

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121721\
 Data File : VD071381.D
 Acq On : 17 Dec 2021 13:20
 Operator : VA/SY
 Sample : M5130-01
 Misc : 5.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BLUE-GREEN-CLAY

Quant Time: Dec 19 01:52:44 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)

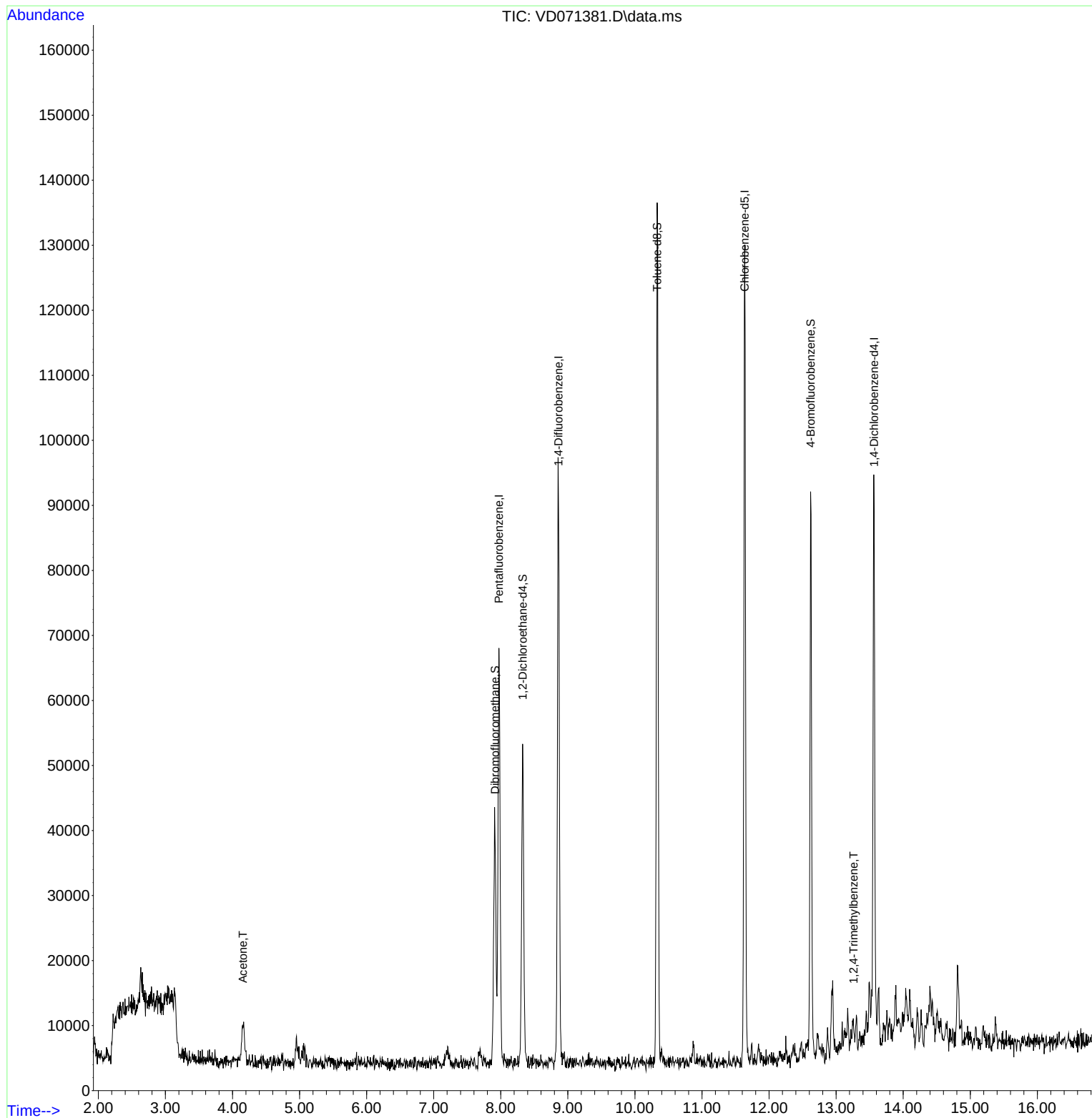
Internal Standards						
1) Pentafluorobenzene	7.973	168	41579	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	69644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	65411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	18974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37341	76.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.080%	
35) Dibromofluoromethane	7.914	113	25959	58.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.060%	
50) Toluene-d8	10.332	98	85744	50.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.620	95	26196	44.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.560%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	11838	110.917	ug/l	92
84) 1,2,4-Trimethylbenzene	13.261	105	2245	2.030	ug/l	65

