

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071086.D
 Acq On : 30 Nov 2021 14:40
 Operator : VA/SY
 Sample : M4858-02
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1(6.0)

Quant Time: Dec 01 03:33:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

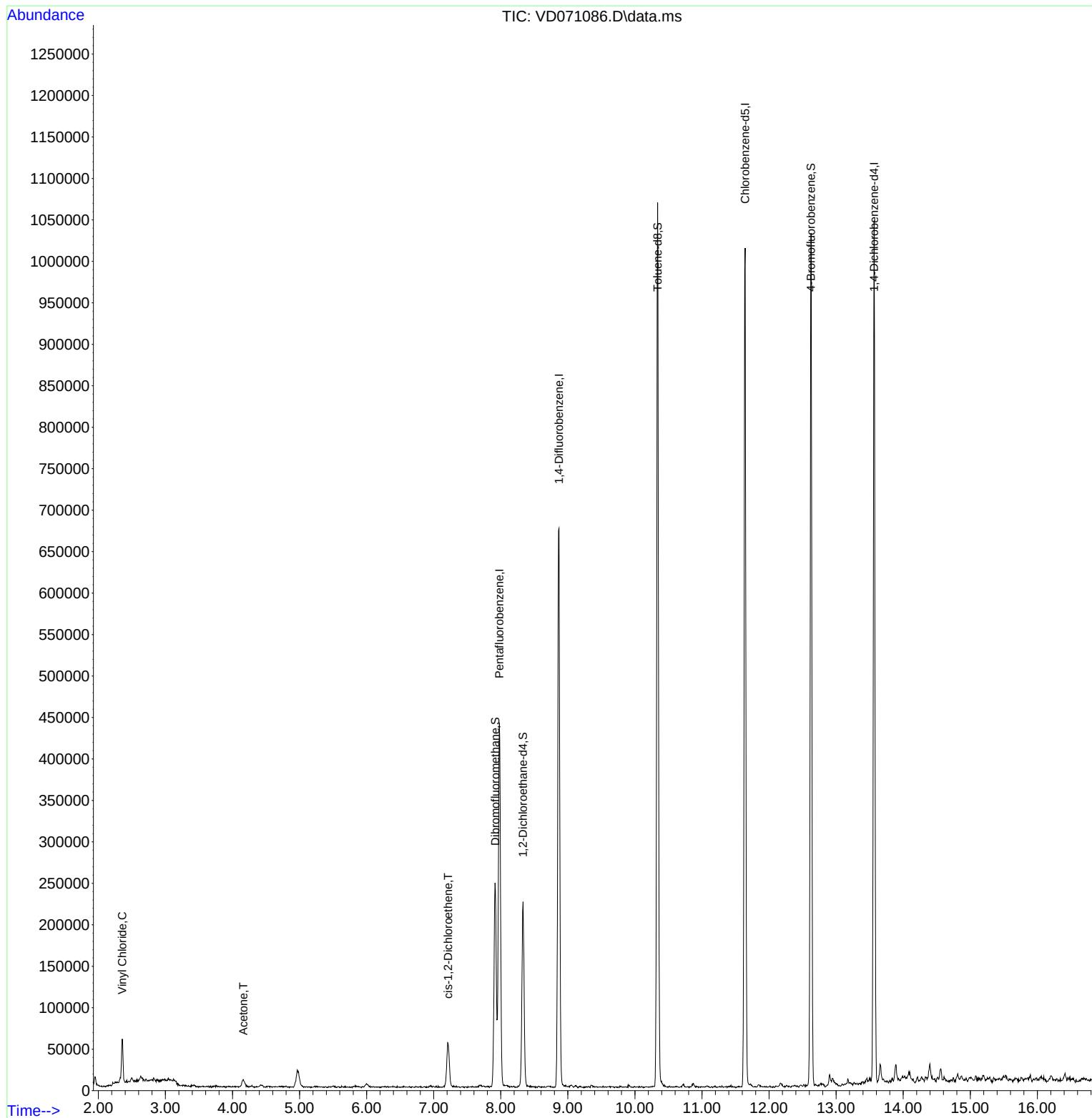
Internal Standards						
1) Pentafluorobenzene	7.979	168	309486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	551934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	543563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	254759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	175326	48.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.920	113	172660	49.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.337	98	694986	51.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.626	95	262750	56.672	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.340%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.356	62	45052	11.565	ug/l	97
16) Acetone	4.161	43	16416	45.723	ug/l #	77
27) cis-1,2-Dichloroethene	7.214	96	30028	8.207	ug/l	93

