

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071382.D
 Acq On : 17 Dec 2021 14:54
 Operator : VA/SY
 Sample : M5130-01RE
 Misc : 6.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLUE-GREEN-CLAYRE

Quant Time: Dec 19 01:53:04 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)

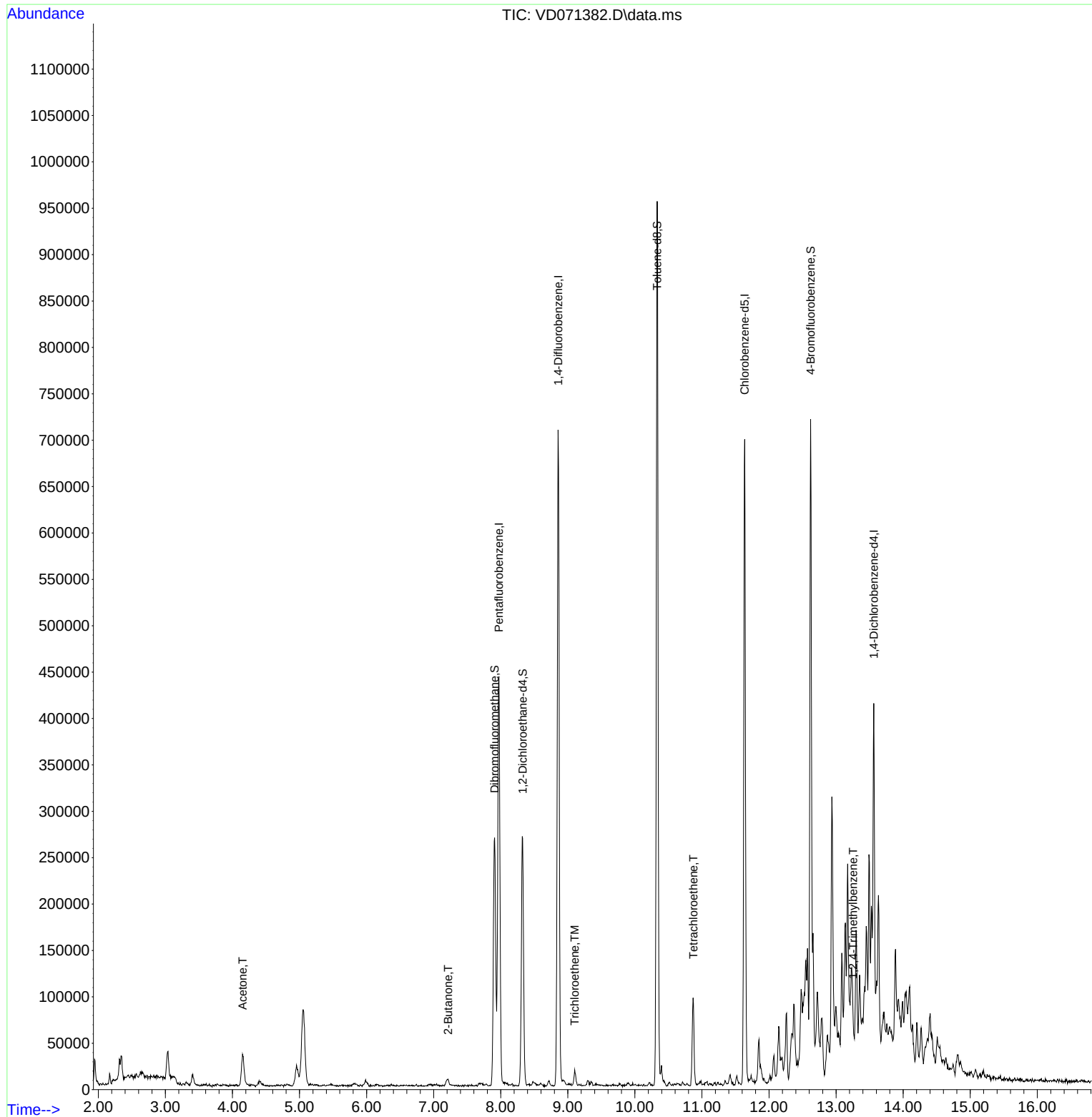
Internal Standards						
1) Pentafluorobenzene	7.973	168	310869	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.856	114	567630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	370426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	56110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211359	57.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.880%	
35) Dibromofluoromethane	7.909	113	190743	52.770	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.540%	
50) Toluene-d8	10.332	98	611931	44.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.980%	
62) 4-Bromofluorobenzene	12.620	95	123153	25.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 51.660%	
Target Compounds						Qvalue
16) Acetone	4.150	43	58081	83.374	ug/l	92
25) 2-Butanone	7.214	43	10314	36.533	ug/l	92
44) Trichloroethene	9.103	130	4752	1.237	ug/l	76
64) Tetrachloroethene	10.873	164	19527	8.304	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	9349	2.858	ug/l	97

