

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071087.D
 Acq On : 30 Nov 2021 15:08
 Operator : VA/SY
 Sample : M4858-03
 Misc : 5.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(5.2)

Quant Time: Dec 01 03:33:43 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)

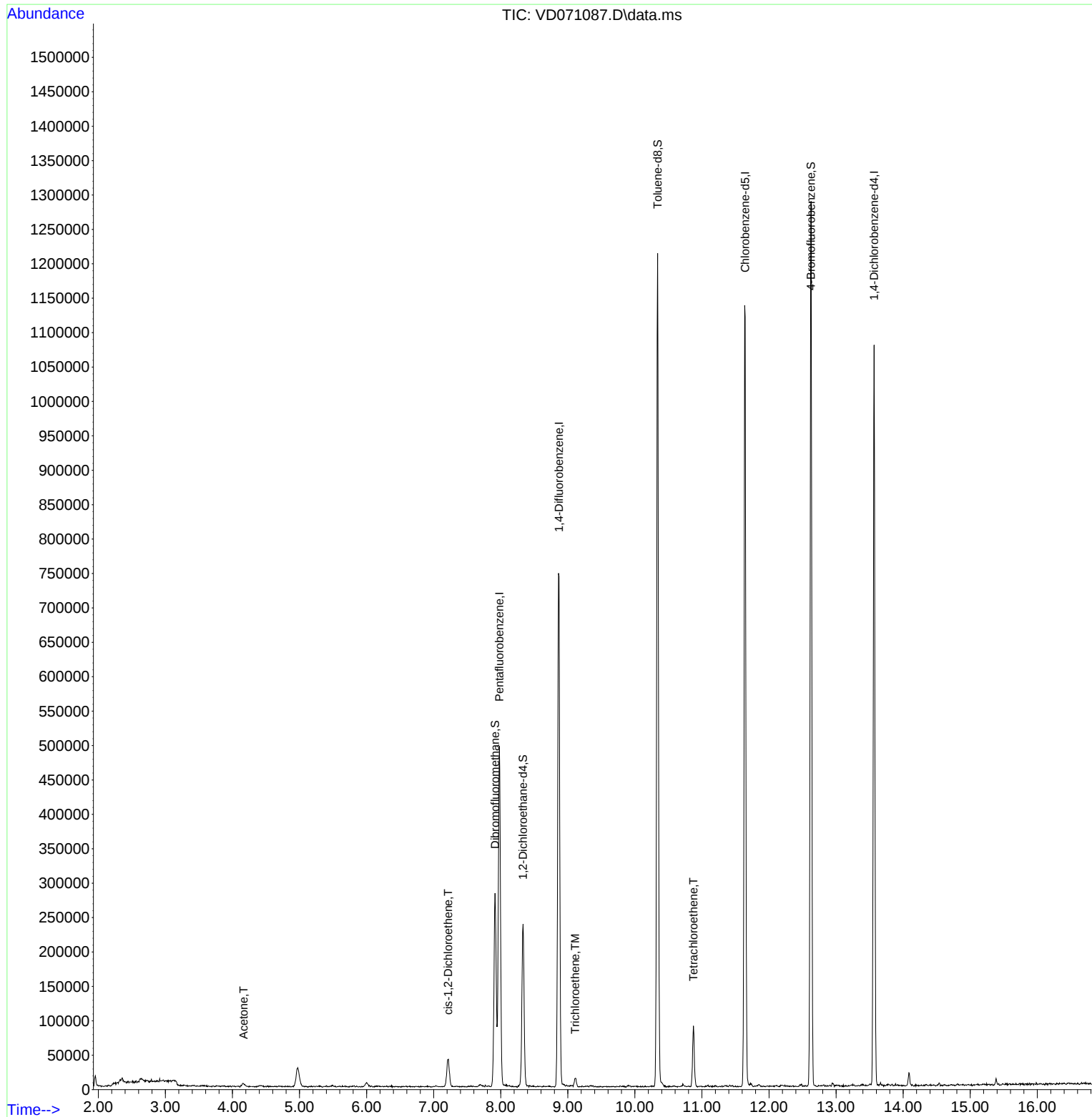
Internal Standards						
1) Pentafluorobenzene	7.979	168	347791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	610748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	259370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	187042	45.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.914	113	192743	48.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.338	98	786547	52.098	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.626	95	284856	54.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.860%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	8778	37.899	ug/l #	83
27) cis-1,2-Dichloroethene	7.214	96	23060	5.608	ug/l	92
44) Trichloroethene	9.108	130	4598	1.090	ug/l	87
64) Tetrachloroethene	10.873	164	17733	4.574	ug/l	94