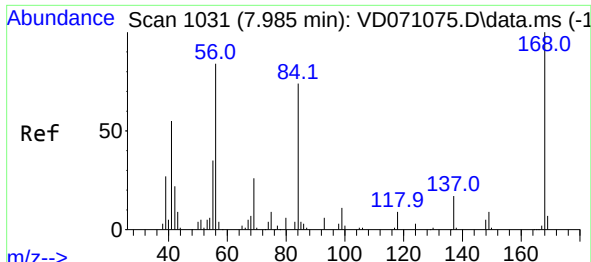
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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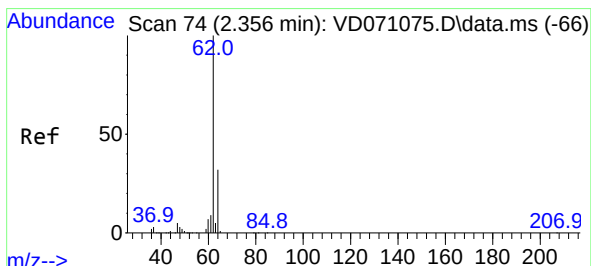
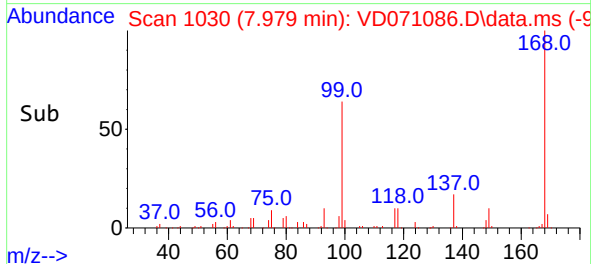
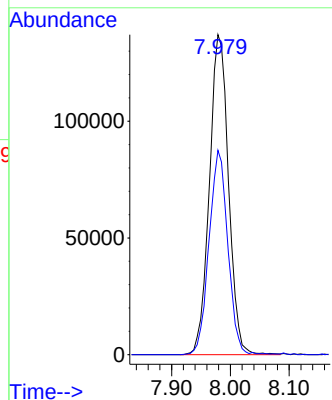
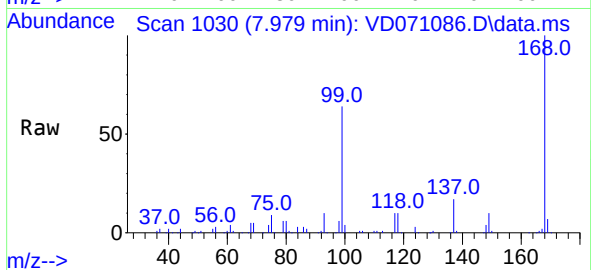




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

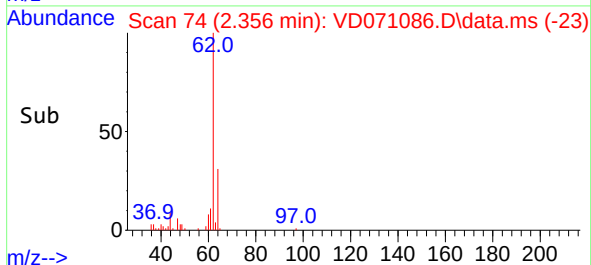
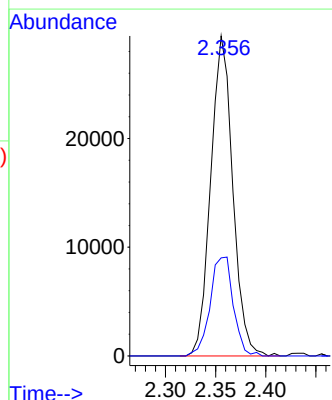
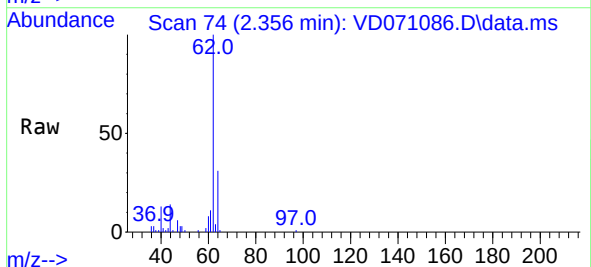
Instrument :
MSVOA_D
ClientSampleId :
B-1(6.0)

