

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
 Data File : VD073943.D
 Acq On : 03 Aug 2022 16:31
 Operator : VA/SY
 Sample : N3996-01RE
 Misc : 5.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-CS

Quant Time: Aug 04 02:52:31 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)

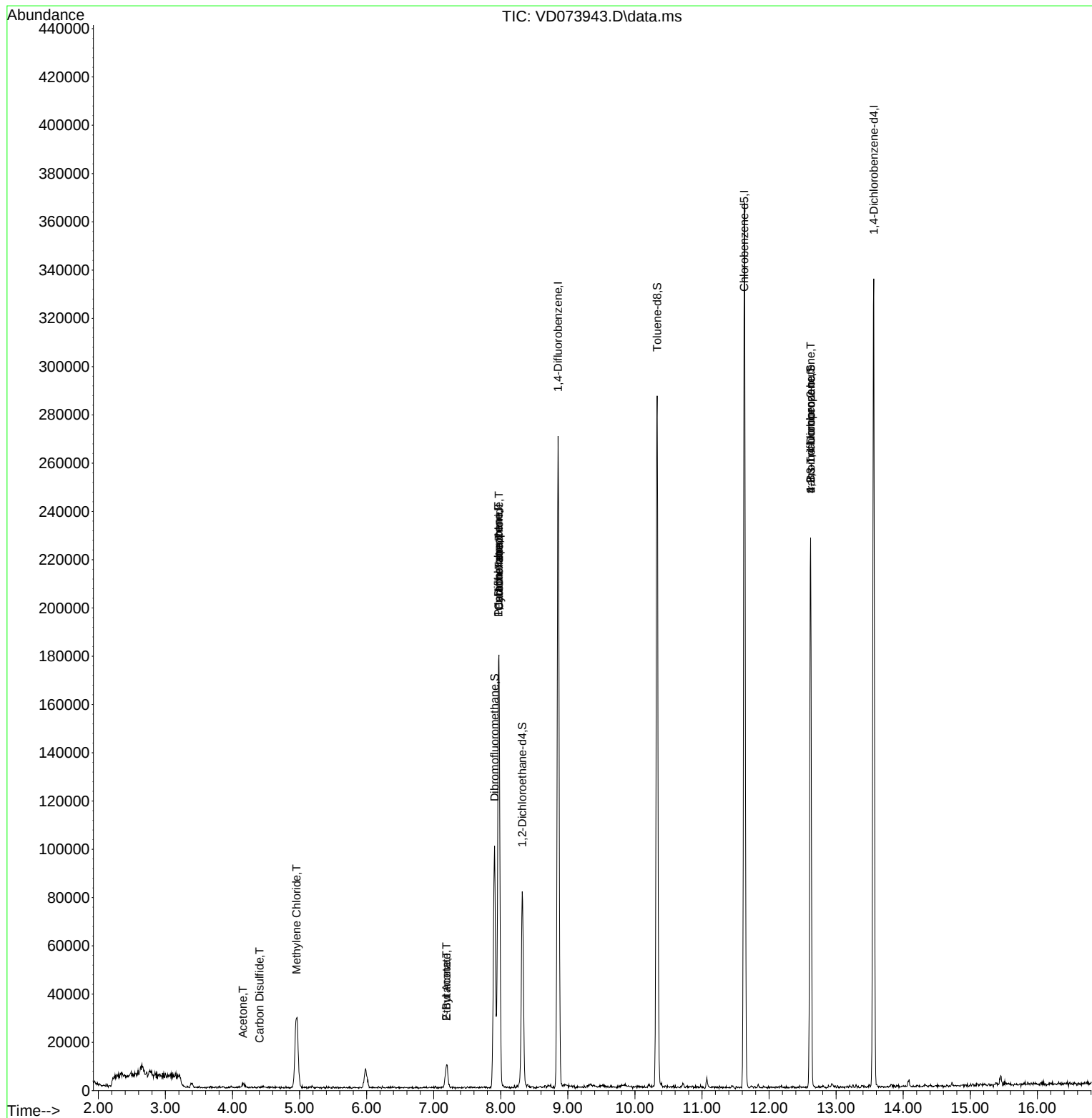
Internal Standards						
1) Pentafluorobenzene	7.967	168	130342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	204733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	87430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	63177	59.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.640%	
35) Dibromofluoromethane	7.908	113	68097	49.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.332	98	195738	41.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.840%	
62) 4-Bromofluorobenzene	12.620	95	69943	40.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	227	Below Cal	#	43
16) Acetone	4.156	43	3067	20.524	ug/l #	78
17) Carbon Disulfide	4.403	76	76	1.789	ug/l #	75
18) Methyl Acetate	4.950	43	57	Below Cal	#	48
20) Methylene Chloride	4.956	84	24350	4.951	ug/l	93
25) 2-Butanone	7.191	43	754	2.370	ug/l #	46
31) Cyclohexane	7.973	56	3361	1.665	ug/l #	45
36) 1,1-Dichloropropene	7.967	75	11272	5.709	ug/l #	51
37) Ethyl Acetate	7.191	43	754	1.025	ug/l #	52
38) Carbon Tetrachloride	7.973	117	14951	6.759	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	38685	59.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	38685	126.942	ug/l #	13

