

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073944.D
 Acq On : 03 Aug 2022 17:01
 Operator : VA/SY
 Sample : N3990-03RE
 Misc : 5.02G/5.01ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-080122

Quant Time: Aug 04 02:52:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

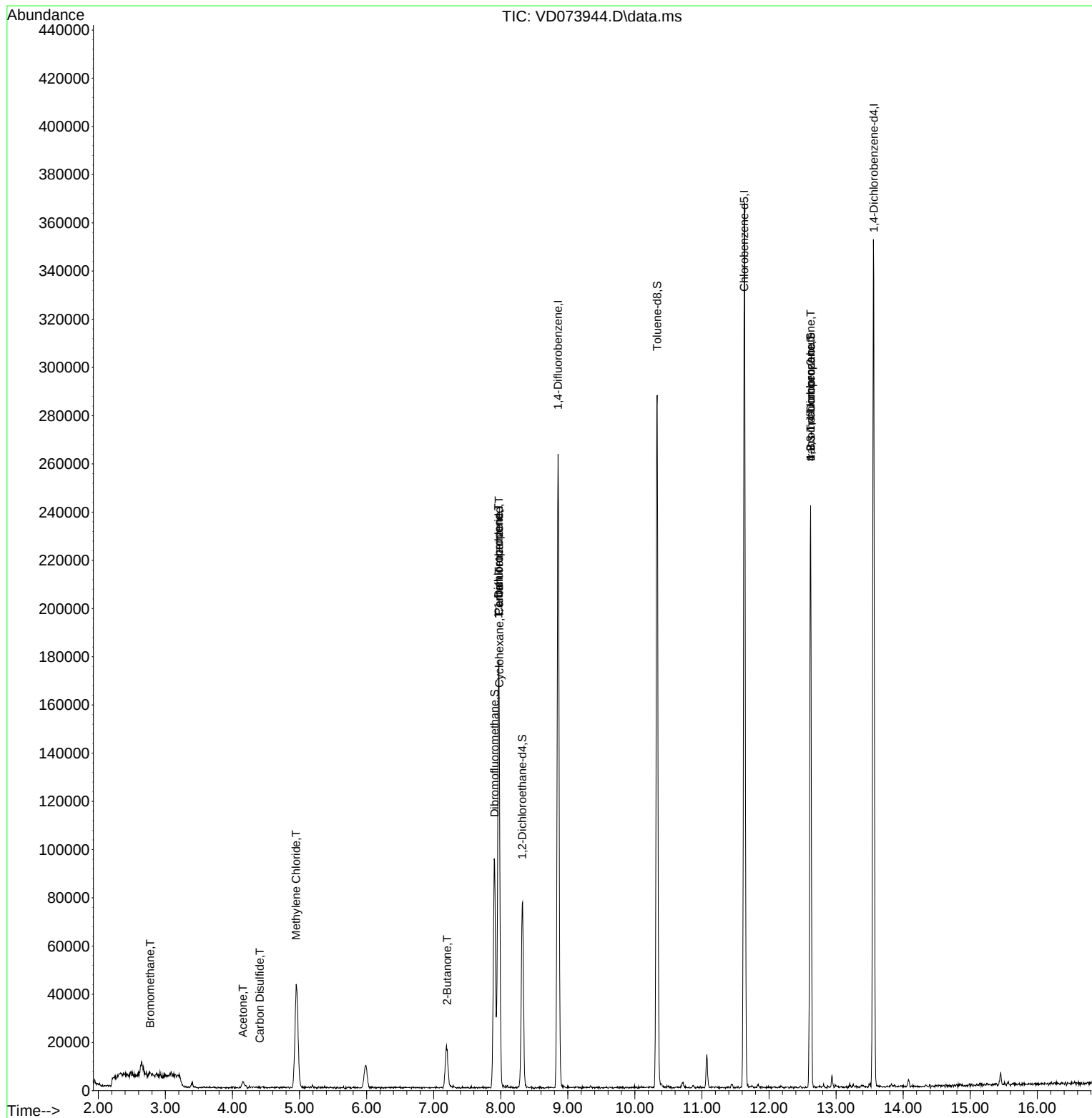
Internal Standards						
1) Pentafluorobenzene	7.973	168	125552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	220607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	203205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	90290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	62111	61.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.320%
35) Dibromofluoromethane	7.909	113	65922	48.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.332	98	197307	42.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.460%
62) 4-Bromofluorobenzene	12.620	95	72261	42.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	238	Below Cal	#	43
5) Bromomethane	2.773	94	1457	1.049	ug/l	91
11) Tert butyl alcohol	5.226	59	56	Below Cal	#	75
16) Acetone	4.156	43	4229	25.186	ug/l	99
17) Carbon Disulfide	4.409	76	206	1.826	ug/l	# 75
18) Methyl Acetate	4.732	43	56	Below Cal	#	48
20) Methylene Chloride	4.950	84	34402	14.124	ug/l	94
25) 2-Butanone	7.203	43	968	3.159	ug/l	93
31) Cyclohexane	7.979	56	3333	1.714	ug/l	# 72
36) 1,1-Dichloropropene	7.967	75	11195	5.735	ug/l	# 48
38) Carbon Tetrachloride	7.973	117	14084	6.440	ug/l	# 13
76) 1,2,3-Trichloropropane	12.620	75	40278	59.779	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	40278	127.983	ug/l	# 13

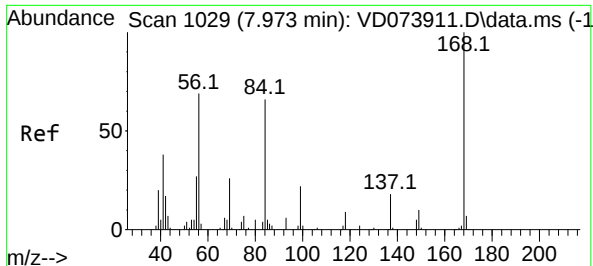
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
Data File : VD073944.D
Acq On : 03 Aug 2022 17:01
Operator : VA/SY
Sample : N3990-03RE
Misc : 5.02G/5.01ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

Quant Time: Aug 04 02:52:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration