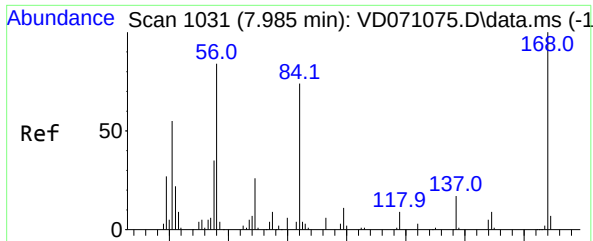
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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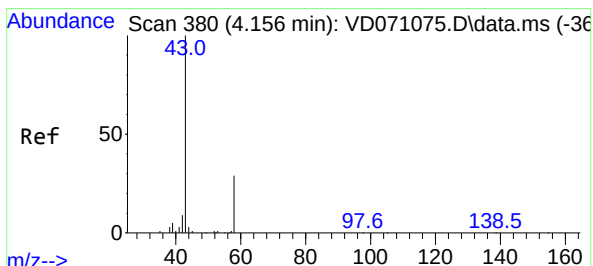
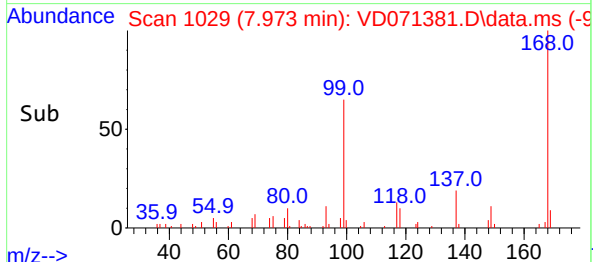
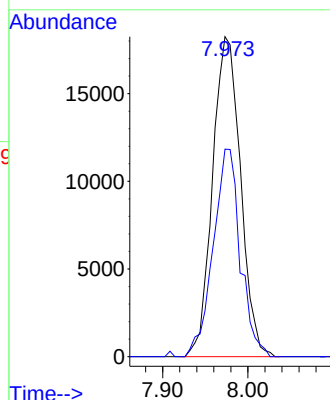
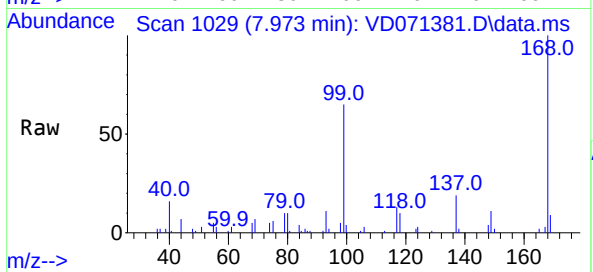




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

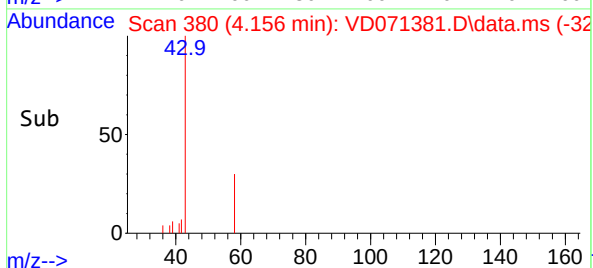
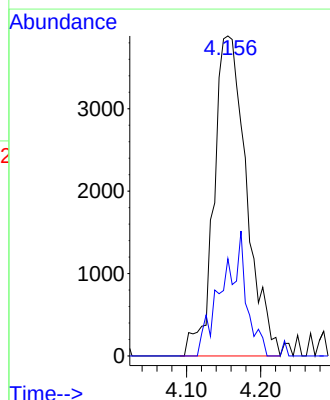
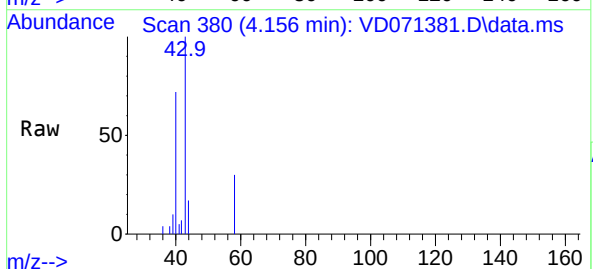
Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAY

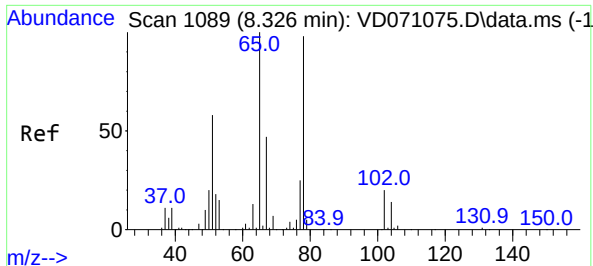
Tgt Ion:168 Resp: 41579
Ion Ratio Lower Upper
168 100
99 64.8 46.6 69.8



#16
Acetone
Concen: 110.917 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

Tgt Ion: 43 Resp: 11838
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8





#33

1,2-Dichloroethane-d4

Concen: 76.537 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071381.D

Acq: 17 Dec 2021 13:20

Instrument :

MSVOA_D

ClientSampleId :

