

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071027.D
 Acq On : 15 Nov 2021 14:21
 Operator : VA/SY
 Sample : M4595-06RE
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 15:39:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

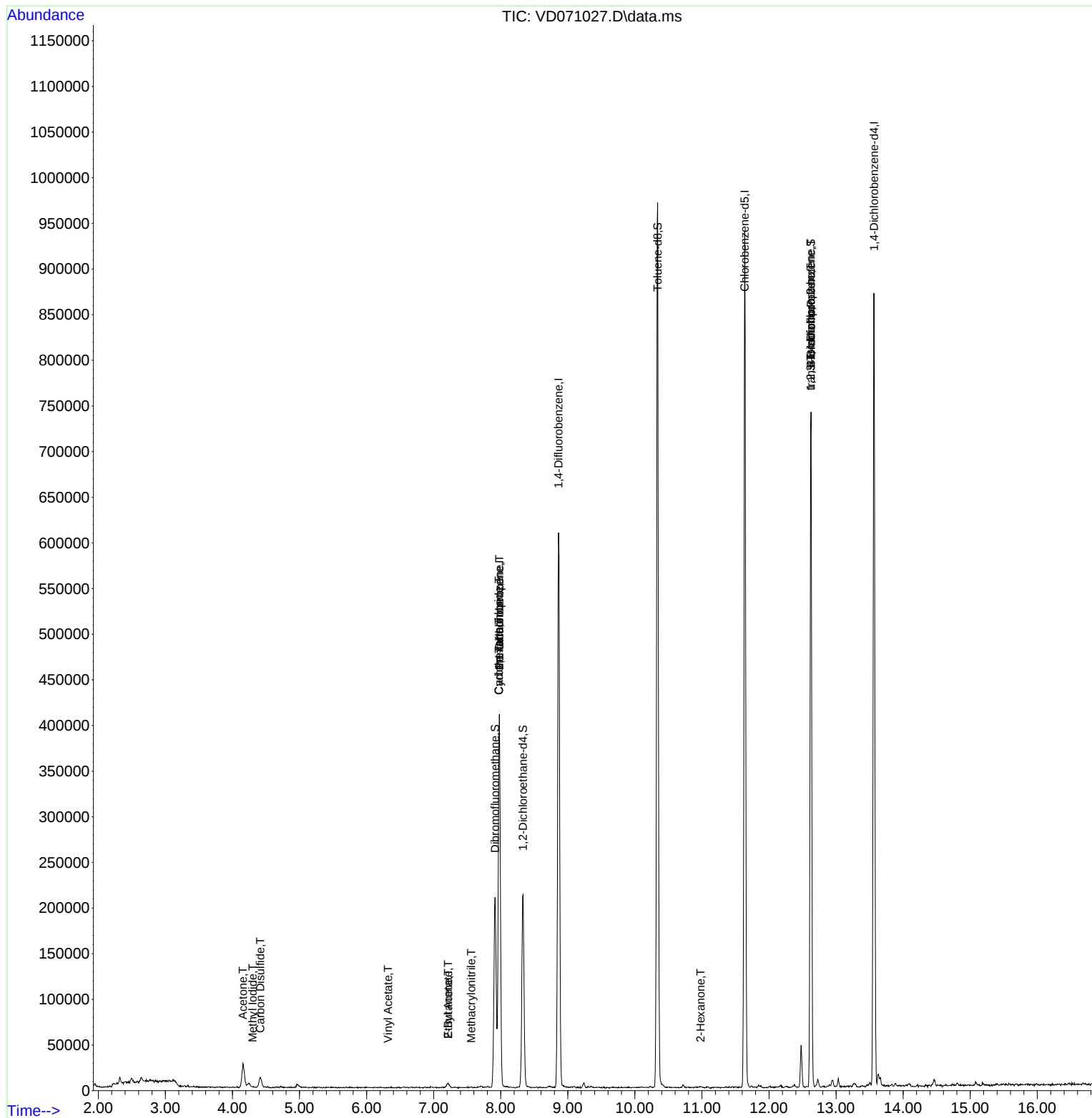
Internal Standards						
1) Pentafluorobenzene	7.979	168	289964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	502045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	486021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165321	53.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.100%			
35) Dibromofluoromethane	7.914	113	145373	51.315	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.640%			
50) Toluene-d8	10.338	98	635219	57.255	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.520%			
62) 4-Bromofluorobenzene	12.626	95	232769	58.270	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.540%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	123	6.054	ug/l #	40
16) Acetone	4.156	43	44933	69.422	ug/l	91
17) Carbon Disulfide	4.415	76	22889	2.574	ug/l	100
20) Methylene Chloride	4.956	84	1250	Below Cal	#	83
23) Vinyl Acetate	6.320	43	116	21.000	ug/l #	72
25) 2-Butanone	7.214	43	7056	26.383	ug/l #	84
31) Cyclohexane	7.973	56	8047	1.267	ug/l #	3
36) 1,1-Dichloropropene	7.979	75	25779	5.751	ug/l #	50
37) Ethyl Acetate	7.214	43	7056	3.450	ug/l #	69
38) Carbon Tetrachloride	7.973	117	30729	7.444	ug/l #	17
41) Methacrylonitrile	7.561	41	261	3.667	ug/l #	12
59) 2-Hexanone	10.979	43	1515	16.799	ug/l #	54
71) Bromoform	12.626	173	2175	1.355	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	129796	67.577	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	129796	124.796	ug/l #	18

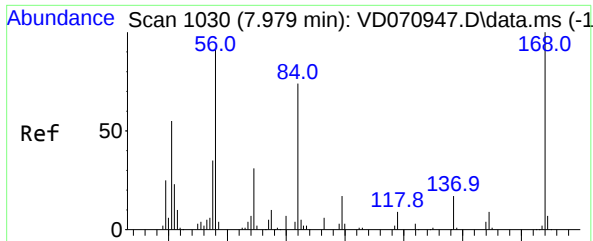
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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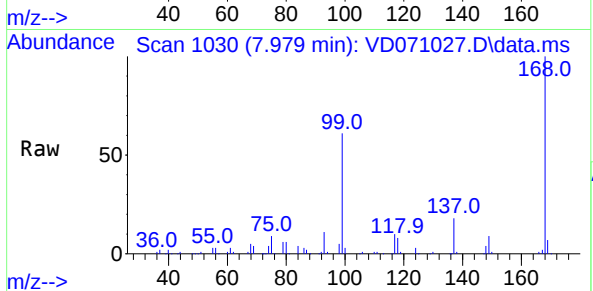
Quant Time: Nov 15 15:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
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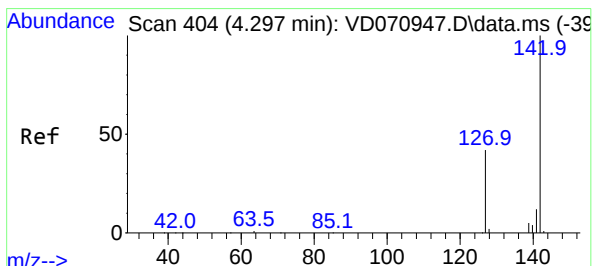
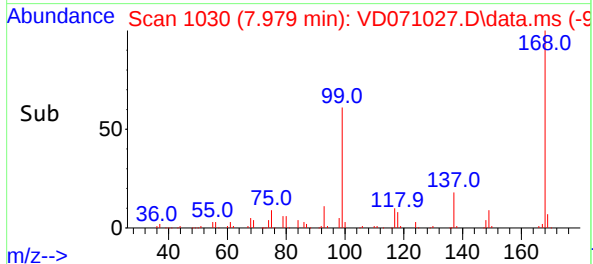
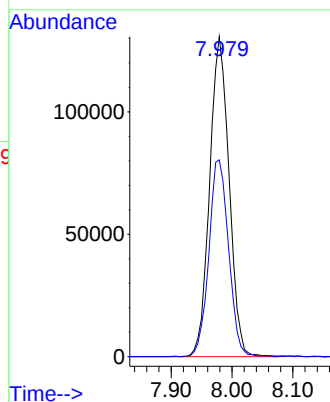