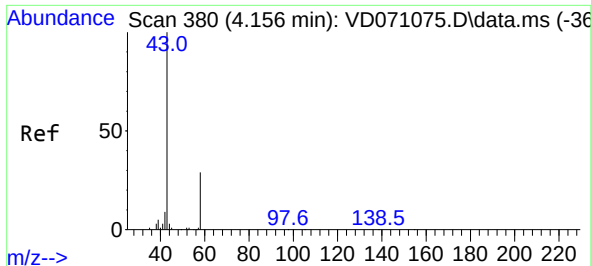
Tgt Ion:168 Resp: 309486
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#4
Vinyl Chloride
Concen: 11.565 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

Tgt Ion: 62 Resp: 45052
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

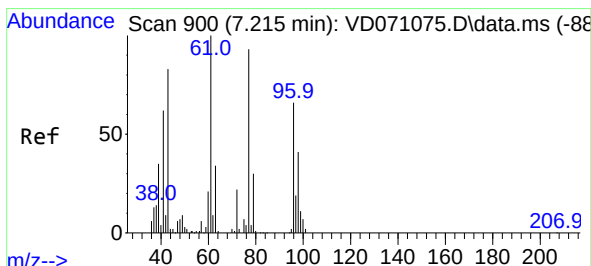
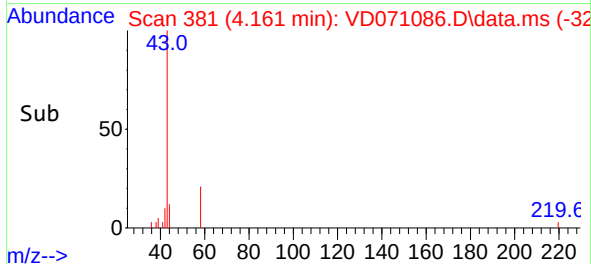
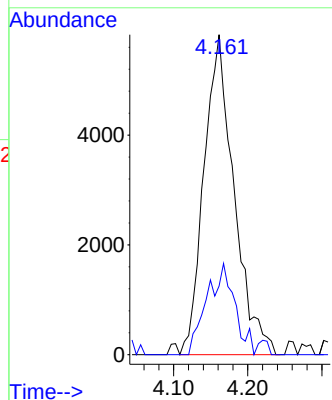
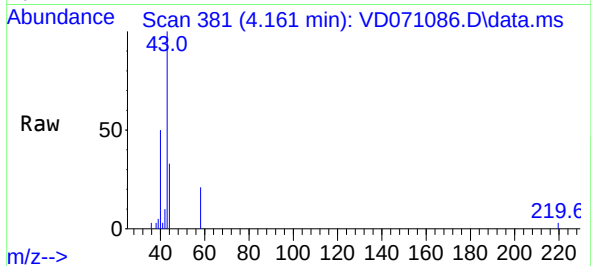




