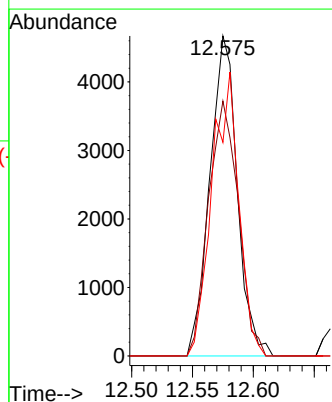
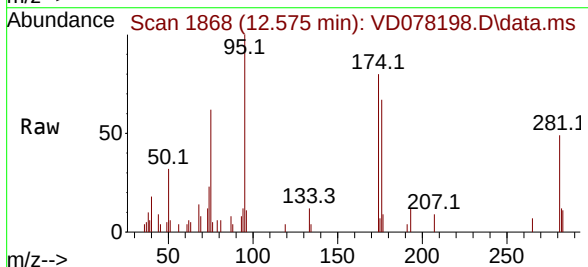
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

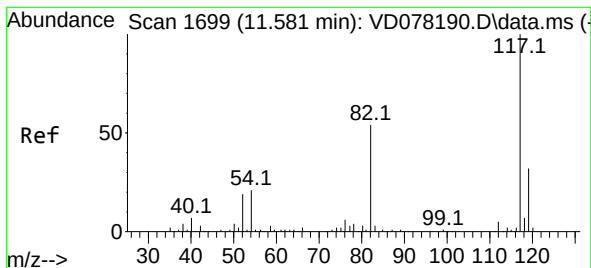
Tgt Ion:107 Resp: 5938
Ion Ratio Lower Upper
107 100
109 96.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 3.930 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 95 Resp: 7308
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 87.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

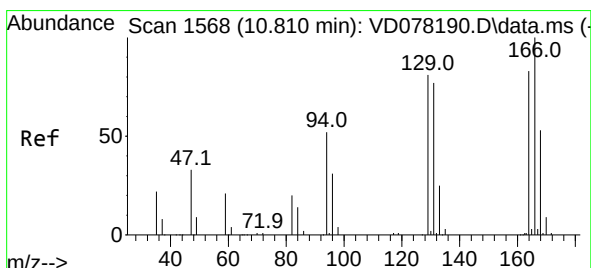
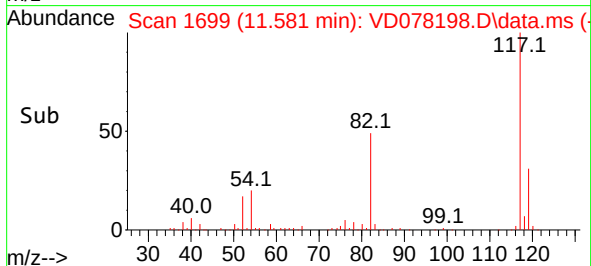
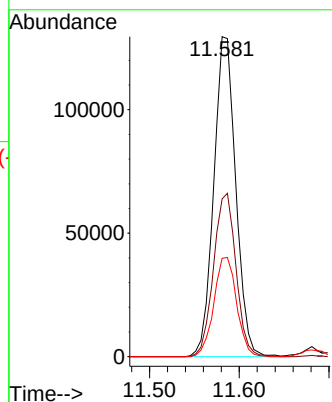
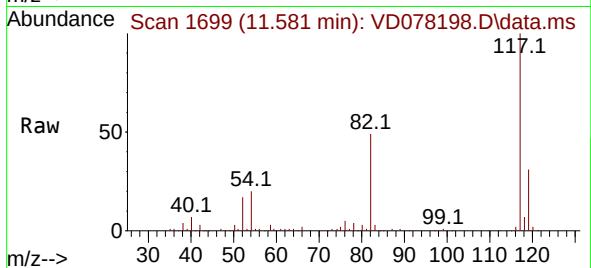
Tgt Ion:117 Resp: 220511

Ion Ratio Lower Upper

117 100

82 49.3 38.3 57.5

119 30.8 25.0 37.4



#64

Tetrachloroethene

Concen: 5.093 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Tgt Ion:164 Resp: 7343

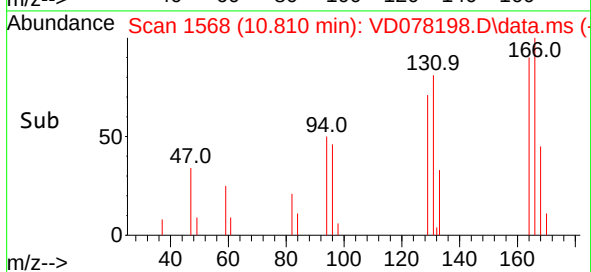
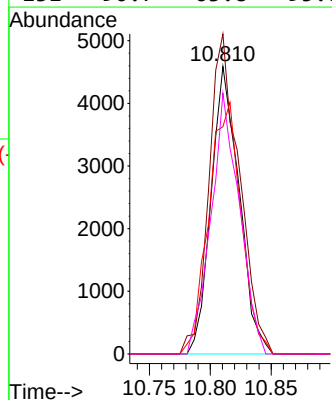
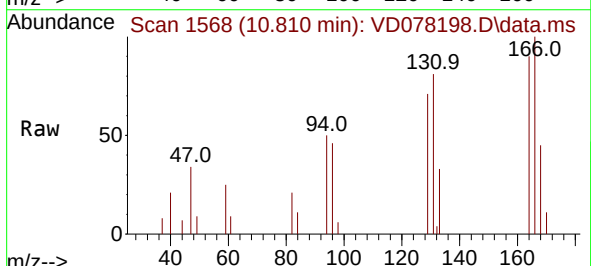
Ion Ratio Lower Upper

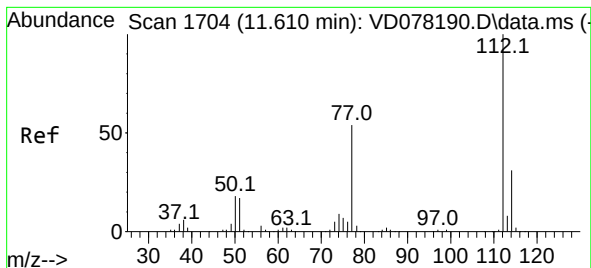
164 100

166 111.3 99.2 148.8

129 79.0 68.4 102.6

131 90.7 63.8 95.8

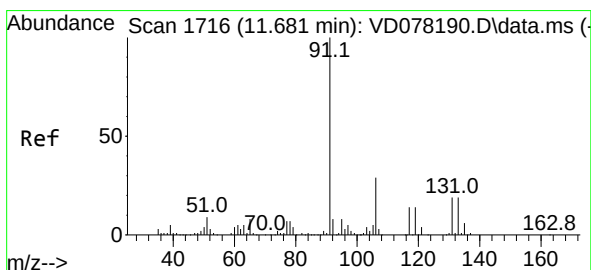
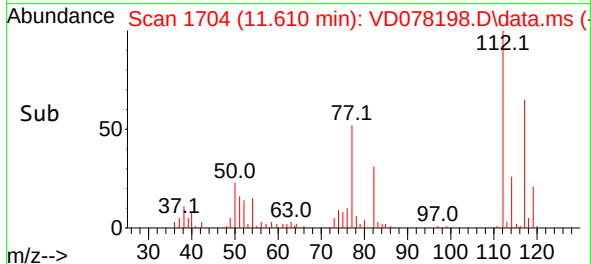
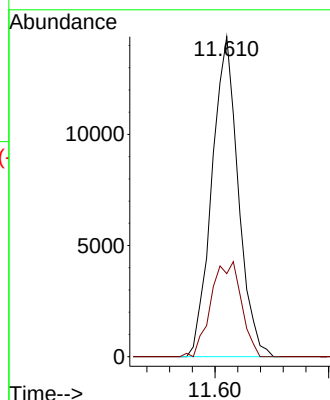
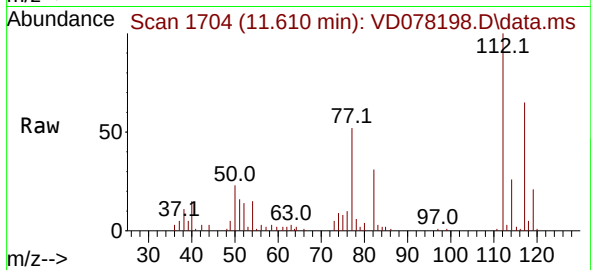




#65
Chlorobenzene
Concen: 4.773 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

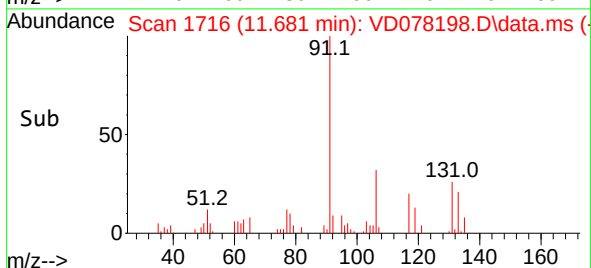
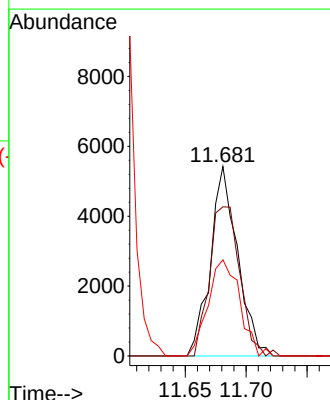
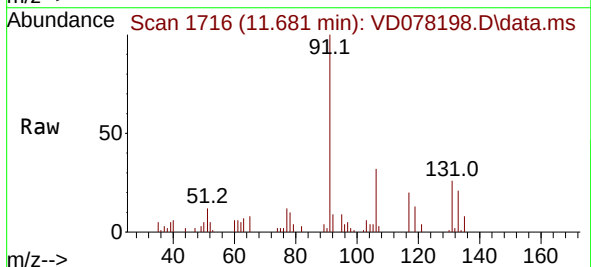
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