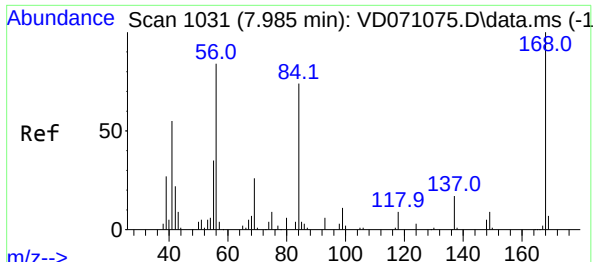
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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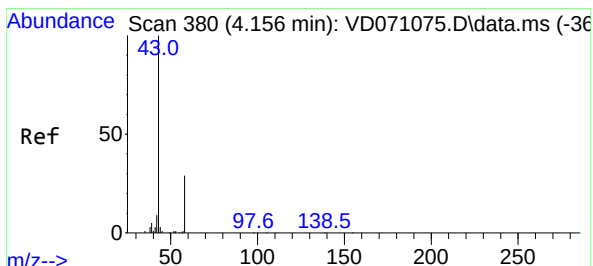
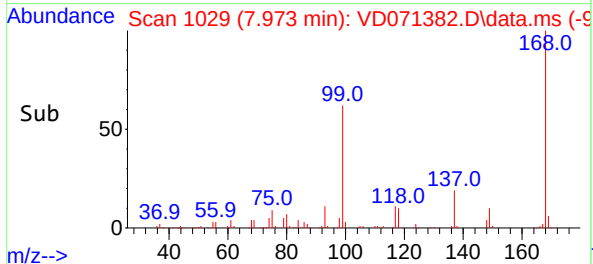
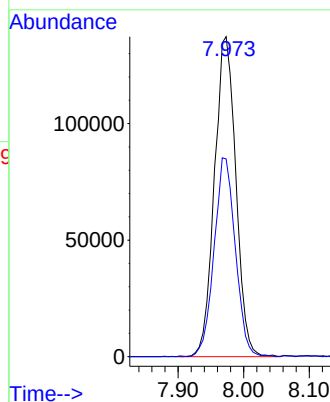
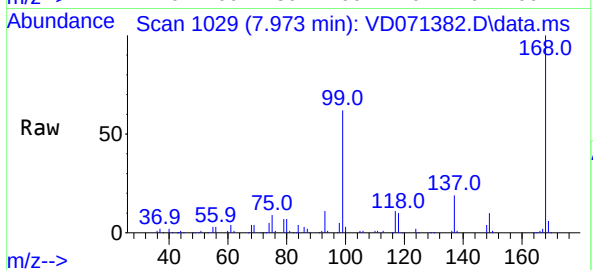




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

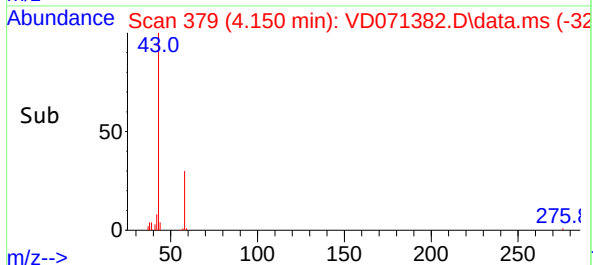
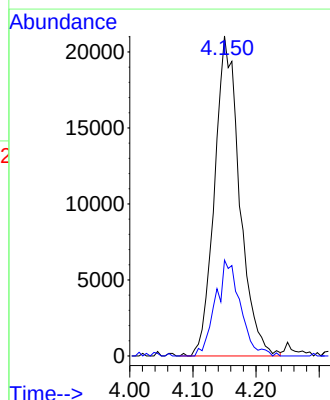
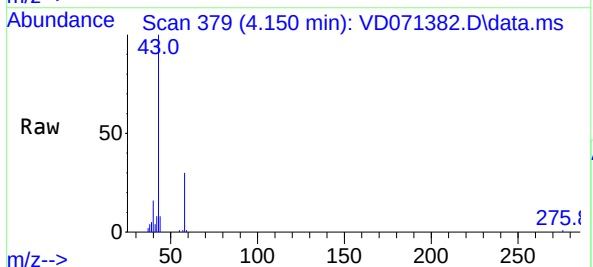
Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAYRE

