

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070176.D
 Acq On : 19 Aug 2021 19:09
 Operator : VA/SY
 Sample : M3414-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8

Quant Time: Aug 20 05:48:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

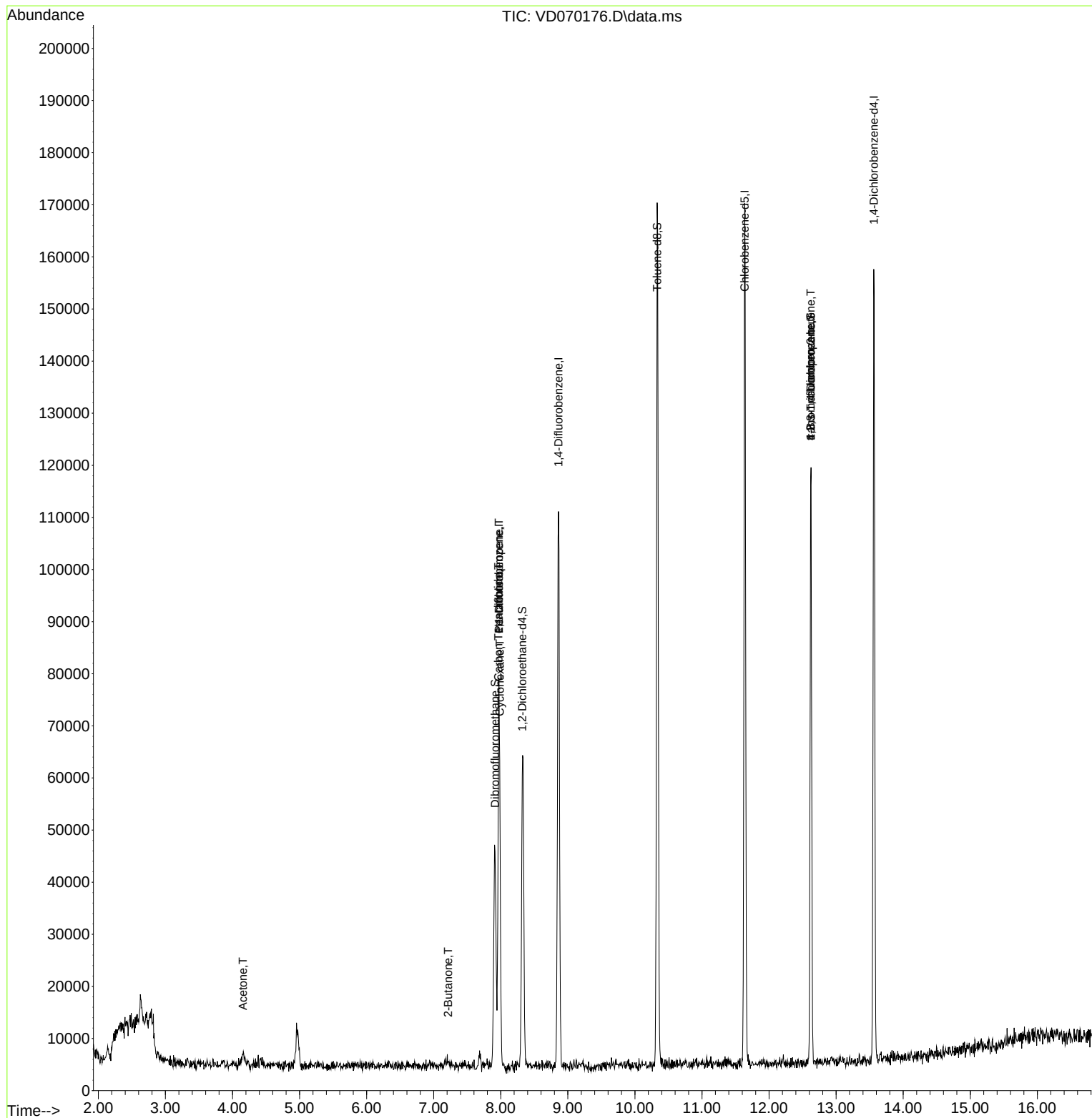
Internal Standards						
1) Pentafluorobenzene	7.973	168	52744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	92789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	97452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	47846	77.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.260%	
35) Dibromofluoromethane	7.914	113	33055	55.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.280%	
50) Toluene-d8	10.332	98	116632	50.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.620	95	36721	47.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.640%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.238	85	55	Below Cal	#	42
3) Chloromethane	2.197	50	724	Below Cal	#	42
5) Bromomethane	2.779	94	1340	Below Cal	#	62
16) Acetone	4.156	43	5118	44.785	ug/l	97
20) Methylene Chloride	4.956	84	6050	Below Cal	#	78
25) 2-Butanone	7.214	43	399	2.555	ug/l	# 44
31) Cyclohexane	7.985	56	1267	1.032	ug/l	# 30
36) 1,1-Dichloropropene	7.973	75	4577	4.585	ug/l	# 43
38) Carbon Tetrachloride	7.967	117	5118	5.648	ug/l	# 10
76) 1,2,3-Trichloropropane	12.620	75	18042	42.171	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	18042	109.459	ug/l	# 17