#16
Acetone
Concen: 45.723 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

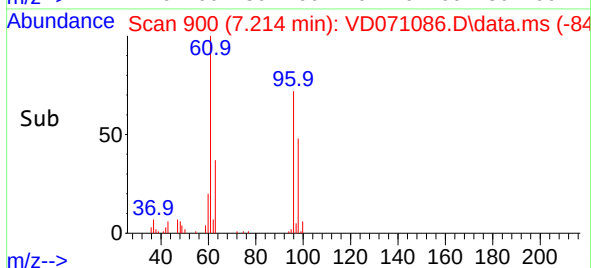
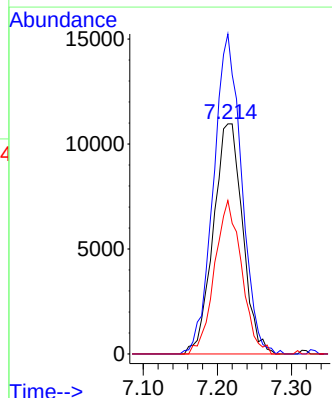
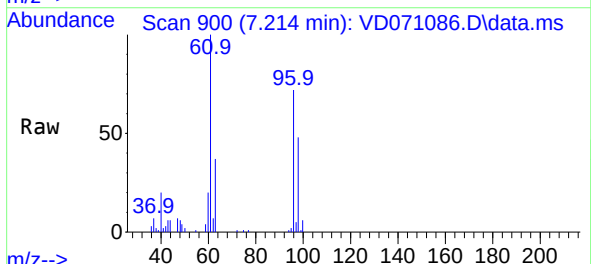
Instrument :
MSVOA_D
ClientSampleId :
B-1(6.0)

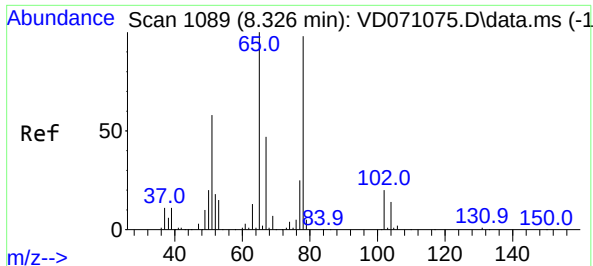
Tgt Ion: 43 Resp: 16416
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#



#27
cis-1,2-Dichloroethene
Concen: 8.207 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

Tgt Ion: 96 Resp: 30028
Ion Ratio Lower Upper
96 100
61 133.6 0.0 288.6
98 61.9 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 48.280 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071086.D

Acq: 30 Nov 2021 14:40

Instrument :

MSVOA_D

ClientSampleId :

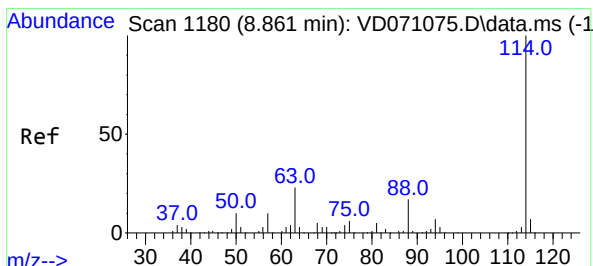
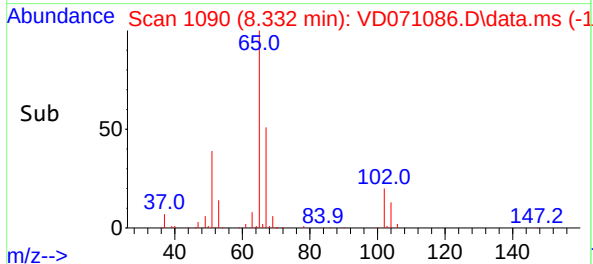
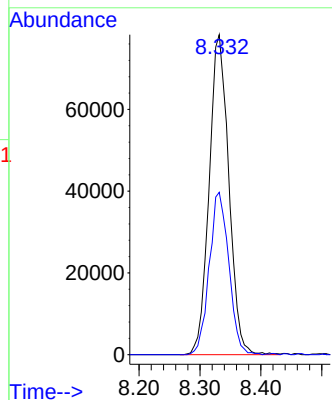
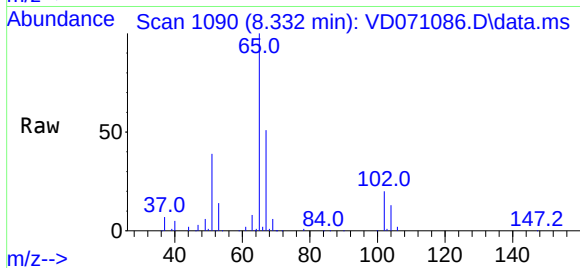
B-1(6.0)