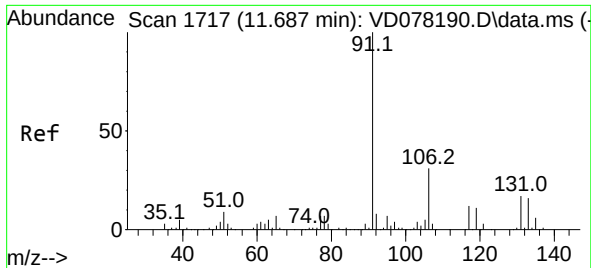
Tgt Ion:112 Resp: 23248
Ion Ratio Lower Upper
112 100
114 25.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.825 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion:131 Resp: 8400
Ion Ratio Lower Upper
131 100
133 88.1 48.5 145.5
119 59.1 35.6 106.9

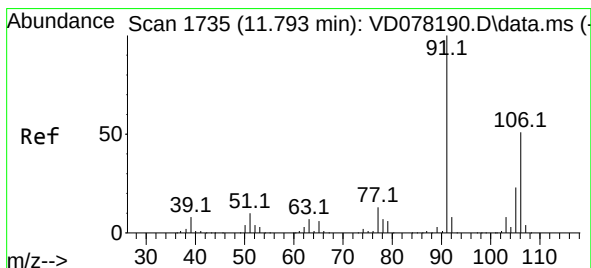
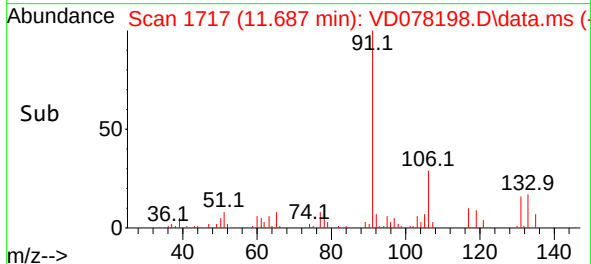
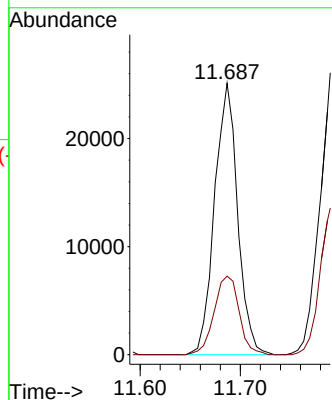
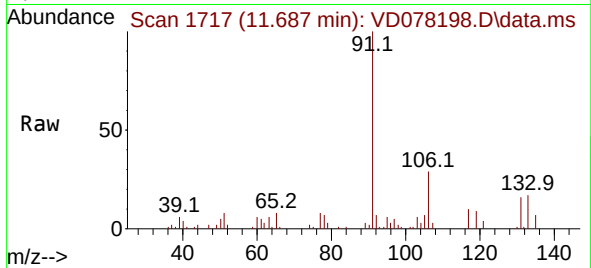




#67
Ethyl Benzene
Concen: 4.514 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

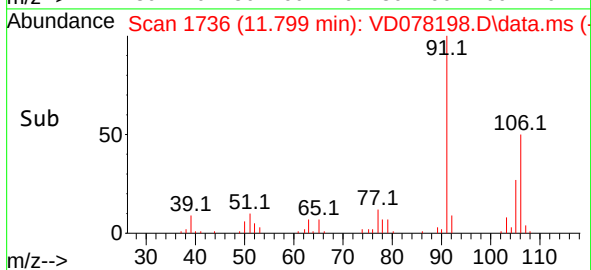
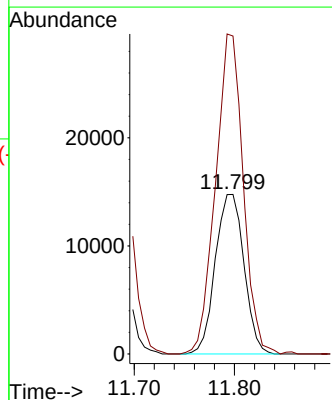
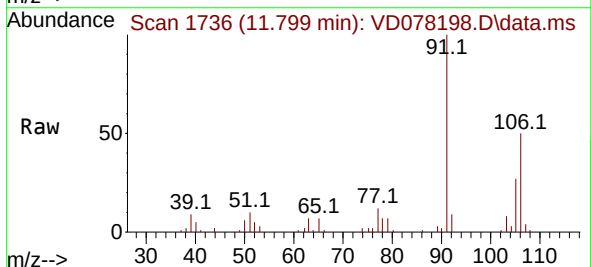
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

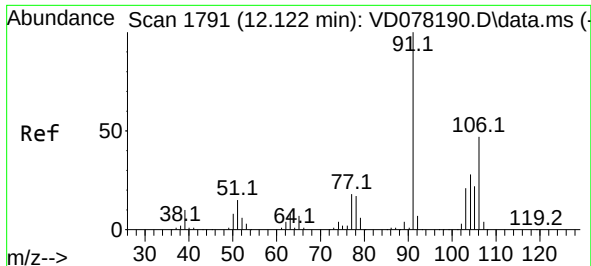
Tgt Ion: 91 Resp: 40018
Ion Ratio Lower Upper
91 100
106 28.9 26.5 39.7



#68
m/p-Xylenes
Concen: 8.657 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion:106 Resp: 29308
Ion Ratio Lower Upper
106 100
91 193.7 147.0 220.6





#69

o-Xylene

Concen: 4.224 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

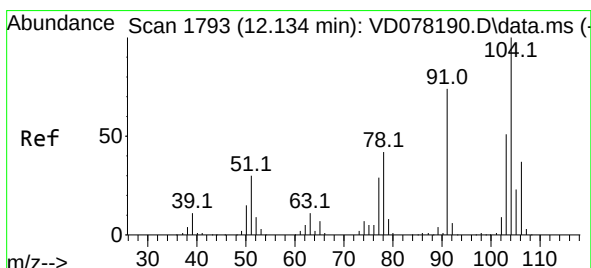
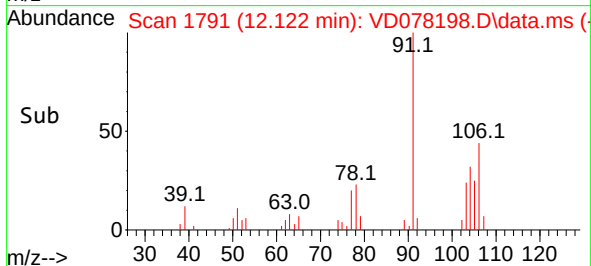
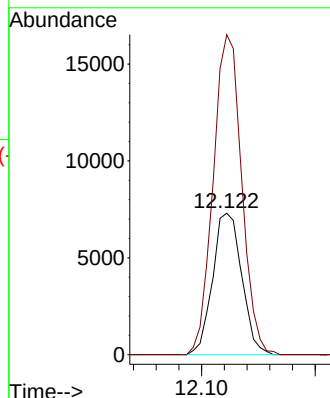
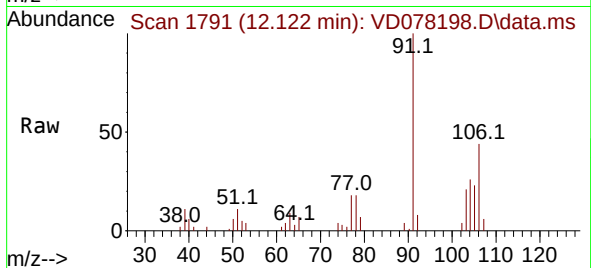
VSTDIC005

Tgt Ion:106 Resp: 12977

Ion Ratio Lower Upper

106 100

91 221.7 97.9 293.6



#70

Styrene

Concen: 4.345 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

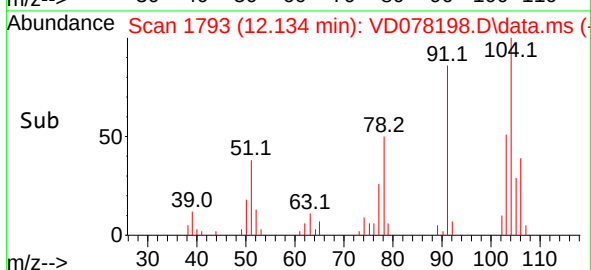
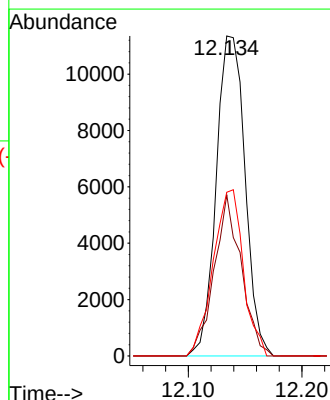
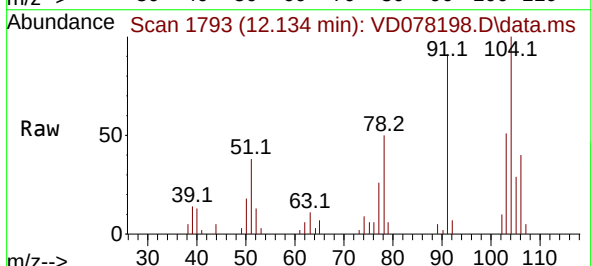
Tgt Ion:104 Resp: 20006