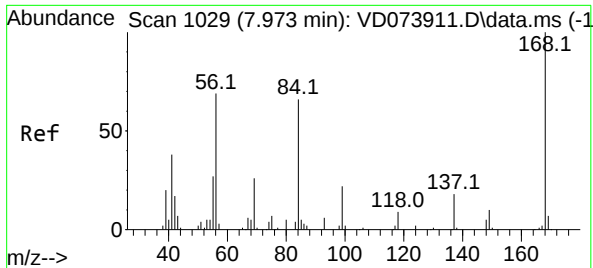
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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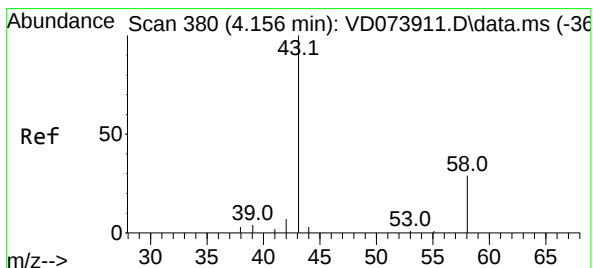
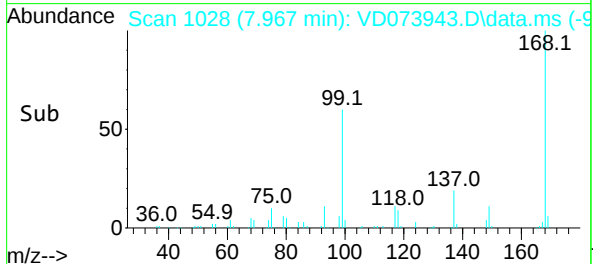
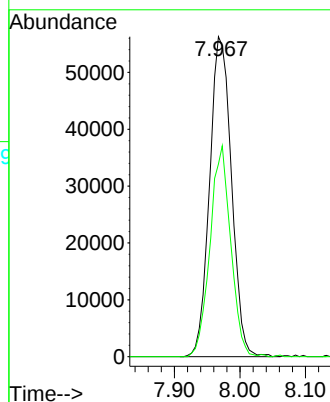
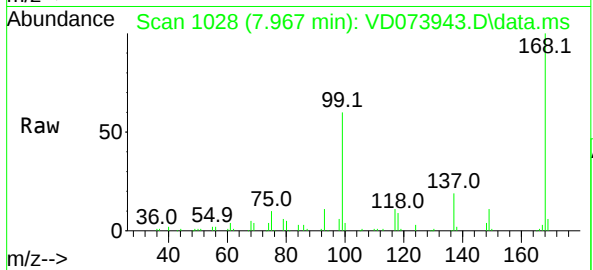




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

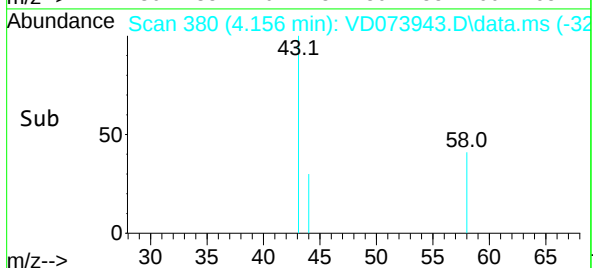
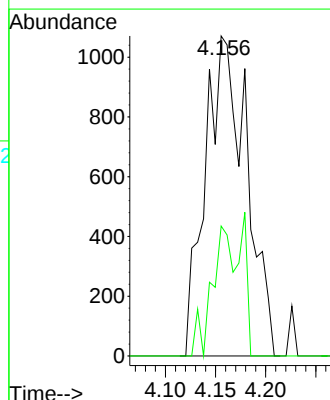
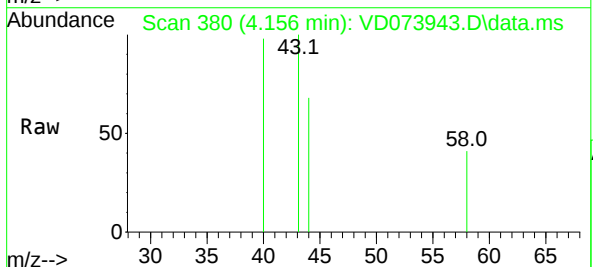
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

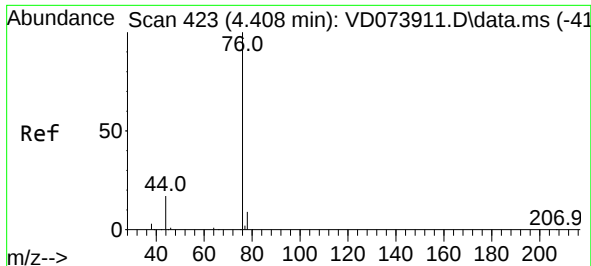
Tgt Ion:168 Resp: 130342
Ion Ratio Lower Upper
168 100
99 60.2 52.2 78.4



#16
Acetone
Concen: 20.524 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 43 Resp: 3067
Ion Ratio Lower Upper
43 100
58 40.6 23.0 34.6#

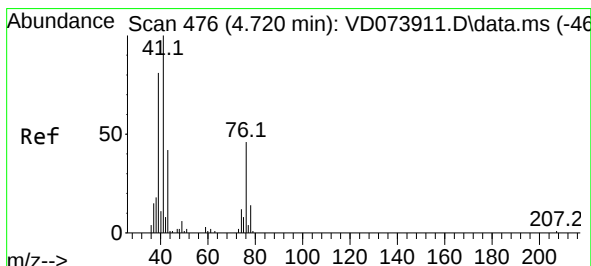
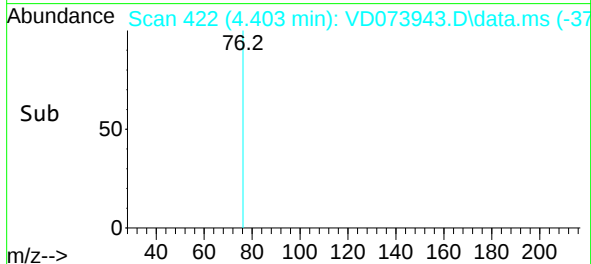
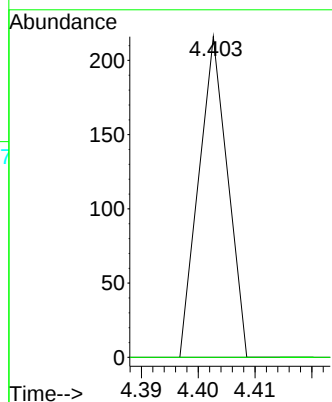
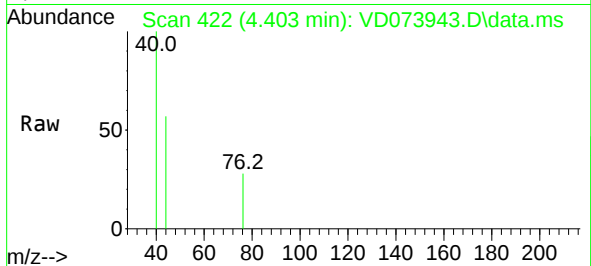