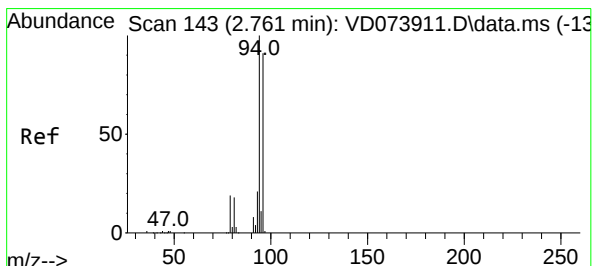
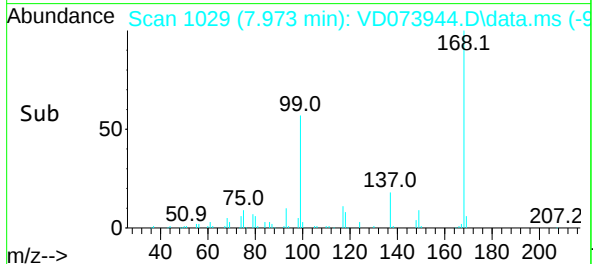
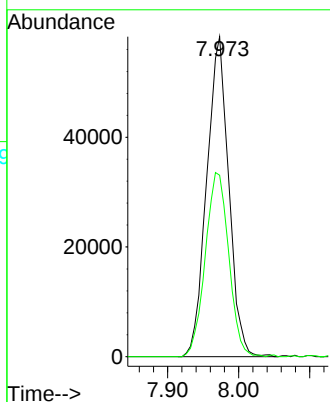
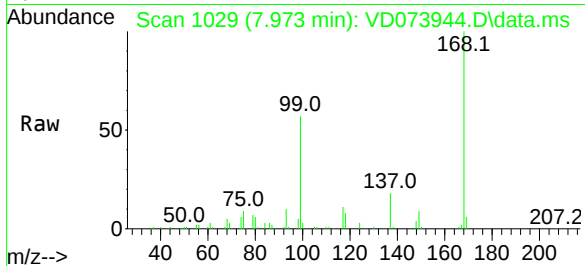




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

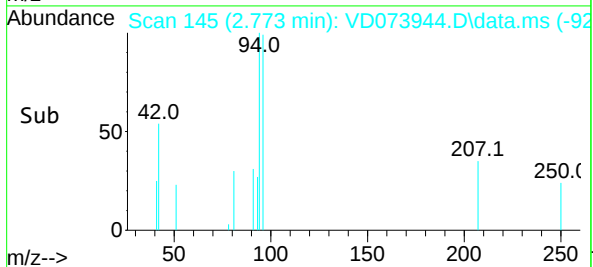
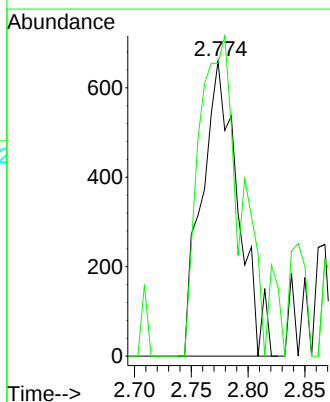
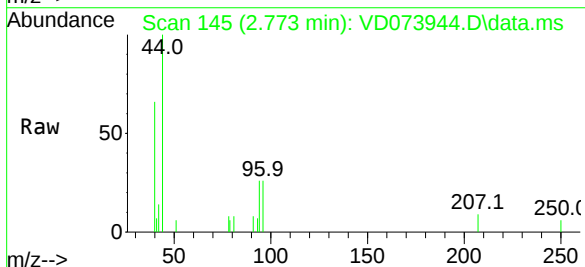
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

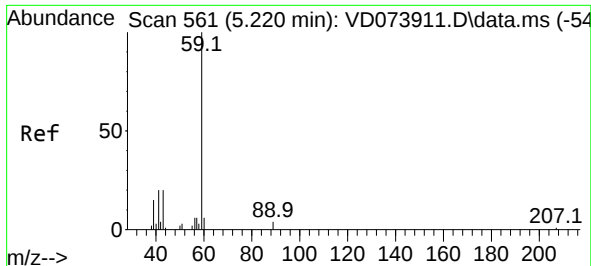
Tgt Ion:168 Resp: 125552
Ion Ratio Lower Upper
168 100
99 56.7 52.2 78.4



#5
Bromomethane
Concen: 1.049 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 94 Resp: 1457
Ion Ratio Lower Upper
94 100
96 99.2 72.7 109.1

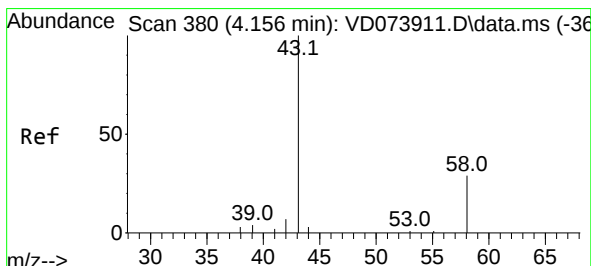
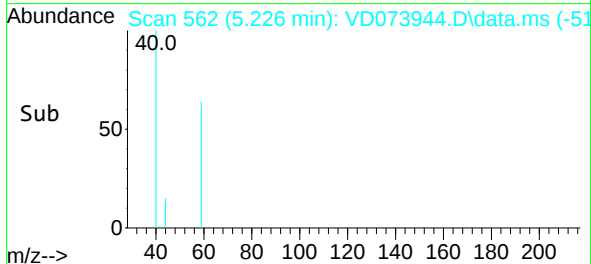
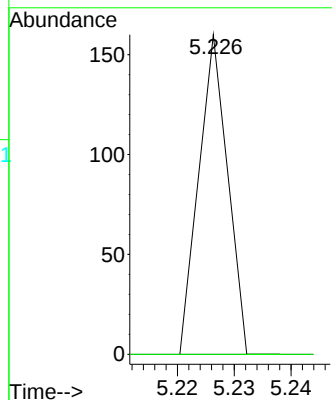
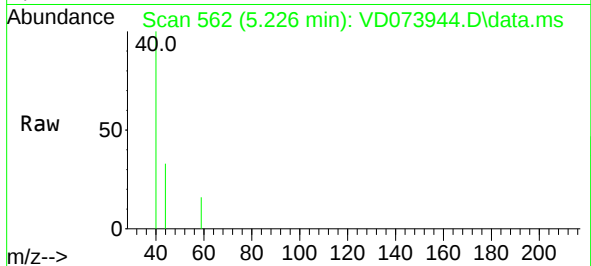




