

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073547.D
 Acq On : 13 Jun 2022 15:42
 Operator : VA/SY
 Sample : N3299-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COM-4RE

Quant Time: Jun 14 01:28:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

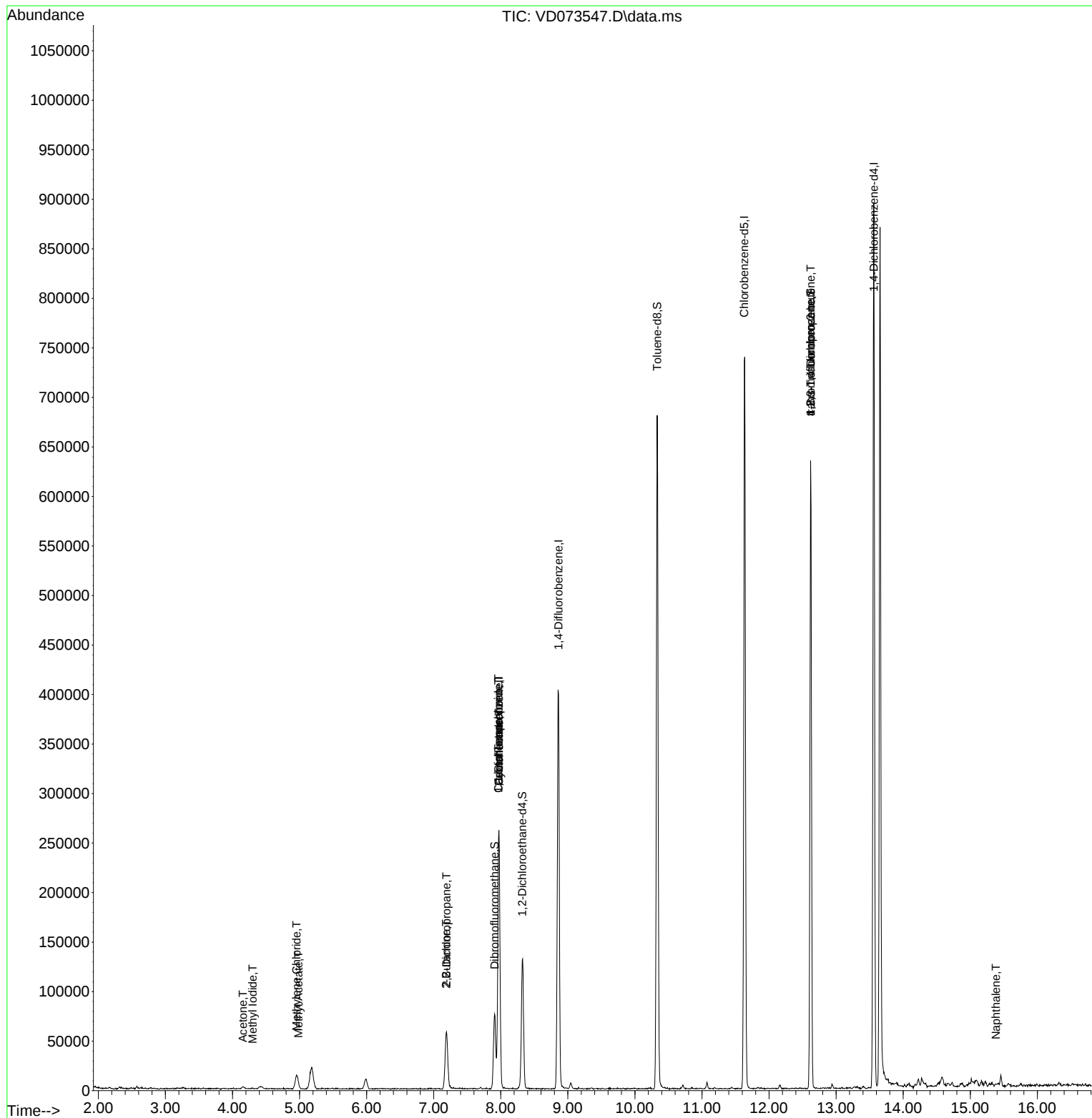
Internal Standards						
1) Pentafluorobenzene	7.973	168	192481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	358674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	441220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	234415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	109635	53.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.160%	
35) Dibromofluoromethane	7.908	113	57022	24.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 49.440%#	
50) Toluene-d8	10.332	98	463826	53.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.620	95	205783	65.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 130.000%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	227	4.261	ug/l #	38
11) Tert butyl alcohol	5.173	59	18753	Below Cal	#	74
16) Acetone	4.156	43	3776	10.382	ug/l #	78
18) Methyl Acetate	4.985	43	54	1.420	ug/l #	55
20) Methylene Chloride	4.956	84	11282	1.801	ug/l #	82
25) 2-Butanone	7.185	43	1688	3.154	ug/l #	84
26) 2,2-Dichloropropane	7.191	77	4212	1.215	ug/l #	54
31) Cyclohexane	7.973	56	4416	1.269	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	15721	4.538	ug/l #	52
38) Carbon Tetrachloride	7.967	117	19983	5.514	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	102994	45.227	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	102994	106.156	ug/l #	7
95) Naphthalene	15.384	128	932	4.305	ug/l #	70