#17
Carbon Disulfide
Concen: 1.789 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

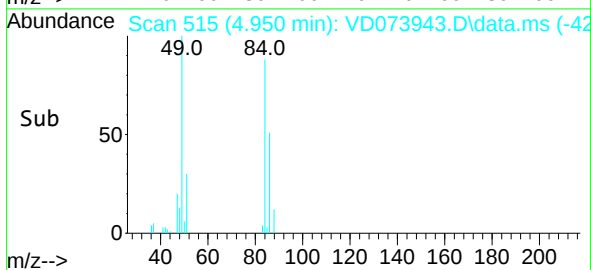
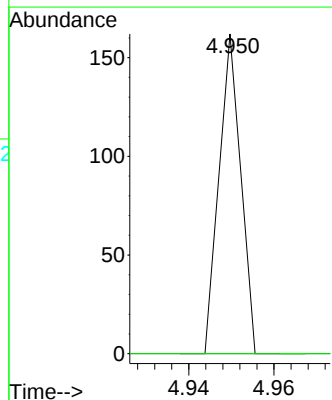
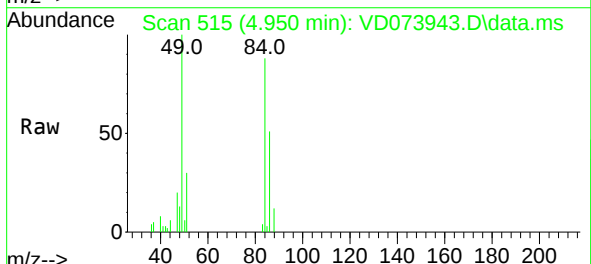
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

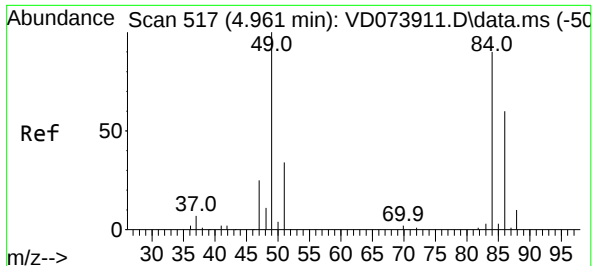
Tgt Ion: 76 Resp: 76
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. 0.230 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#

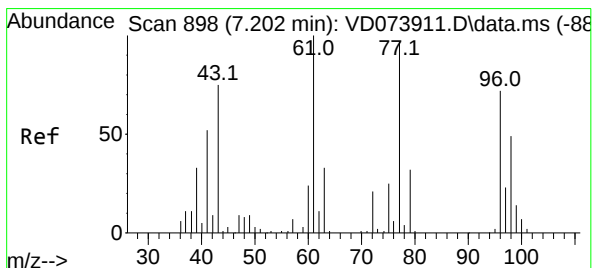
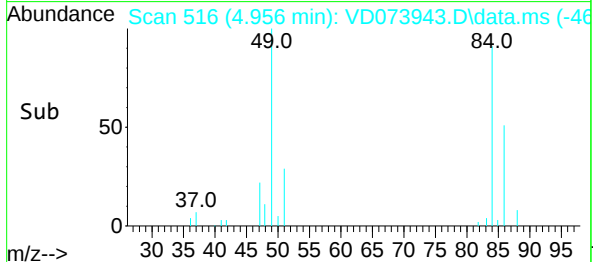
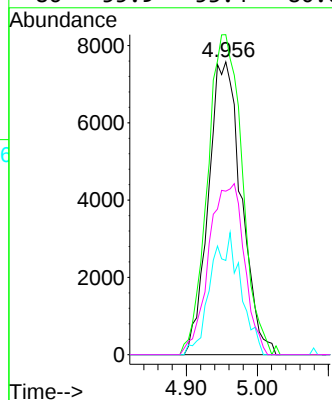
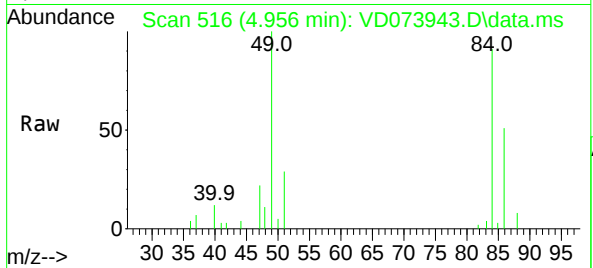




#20
Methylene Chloride
Concen: 4.951 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