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :

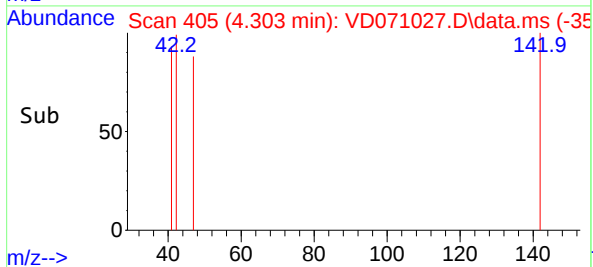
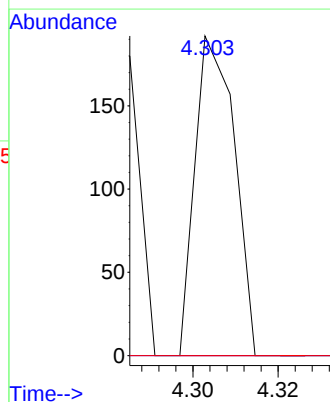
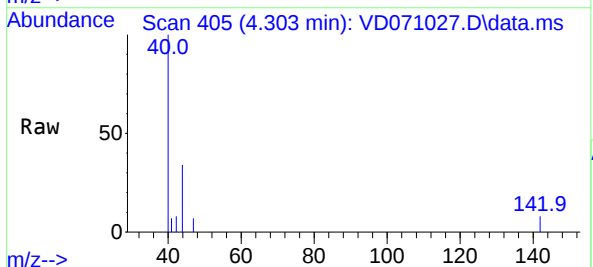


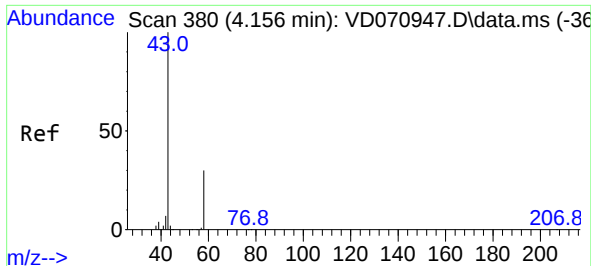
Tgt Ion:168 Resp: 289964
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#10
Methyl Iodide
Concen: 6.054 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

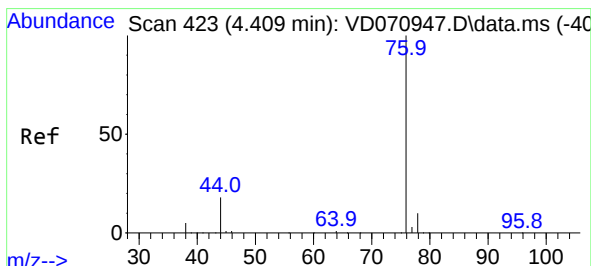
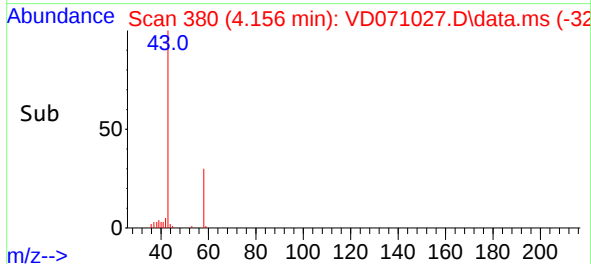
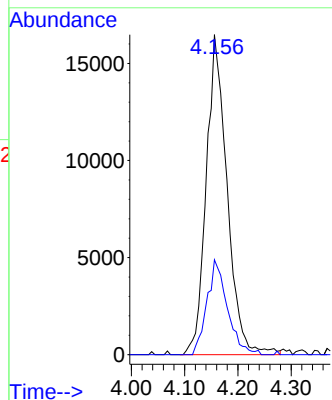
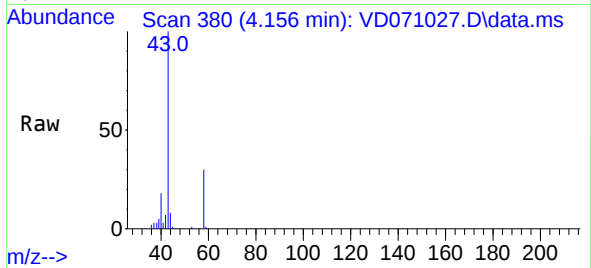




#16
Acetone
Concen: 69.422 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

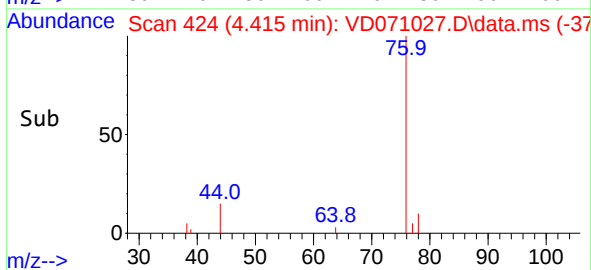
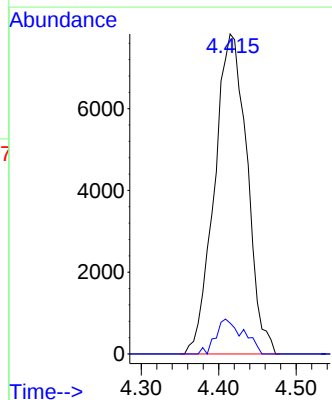
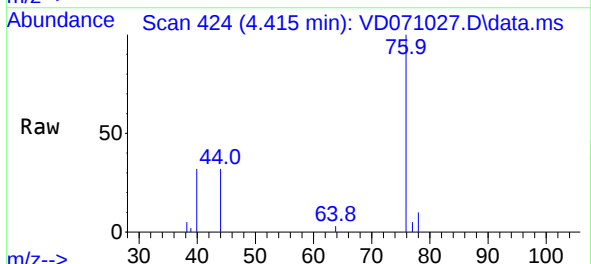
Instrument :
MSVOA_D
ClientSampleId :