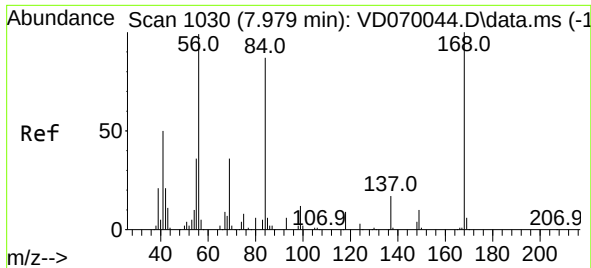
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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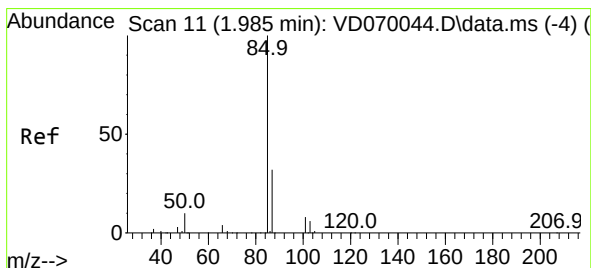
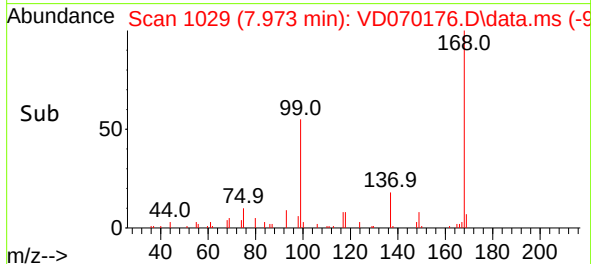
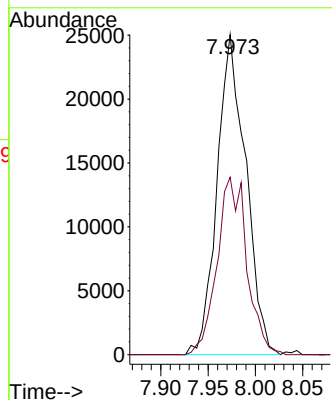
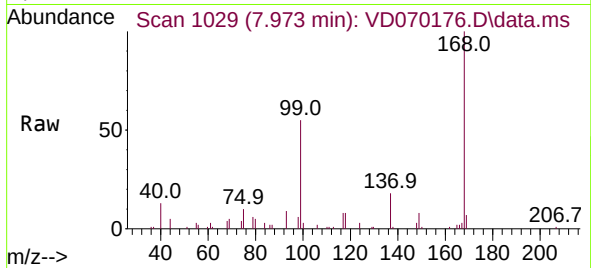




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

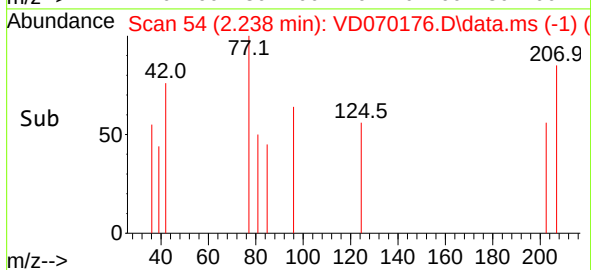
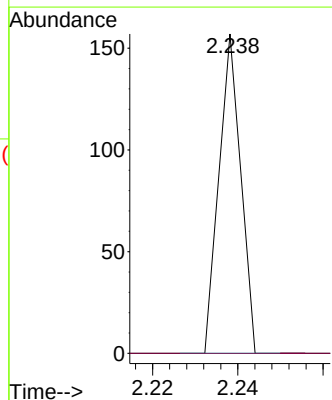
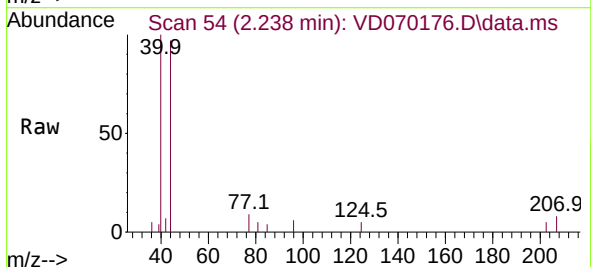
Instrument :
MSVOA_D
ClientSampleId :
B-8

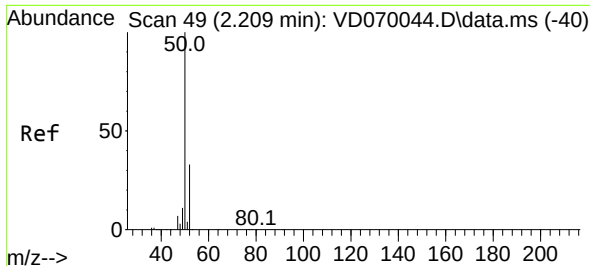
Tgt Ion:168 Resp: 52744
Ion Ratio Lower Upper
168 100
99 55.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.238 min Scan# 54
Delta R.T. 0.253 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 85 Resp: 55
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