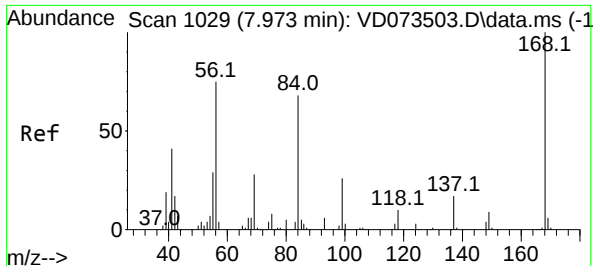
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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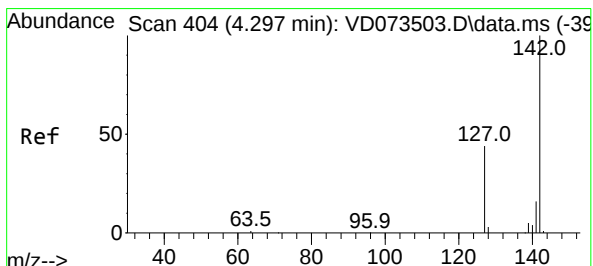
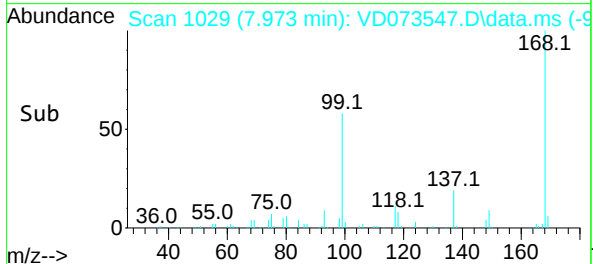
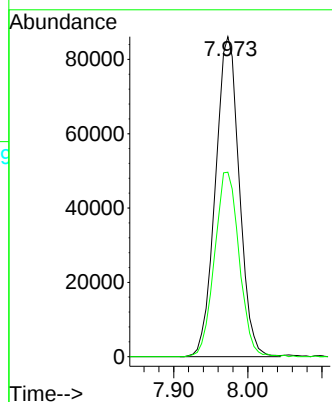
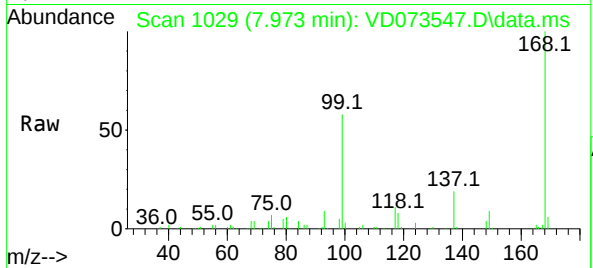




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

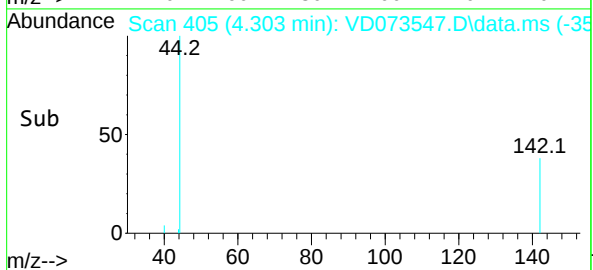
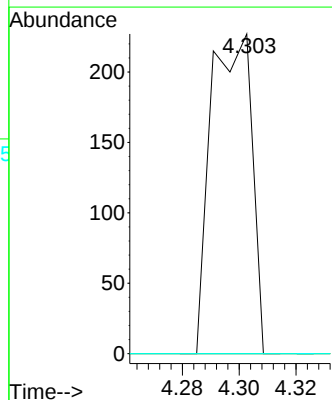
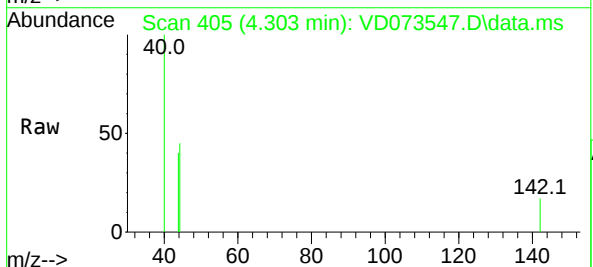
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

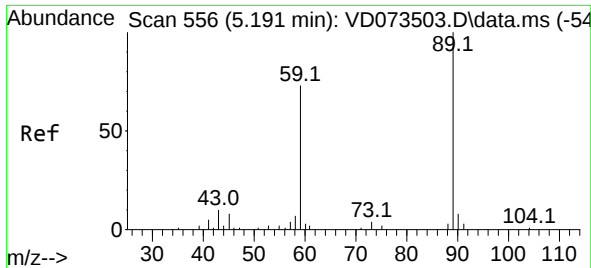
Tgt Ion:168 Resp: 192481
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#10
Methyl Iodide
Concen: 4.261 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

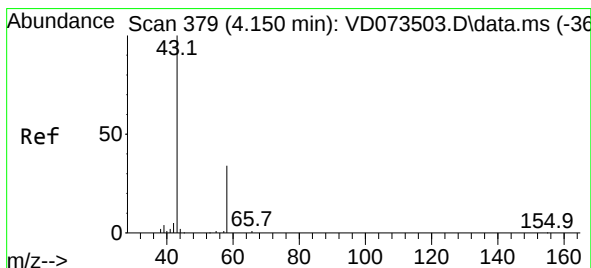
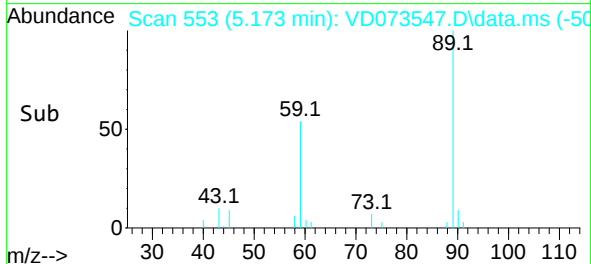
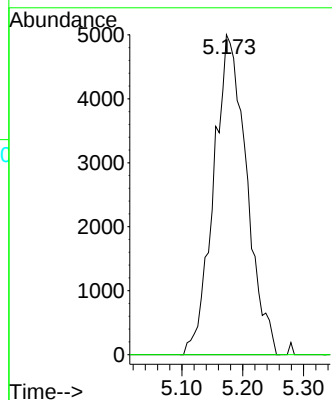
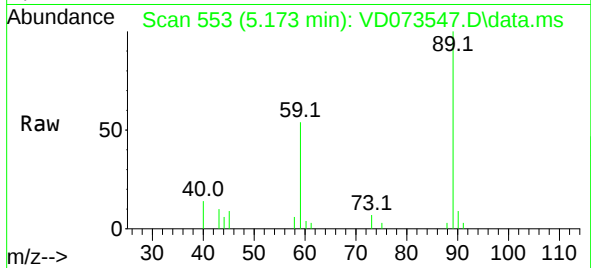