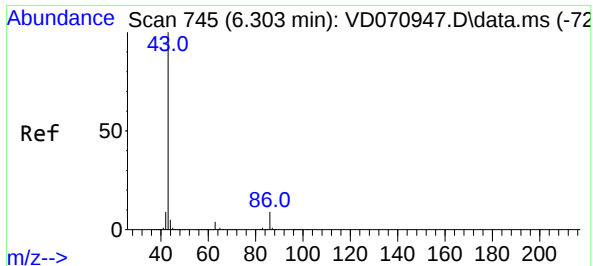
Tgt Ion: 43 Resp: 44933
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8



#17
Carbon Disulfide
Concen: 2.574 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion: 76 Resp: 22889
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8

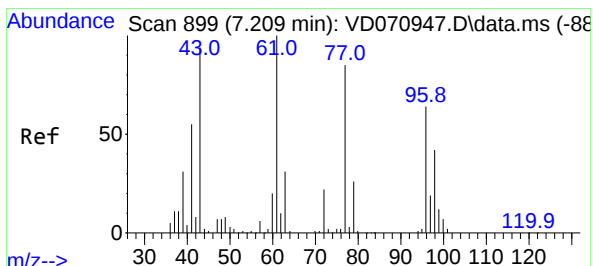
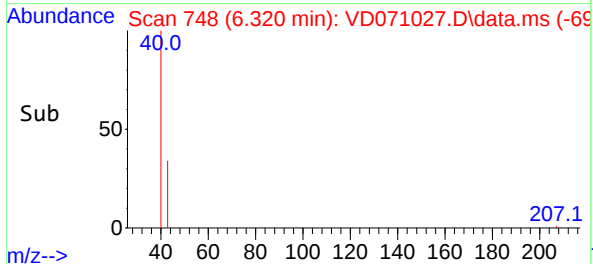
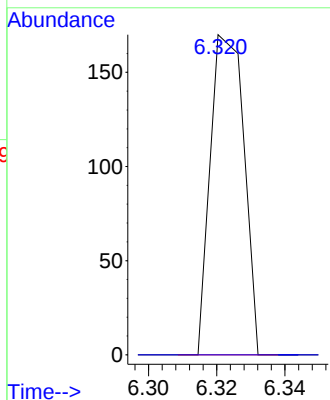
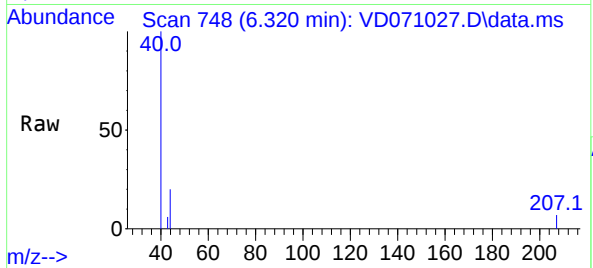




#23
 Vinyl Acetate
 Concen: 21.000 ug/l
 RT: 6.320 min Scan# 745
 Delta R.T. 0.017 min
 Lab File: VD071027.D
 Acq: 15 Nov 2021 14:21

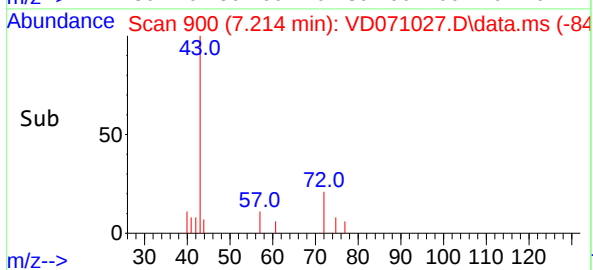
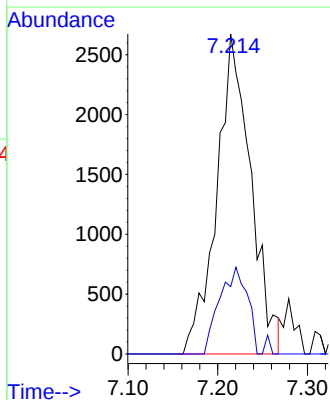
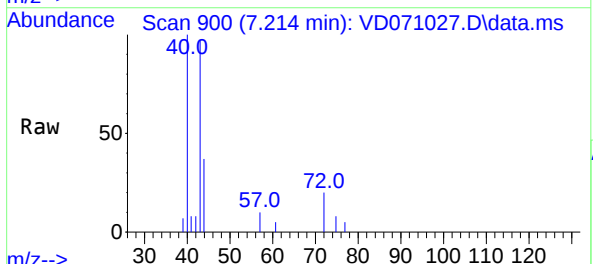
Instrument :
 MSVOA_D
 ClientSampleId :

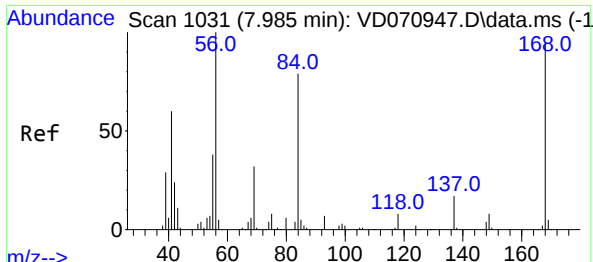
Tgt Ion: 43 Resp: 116
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 26.383 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.005 min
 Lab File: VD071027.D
 Acq: 15 Nov 2021 14:21

Tgt Ion: 43 Resp: 7056
 Ion Ratio Lower Upper
 43 100
 72 21.1 23.8 35.6#





#31

Cyclohexane

Concen: 1.267 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

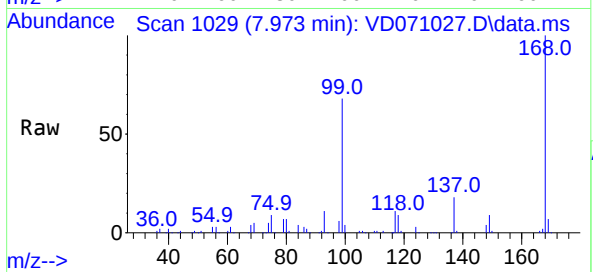
Lab File: VD071027.D

Acq: 15 Nov 2021 14:21

Instrument :

MSVOA_D

ClientSampleId :