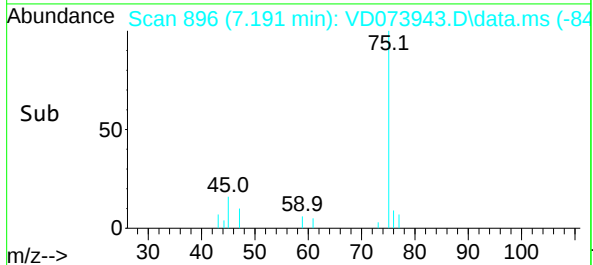
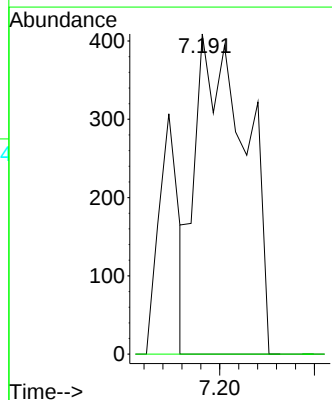
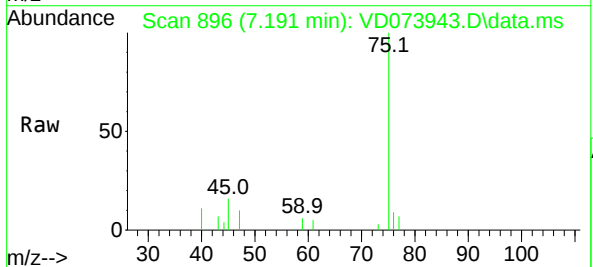
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

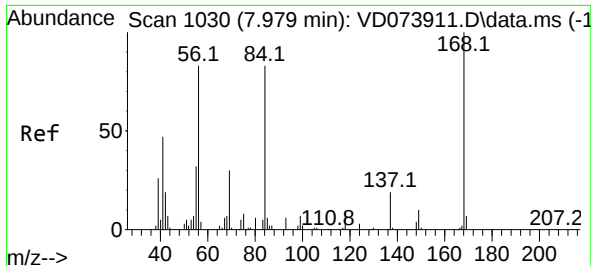
Tgt Ion: 84	Resp: 24350
Ion Ratio	Lower Upper
84 100	
49 109.3	89.1 133.7
51 32.2	29.8 44.8
86 55.9	53.4 80.0



#25
2-Butanone
Concen: 2.370 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 43	Resp: 754
Ion Ratio	Lower Upper
43 100	
72 0.0	22.7 34.1#

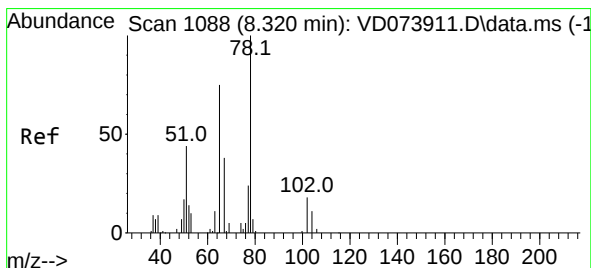
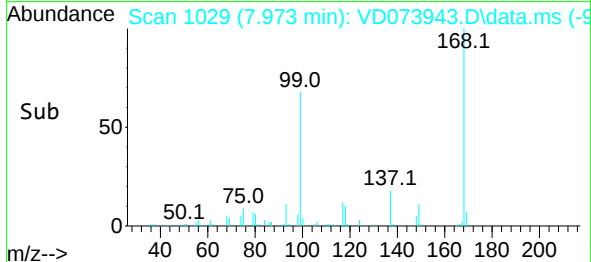
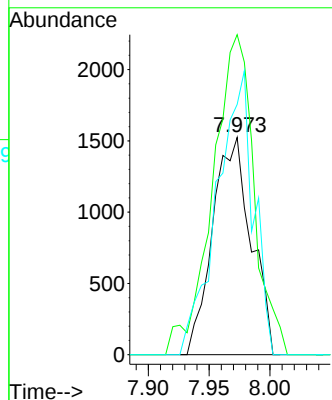
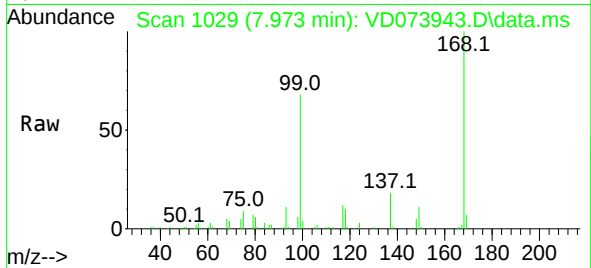




#31
Cyclohexane
Concen: 1.665 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

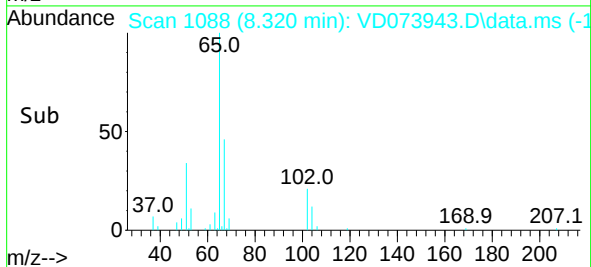
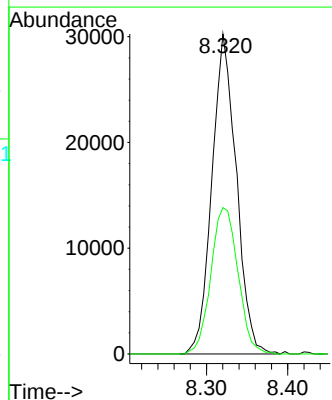
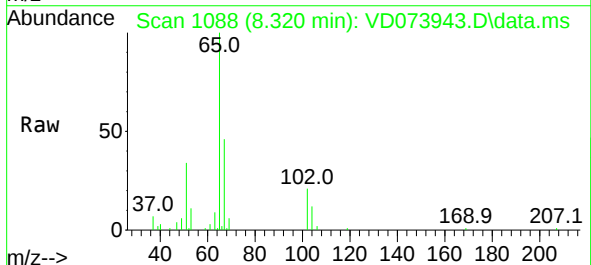
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

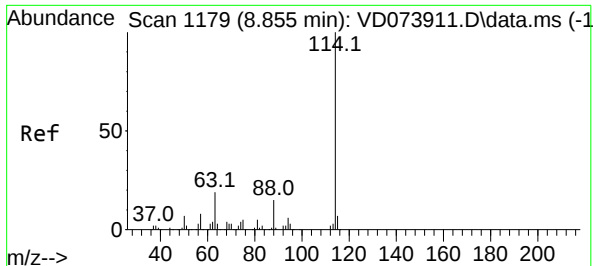
Tgt Ion: 56 Resp: 3361
Ion Ratio Lower Upper
56 100
69 134.6 29.2 43.8#
84 115.1 80.0 120.0