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

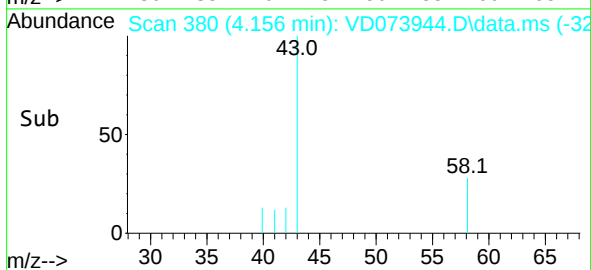
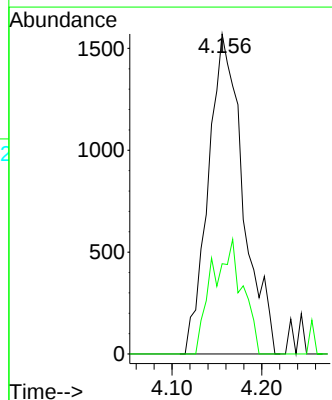
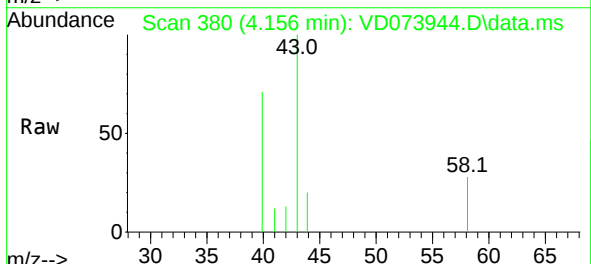
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

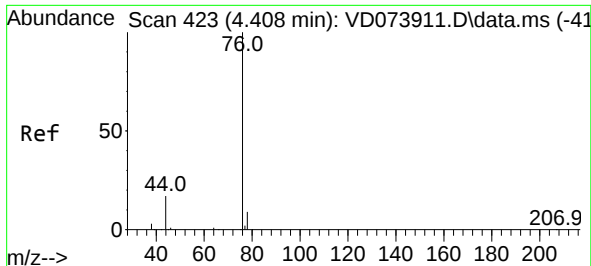
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 25.186 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 43 Resp: 4229
Ion Ratio Lower Upper
43 100
58 28.2 23.0 34.6

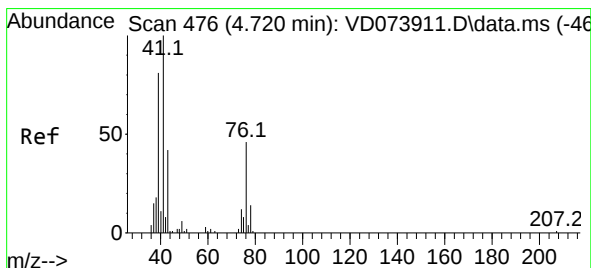
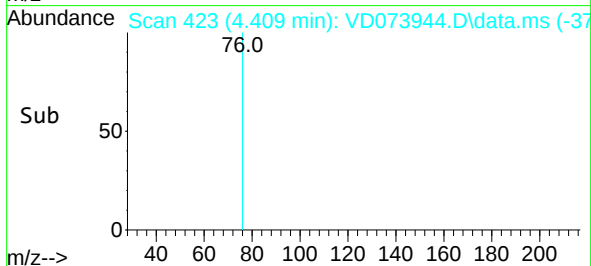
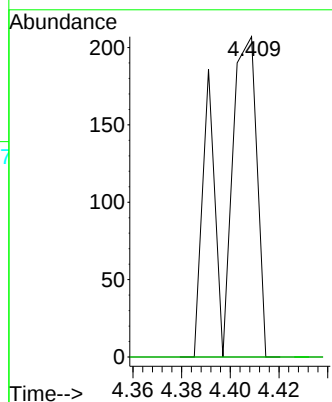
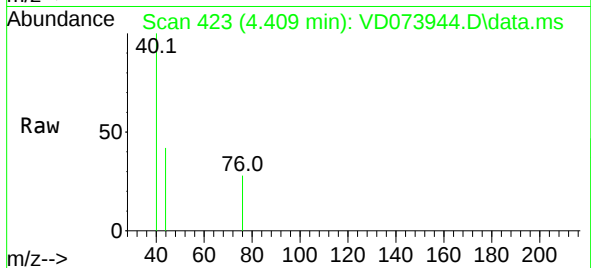




#17
Carbon Disulfide
Concen: 1.826 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

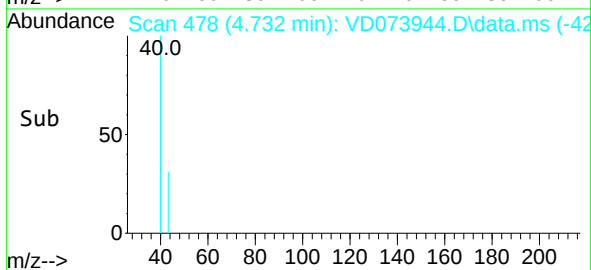
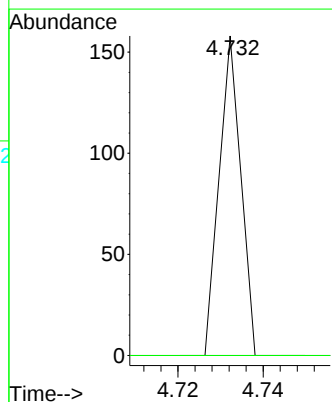
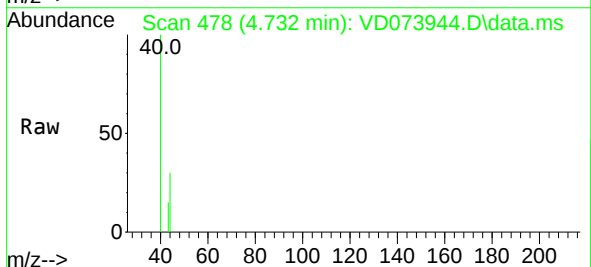
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