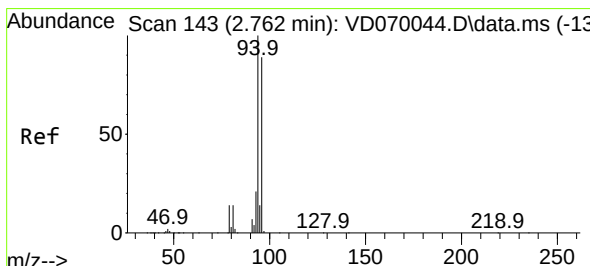
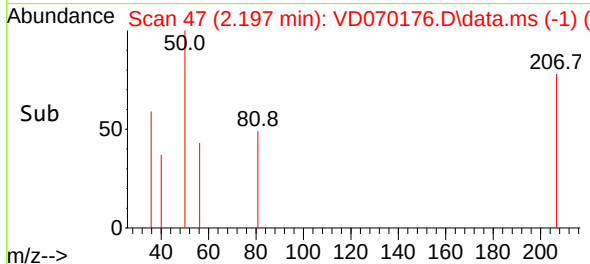
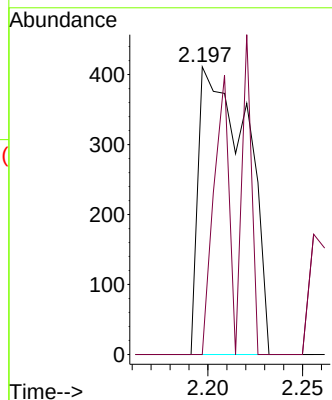
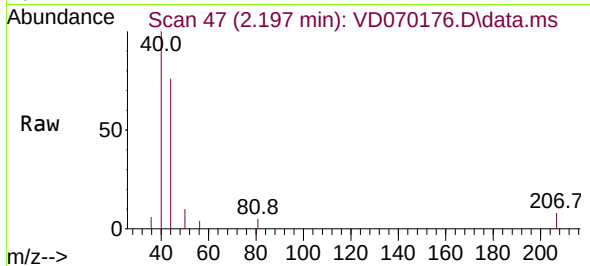




#3
Chloromethane
Concen: Below Cal
RT: 2.197 min Scan# 47
Delta R.T. -0.012 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

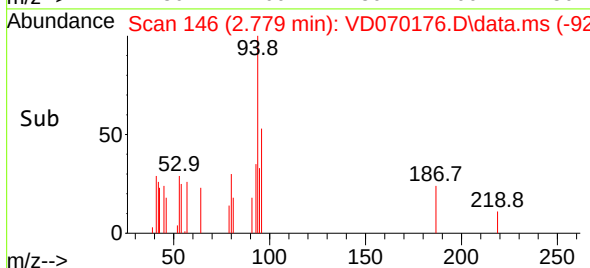
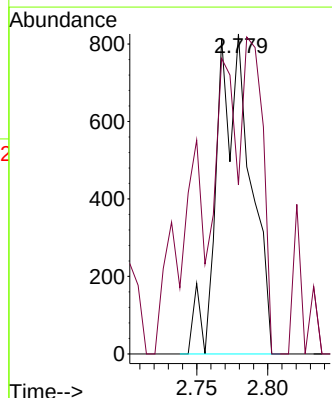
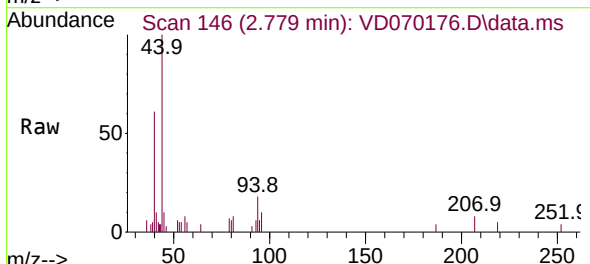
Instrument :
MSVOA_D
ClientSampled :
B-8

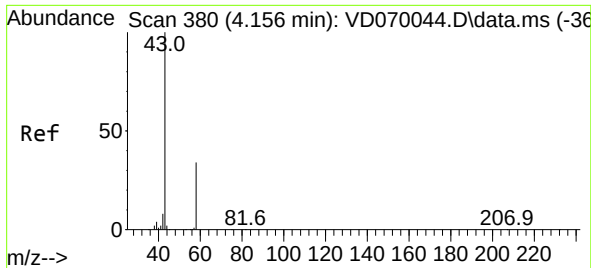
Tgt Ion: 50 Resp: 724
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 94 Resp: 1340
Ion Ratio Lower Upper
94 100
96 52.8 70.9 106.3#

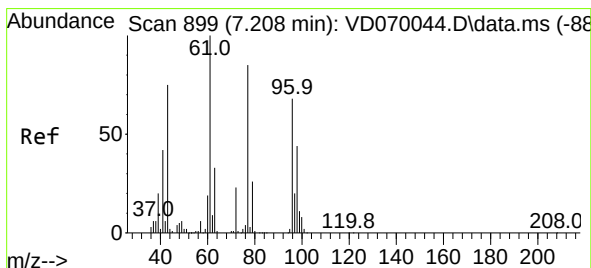
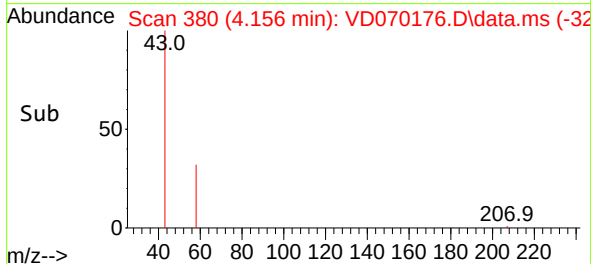
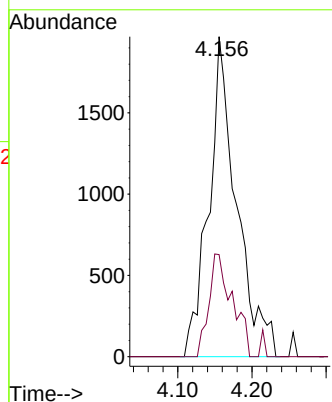
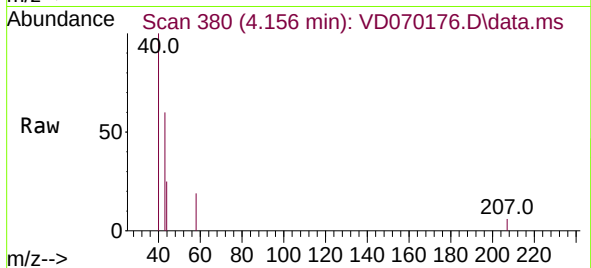