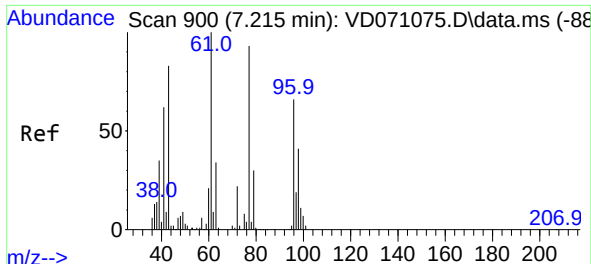
Tgt Ion:168 Resp: 310869
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#16
Acetone
Concen: 83.374 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

Tgt Ion: 43 Resp: 58081
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8

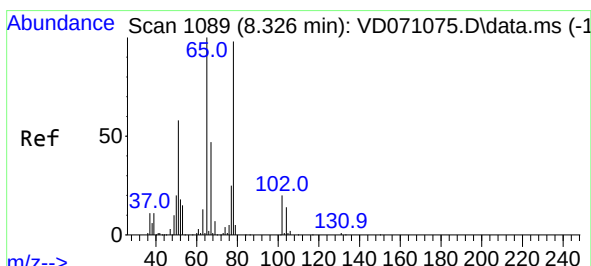
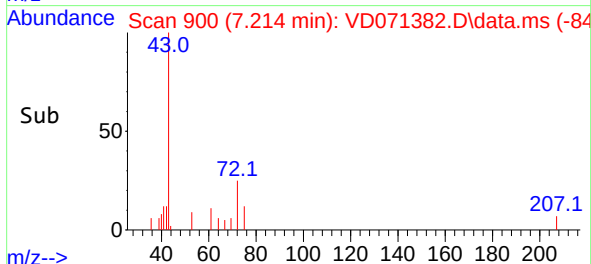
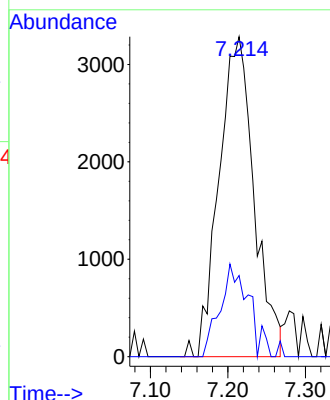
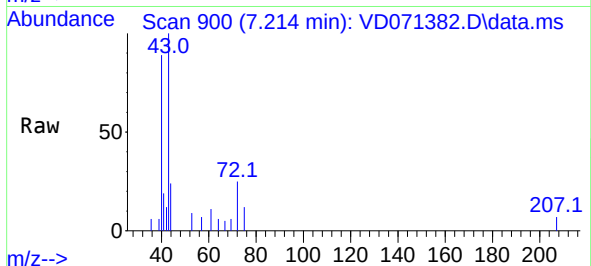




#25
2-Butanone
Concen: 36.533 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.001 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