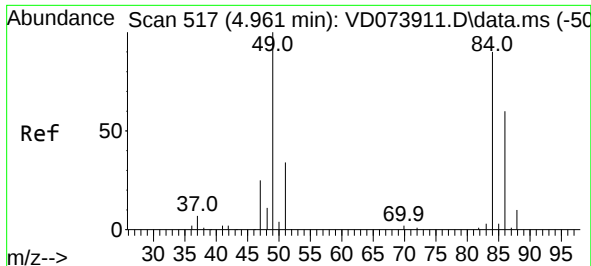
Tgt Ion: 76 Resp: 206
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.012 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#

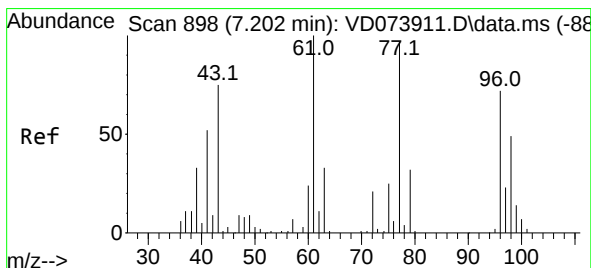
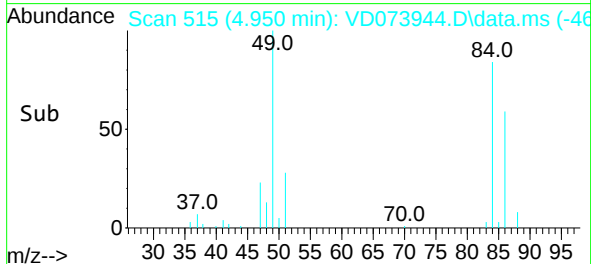
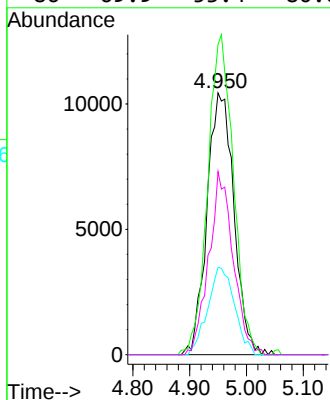
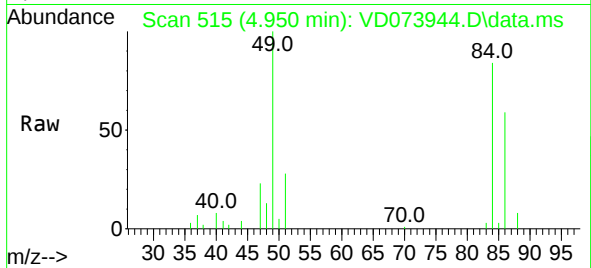




#20
Methylene Chloride
Concen: 14.124 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

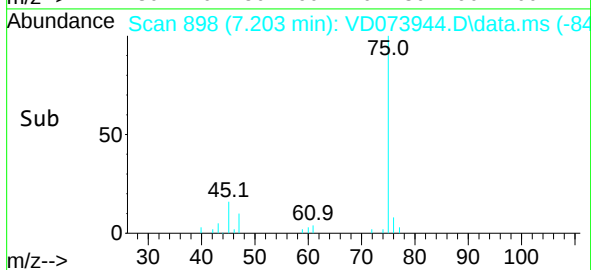
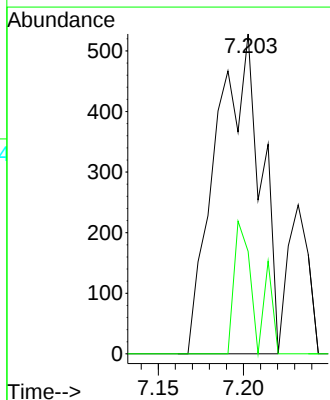
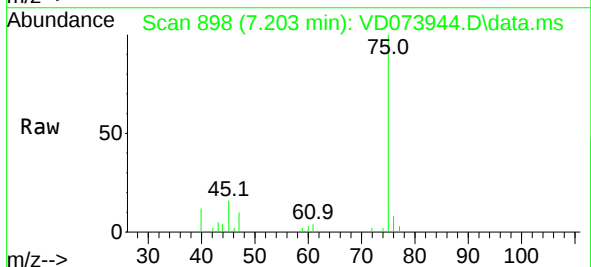
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

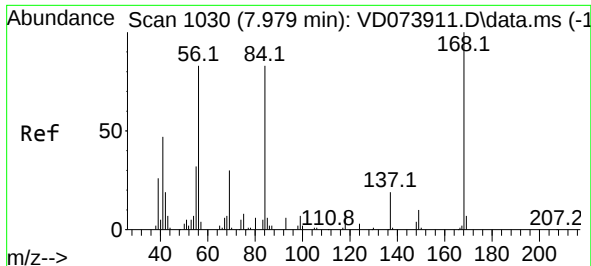
Tgt Ion: 84	Resp: 34402
Ion Ratio	Lower Upper
84 100	
49 118.6	89.1 133.7
51 33.4	29.8 44.8
86 69.9	53.4 80.0



#25
2-Butanone
Concen: 3.159 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 43	Resp: 968		
Ion Ratio	Lower	Upper	
43 100			
72 32.0	22.7	34.1	