#16
Acetone
Concen: 44.785 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

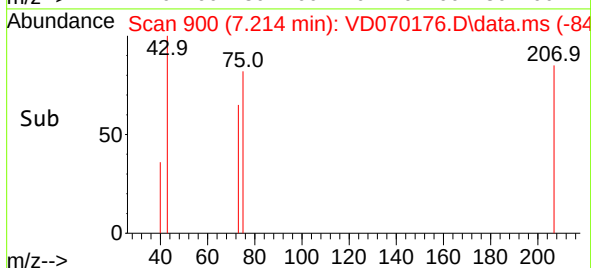
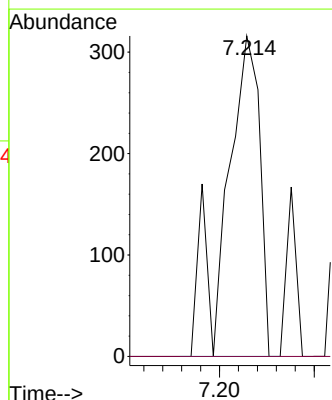
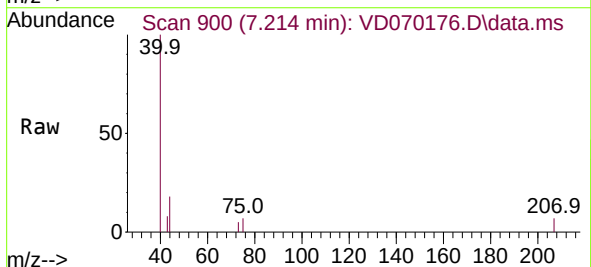
Instrument :
MSVOA_D
ClientSampled :
B-8

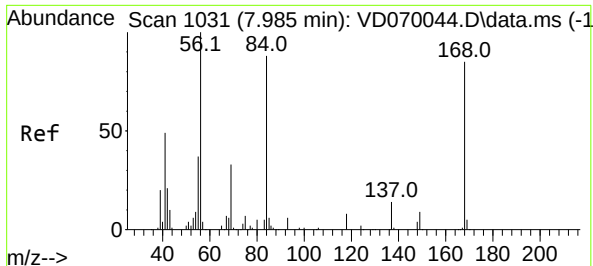
Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 31.9 26.8 40.2



#25
2-Butanone
Concen: 2.555 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
72 0.0 24.2 36.4#

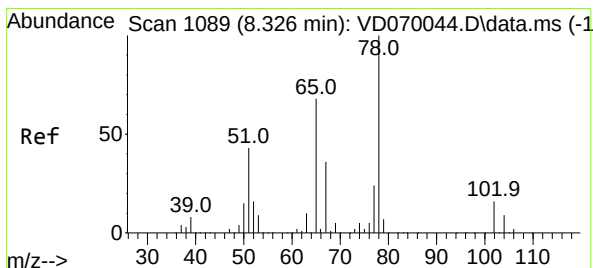
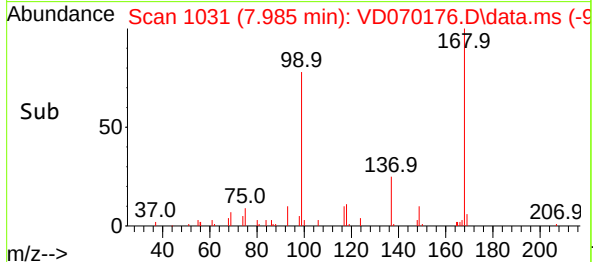
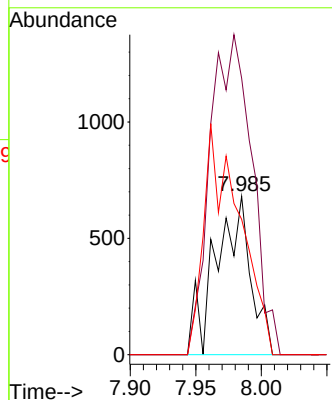
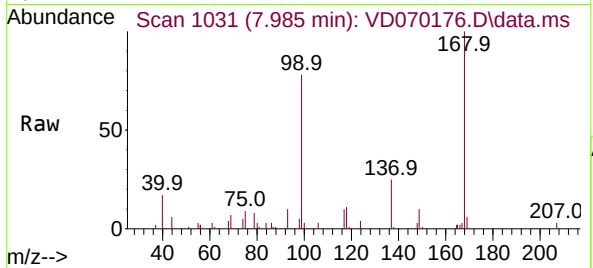