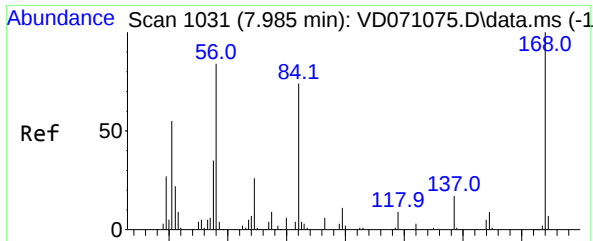
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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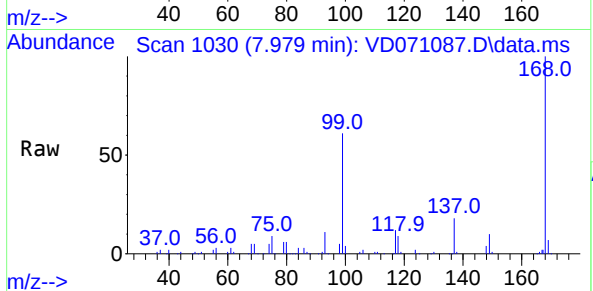
Quant Time: Dec 01 03:33:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



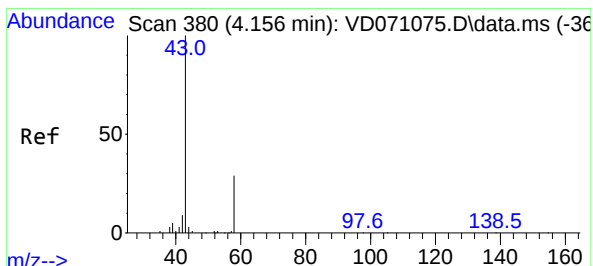
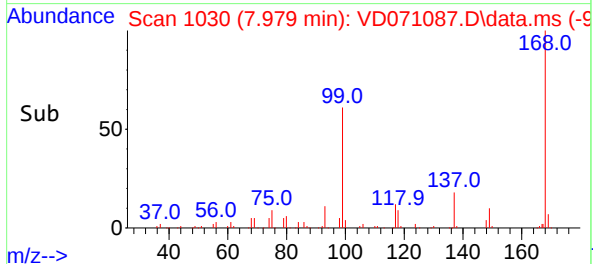
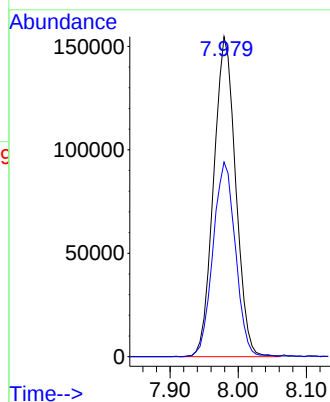


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Instrument :
MSVOA_D
ClientSampleId :
B-2(5.2)

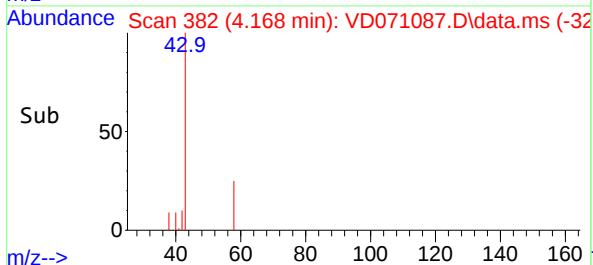
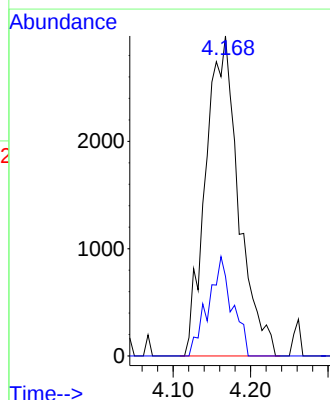
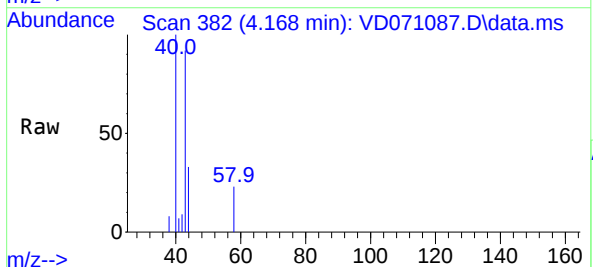