Tgt Ion: 65 Resp: 175326

Ion Ratio Lower Upper

65 100

67 50.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071086.D

Acq: 30 Nov 2021 14:40

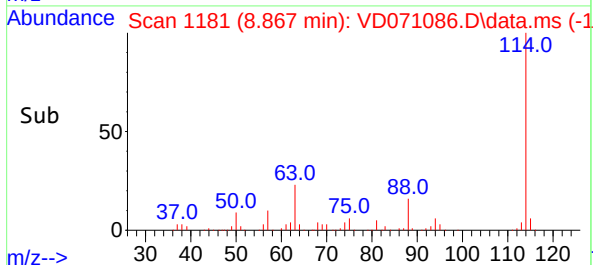
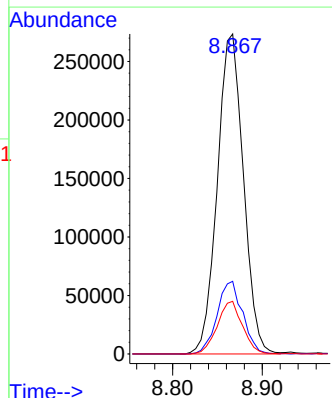
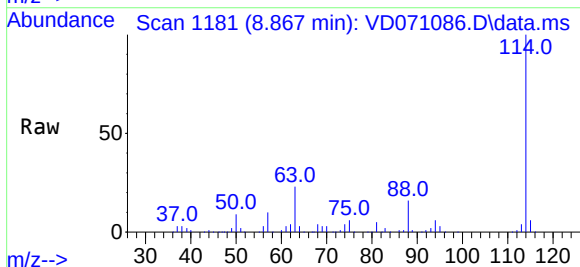
Tgt Ion: 114 Resp: 551934

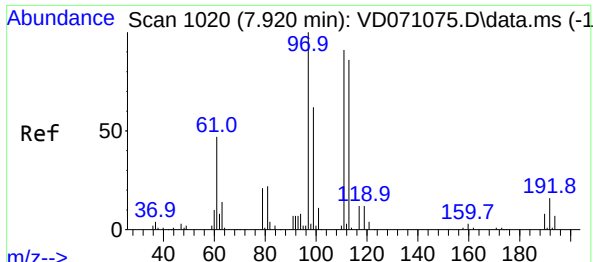
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.8

88 16.4 0.0 32.8

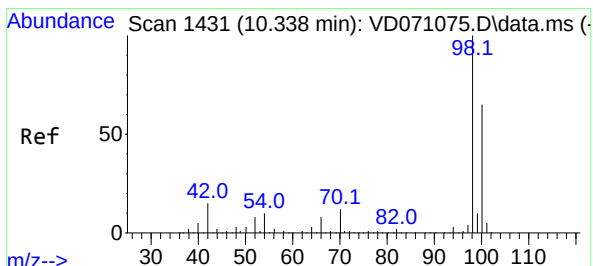
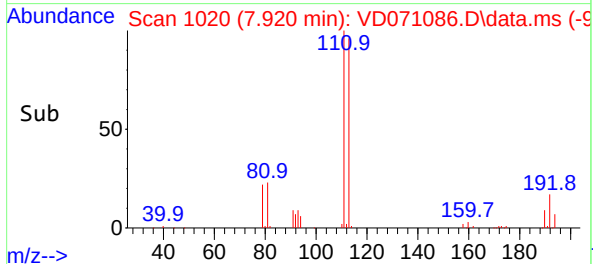
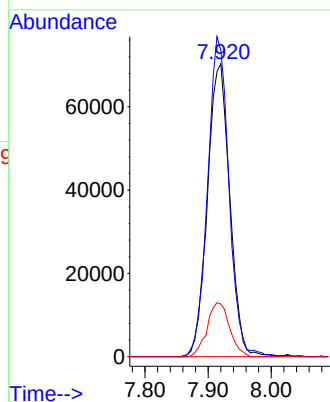
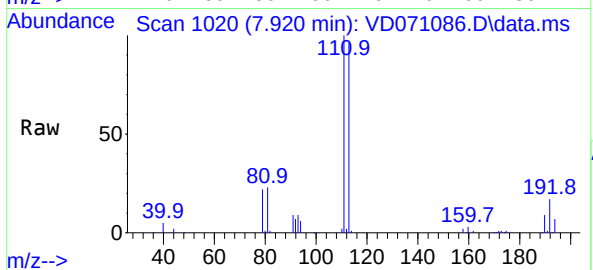