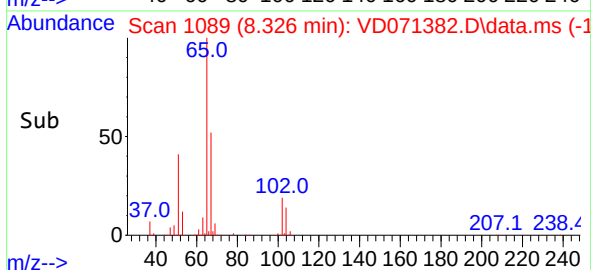
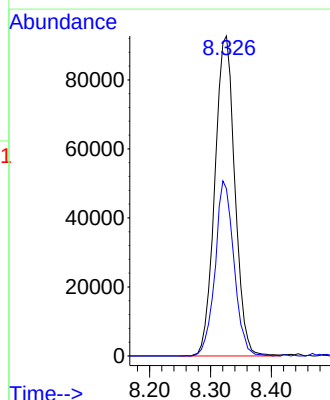
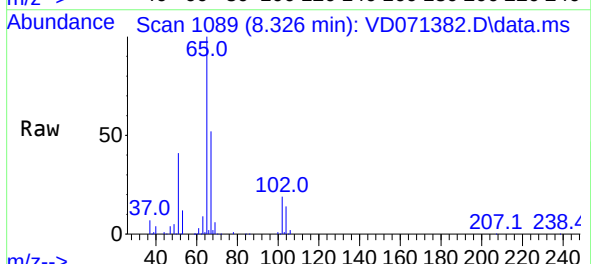
Instrument :
MSVOA_D
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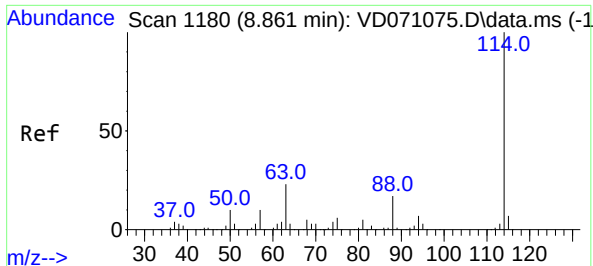
Tgt Ion: 43 Resp: 10314
Ion Ratio Lower Upper
43 100
72 25.3 23.8 35.6



#33
1,2-Dichloroethane-d4
Concen: 57.943 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

Tgt Ion: 65 Resp: 211359
Ion Ratio Lower Upper
65 100
67 51.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD071382.D

Acq: 17 Dec 2021 14:54

Instrument :

MSVOA_D

ClientSampleId :

BLUE-GREEN-CLAYRE

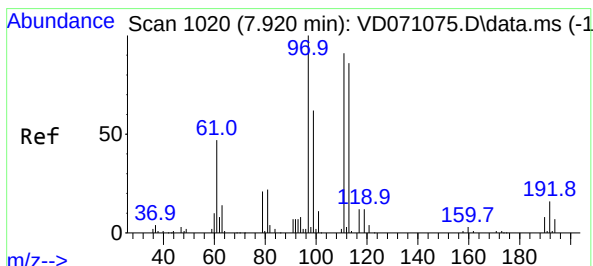
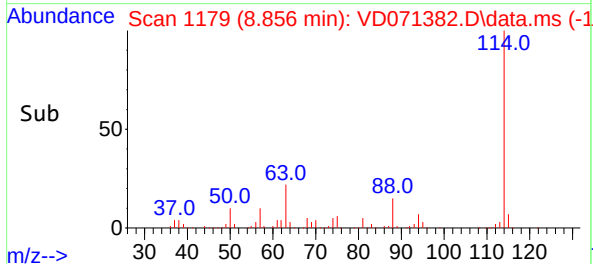
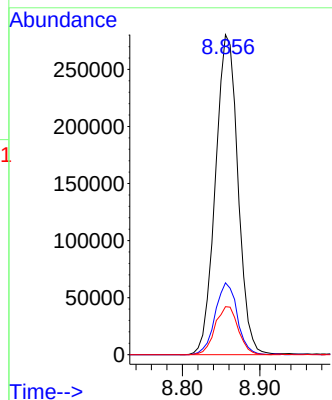
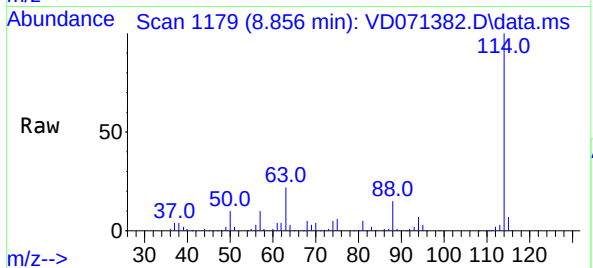
Tgt Ion:114 Resp: 567630