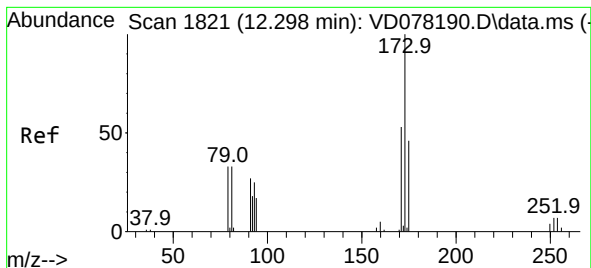
Ion Ratio Lower Upper

104 100

78 47.3 33.2 49.8

103 54.2 43.6 65.4





#71

Bromoform

Concen: 4.502 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

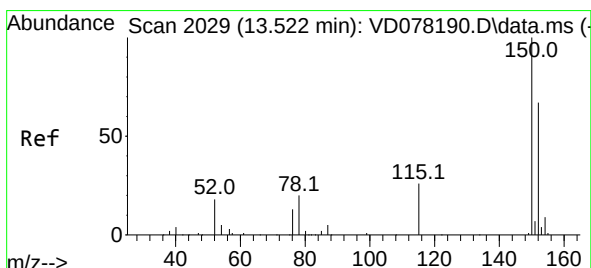
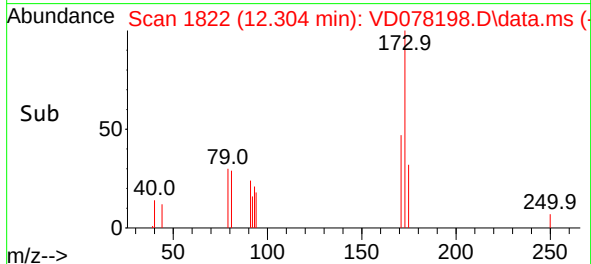
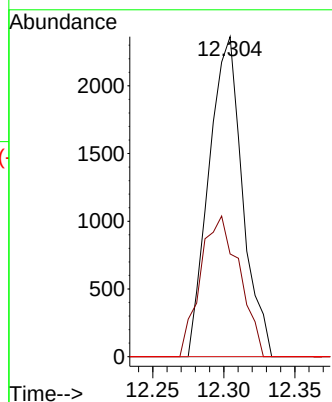
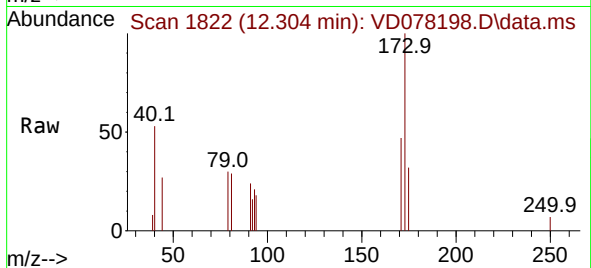
Tgt Ion:173 Resp: 3881

Ion Ratio Lower Upper

173 100

175 51.2 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

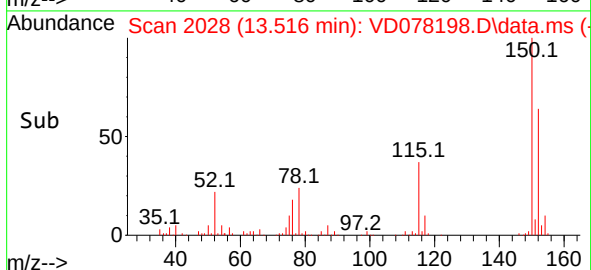
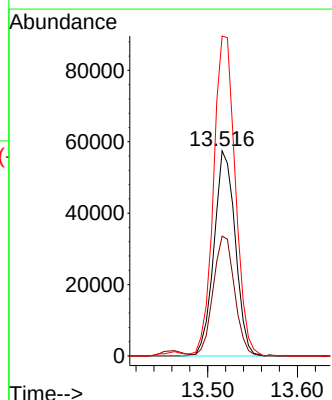
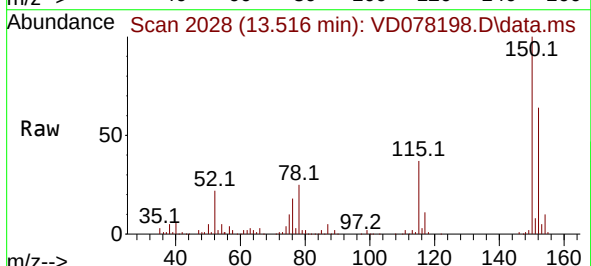
Tgt Ion:152 Resp: 94582

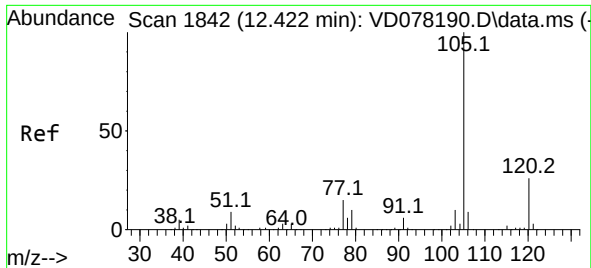
Ion Ratio Lower Upper

152 100

115 58.9 27.1 81.3

150 158.9 0.0 353.6

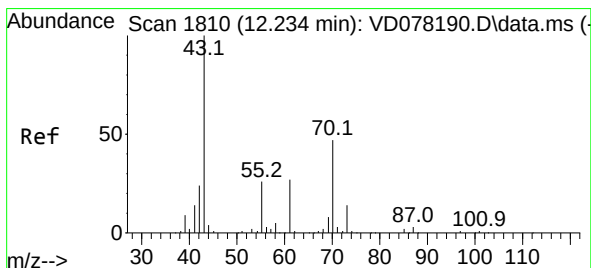
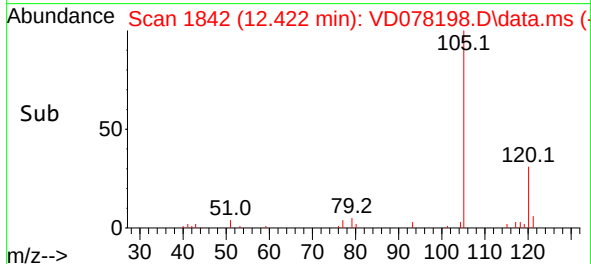
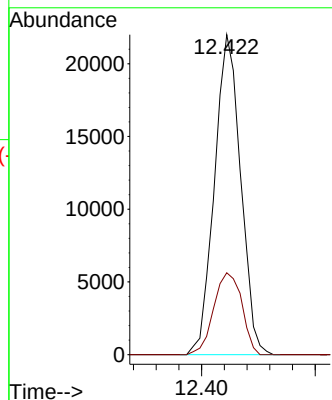
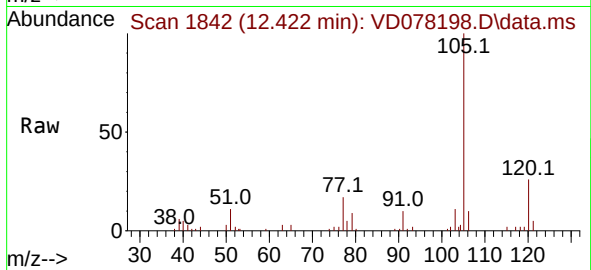




#73
Isopropylbenzene
Concen: 4.732 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

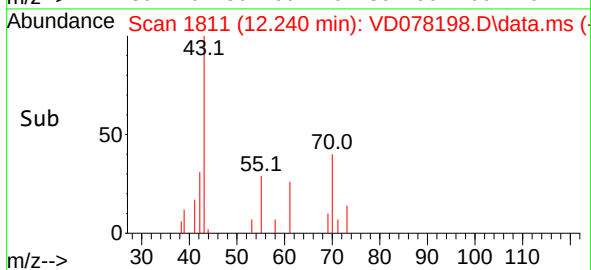
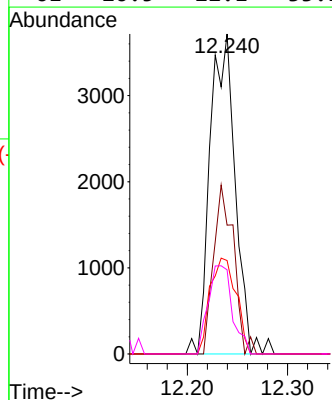
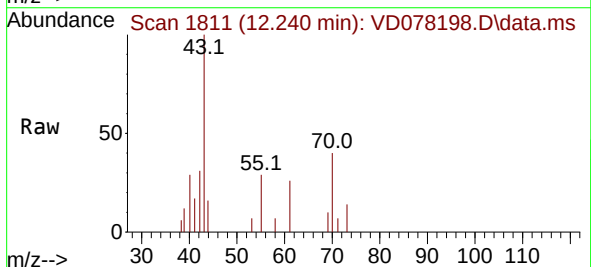
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

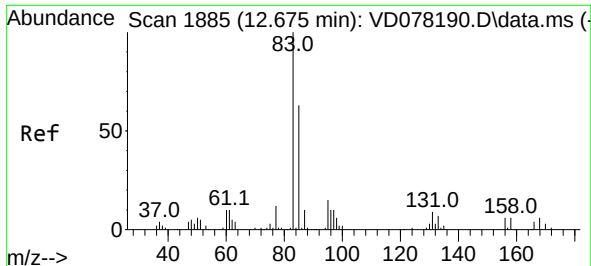
Tgt Ion:105 Resp: 35190
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 4.563 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 43 Resp: 6492
Ion Ratio Lower Upper
43 100
70 42.0 45.0 67.4#
55 30.9 23.8 35.6
61 26.5 22.1 33.1