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

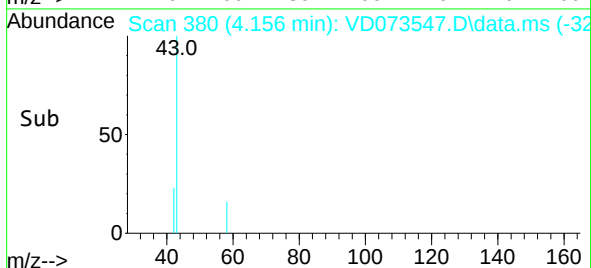
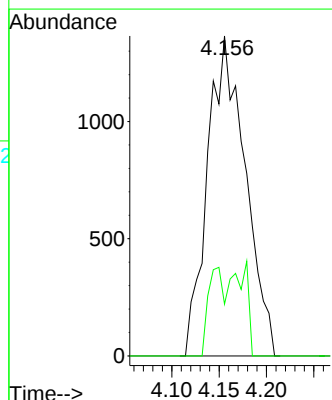
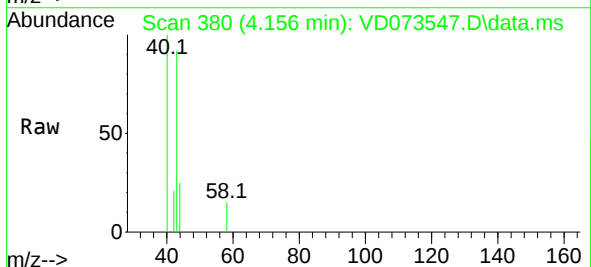
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

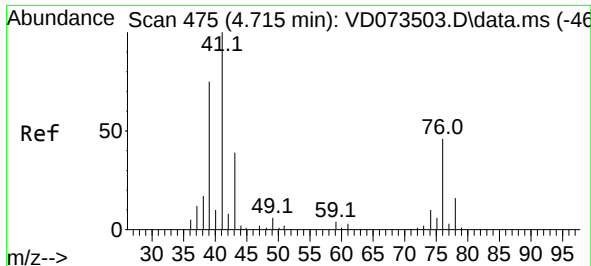
Tgt Ion: 59 Resp: 18753
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 10.382 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 43 Resp: 3776
Ion Ratio Lower Upper
43 100
58 16.2 22.1 33.1#

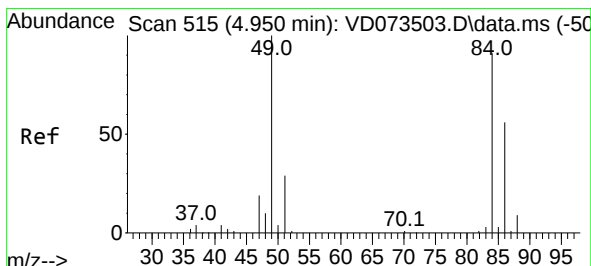
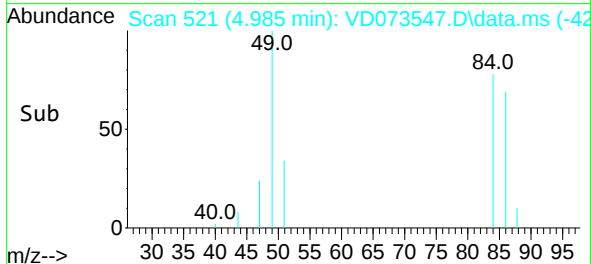
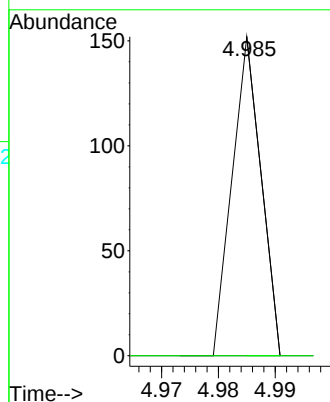
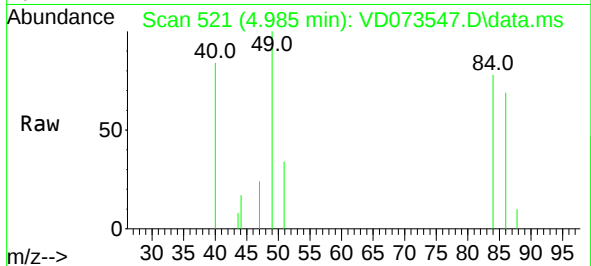




#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.270 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

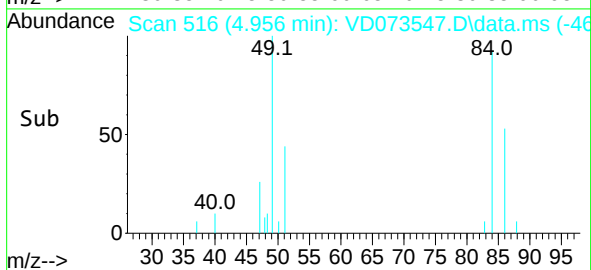
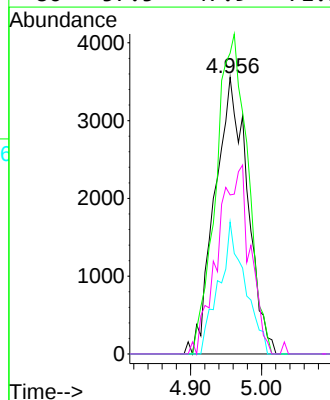
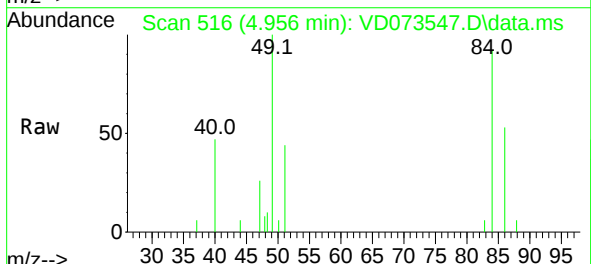
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

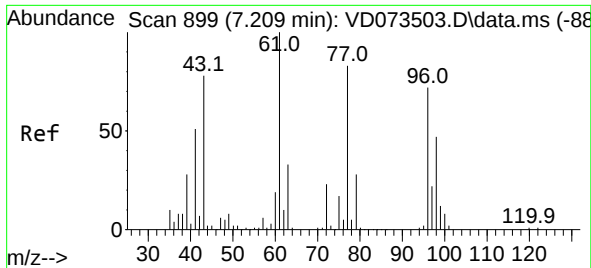
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.801 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 84 Resp: 11282
Ion Ratio Lower Upper
84 100
49 108.8 112.8 169.2#
51 47.7 32.6 48.8
86 57.5 47.9 71.9