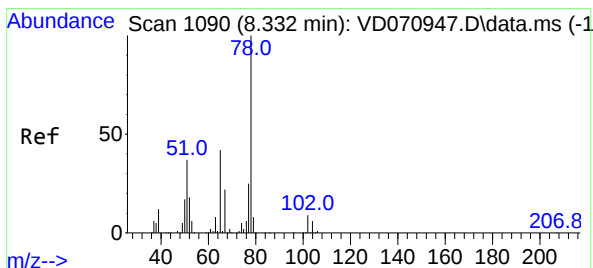
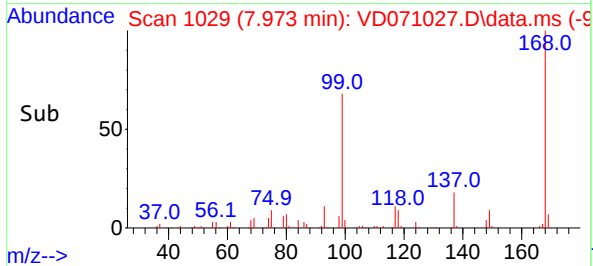
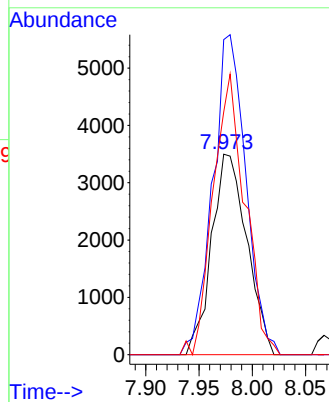
Tgt Ion: 56 Resp: 8047

Ion Ratio Lower Upper

56 100

69 157.2 25.9 38.9#

84 121.1 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 53.549 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071027.D

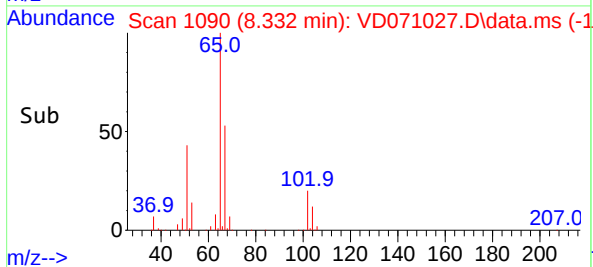
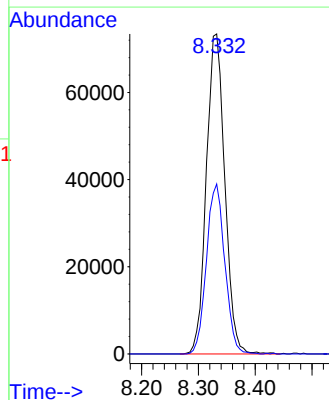
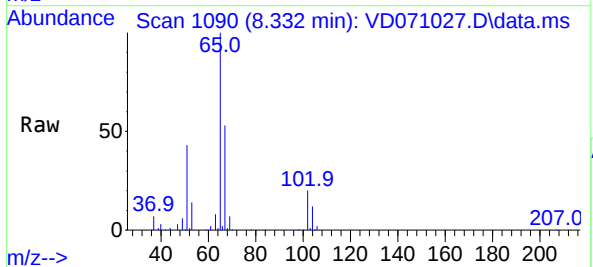
Acq: 15 Nov 2021 14:21

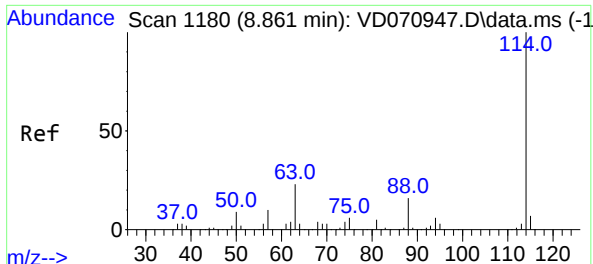
Tgt Ion: 65 Resp: 165321

Ion Ratio Lower Upper

65 100

67 52.8 0.0 112.2

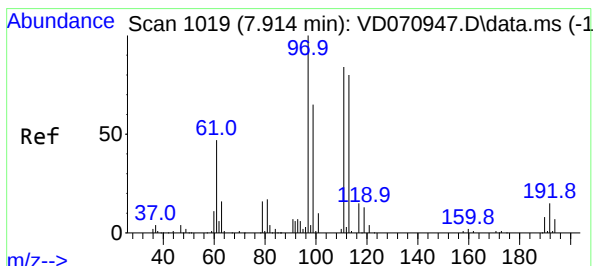
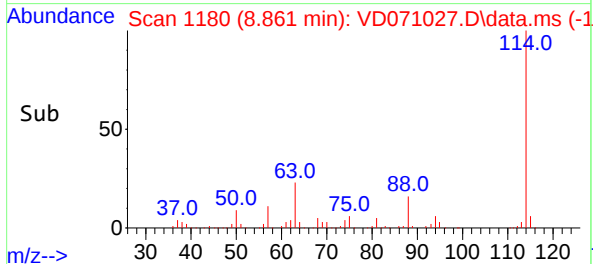
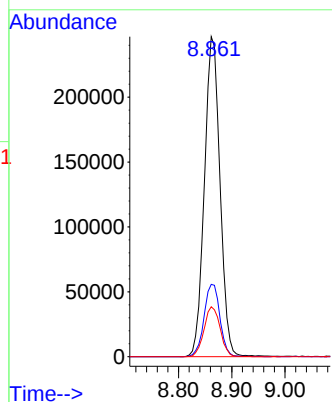
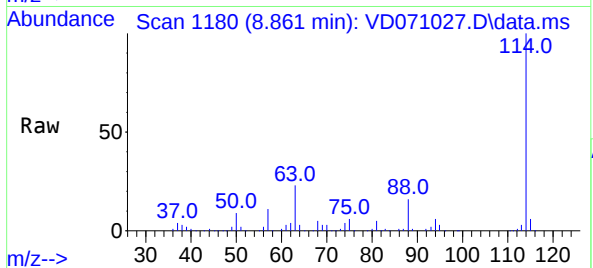




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

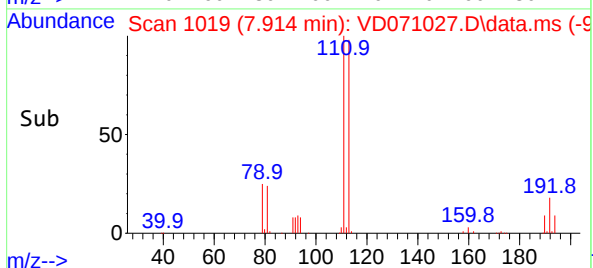
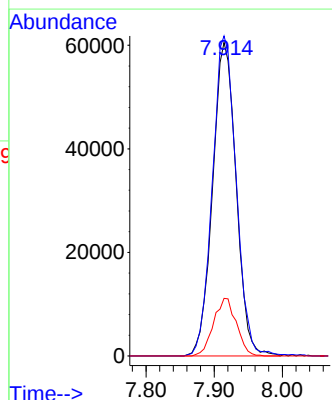
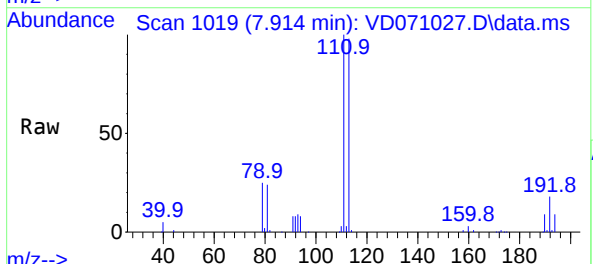
Instrument :
MSVOA_D
ClientSampleId :