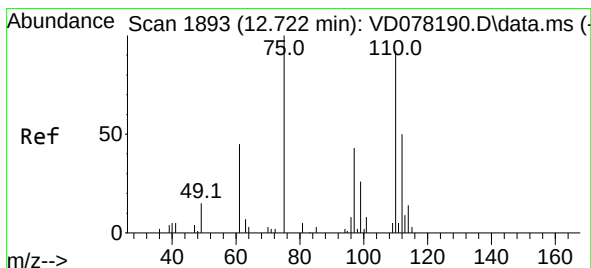
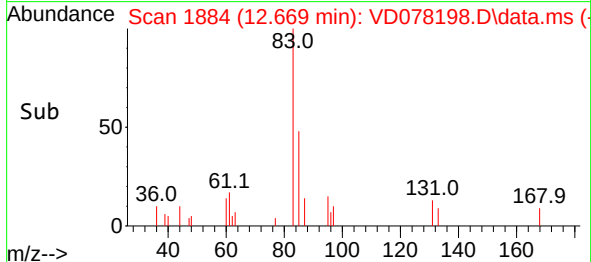
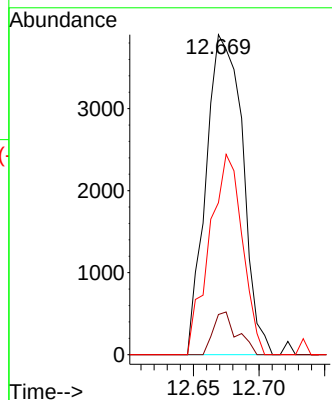
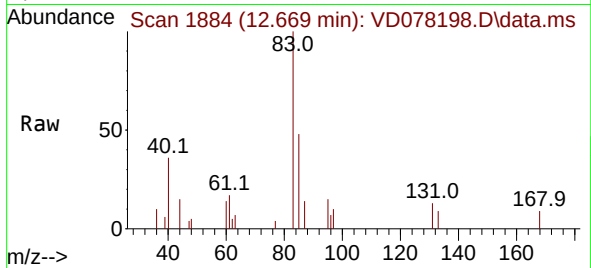




#75
1,1,2,2-Tetrachloroethane
Concen: 5.472 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

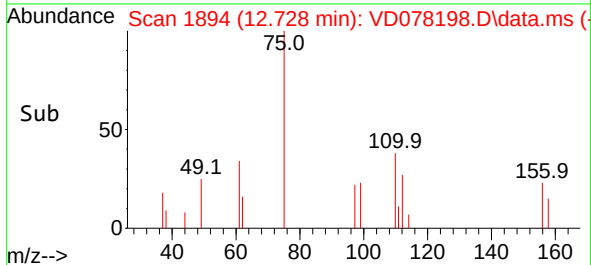
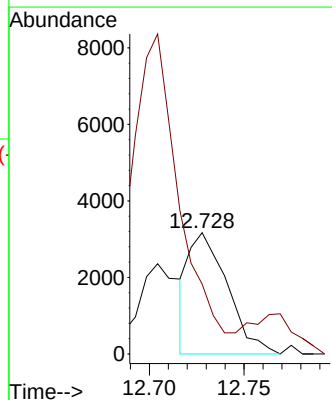
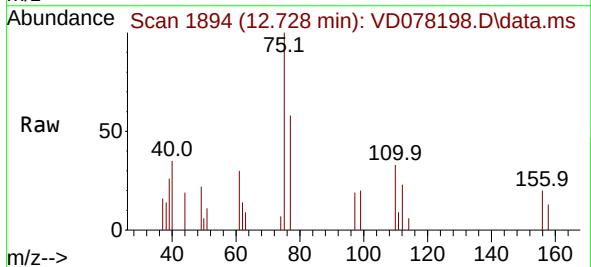
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

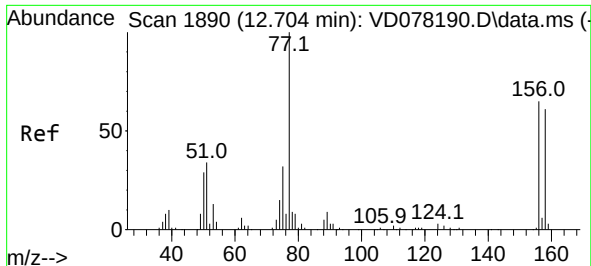
Tgt Ion: 83 Resp: 7572
Ion Ratio Lower Upper
83 100
131 8.7 5.1 15.3
85 56.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 4.972 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 75 Resp: 4510
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

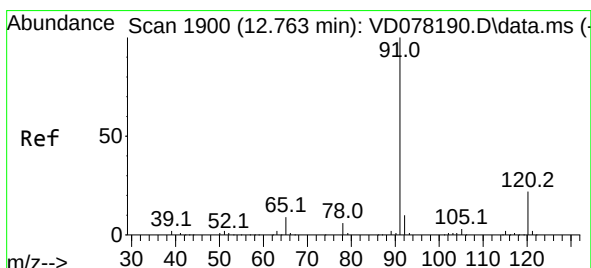
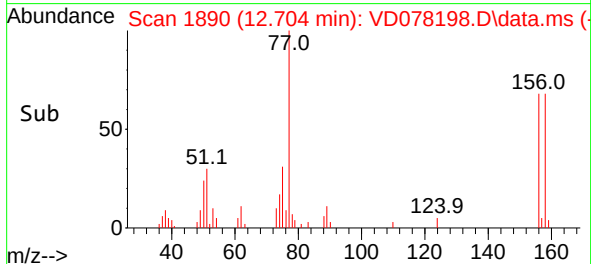
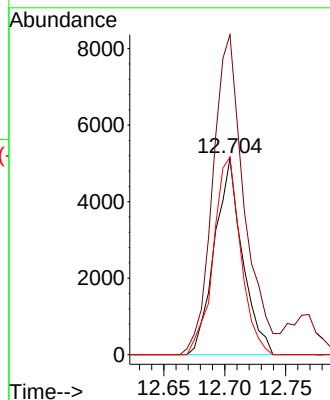
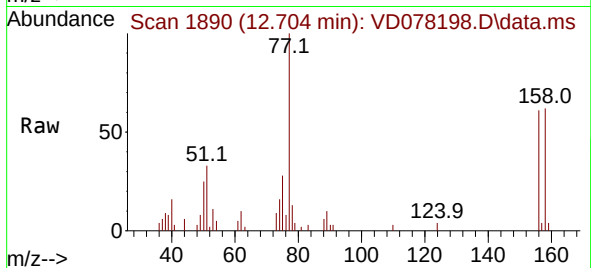




#77
Bromobenzene
Concen: 5.012 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

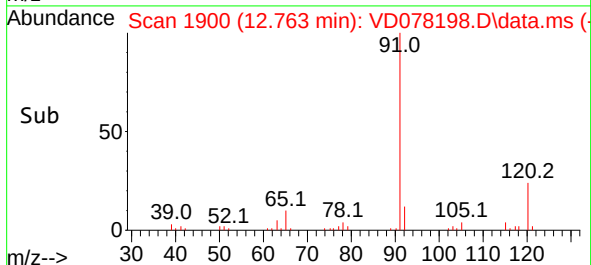
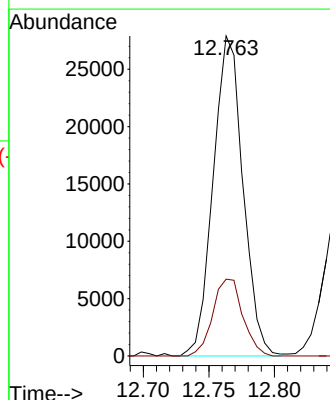
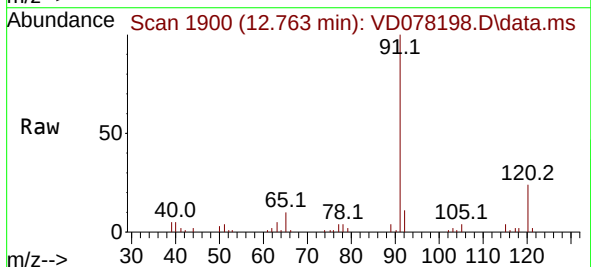
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

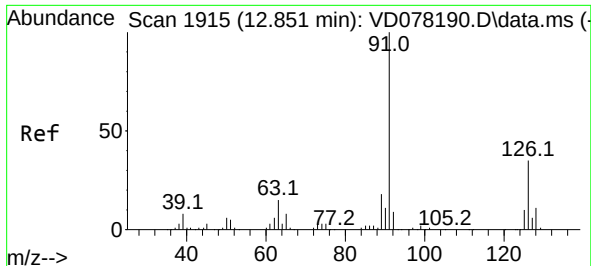
Tgt Ion:156 Resp: 8172
Ion Ratio Lower Upper
156 100
77 185.3 76.8 230.4
158 98.7 48.6 145.9



#78
n-propylbenzene
Concen: 4.781 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 91 Resp: 44098
Ion Ratio Lower Upper
91 100
120 24.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.831 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