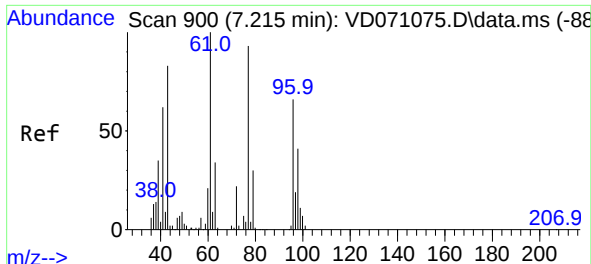
Tgt Ion:168 Resp: 347791
Ion Ratio Lower Upper
168 100
99 60.8 46.6 69.8



#16
Acetone
Concen: 37.899 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion: 43 Resp: 8778
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#

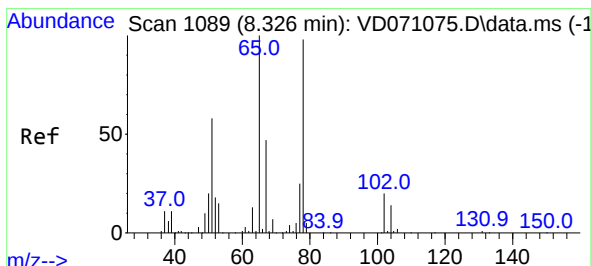
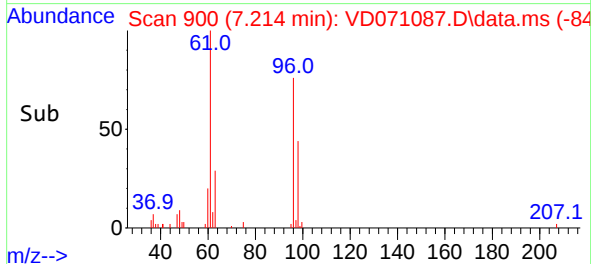
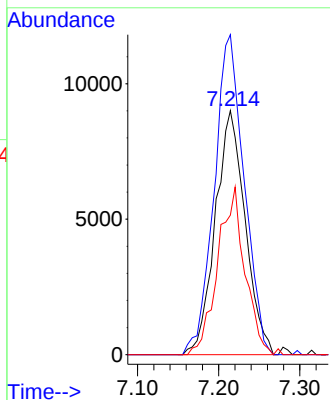
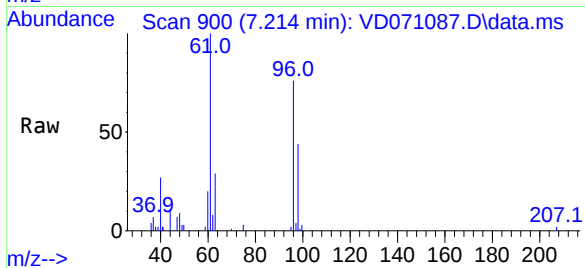




#27
cis-1,2-Dichloroethene
Concen: 5.608 ug/l
RT: 7.214 min Scan# 90
Delta R.T. -0.001 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

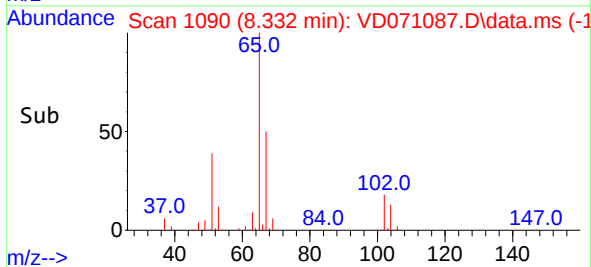
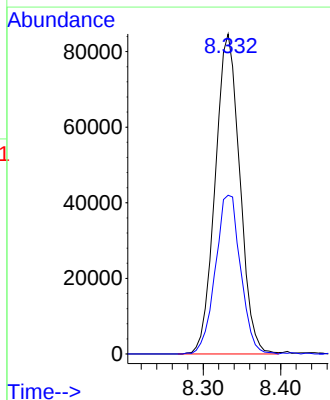
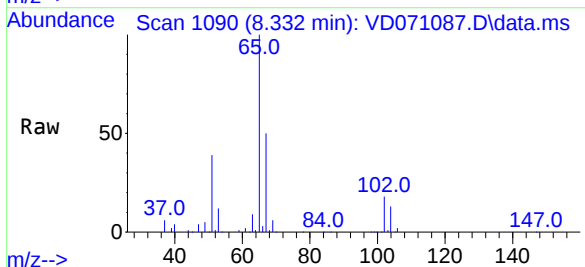
Instrument :
MSVOA_D
ClientSampleId :
B-2(5.2)