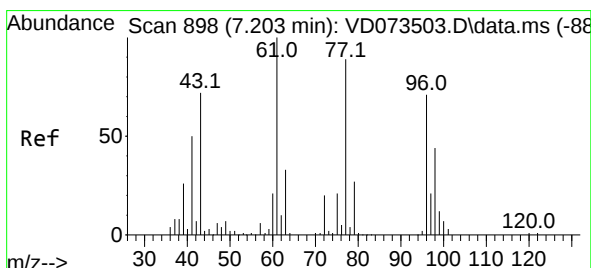
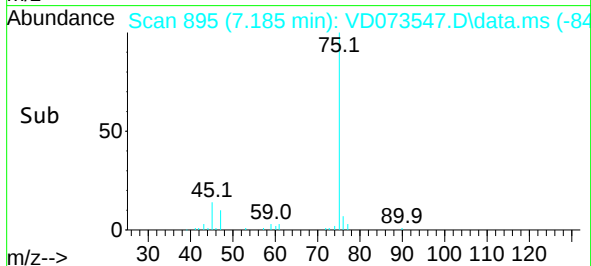
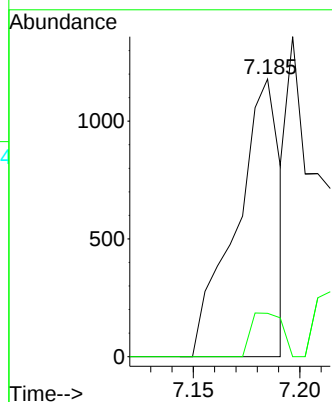
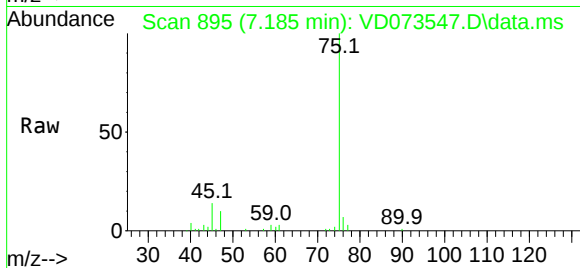




#25
2-Butanone
Concen: 3.154 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.024 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

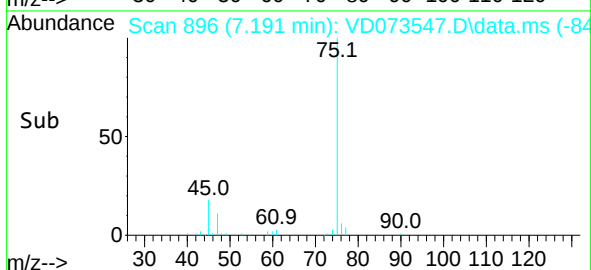
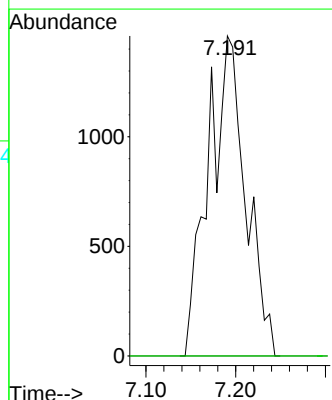
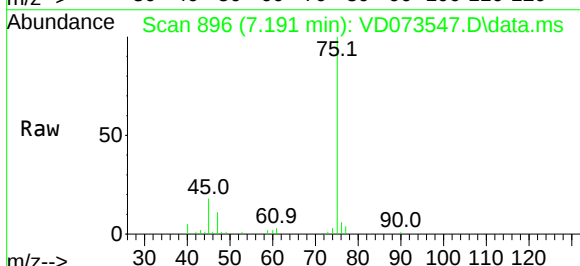
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

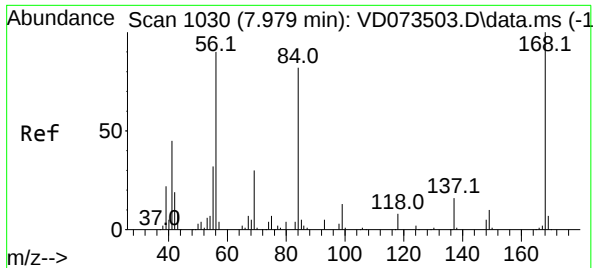
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
72 15.6 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 1.215 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

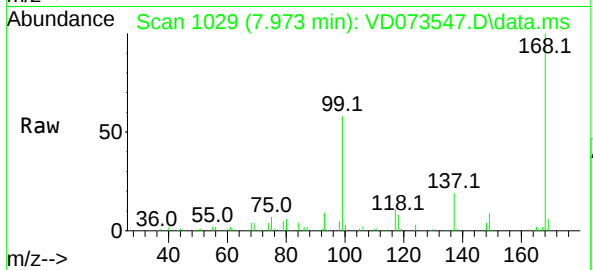
Tgt Ion: 77 Resp: 4212
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



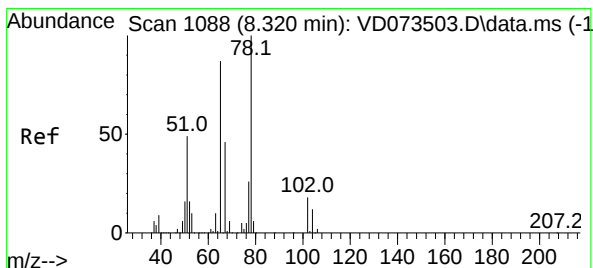
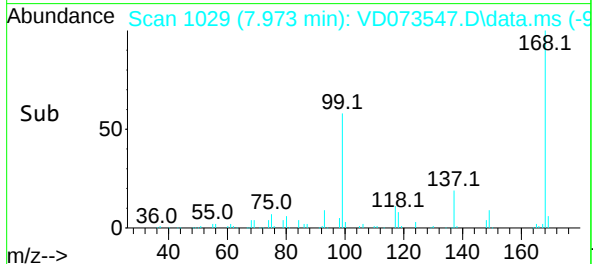
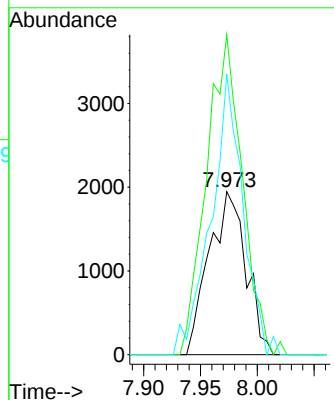