#35
Dibromofluoromethane
Concen: 49.126 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

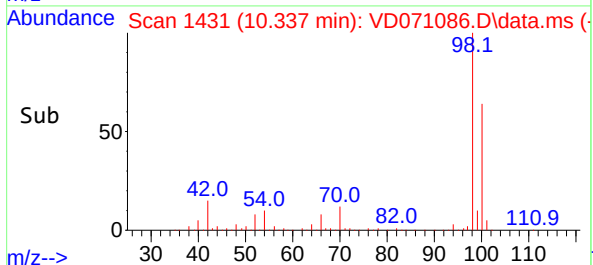
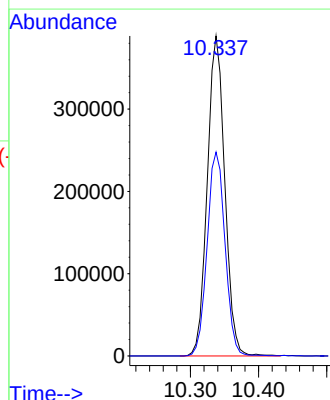
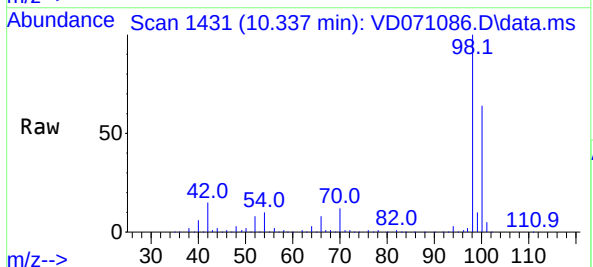
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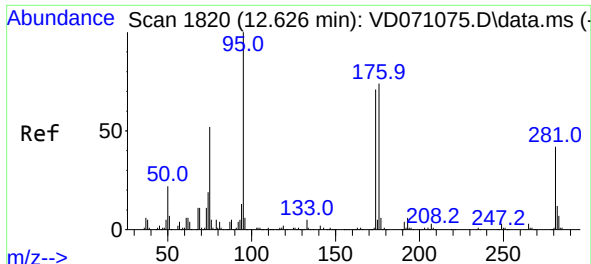
Tgt Ion:113 Resp: 172660
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 18.6 15.2 22.8



#50
Toluene-d8
Concen: 51.961 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