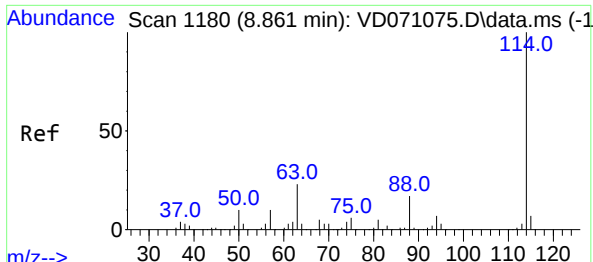
Tgt Ion: 96 Resp: 23060
Ion Ratio Lower Upper
96 100
61 131.3 0.0 288.6
98 62.5 0.0 129.2



#33
1,2-Dichloroethane-d4
Concen: 45.833 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion: 65 Resp: 187042
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2

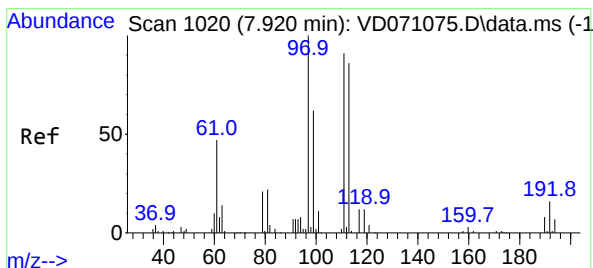
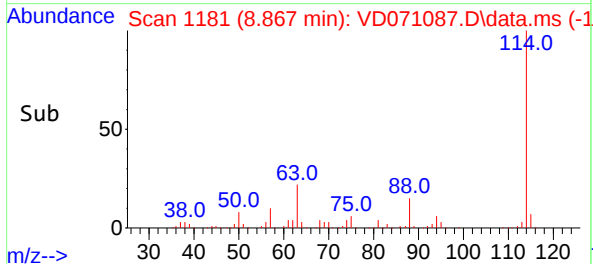
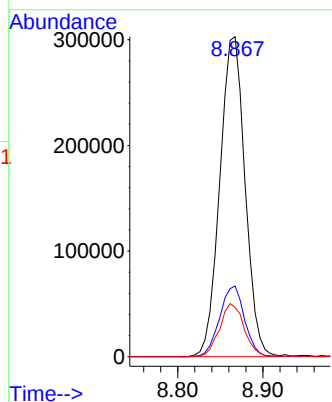
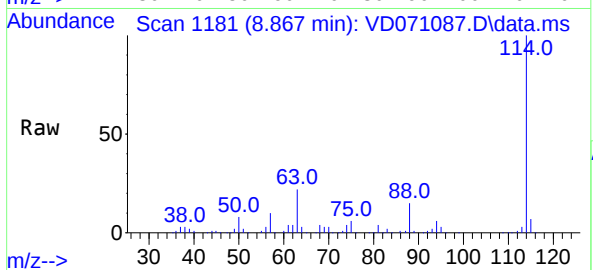




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

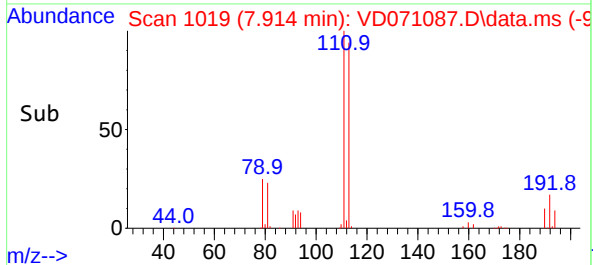
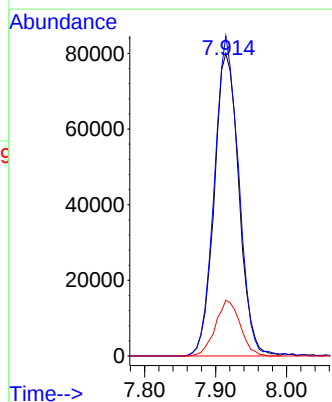
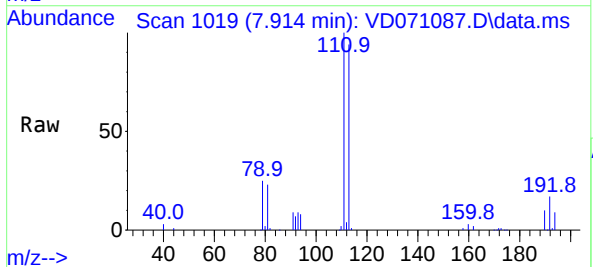
Instrument :
MSVOA_D
ClientSampleId :
B-2(5.2)