#33
1,2-Dichloroethane-d4
Concen: 59.819 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 65 Resp: 63177
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073943.D

Acq: 03 Aug 2022 16:31

Instrument :

MSVOA_D

ClientSampleId :

MH-CS

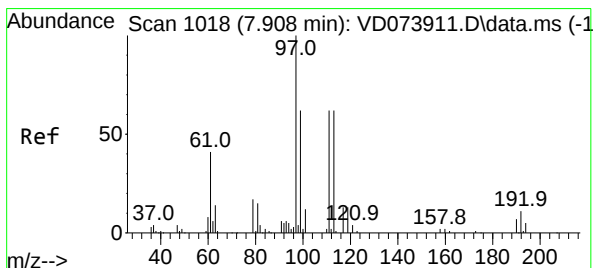
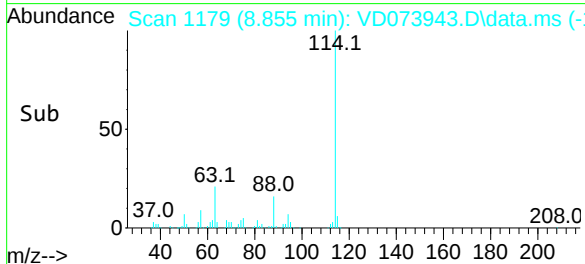
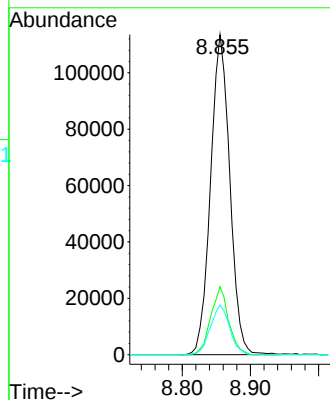
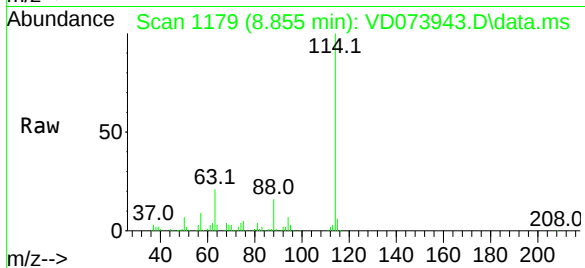
Tgt Ion:114 Resp: 223129

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.6

88 15.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.120 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073943.D

Acq: 03 Aug 2022 16:31

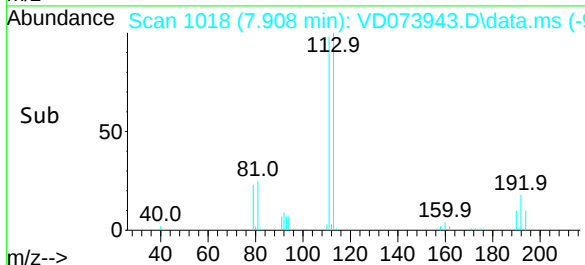
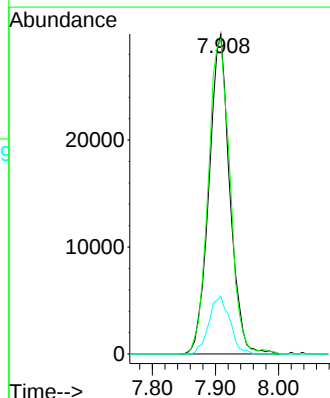
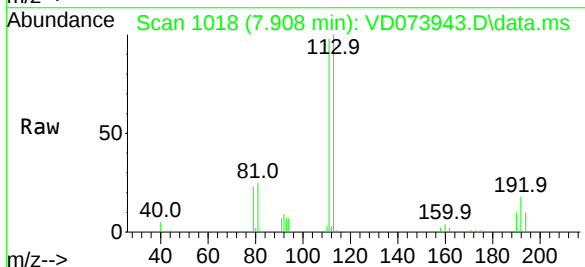
Tgt Ion:113 Resp: 68097

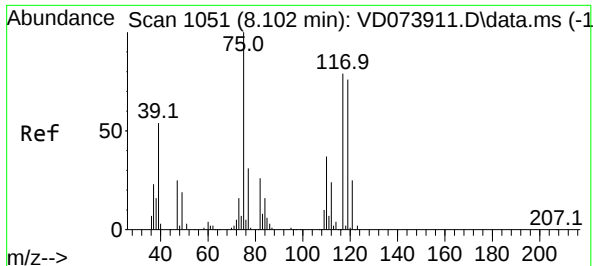
Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