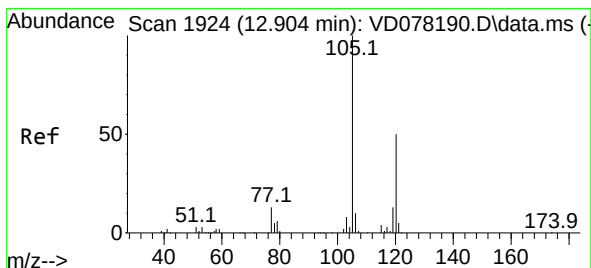
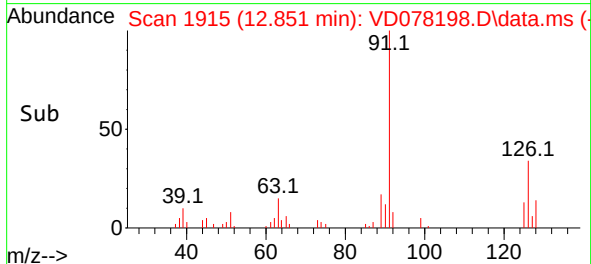
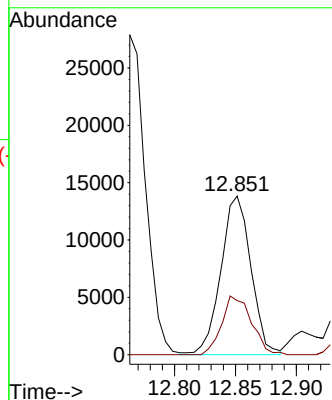
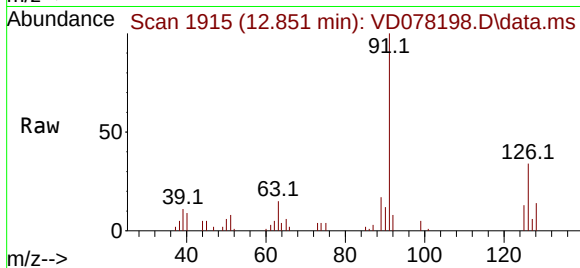
VSTDIC005

Tgt Ion: 91 Resp: 23780

Ion Ratio Lower Upper

91 100

126 36.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 4.545 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078198.D

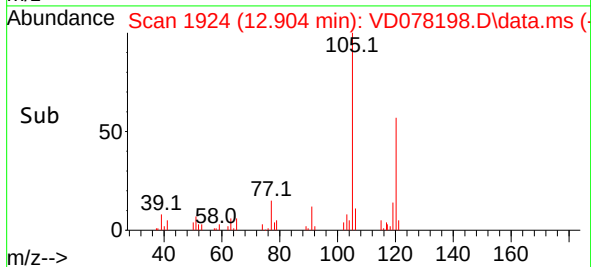
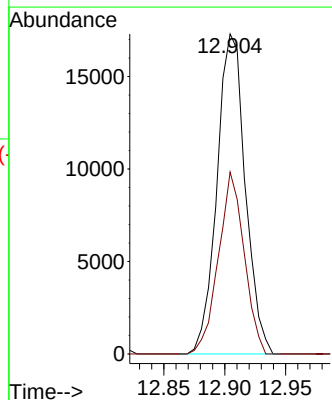
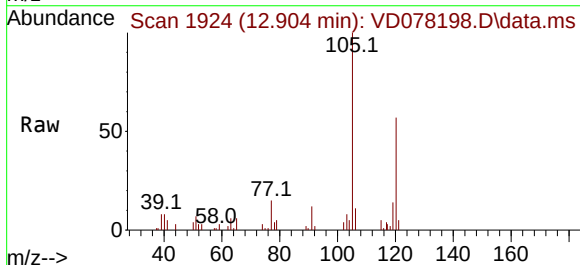
Acq: 22 Jan 2024 18:12

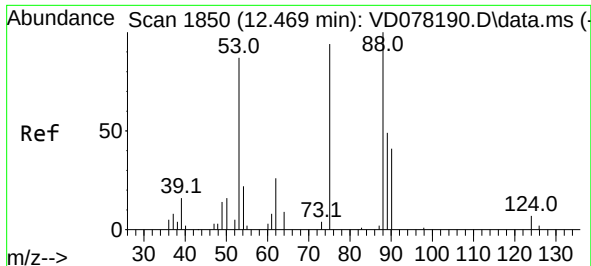
Tgt Ion: 105 Resp: 28026

Ion Ratio Lower Upper

105 100

120 51.6 26.4 79.2

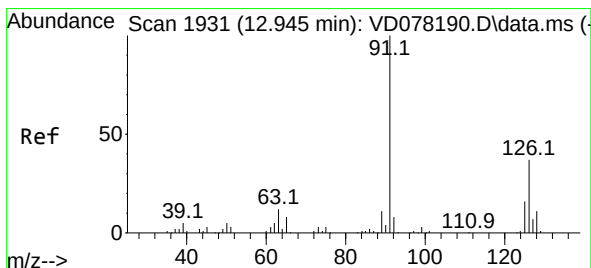
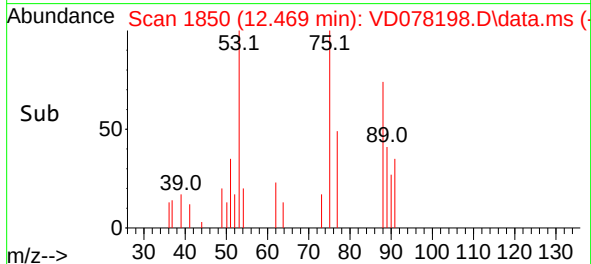
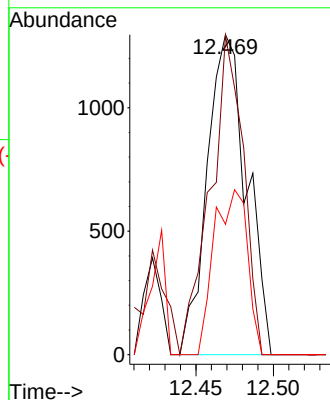
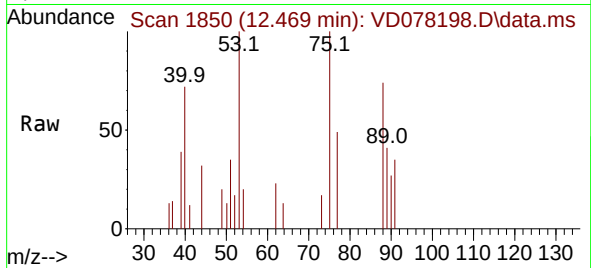




#81
trans-1,4-Dichloro-2-butene
Concen: 5.457 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

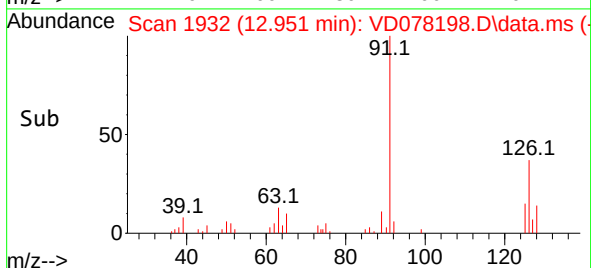
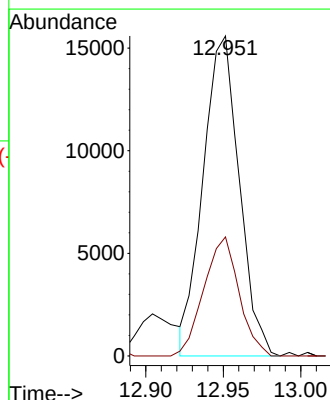
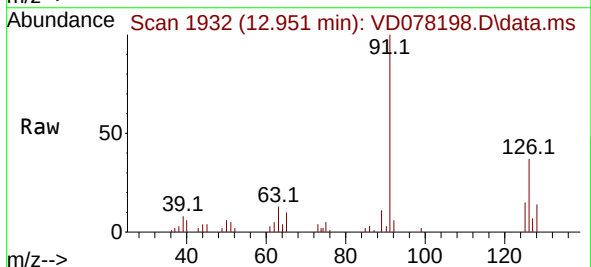
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

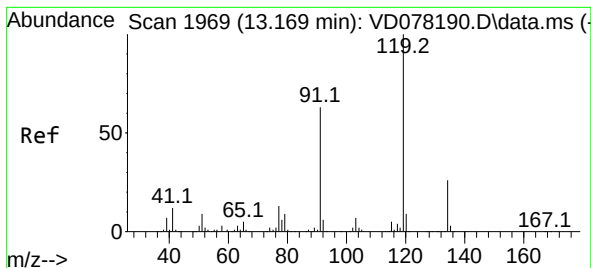
Tgt Ion: 75 Resp: 2298
Ion Ratio Lower Upper
75 100
53 83.2 63.0 94.4
89 43.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.869 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078198.D
Acq: 22 Jan 2024 18:12

Tgt Ion: 91 Resp: 25262
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.670 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