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

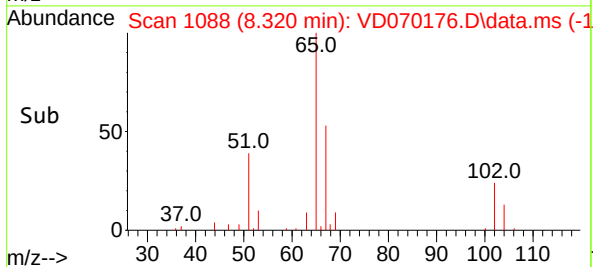
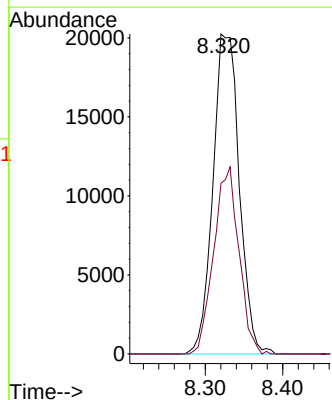
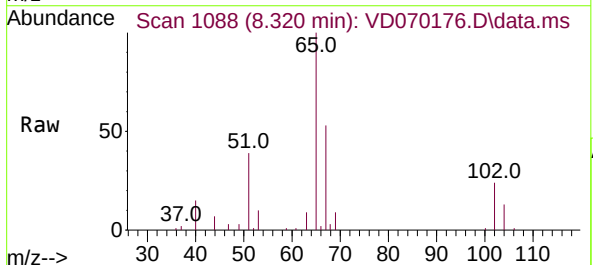
Instrument :
MSVOA_D
ClientSampled :
B-8

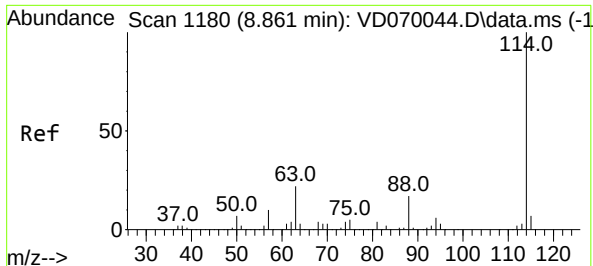
Tgt Ion: 56 Resp: 1267
Ion Ratio Lower Upper
56 100
69 174.4 26.7 40.1#
84 85.5 70.4 105.6



#33
1,2-Dichloroethane-d4
Concen: 77.127 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 65 Resp: 47846
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.8

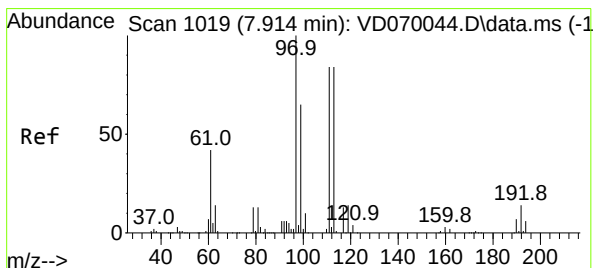
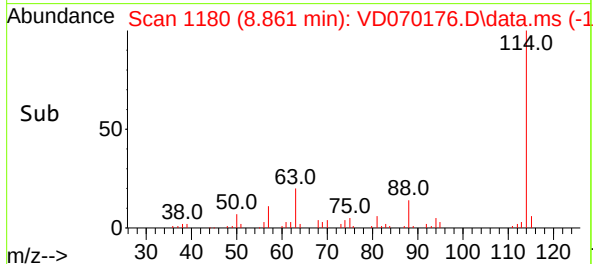
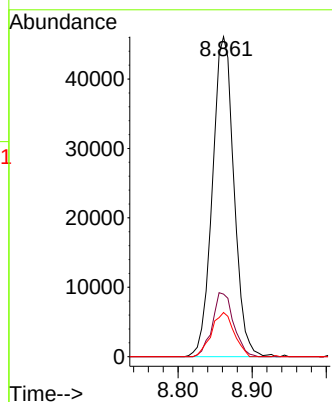
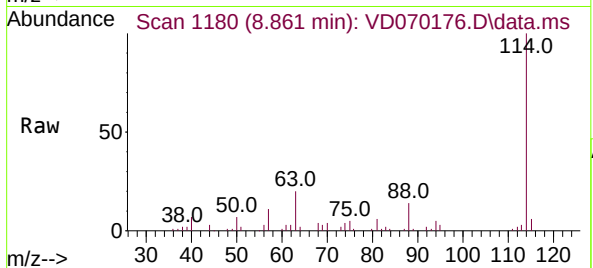




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

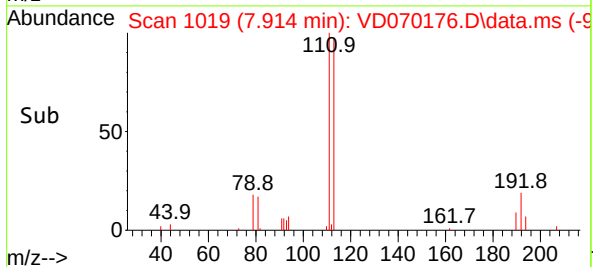
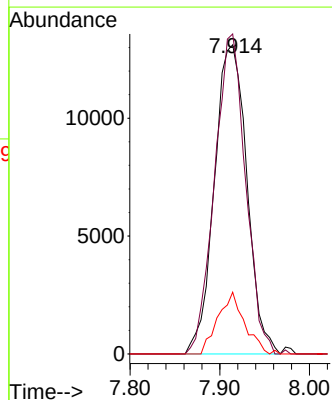
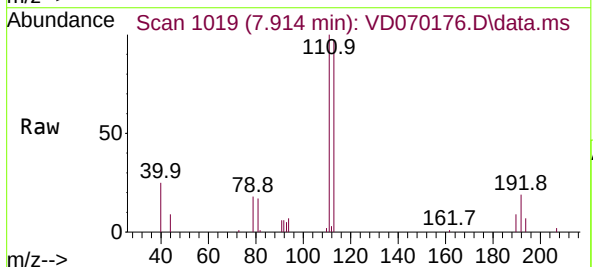
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MSVOA_D
ClientSampleId :
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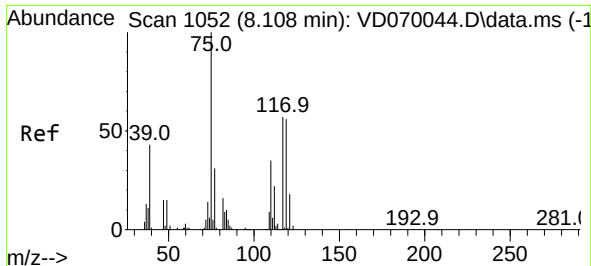
Tgt Ion:	114	Resp:	92789
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	43.6
88	13.8	0.0	33.4