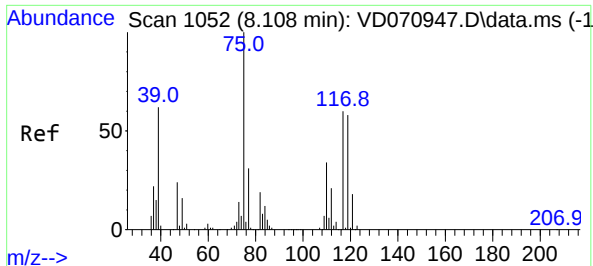
Tgt Ion:114 Resp: 502045
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.315 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion:113 Resp: 145373
Ion Ratio Lower Upper
113 100
111 103.6 82.0 123.0
192 17.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.751 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.129 min

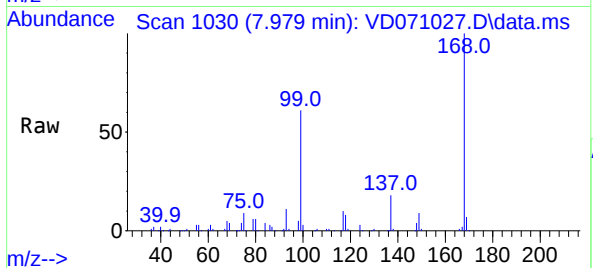
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Acq: 15 Nov 2021 14:21

Instrument :

MSVOA_D

ClientSampleId :



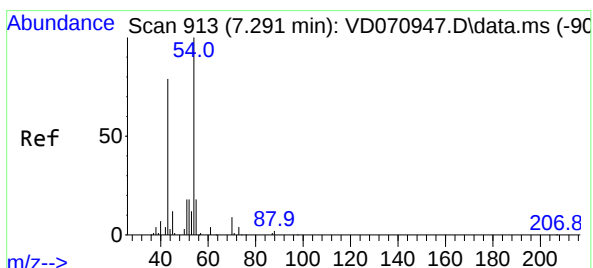
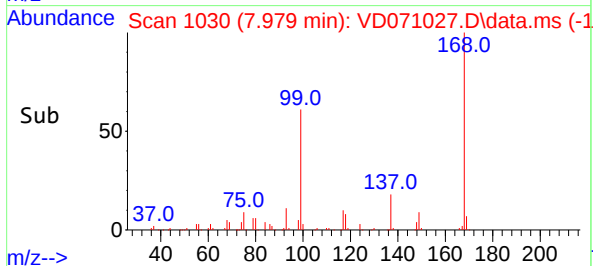
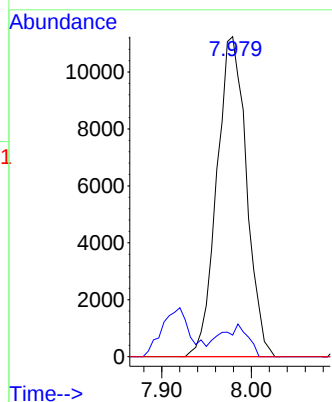
Tgt Ion: 75 Resp: 25779

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.4#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 3.450 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.077 min

Lab File: VD071027.D

Acq: 15 Nov 2021 14:21

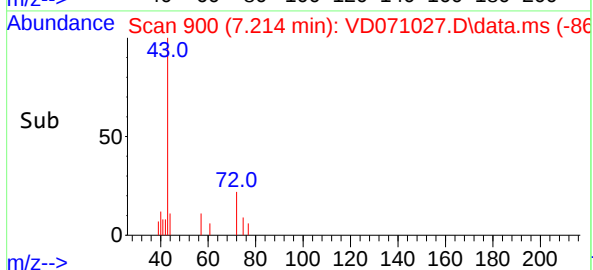
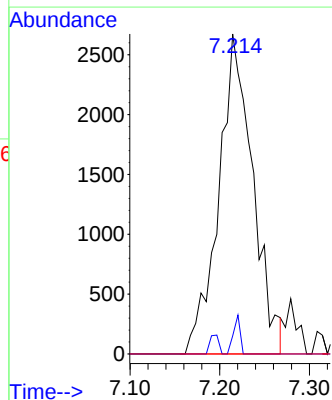
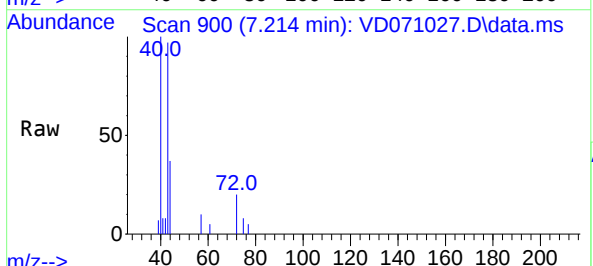
Tgt Ion: 43 Resp: 7056