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

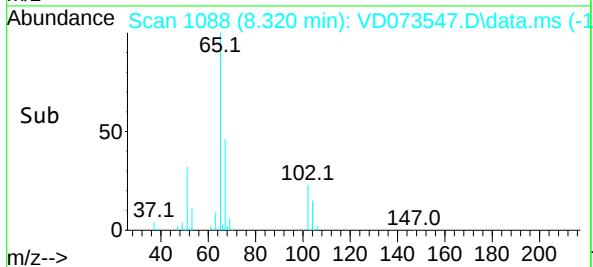
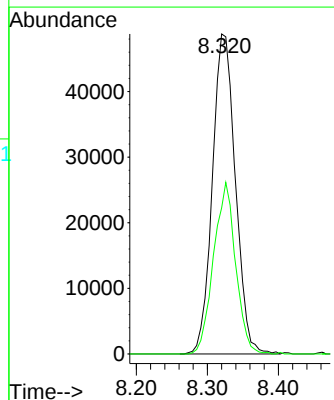
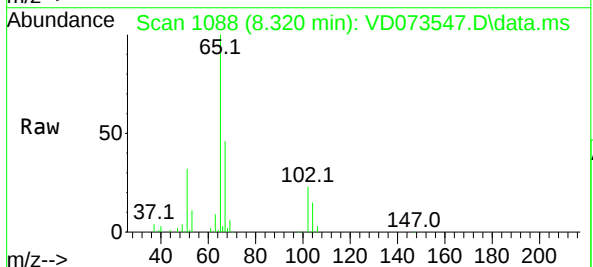


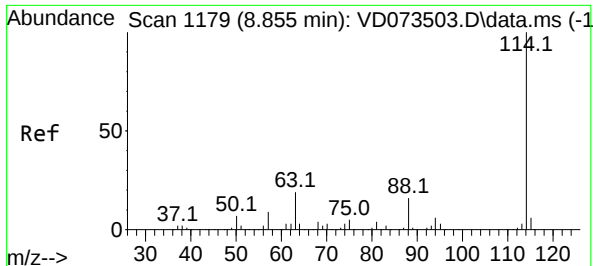
Tgt Ion: 56 Resp: 4416
Ion Ratio Lower Upper
56 100
69 196.2 25.4 38.2#
84 172.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.077 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 65 Resp: 109635
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

COM-4RE

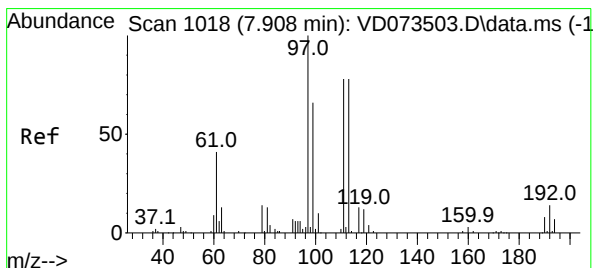
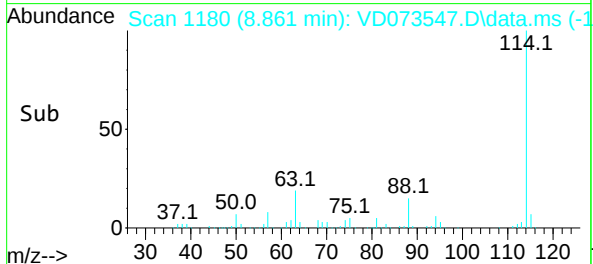
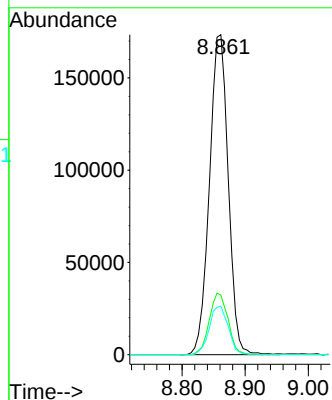
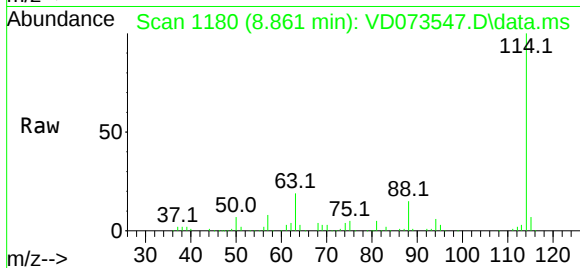
Tgt Ion:114 Resp: 358674

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 24.723 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

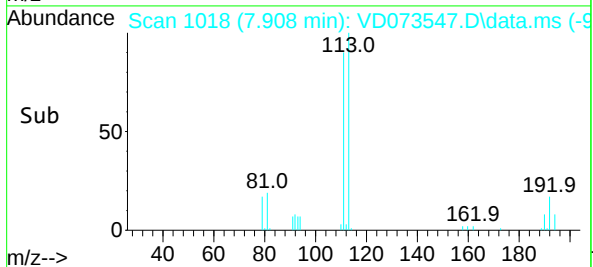
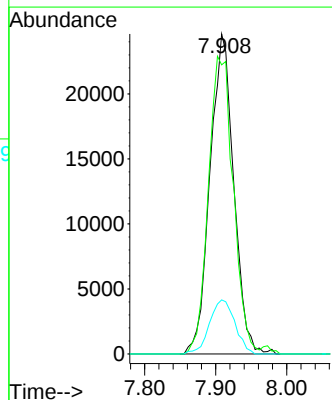
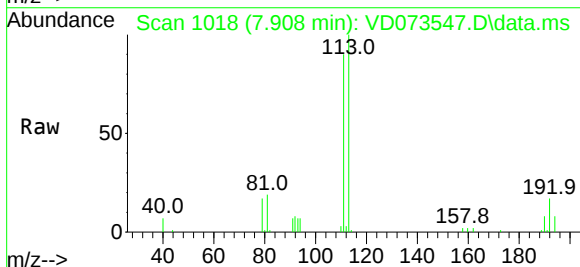
Tgt Ion:113 Resp: 57022