#35
Dibromofluoromethane
Concen: 55.140 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion:	113	Resp:	33055
Ion Ratio	Lower	Upper	
113	100		
111	98.3	81.8	122.6
192	16.4	13.2	19.8

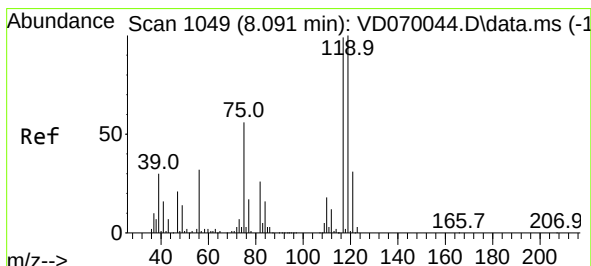
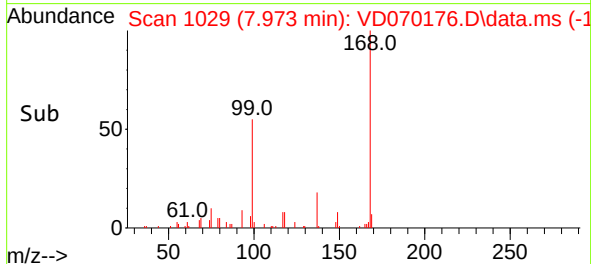
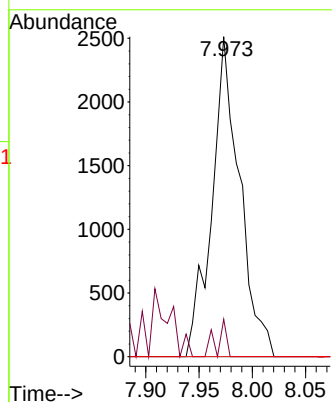
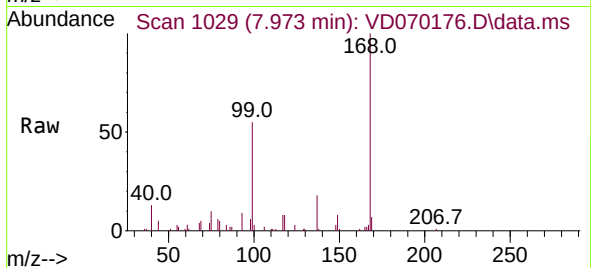




#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

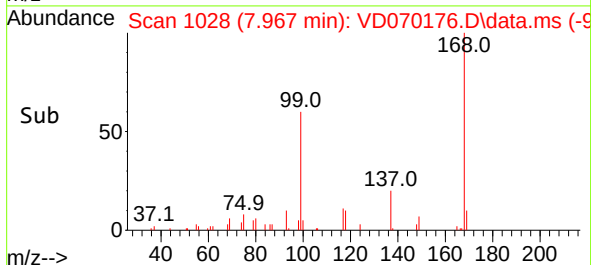
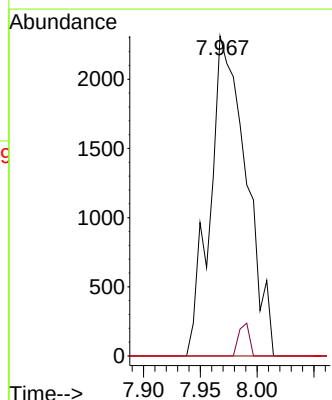
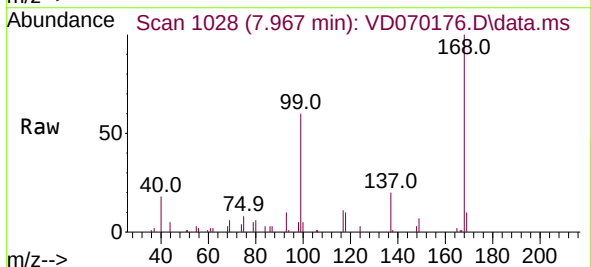
Instrument :
MSVOA_D
ClientSampled :
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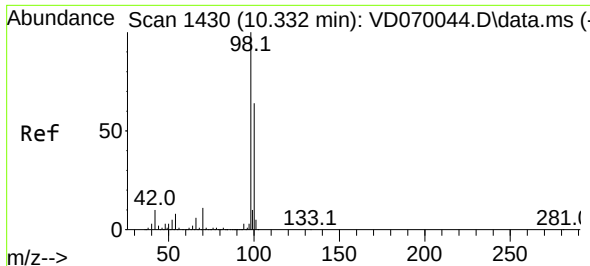
Tgt Ion: 75 Resp: 4577
Ion Ratio Lower Upper
75 100
110 1.6 16.9 50.7#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.648 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 117 Resp: 5118
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.6#
121 0.0 25.0 37.6#