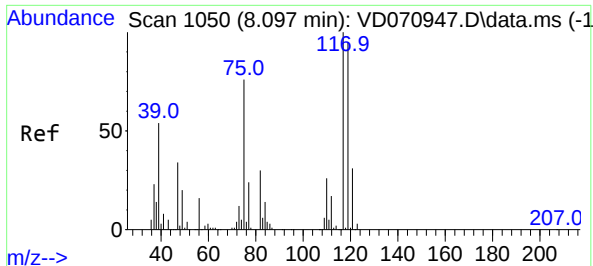
Ion Ratio Lower Upper

43 100

61 2.4 13.0 19.6#

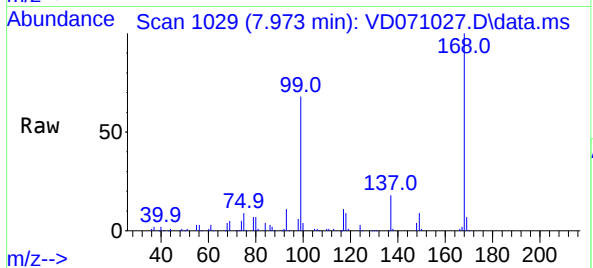
70 0.0 8.7 13.1#



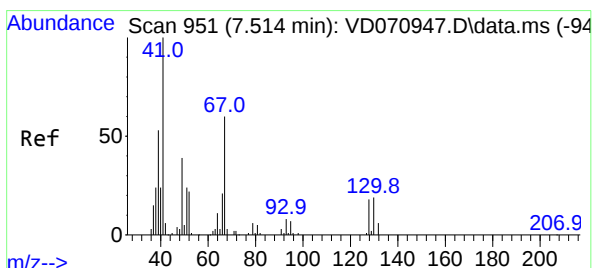
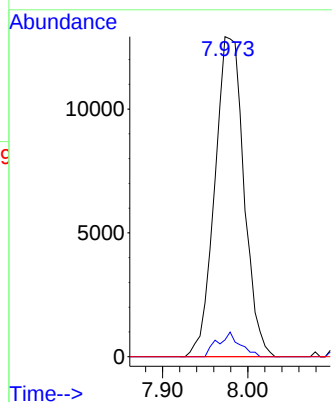
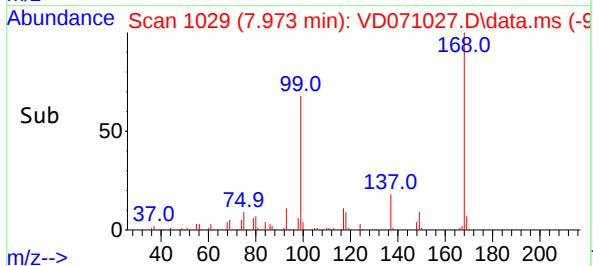


#38
Carbon Tetrachloride
Concen: 7.444 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :

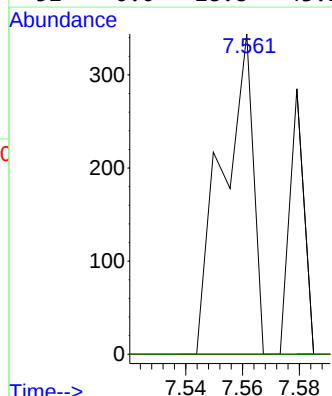
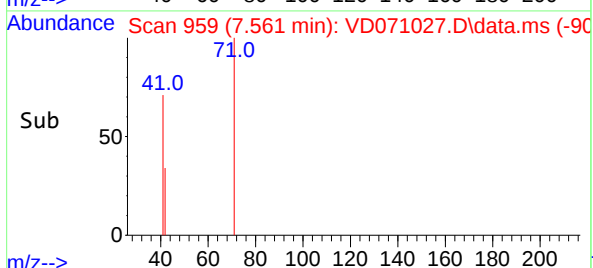
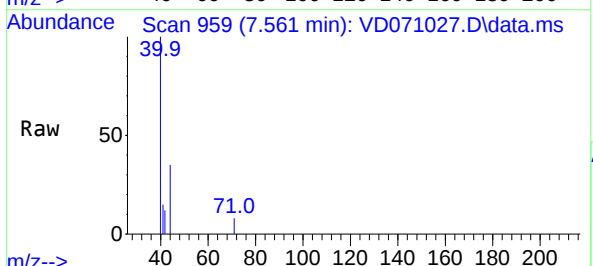


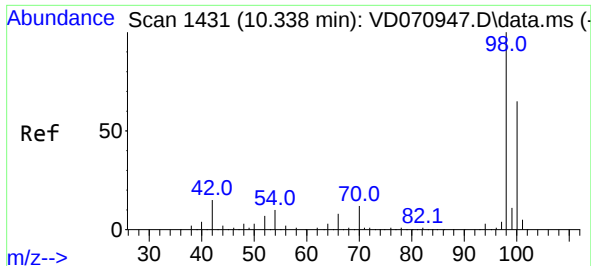
Tgt Ion:117 Resp: 30729
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 23.6 35.4#



#41
Methacrylonitrile
Concen: 3.667 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion: 41 Resp: 261
Ion Ratio Lower Upper
41 100
39 0.0 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#

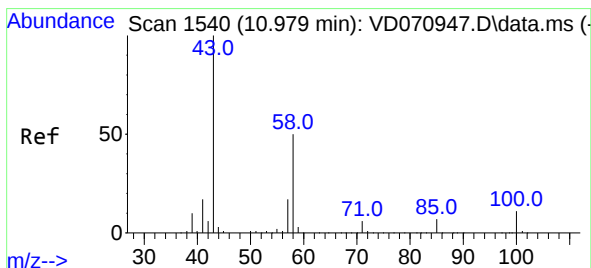
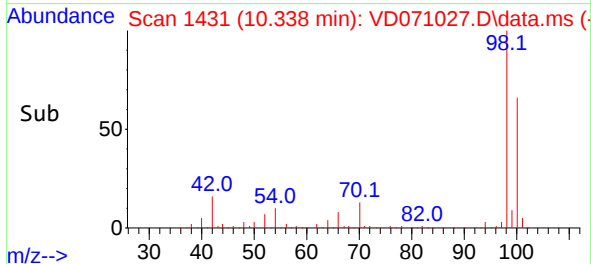
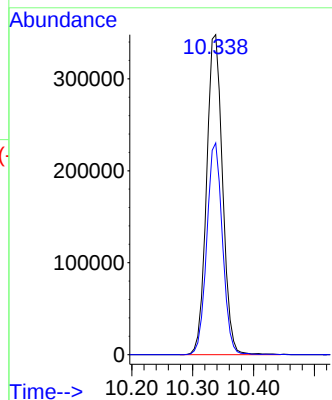
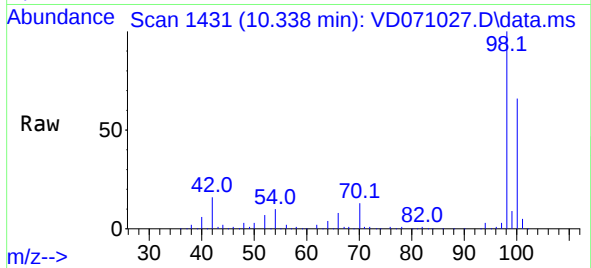




#50
Toluene-d8
Concen: 57.255 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

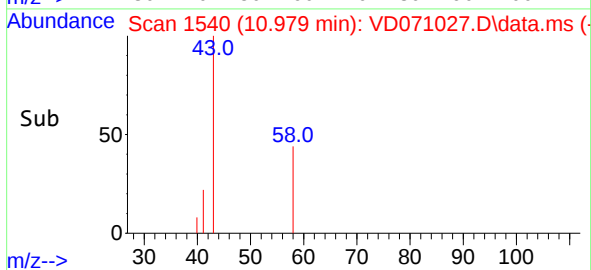
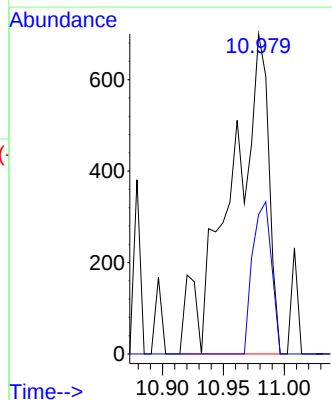
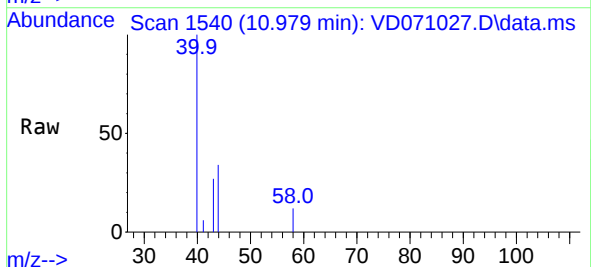
Instrument :
MSVOA_D
ClientSampleId :