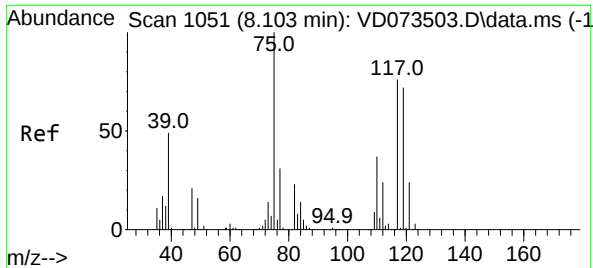
Ion Ratio Lower Upper

113 100

111 97.7 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.538 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

COM-4RE

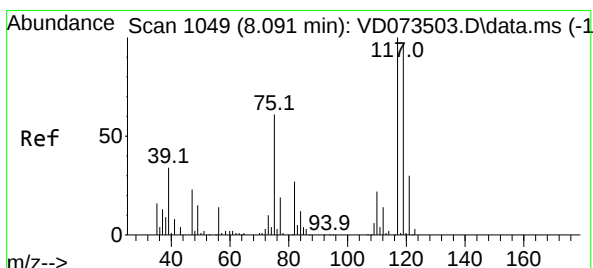
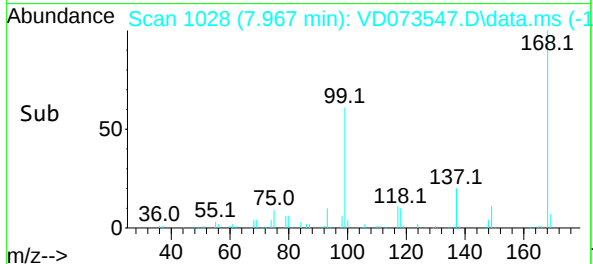
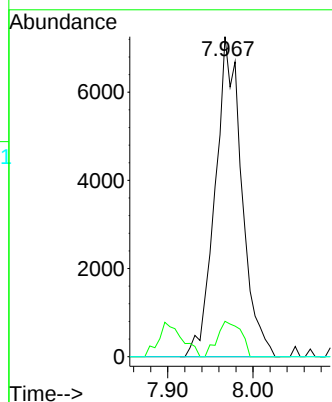
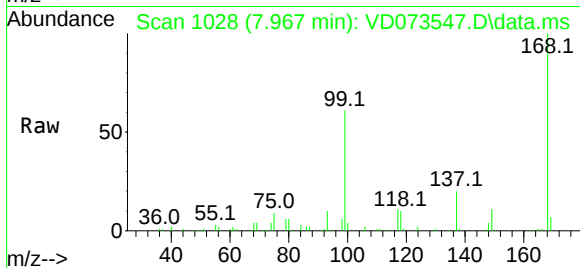
Tgt Ion: 75 Resp: 15721

Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.514 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073547.D

Acq: 13 Jun 2022 15:42

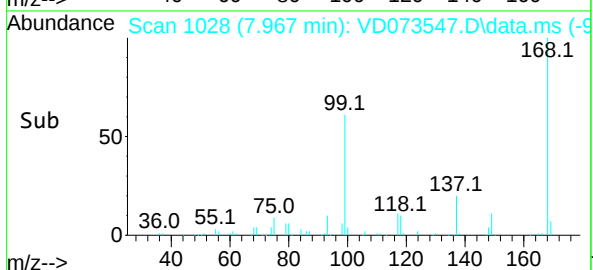
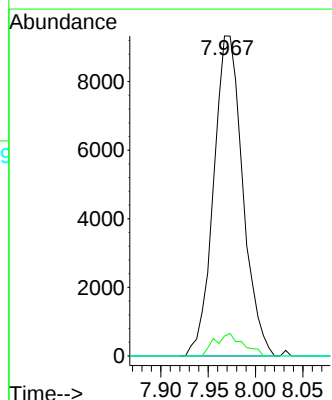
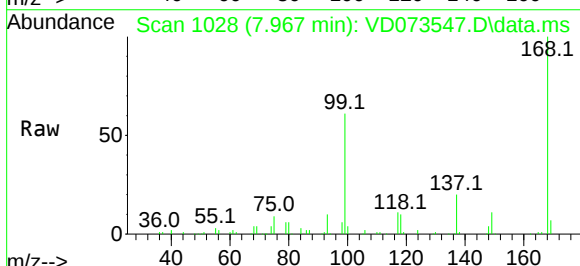
Tgt Ion: 117 Resp: 19983

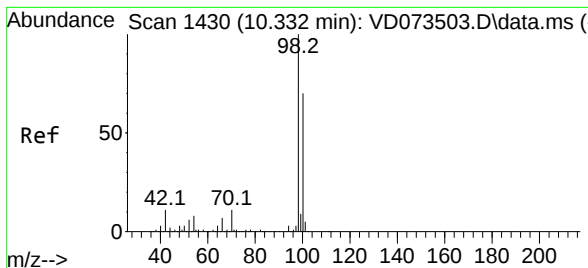
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.5 36.7#

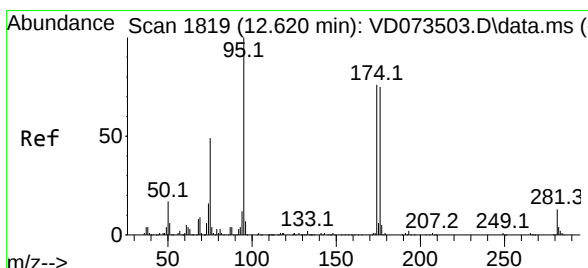
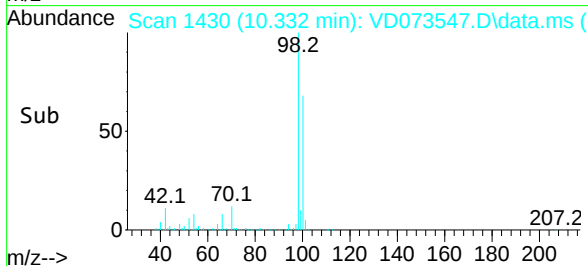
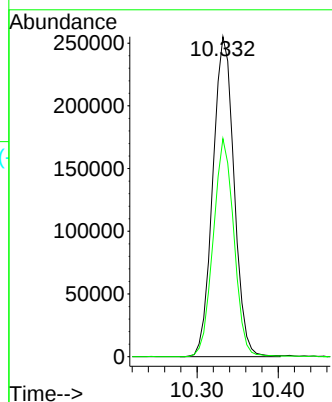
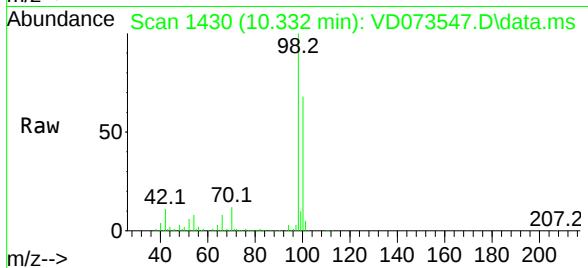