192 18.3 15.0 22.6





#36

1,1-Dichloropropene

Concen: 5.709 ug/l

RT: 7.967 min Scan# 1

Delta R.T. -0.135 min

Lab File: VD073943.D

Acq: 03 Aug 2022 16:31

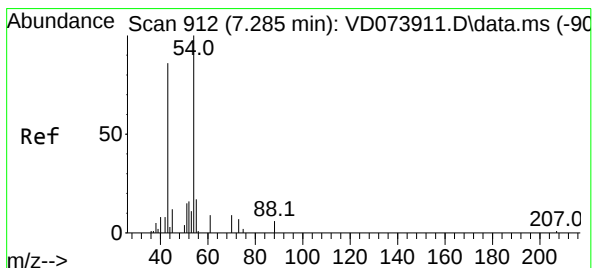
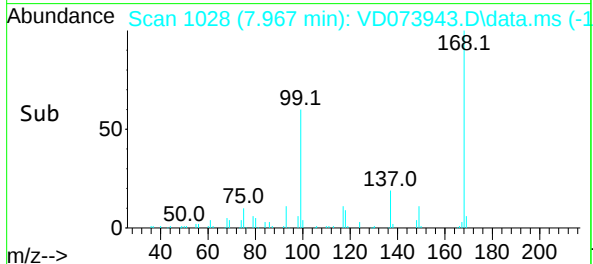
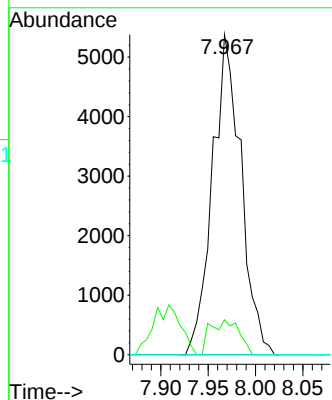
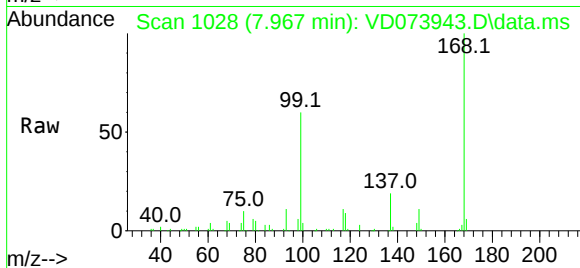
Instrument :

MSVOA_D

ClientSampleId :

MH-CS

Tgt Ion:	75	Resp:	11272
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.1#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 1.025 ug/l

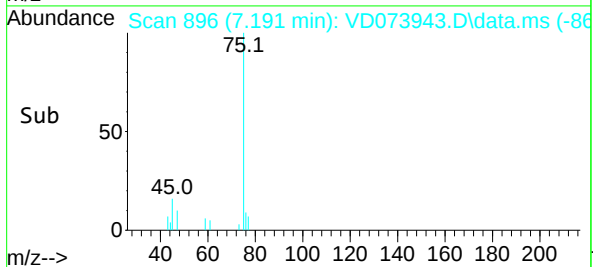
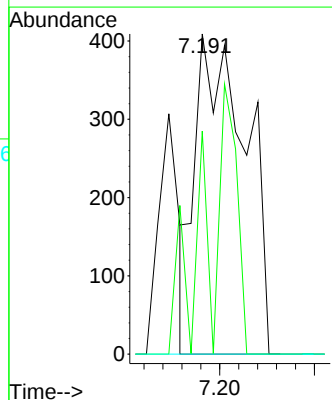
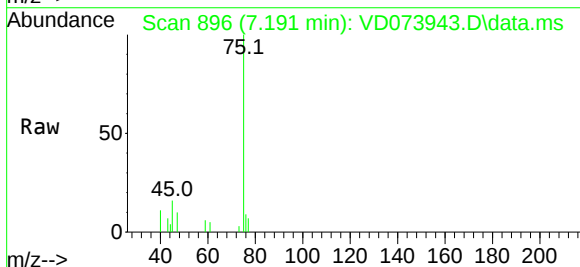
RT: 7.191 min Scan# 896

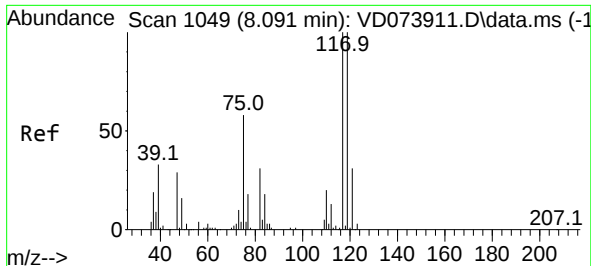
Delta R.T. -0.094 min

Lab File: VD073943.D

Acq: 03 Aug 2022 16:31

Tgt Ion:	43	Resp:	754
Ion	Ratio	Lower	Upper
43	100		
61	41.8	12.7	19.1#
70	0.0	9.4	14.0#

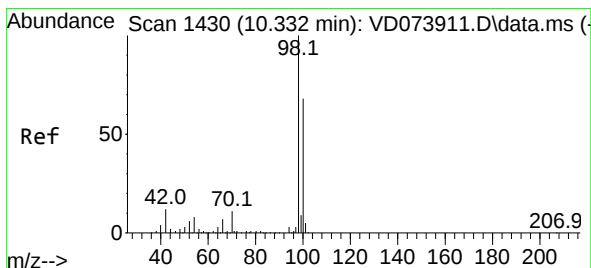
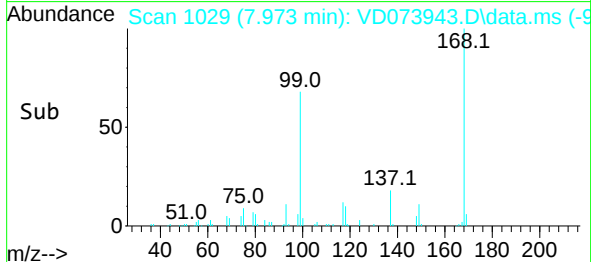
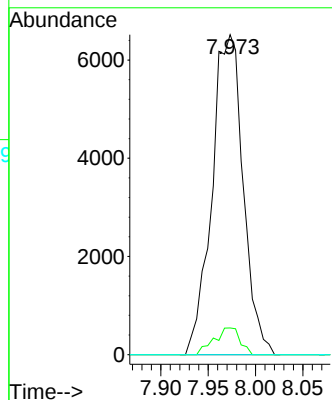
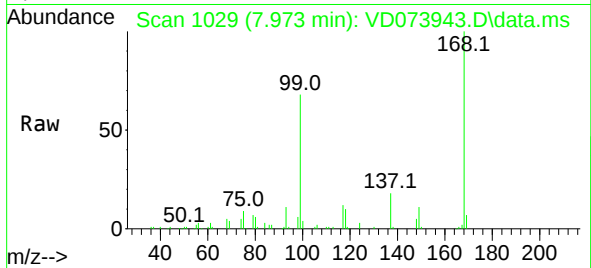