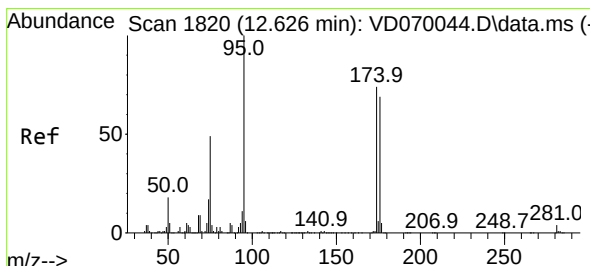
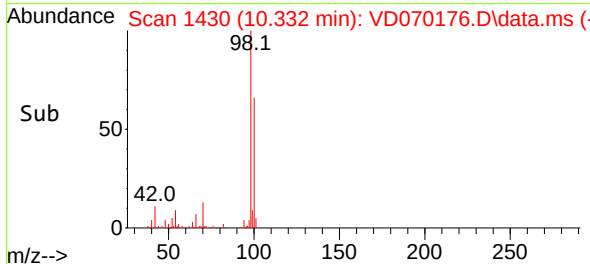
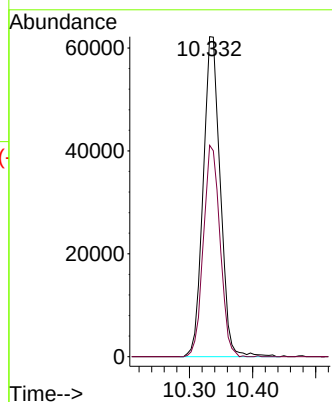
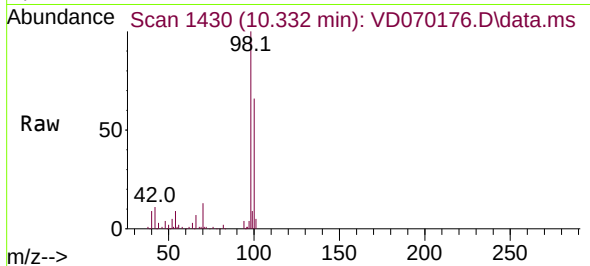




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

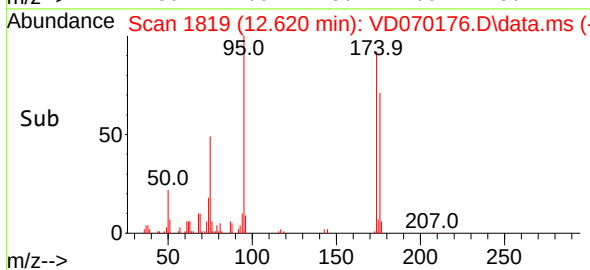
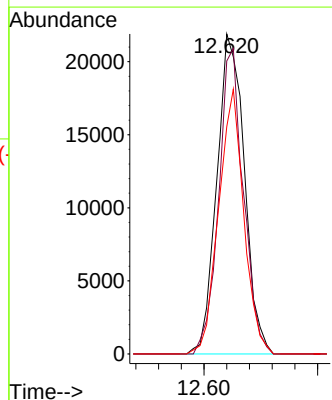
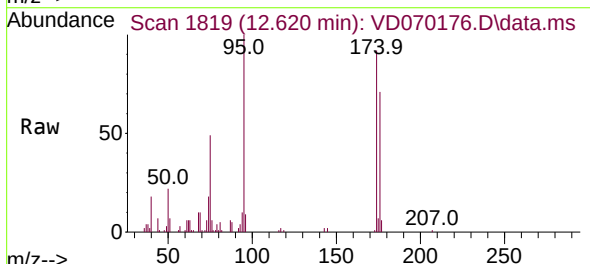
Instrument :
MSVOA_D
ClientSampleId :
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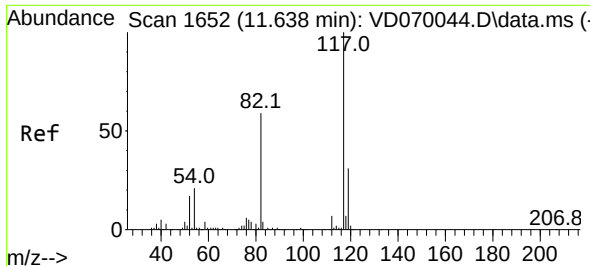
Tgt Ion: 98 Resp: 116632
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.815 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 95 Resp: 36721
Ion Ratio Lower Upper
95 100
174 86.0 0.0 141.6
176 75.8 0.0 138.2

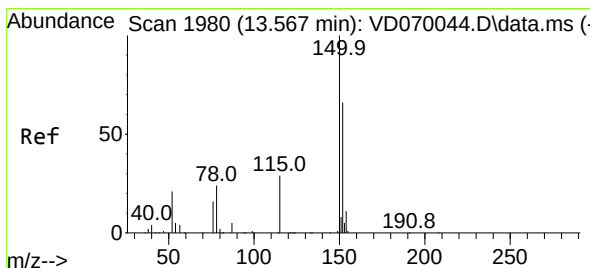
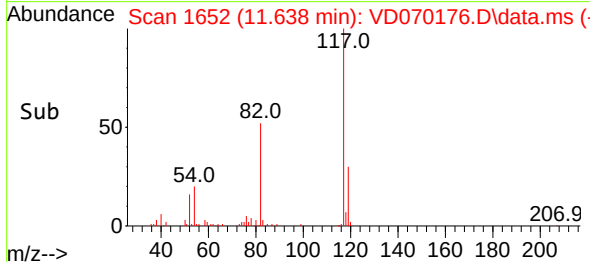
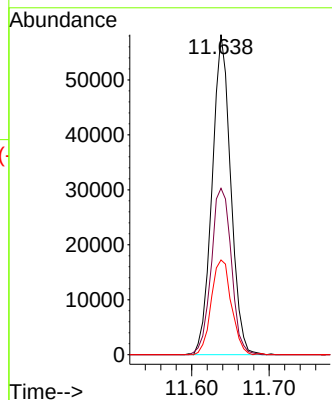
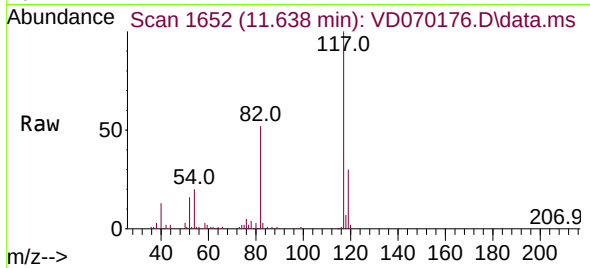