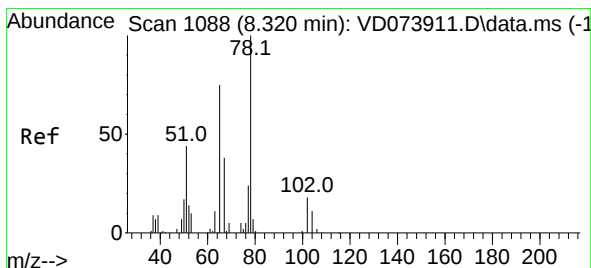
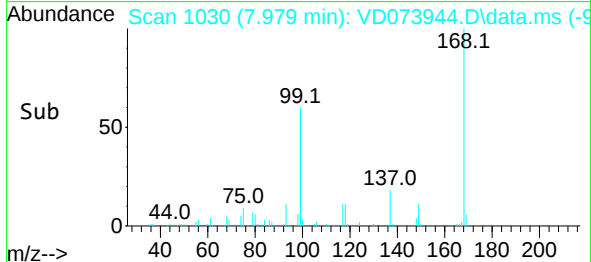
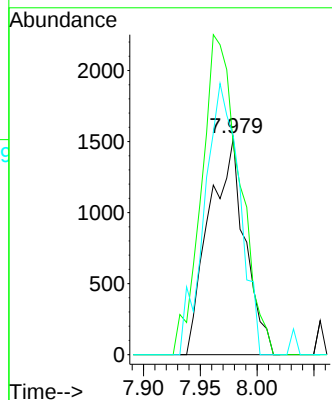
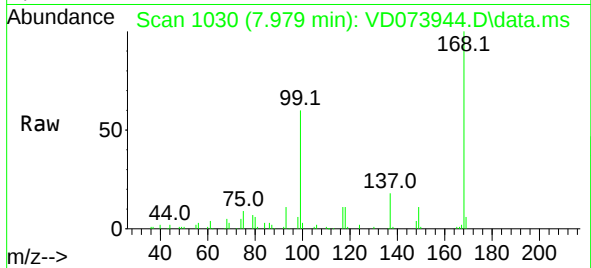




#31
Cyclohexane
Concen: 1.714 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

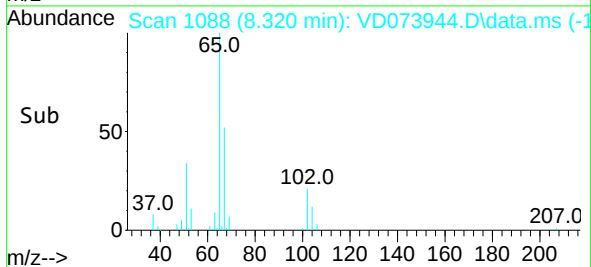
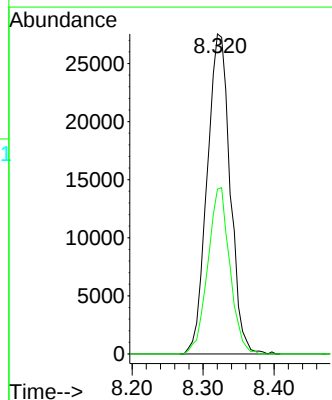
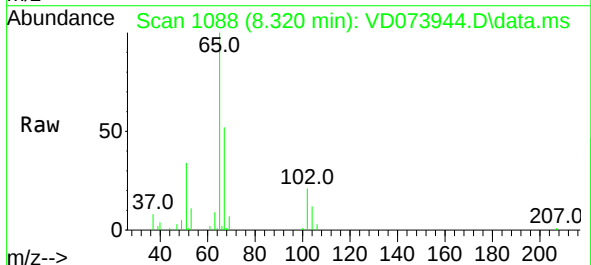
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

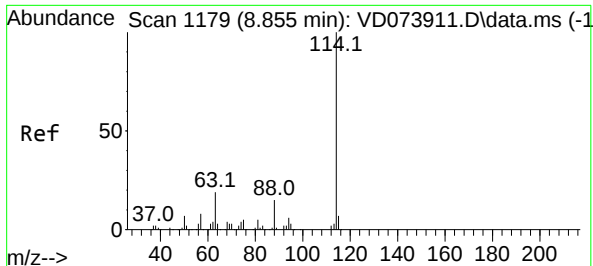
Tgt Ion: 56 Resp: 3333
Ion Ratio Lower Upper
56 100
69 96.6 29.2 43.8#
84 100.8 80.0 120.0



#33
1,2-Dichloroethane-d4
Concen: 61.158 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 65 Resp: 62111
Ion Ratio Lower Upper
65 100
67 49.6 0.0 102.8

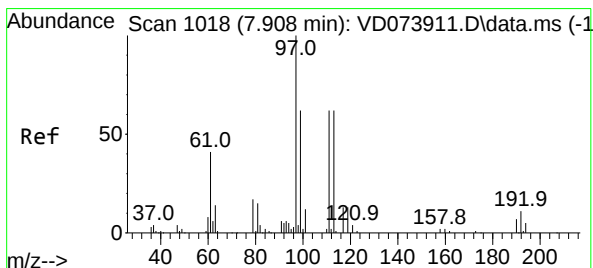
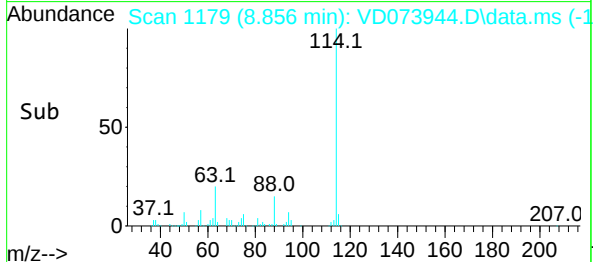
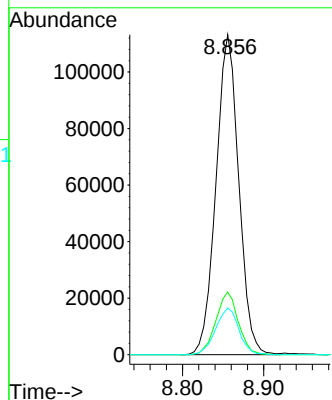
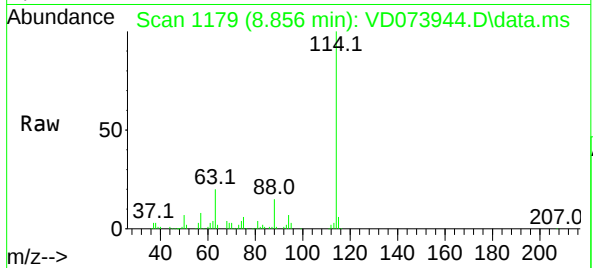