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.8

88 15.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.770 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071382.D

Acq: 17 Dec 2021 14:54

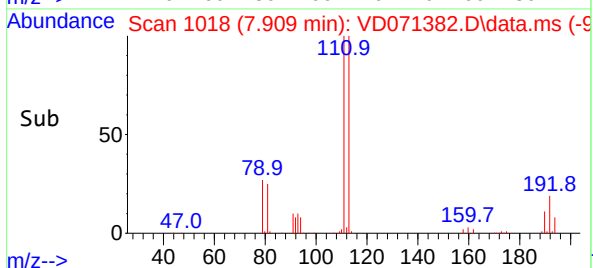
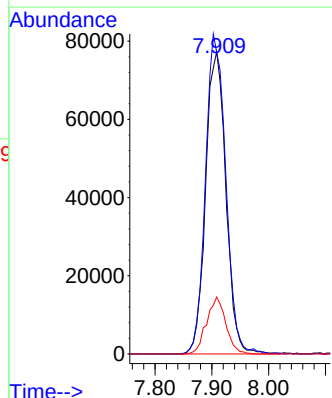
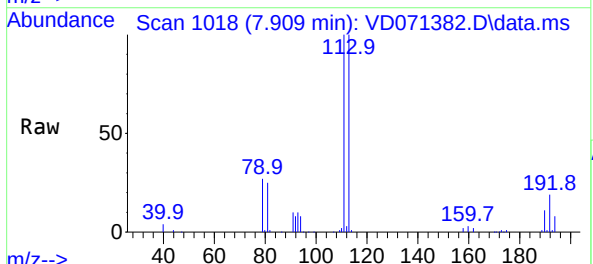
Tgt Ion:113 Resp: 190743

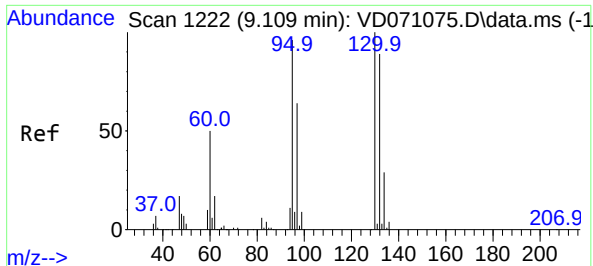
Ion Ratio Lower Upper

113 100

111 106.0 82.0 123.0

192 17.9 15.2 22.8

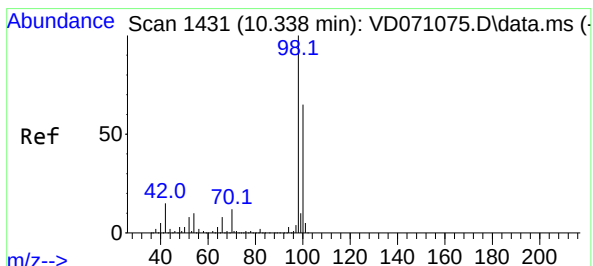
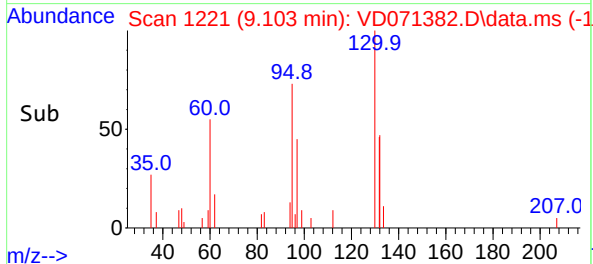
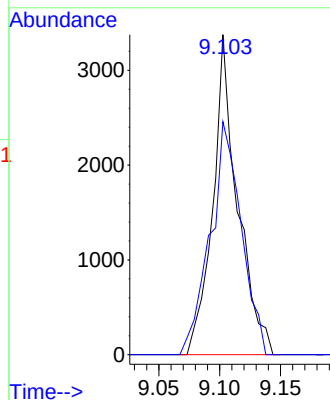
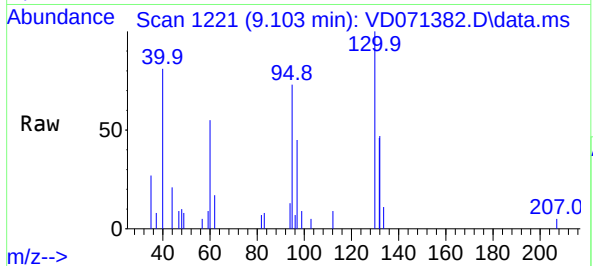