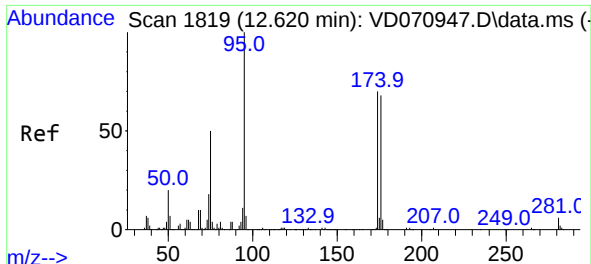
Tgt Ion: 98 Resp: 635219
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#59
2-Hexanone
Concen: 16.799 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 23.7 28.7 86.1#

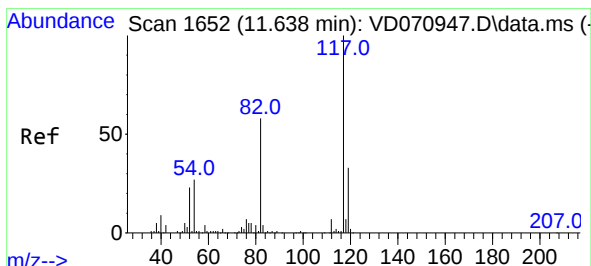
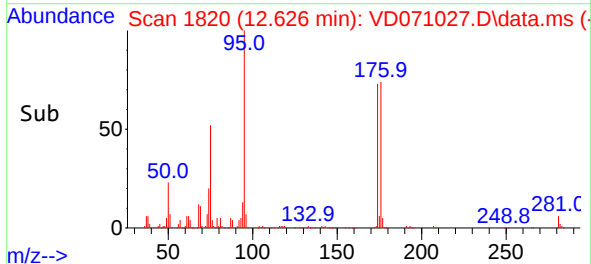
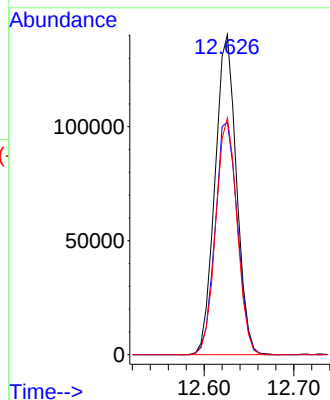
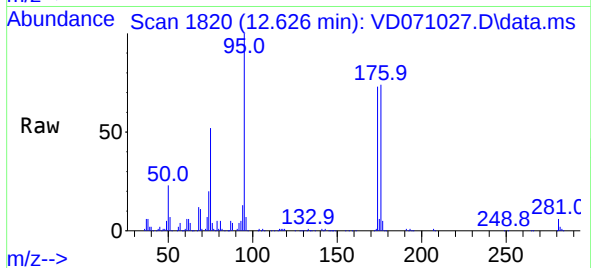




#62
4-Bromofluorobenzene
Concen: 58.270 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

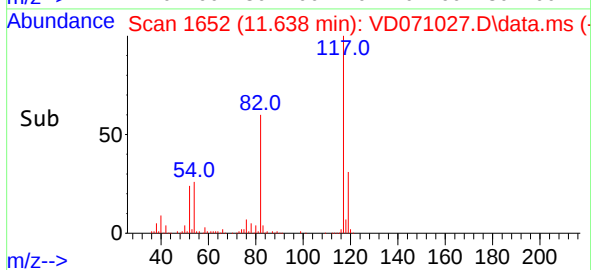
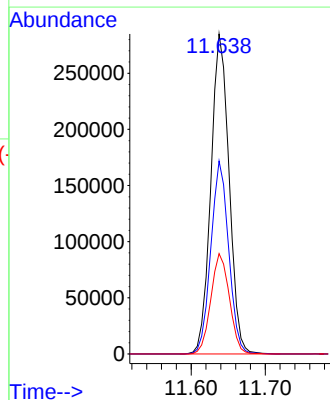
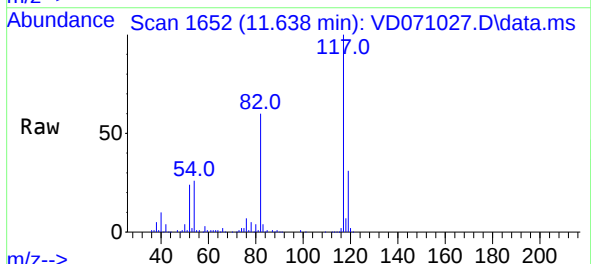
Instrument :
MSVOA_D
ClientSampleId :

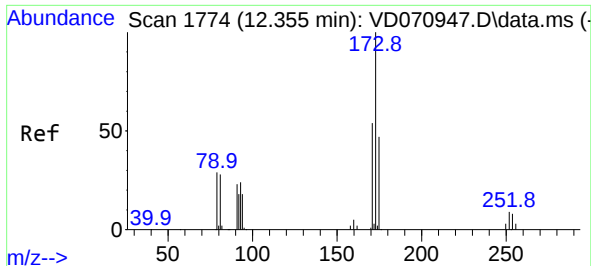
Tgt Ion: 95 Resp: 232769
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.4
176 73.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion: 117 Resp: 486021
Ion Ratio Lower Upper
117 100
82 60.3 44.7 67.1
119 31.4 26.2 39.4