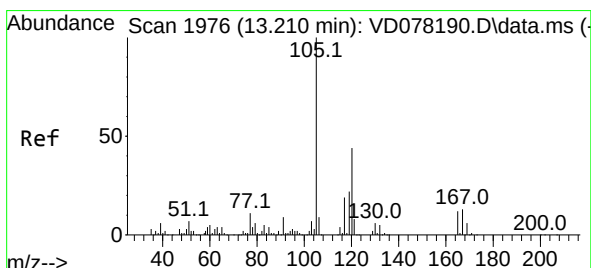
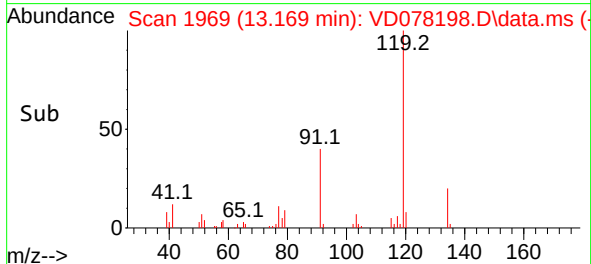
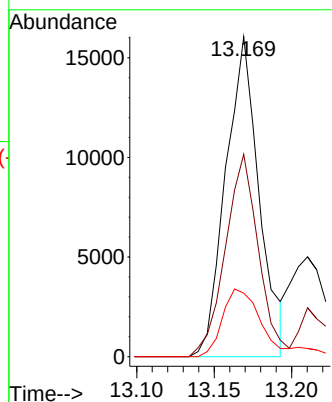
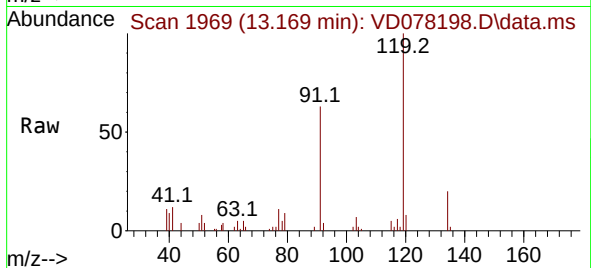
Tgt Ion:119 Resp: 24072

Ion Ratio Lower Upper

119 100

91 62.7 29.3 87.8

134 23.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.606 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078198.D

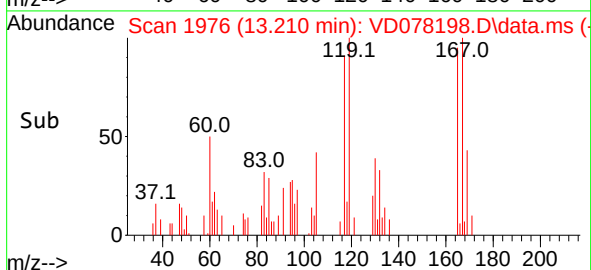
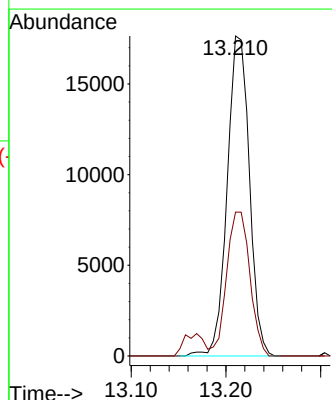
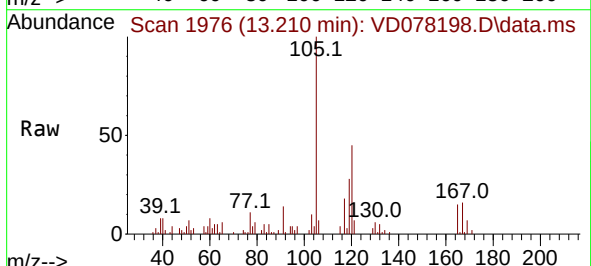
Acq: 22 Jan 2024 18:12

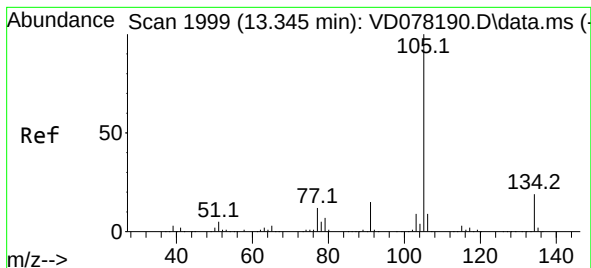
Tgt Ion:105 Resp: 28723

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9





#85

sec-Butylbenzene

Concen: 4.928 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

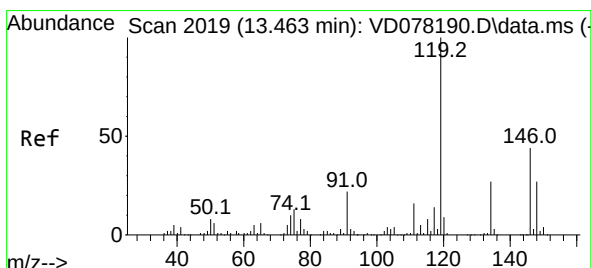
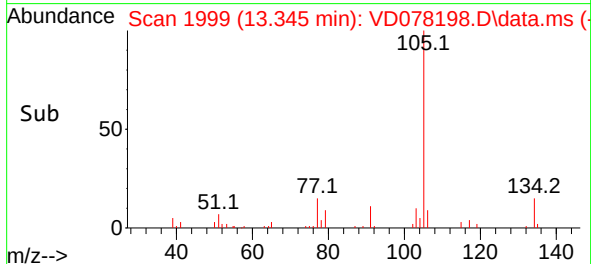
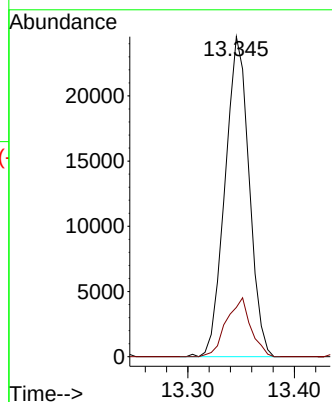
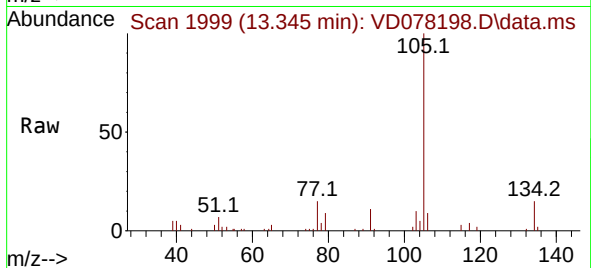
VSTDICC005

Tgt Ion:105 Resp: 38463

Ion Ratio Lower Upper

105 100

134 18.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 4.544 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

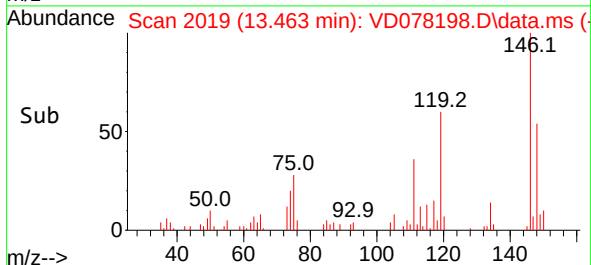
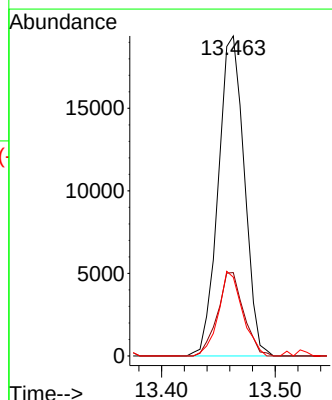
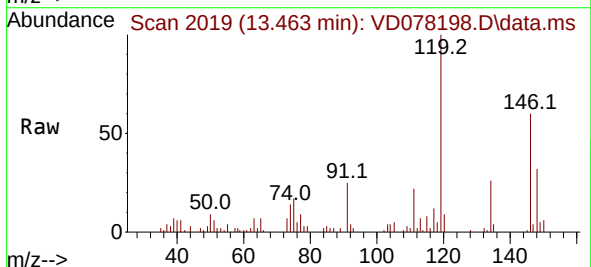
Tgt Ion:119 Resp: 30862

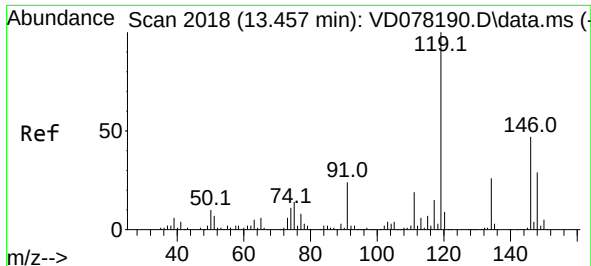
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 24.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.069 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

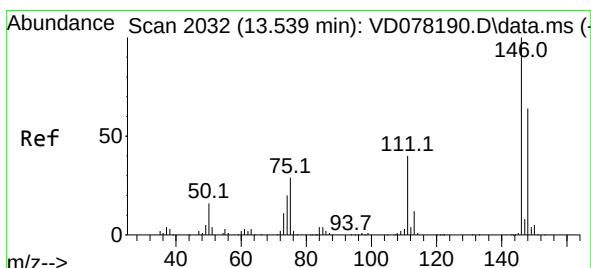
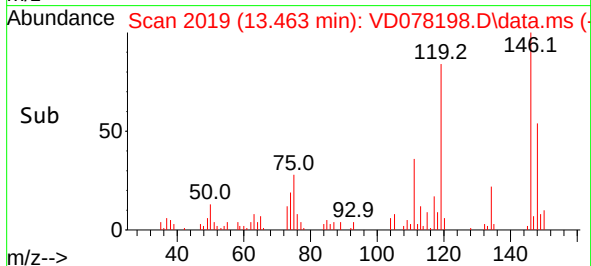
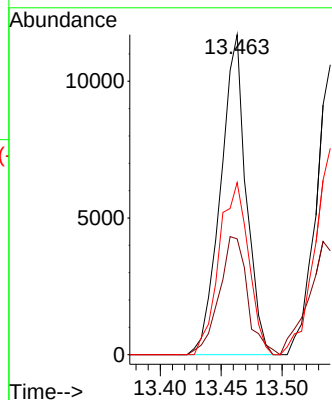
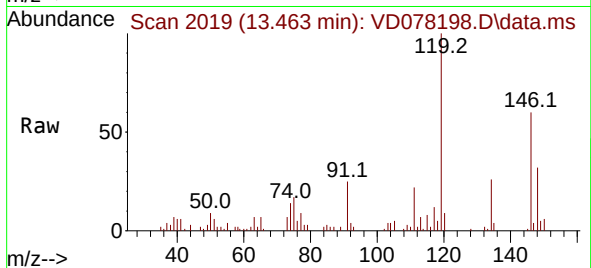
Tgt Ion:146 Resp: 17112