#44
Trichloroethene
Concen: 1.237 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

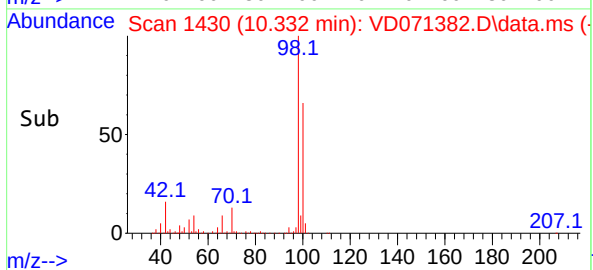
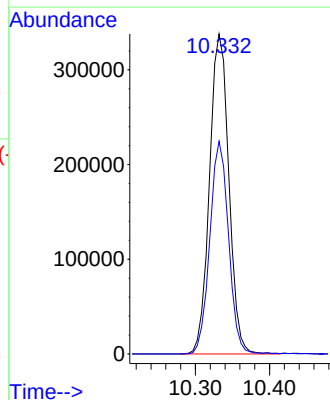
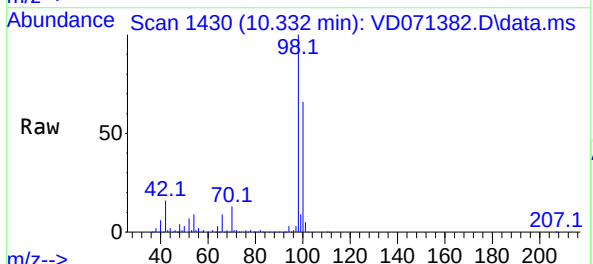
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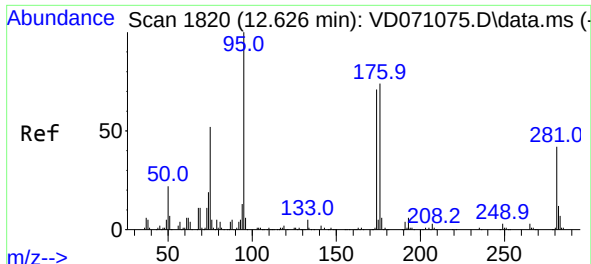
Tgt Ion:130 Resp: 4752
Ion Ratio Lower Upper
130 100
95 72.8 0.0 193.2



#50
Toluene-d8
Concen: 44.486 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

Tgt Ion: 98 Resp: 611931
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

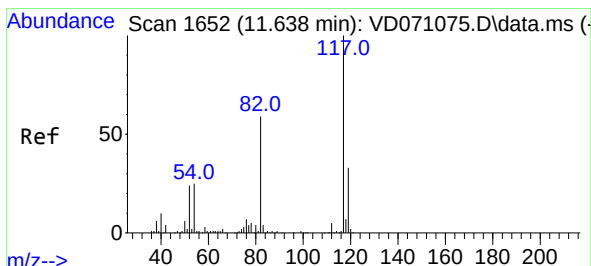
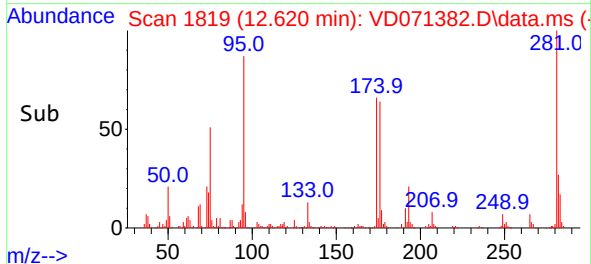
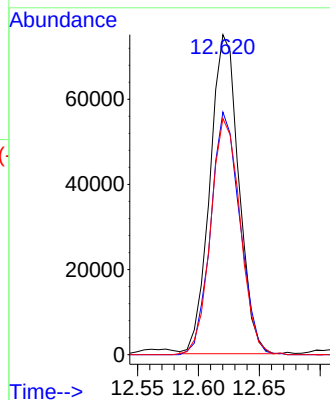
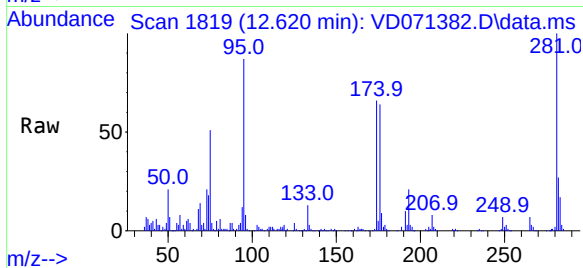