#50
Toluene-d8
Concen: 53.189 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

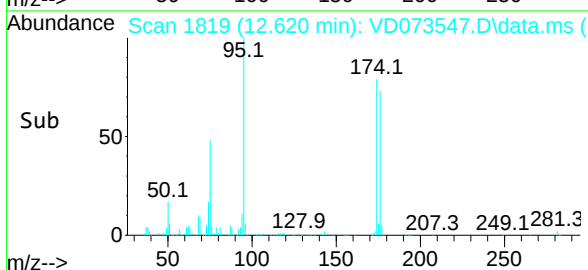
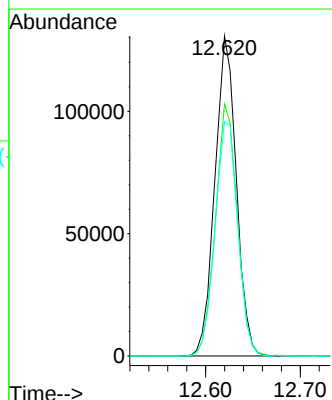
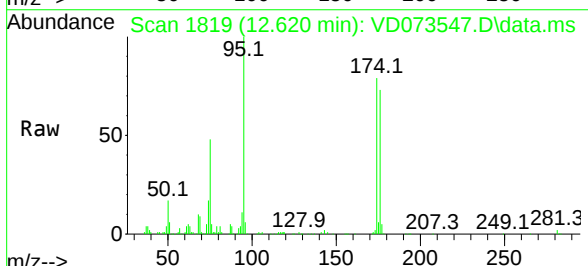
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

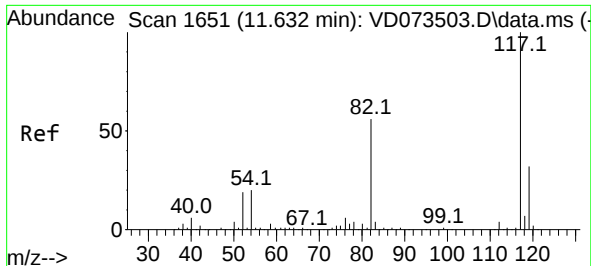
Tgt Ion: 98 Resp: 463826
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 95 Resp: 205783
Ion Ratio Lower Upper
95 100
174 80.7 0.0 152.8
176 77.4 0.0 145.4

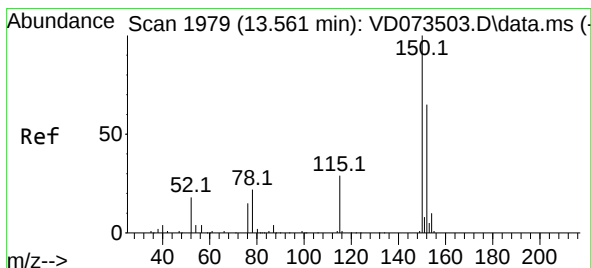
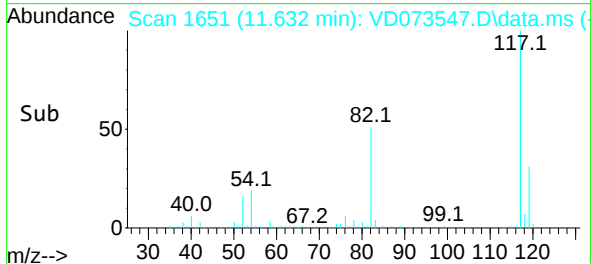
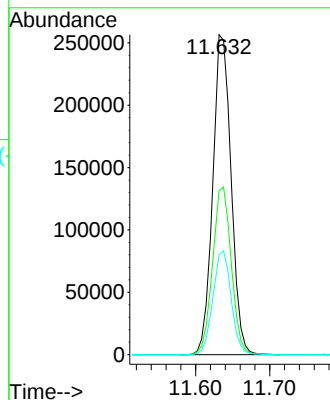
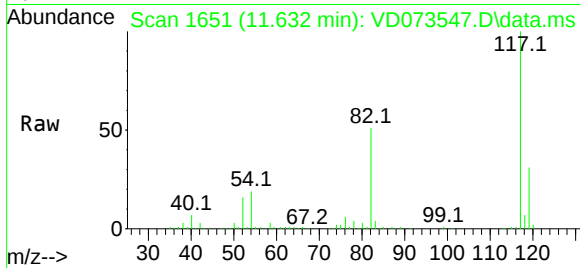




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

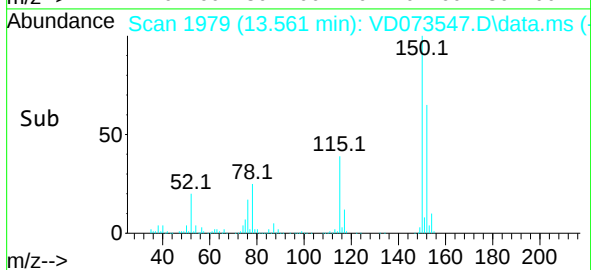
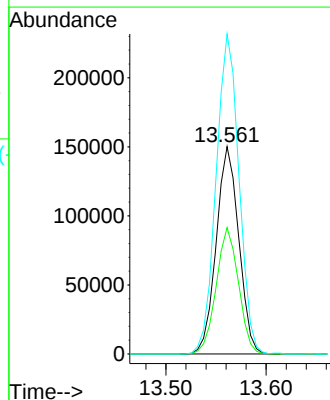
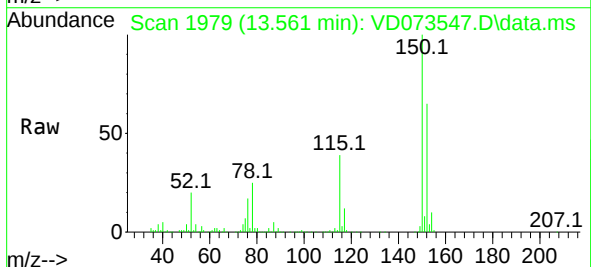
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