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

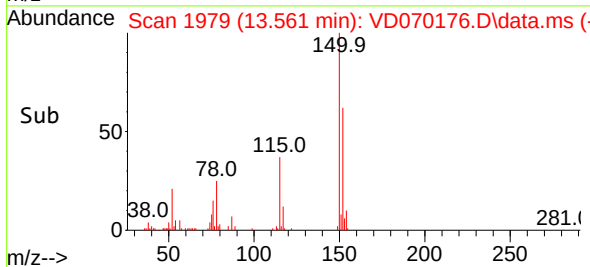
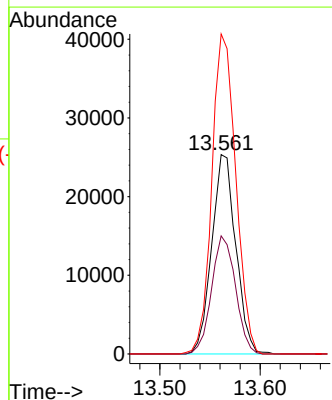
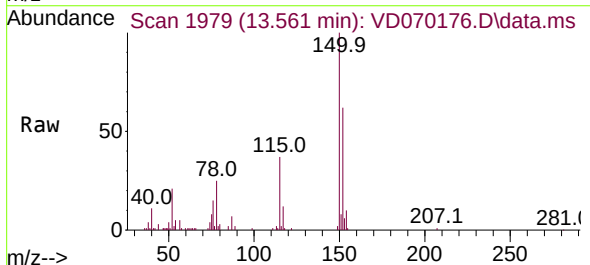
Instrument :
MSVOA_D
ClientSampled :
B-8

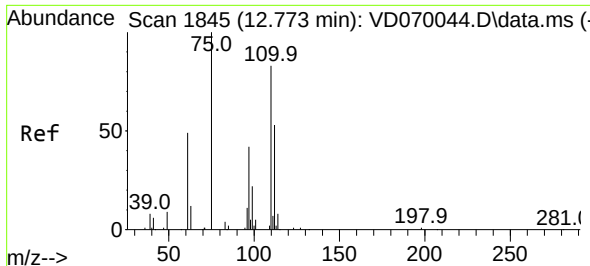
Tgt Ion:	117	Resp:	97452
Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.5	71.3
119	29.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion:	152	Resp:	42187
Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.2	93.6
150	159.5	0.0	352.0

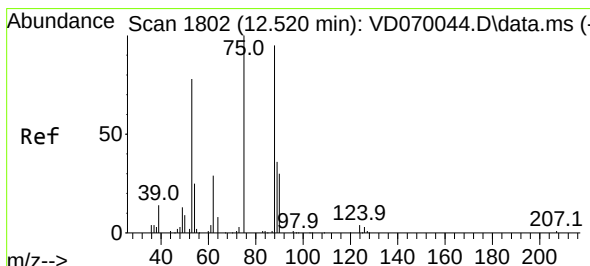
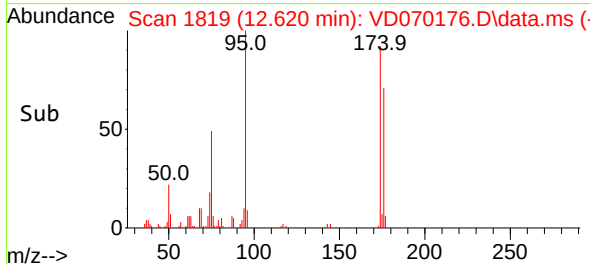
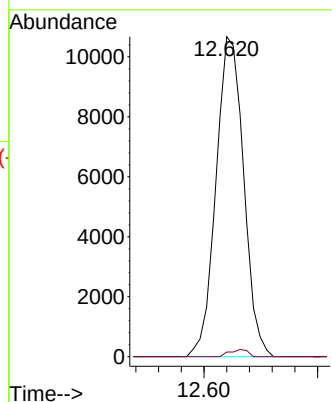
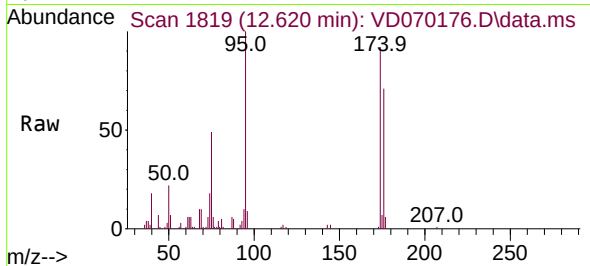




#76
1,2,3-Trichloropropane
Concen: 42.171 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
B-8

Tgt Ion: 75 Resp: 18042
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.459 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 75 Resp: 18042
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#