#62
4-Bromofluorobenzene
Concen: 25.828 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

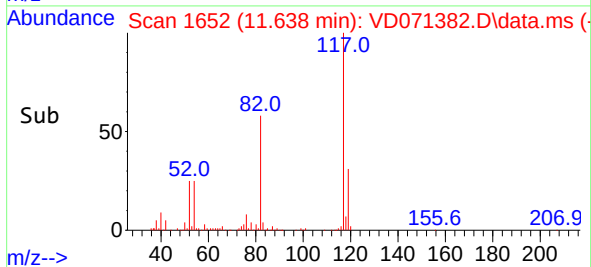
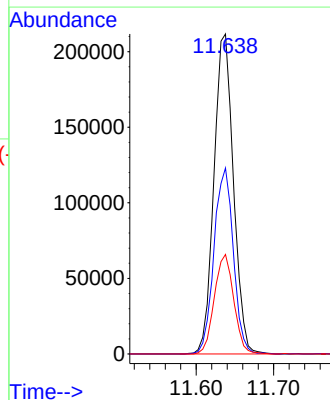
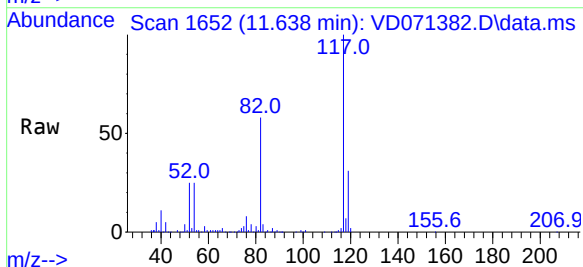
Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAYRE

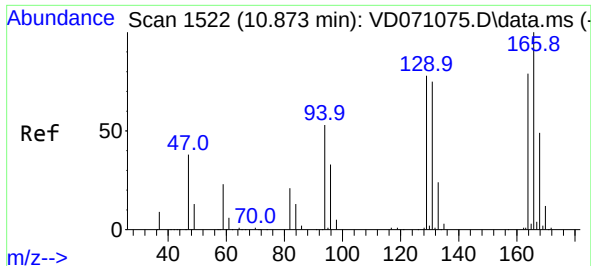
Tgt Ion: 95 Resp: 123153
Ion Ratio Lower Upper
95 100
174 76.8 0.0 159.4
176 75.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

Tgt Ion:117 Resp: 370426
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 31.1 26.2 39.4

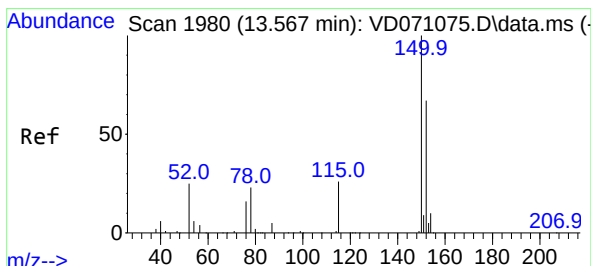
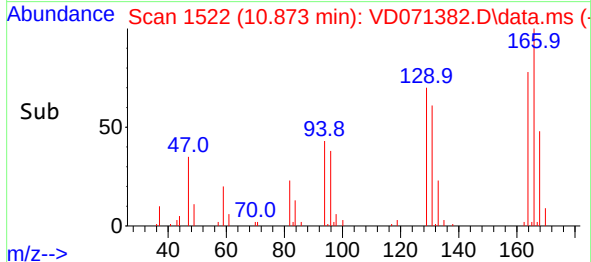
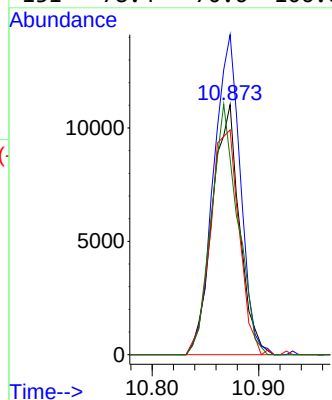
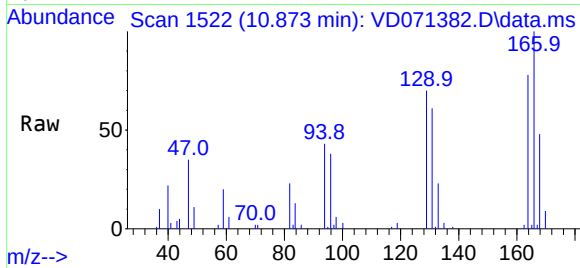