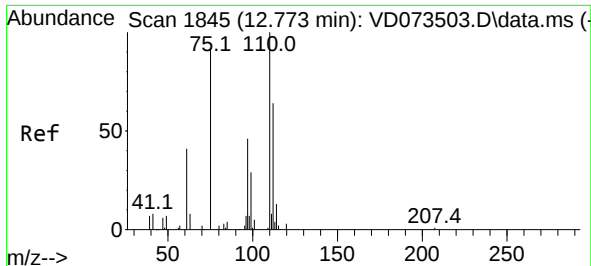
Tgt Ion:117 Resp: 441220
Ion Ratio Lower Upper
117 100
82 51.3 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion:152 Resp: 234415
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 156.5 0.0 348.6

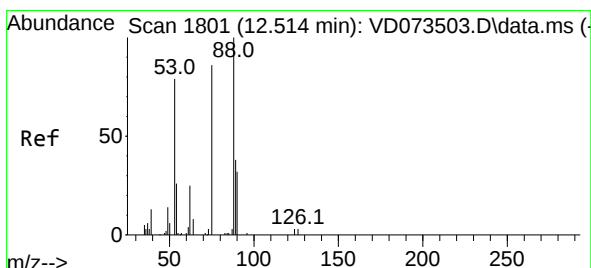
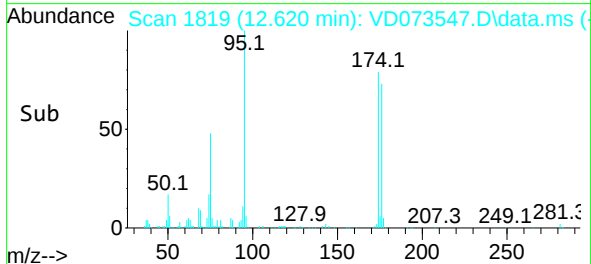
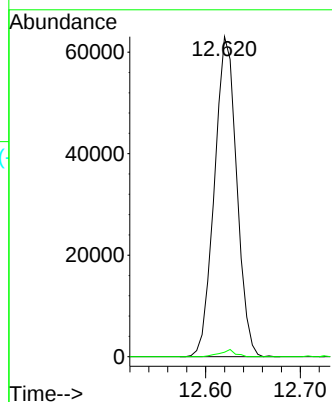
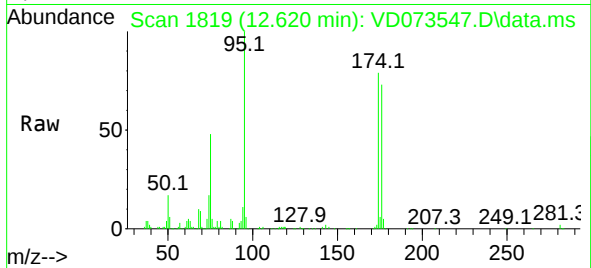




#76
1,2,3-Trichloropropane
Concen: 45.227 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

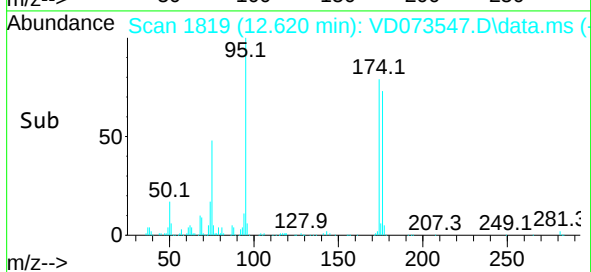
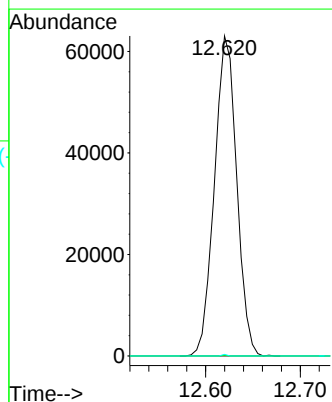
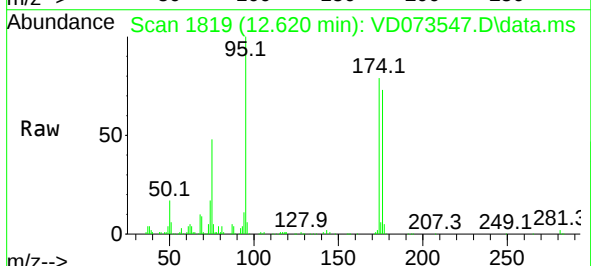
Instrument :
MSVOA_D
ClientSampleId :
COM-4RE

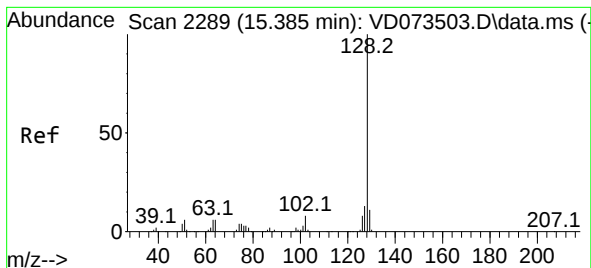
Tgt Ion: 75 Resp: 102994
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.156 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073547.D
Acq: 13 Jun 2022 15:42

Tgt Ion: 75 Resp: 102994
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 4.305 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073547.D

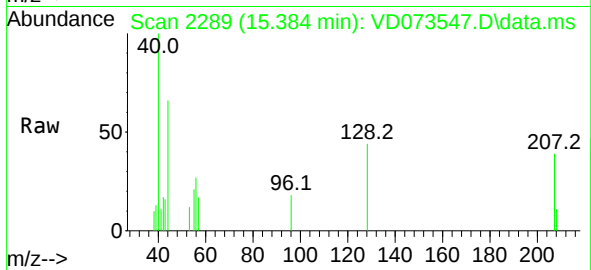
Acq: 13 Jun 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

COM-4RE



Tgt Ion:128 Resp: 932

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