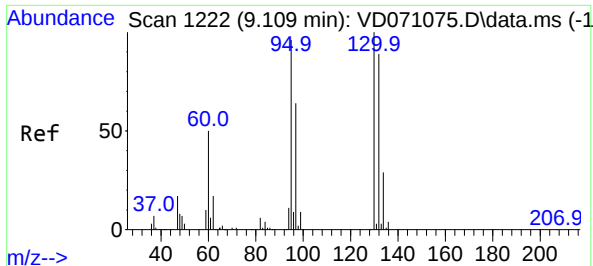
Tgt Ion:114 Resp: 623013
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.583 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion:113 Resp: 192743
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 18.4 15.2 22.8

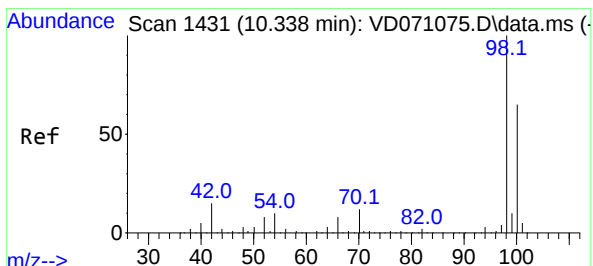
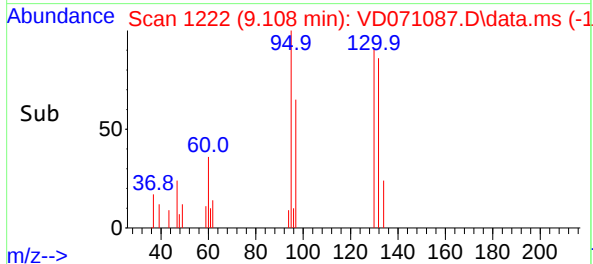
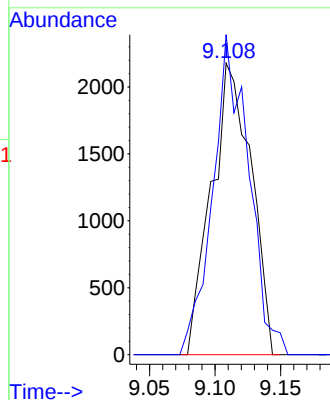
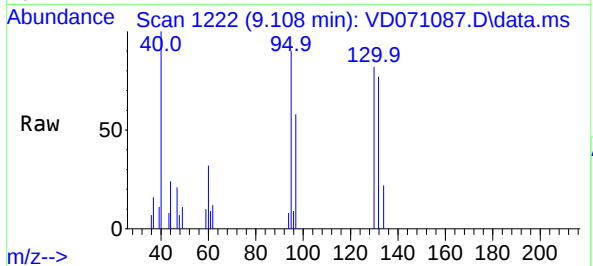




#44
Trichloroethene
Concen: 1.090 ug/l
RT: 9.108 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