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

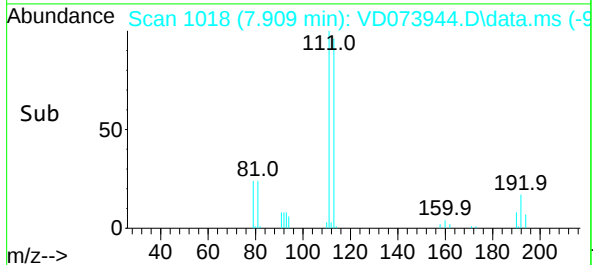
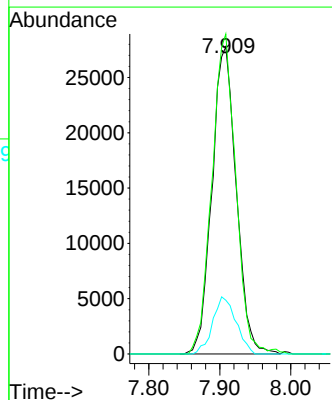
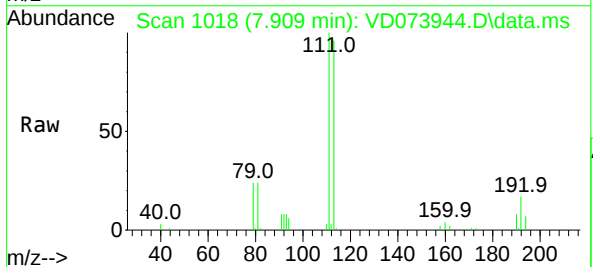
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

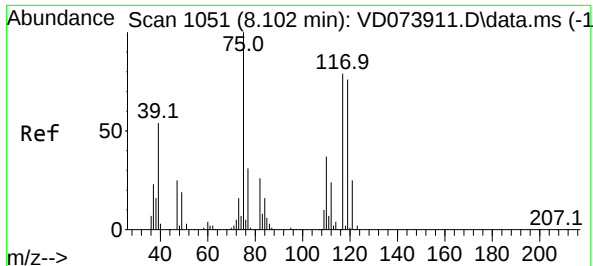
Tgt Ion:114 Resp: 220607
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.6
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.095 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion:113 Resp: 65922
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.9 15.0 22.6





#36

1,1-Dichloropropene

Concen: 5.735 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

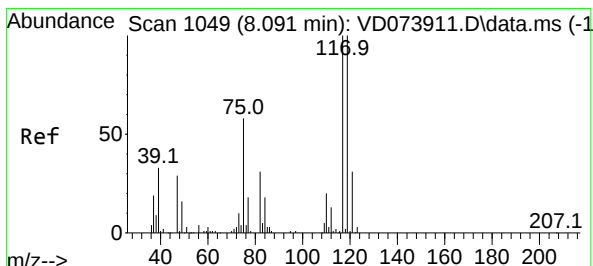
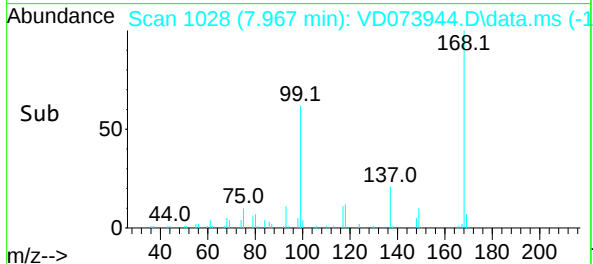
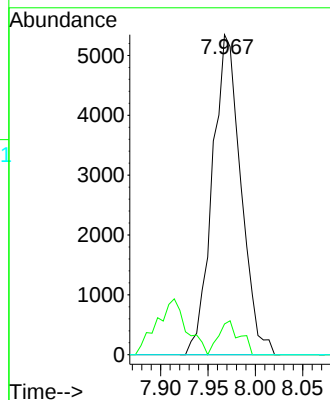
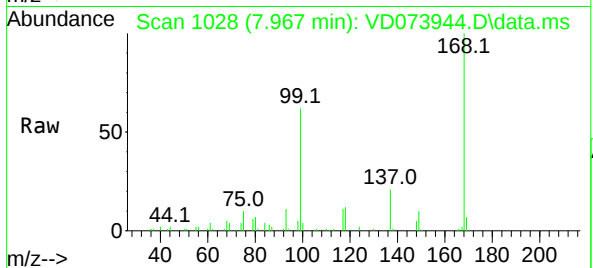
Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

Tgt Ion:	75	Resp:	11195
Ion Ratio	Lower	Upper	
75	100		
110	7.9	18.1	54.1#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.440 ug/l

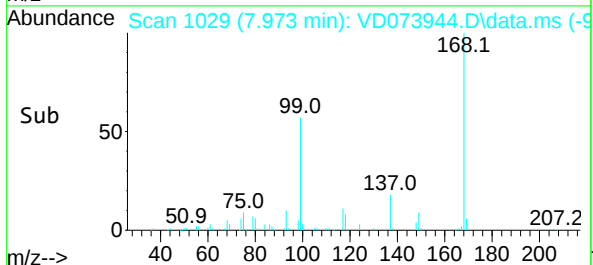
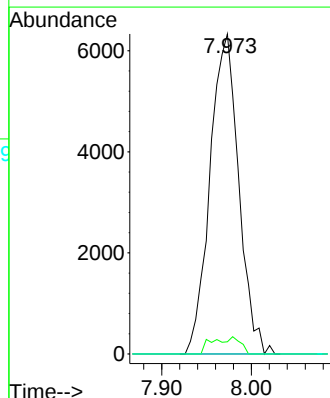
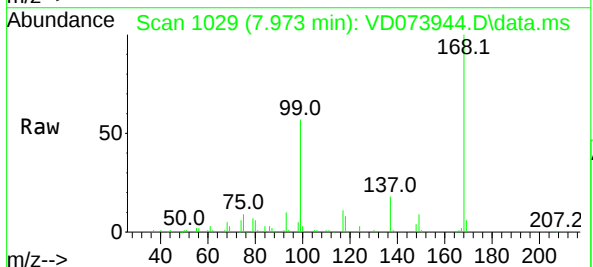
RT: 7.973 min Scan# 1029