#64
Tetrachloroethene
Concen: 8.304 ug/l
RT: 10.873 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

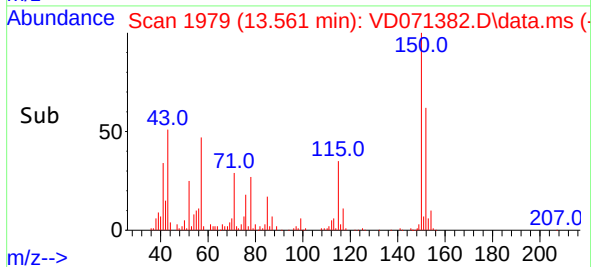
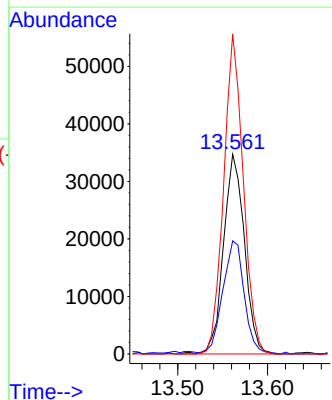
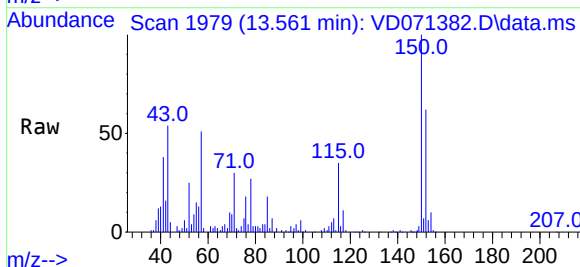
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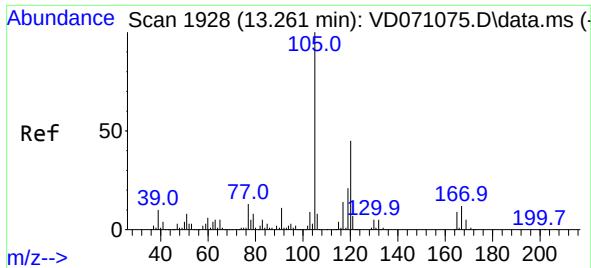
Tgt Ion:164 Resp: 19527
Ion Ratio Lower Upper
164 100
166 127.9 102.6 153.8
129 89.8 75.4 113.0
131 78.4 70.6 106.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

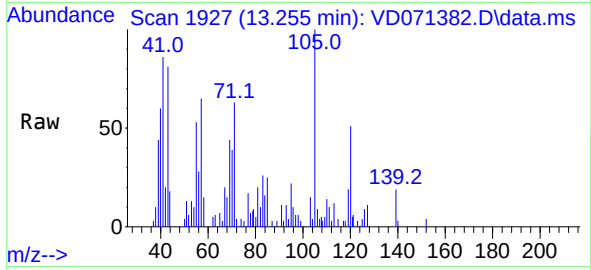
Tgt Ion:152 Resp: 56110
Ion Ratio Lower Upper
152 100
115 58.0 29.8 89.3
150 150.3 0.0 349.2





#84
1,2,4-Trimethylbenzene
Concen: 2.858 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071382.D
Acq: 17 Dec 2021 14:54

Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAYRE



Tgt Ion:105 Resp: 9349
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7