#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

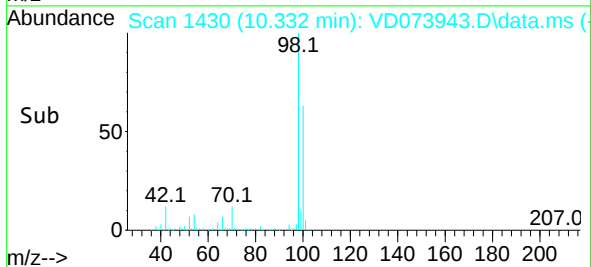
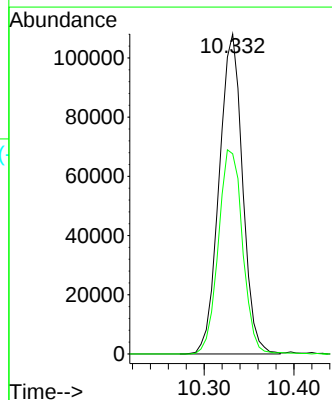
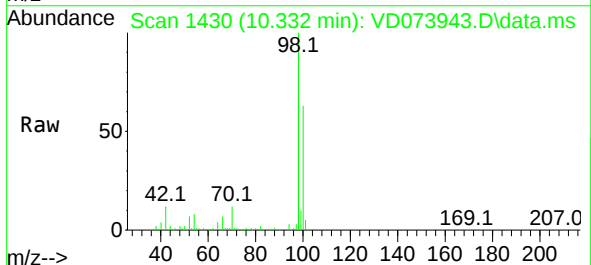
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

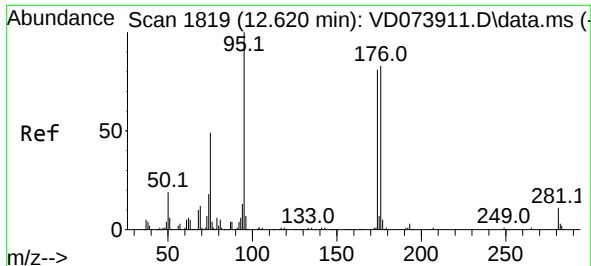
Tgt Ion:117 Resp: 14951
Ion Ratio Lower Upper
117 100
119 8.4 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 41.915 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 98 Resp: 195738
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

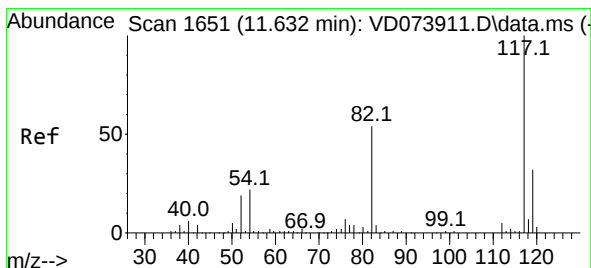
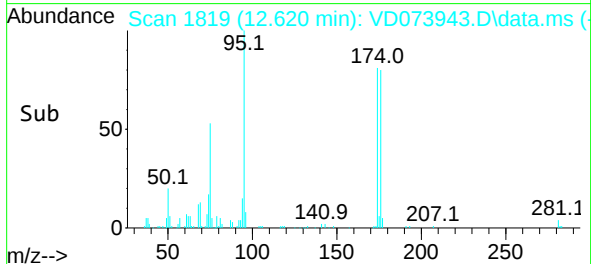
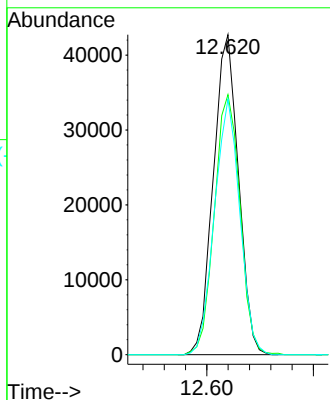
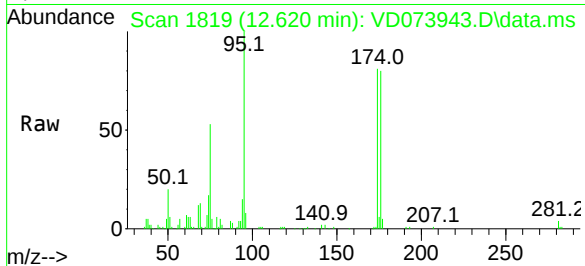




#62
4-Bromofluorobenzene
Concen: 40.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

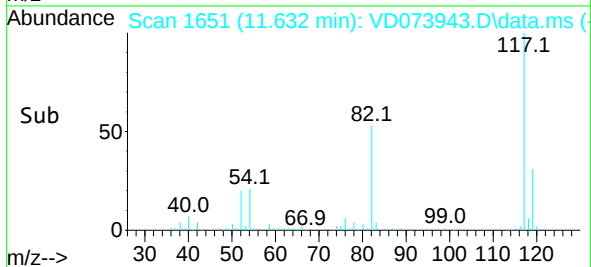
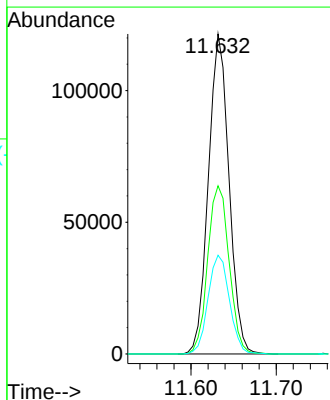
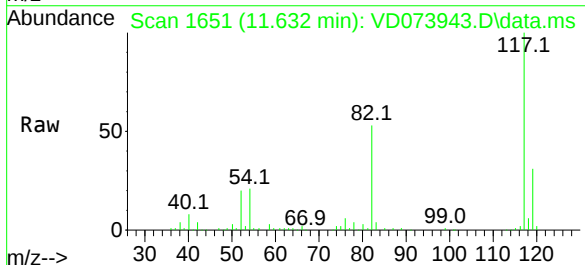
Instrument :
MSVOA_D
ClientSampleId :
MH-CS