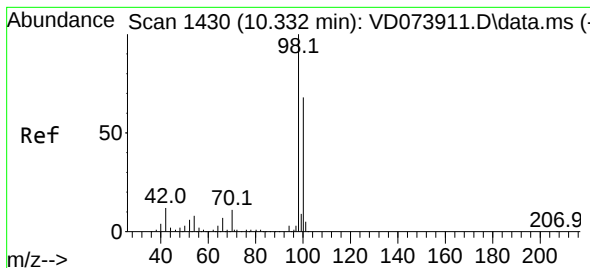
Delta R.T. -0.117 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

Tgt Ion:	117	Resp:	14084
Ion Ratio	Lower	Upper	
117	100		
119	3.8	79.6	119.4#
121	0.0	24.4	36.6#

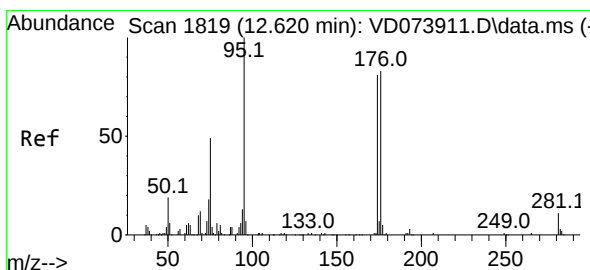
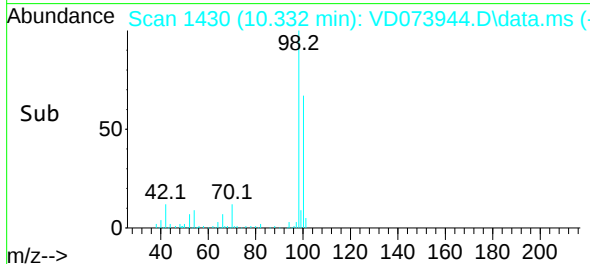
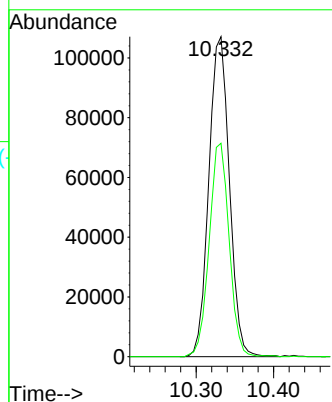
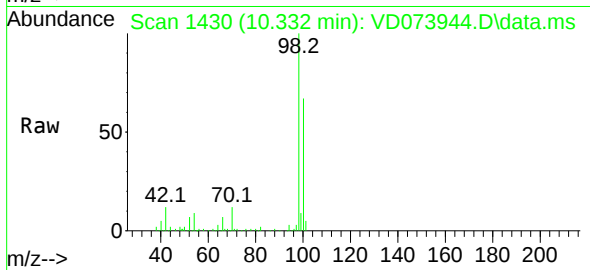




#50
Toluene-d8
Concen: 42.734 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

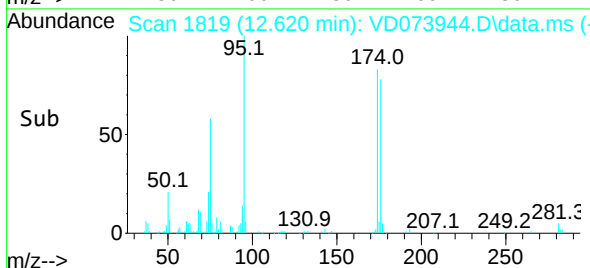
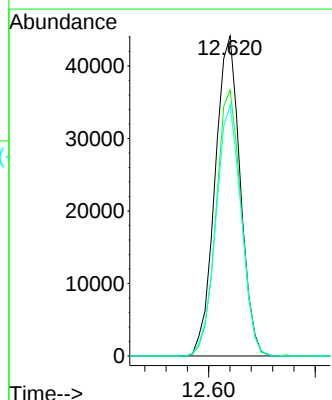
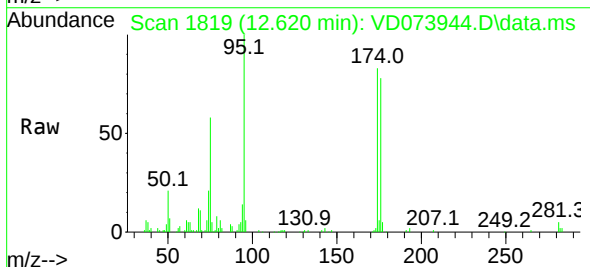
Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

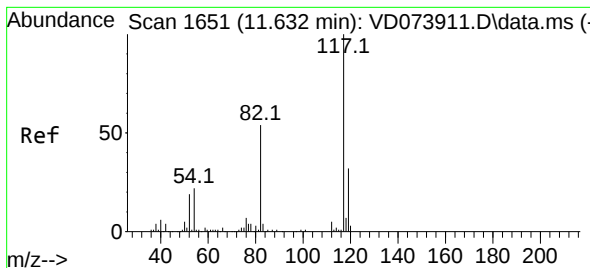
Tgt Ion: 98 Resp: 197307
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.559 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 95 Resp: 72261
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.2
176 78.9 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