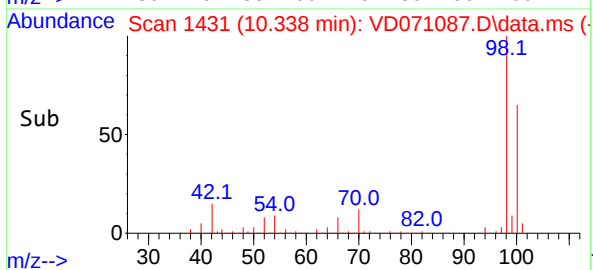
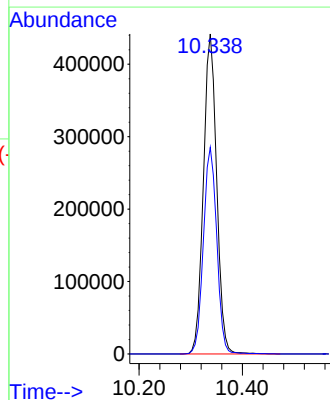
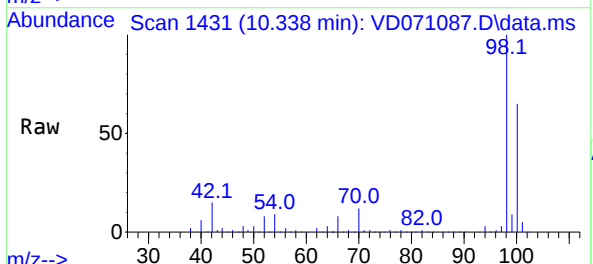
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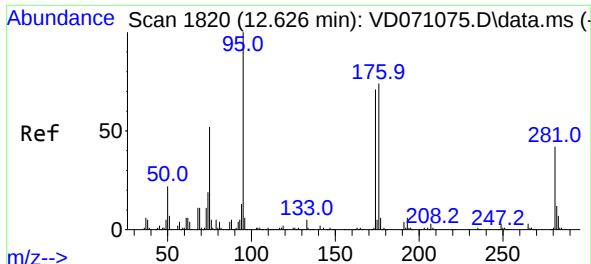
Tgt Ion:130 Resp: 4598
Ion Ratio Lower Upper
130 100
95 109.8 0.0 193.2



#50
Toluene-d8
Concen: 52.098 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion: 98 Resp: 786547
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

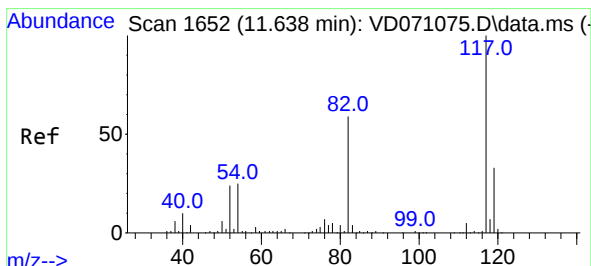
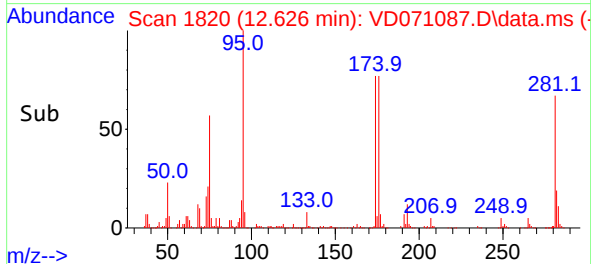
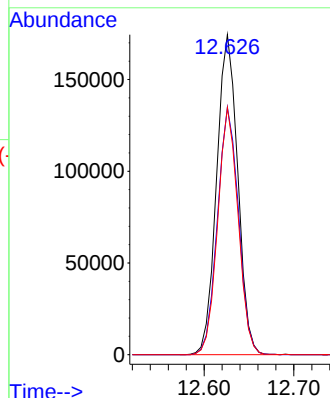
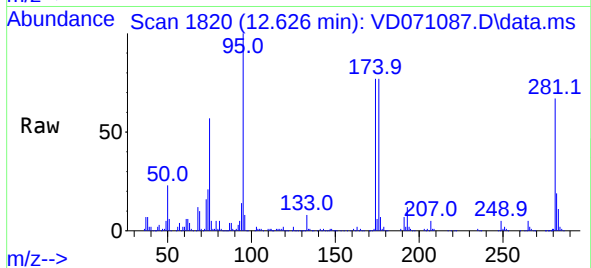




#62
4-Bromofluorobenzene
Concen: 54.431 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