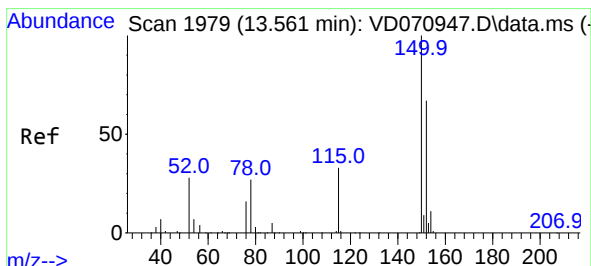
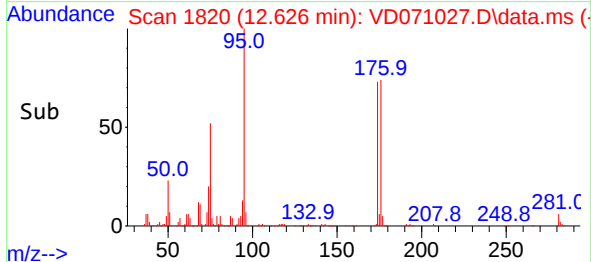
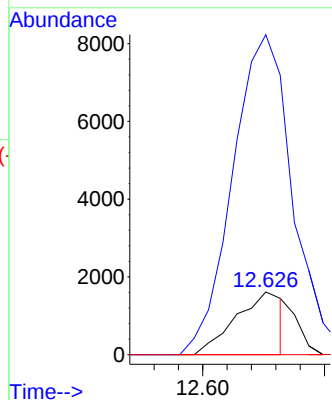
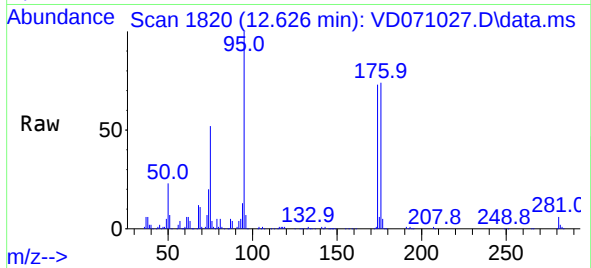




#71
Bromoform
Concen: 1.355 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

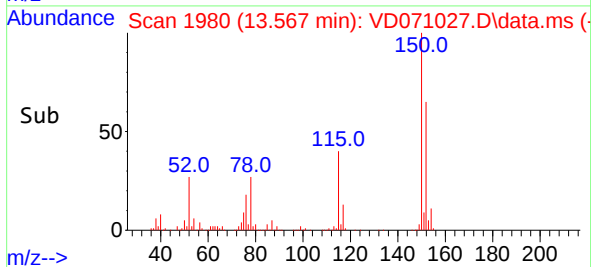
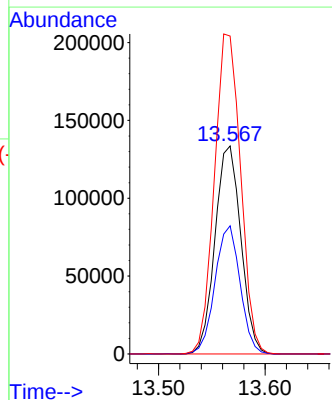
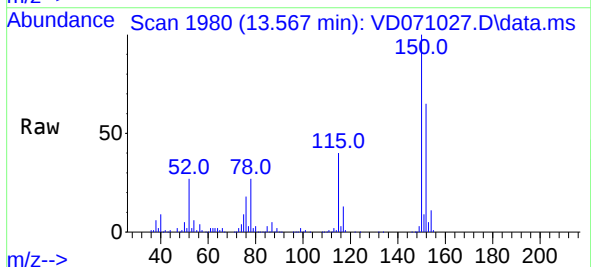
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 2175
Ion Ratio Lower Upper
173 100
175 535.0 24.1 72.2#
254 0.0 0.1 0.1#

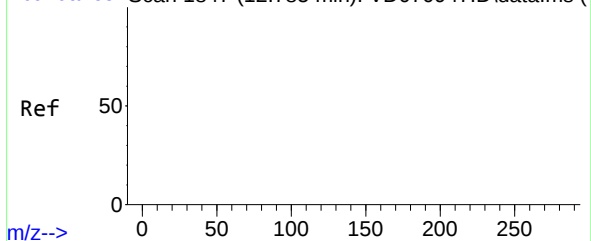


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

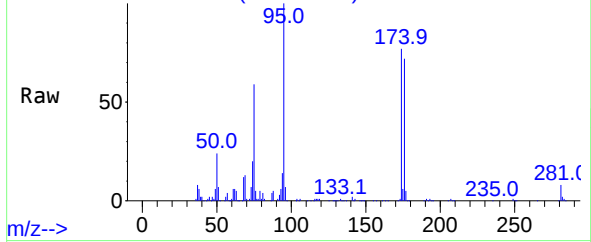
Tgt Ion:152 Resp: 224853
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 156.0 0.0 349.2



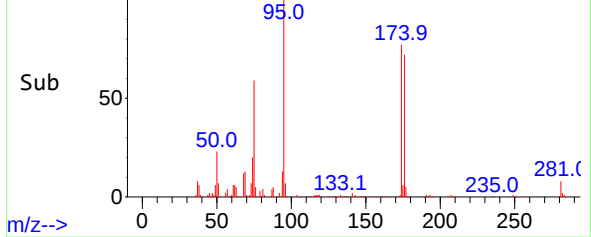
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



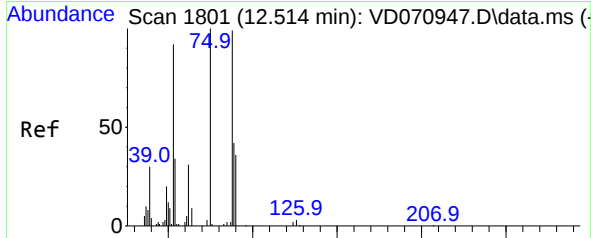
Ref 50



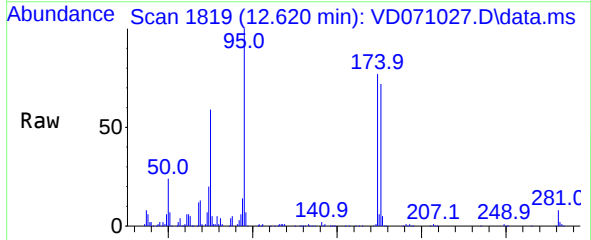
Raw 50



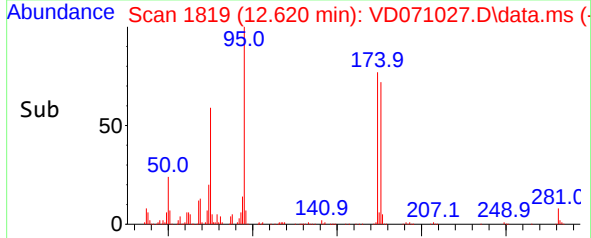
Sub 50



Ref 50



Raw 50

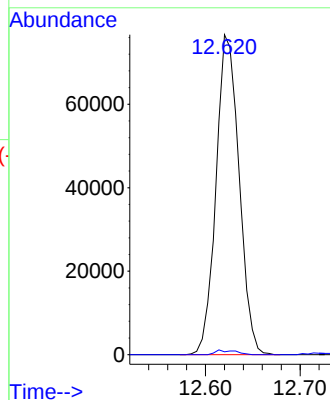


Sub 50

#76
1,2,3-Trichloropropane
Concen: 67.577 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 129796
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.796 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD071027.D
Acq: 15 Nov 2021 14:21

Tgt Ion: 75 Resp: 129796
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