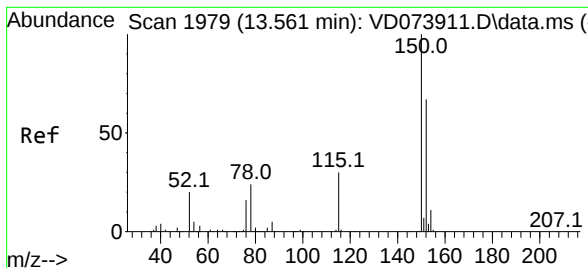
Tgt Ion: 95 Resp: 69943
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.2
176 80.3 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073943.D
Acq: 03 Aug 2022 16:31

Tgt Ion: 117 Resp: 204733
Ion Ratio Lower Upper
117 100
82 52.6 43.3 64.9
119 30.9 25.8 38.8

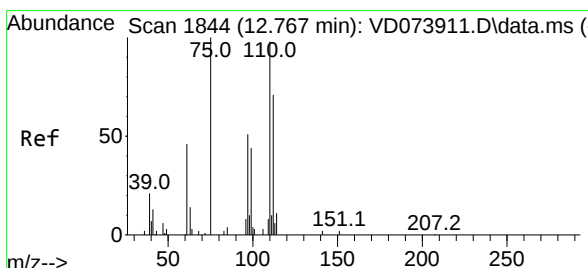
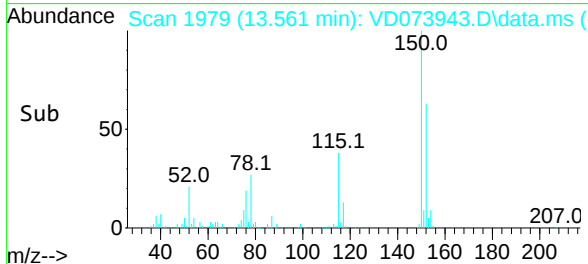
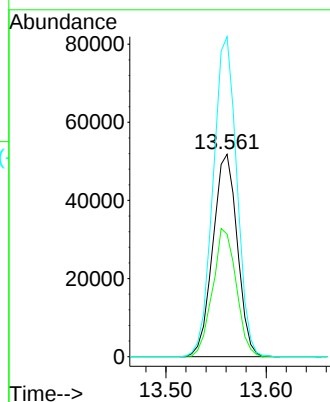
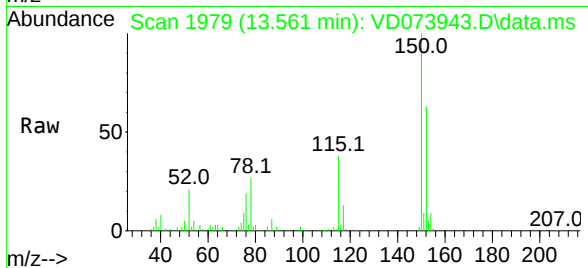




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073943.D
 Acq: 03 Aug 2022 16:31

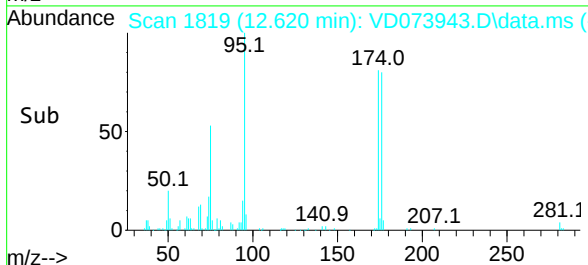
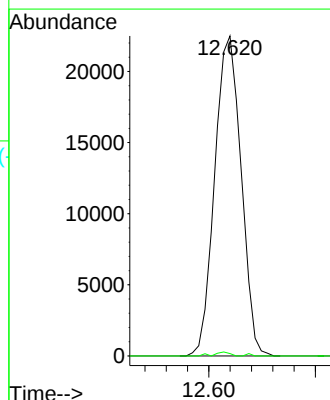
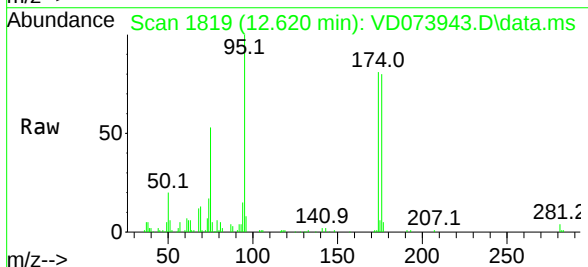
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-CS

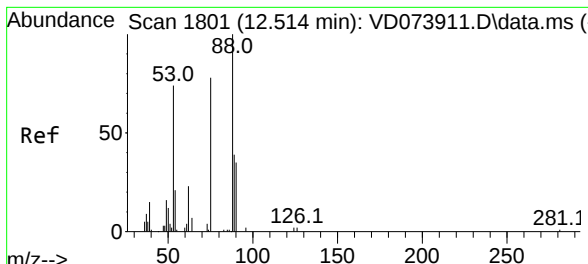
Tgt Ion:152 Resp: 87430
 Ion Ratio Lower Upper
 152 100
 115 61.0 29.1 87.3
 150 153.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 59.269 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073943.D
 Acq: 03 Aug 2022 16:31

Tgt Ion: 75 Resp: 38685
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.942 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073943.D
 Acq: 03 Aug 2022 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-CS

Tgt Ion:	75	Resp:	38685
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.6	107.4#
89	0.0	39.8	59.6#