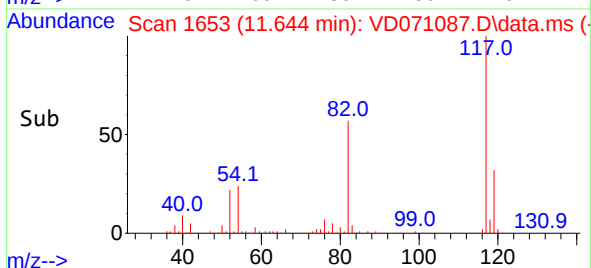
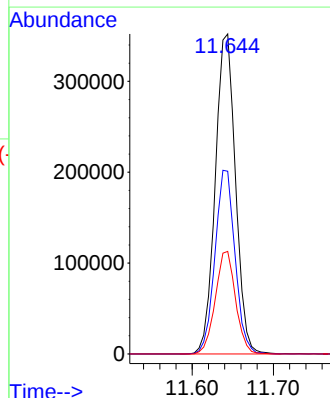
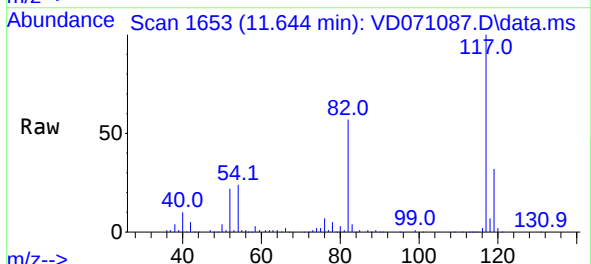
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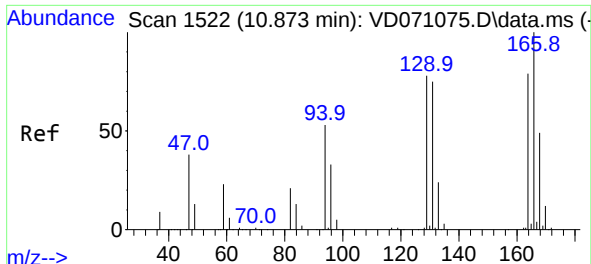
Tgt Ion: 95 Resp: 284856
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 74.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion: 117 Resp: 610748
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.0 26.2 39.4

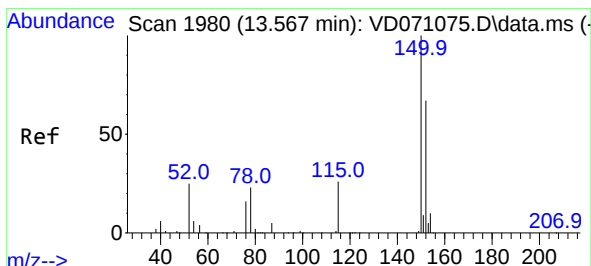
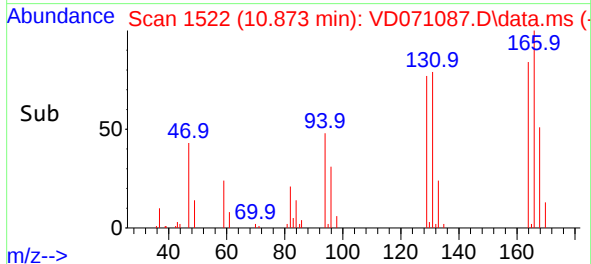
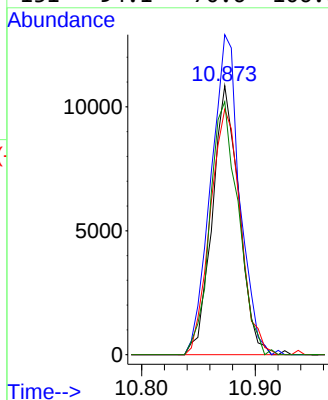
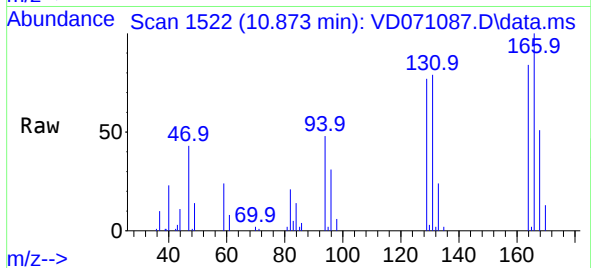




#64
Tetrachloroethene
Concen: 4.574 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Instrument :
MSVOA_D
ClientSampleId :
B-2(5.2)

Tgt Ion:164 Resp: 17733
Ion Ratio Lower Upper
164 100
166 119.0 102.6 153.8
129 91.3 75.4 113.0
131 94.1 70.6 106.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071087.D
Acq: 30 Nov 2021 15:08

Tgt Ion:152 Resp: 259370
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 159.5 0.0 349.2