HR-04-080122

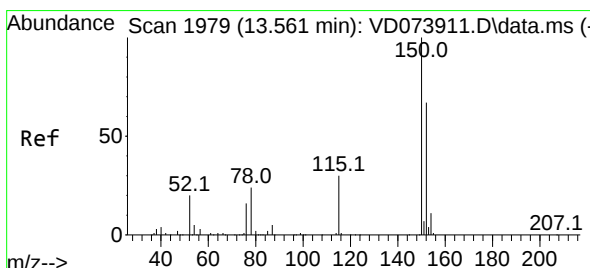
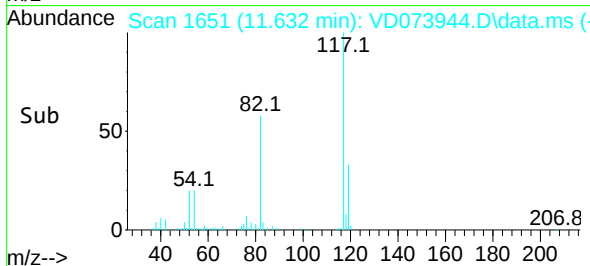
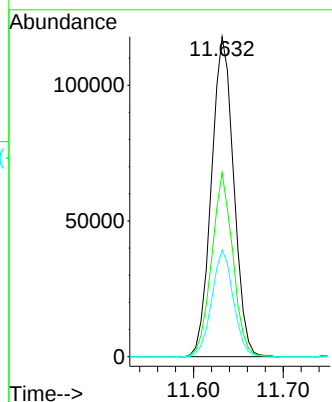
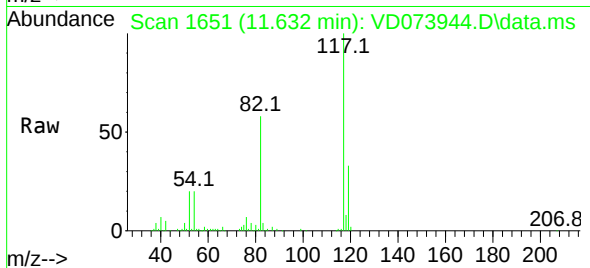
Tgt Ion:117 Resp: 203205

Ion Ratio Lower Upper

117 100

82 57.5 43.3 64.9

119 33.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073944.D

Acq: 03 Aug 2022 17:01

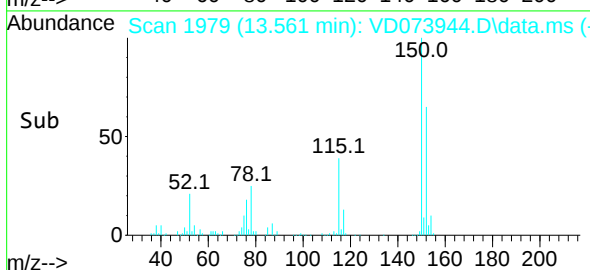
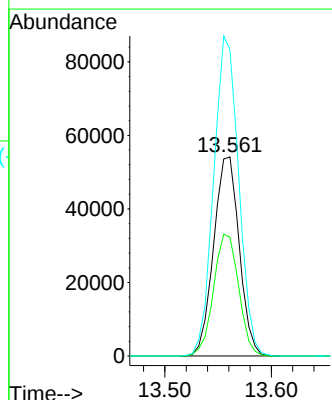
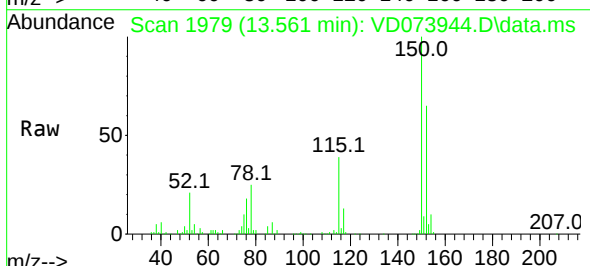
Tgt Ion:152 Resp: 90290

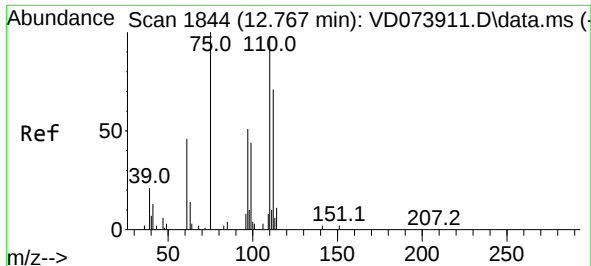
Ion Ratio Lower Upper

152 100

115 60.0 29.1 87.3

150 157.1 0.0 338.2

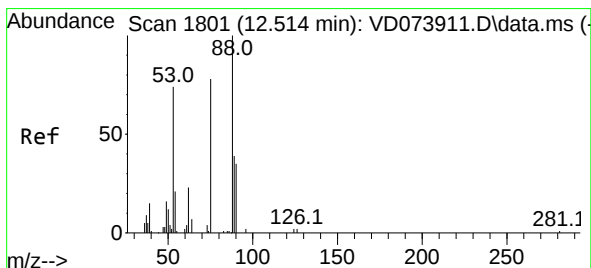
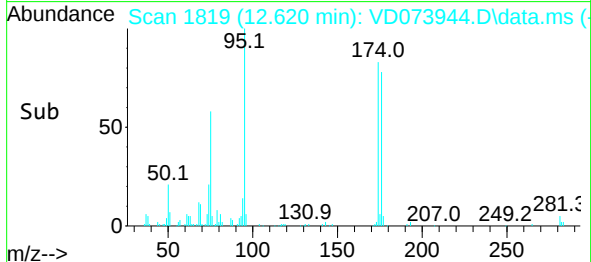
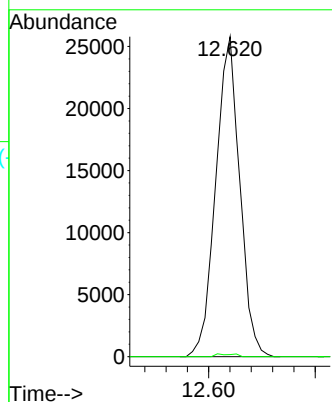
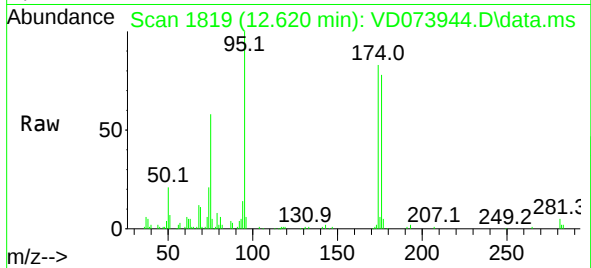




#76
1,2,3-Trichloropropane
Concen: 59.779 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
HR-04-080122

Tgt Ion: 75 Resp: 40278
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.983 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073944.D
Acq: 03 Aug 2022 17:01

Tgt Ion: 75 Resp: 40278
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.0 39.8 59.6#