Tgt Ion: 98 Resp: 694986
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

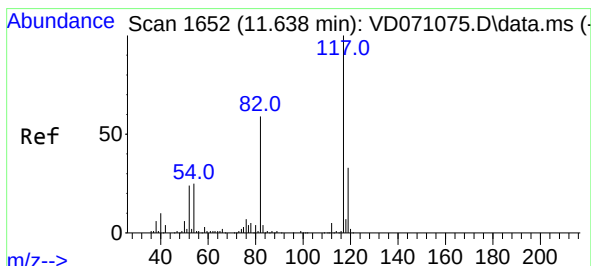
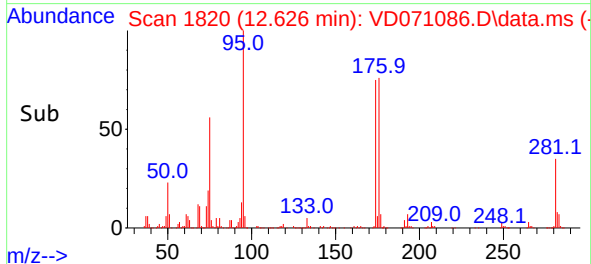
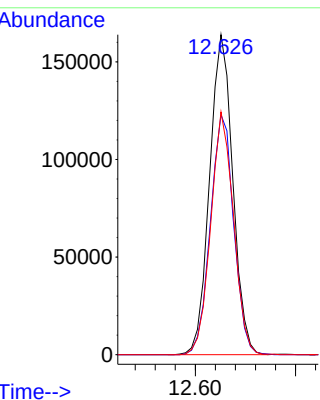
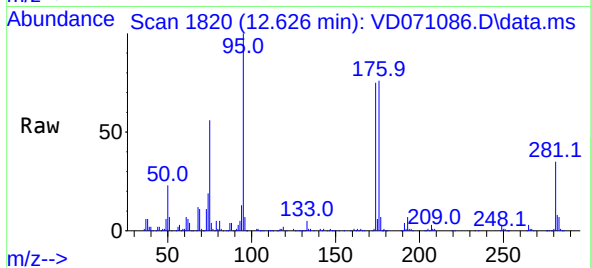




#62
4-Bromofluorobenzene
Concen: 56.672 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

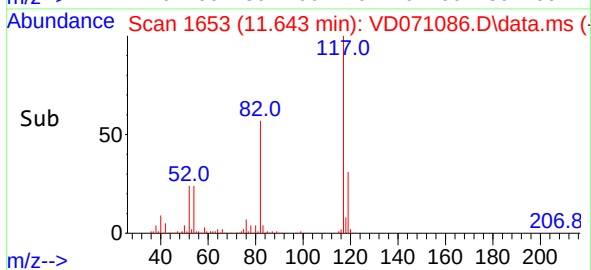
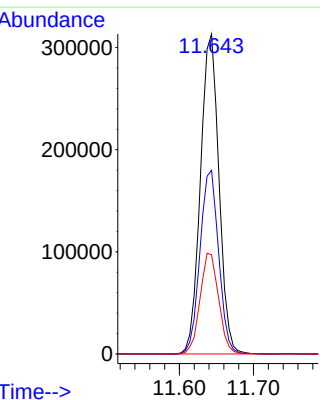
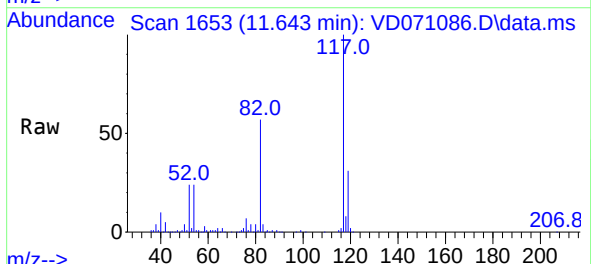
Instrument :
MSVOA_D
ClientSampleId :
B-1(6.0)

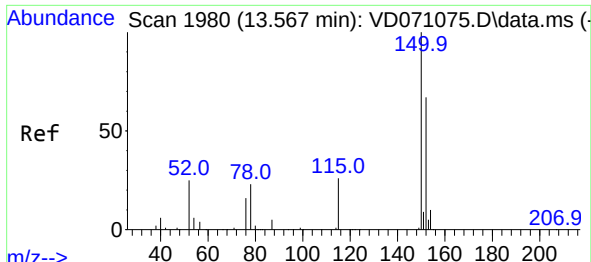
Tgt Ion: 95 Resp: 262750
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

Tgt Ion: 117 Resp: 543563
Ion Ratio Lower Upper
117 100
82 57.4 44.7 67.1
119 31.0 26.2 39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071086.D
Acq: 30 Nov 2021 14:40

Instrument :
MSVOA_D
ClientSampleId :
B-1(6.0)

Tgt Ion:152 Resp: 254759
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 156.5 0.0 349.2