Ion Ratio Lower Upper

146 100

111 40.8 17.9 53.8

148 62.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 5.108 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

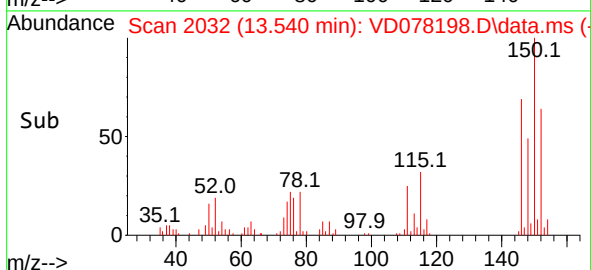
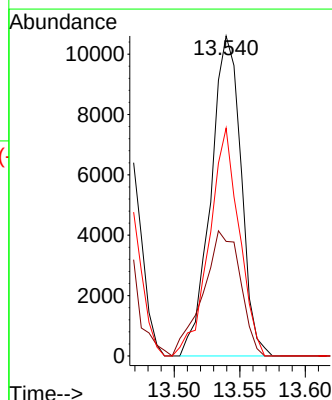
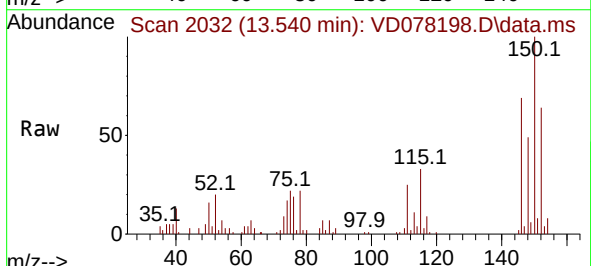
Tgt Ion:146 Resp: 17036

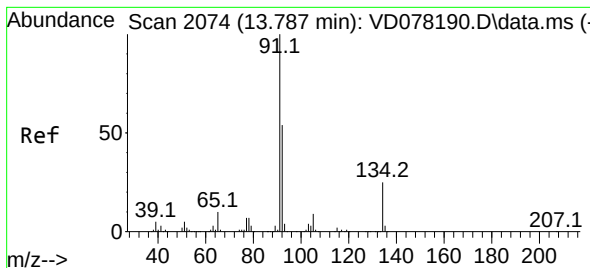
Ion Ratio Lower Upper

146 100

111 47.9 17.4 52.3

148 70.2 31.7 95.1





#89

n-Butylbenzene

Concen: 4.776 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

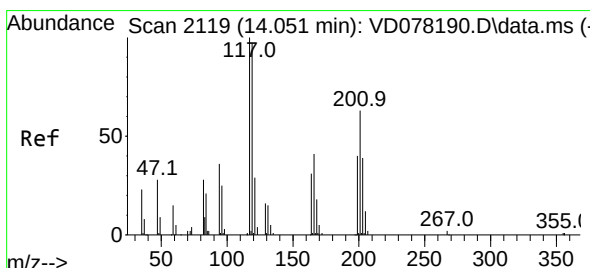
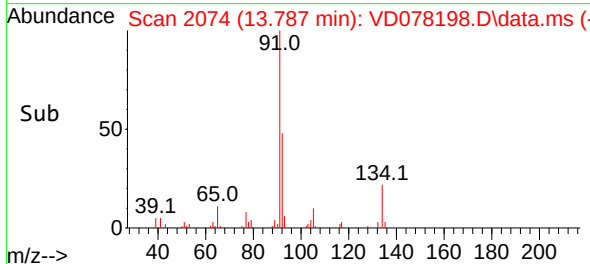
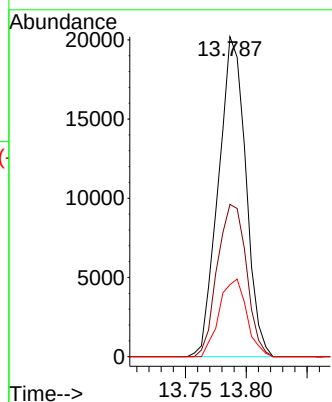
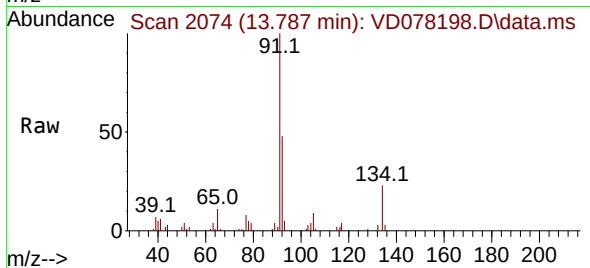
Tgt Ion: 91 Resp: 31577

Ion Ratio Lower Upper

91 100

92 50.6 26.5 79.5

134 24.4 13.8 41.3



#90

Hexachloroethane

Concen: 5.037 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078198.D

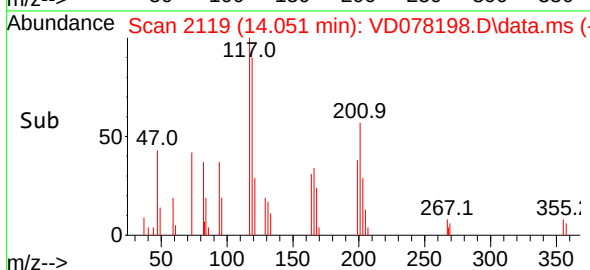
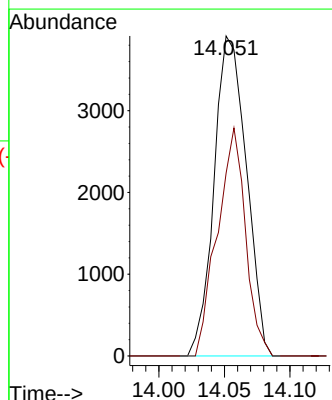
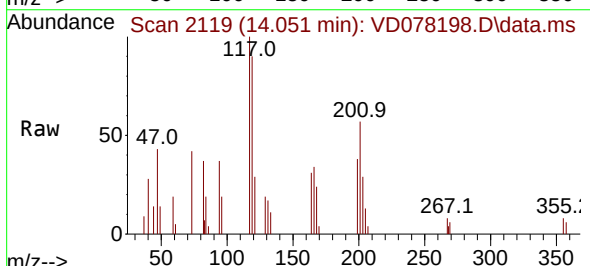
Acq: 22 Jan 2024 18:12

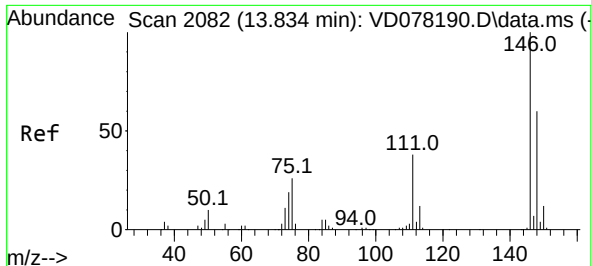
Tgt Ion: 117 Resp: 6711

Ion Ratio Lower Upper

117 100

201 62.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 5.009 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

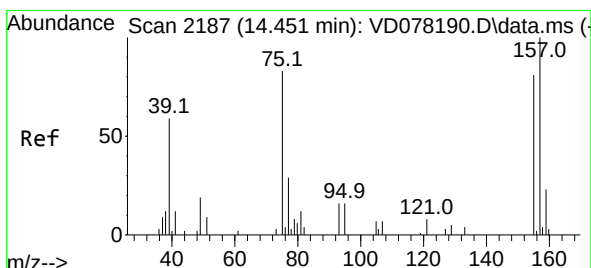
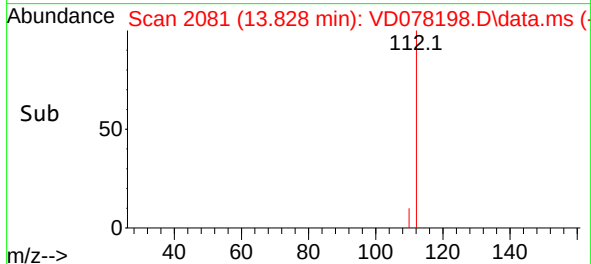
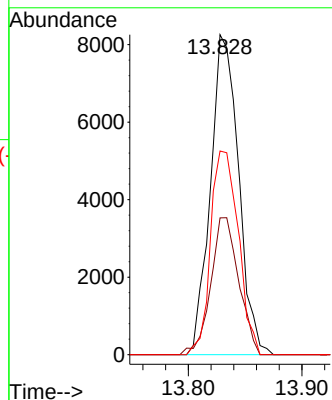
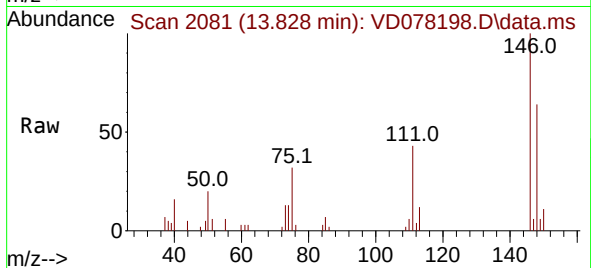
Tgt Ion:146 Resp: 14220

Ion Ratio Lower Upper

146 100

111 42.4 18.3 54.8

148 62.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.006 ug/l

RT: 14.440 min Scan# 2185

Delta R.T. -0.012 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

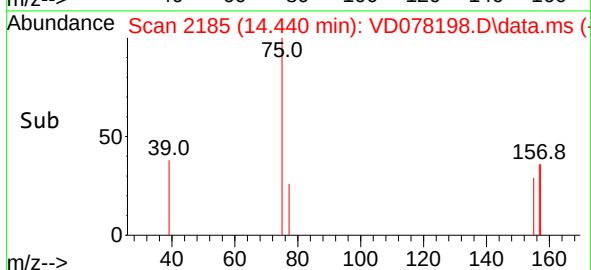
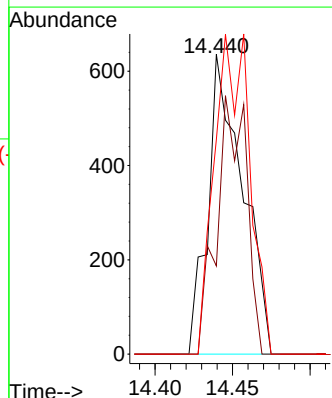
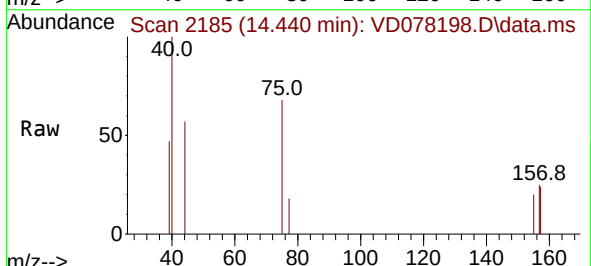
Tgt Ion: 75 Resp: 990

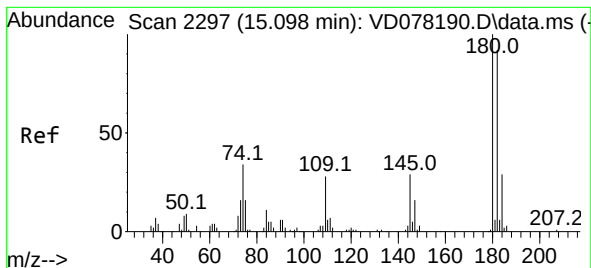
Ion Ratio Lower Upper

75 100

155 73.5 47.9 143.8

157 108.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.805 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

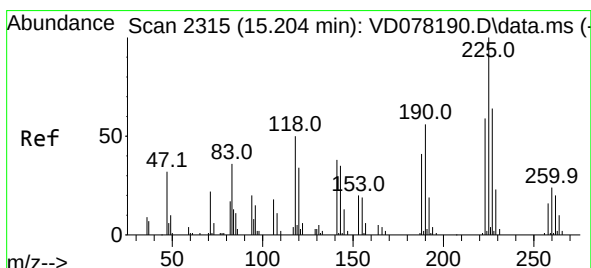
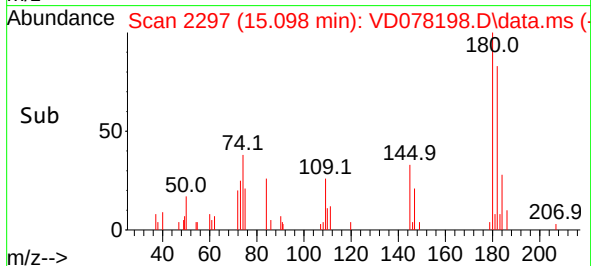
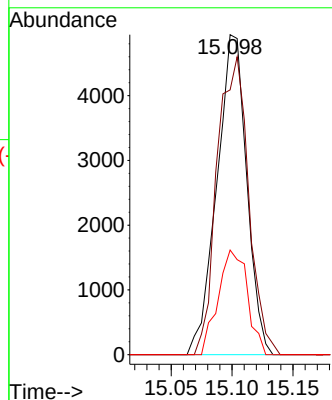
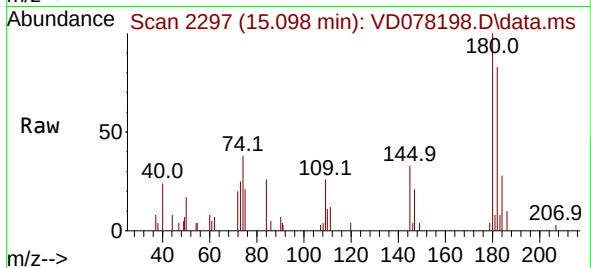
Tgt Ion:180 Resp: 8432

Ion Ratio Lower Upper

180 100

182 98.1 48.5 145.6

145 32.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 4.658 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

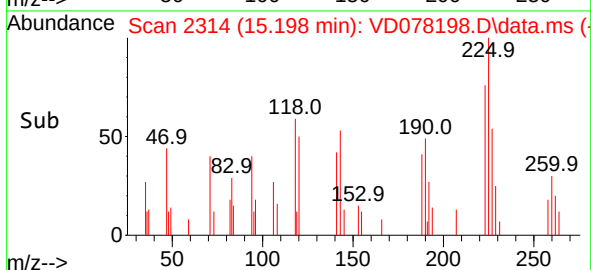
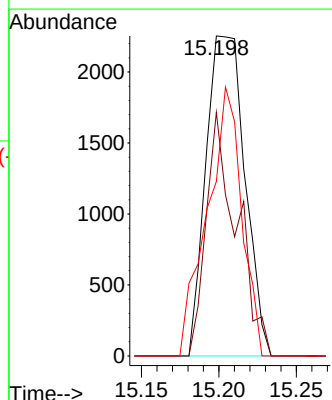
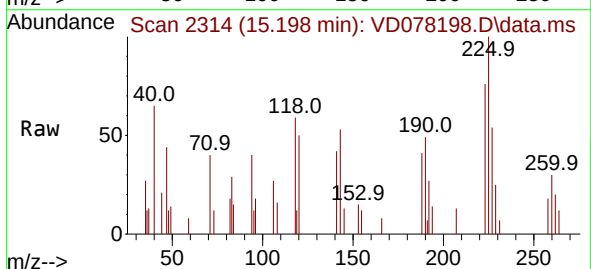
Tgt Ion:225 Resp: 3950

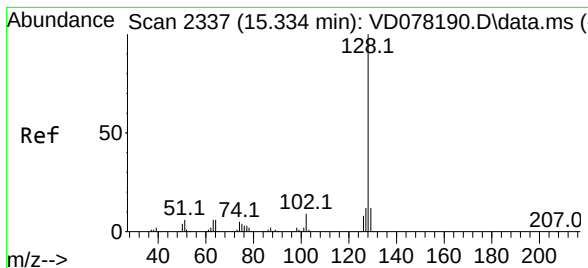
Ion Ratio Lower Upper

225 100

223 60.0 31.6 94.8

227 73.9 31.7 95.1





#95

Naphthalene

Concen: 4.430 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

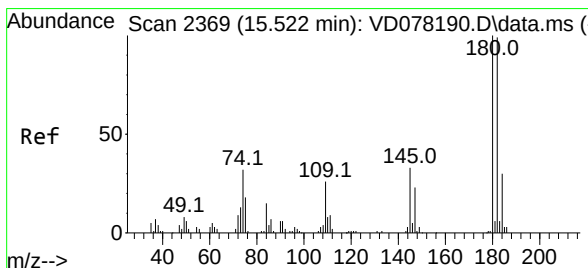
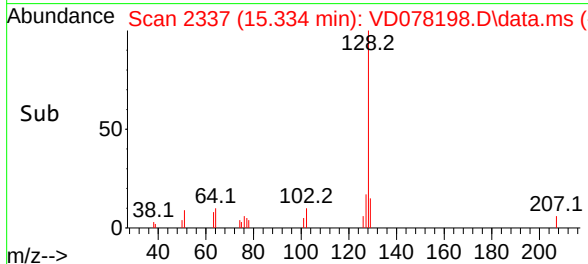
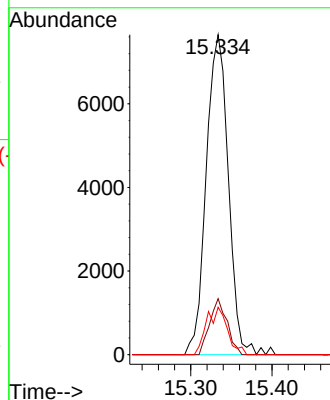
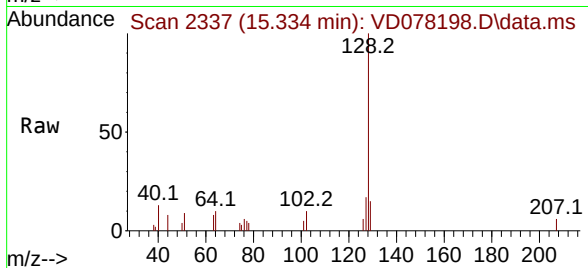
Tgt Ion:128 Resp: 14534

Ion Ratio Lower Upper

128 100

127 17.5 10.5 15.7#

129 14.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 4.831 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078198.D

Acq: 22 Jan 2024 18:12

Tgt Ion:180 Resp: 7113

Ion Ratio Lower Upper

180 100

182 99.2 47.3 141.9

145 33.4 15.1 45.3