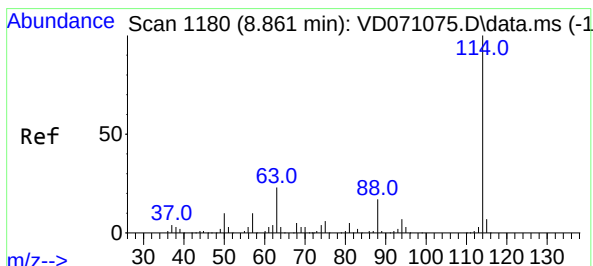
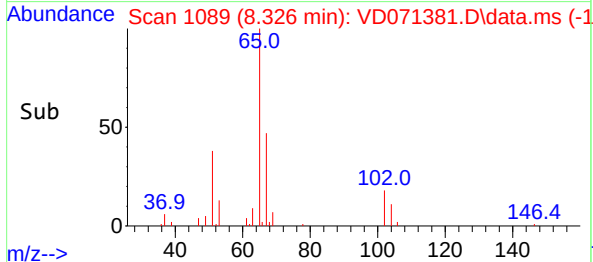
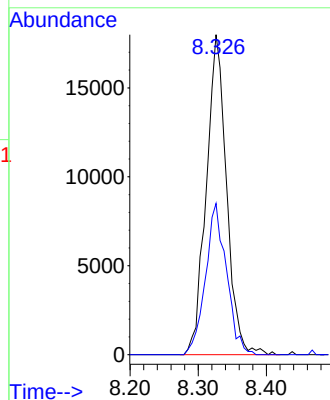
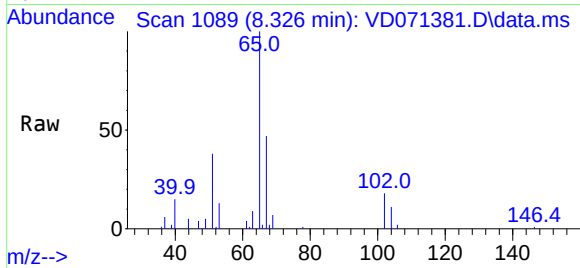
BLUE-GREEN-CLAY

Tgt Ion: 65 Resp: 37341

Ion Ratio Lower Upper

65 100

67 48.8 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: VD071381.D

Acq: 17 Dec 2021 13:20

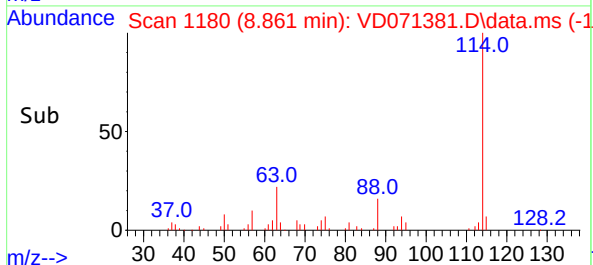
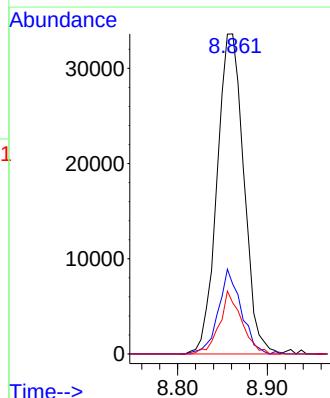
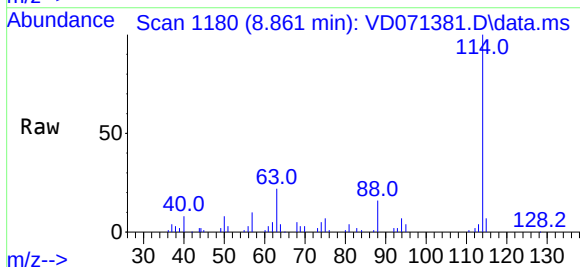
Tgt Ion: 114 Resp: 69644

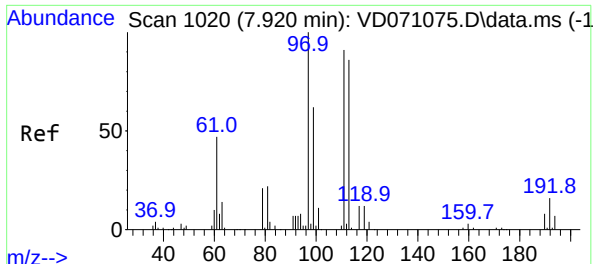
Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 16.0 0.0 32.8

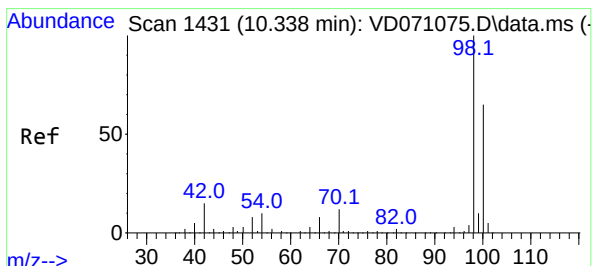
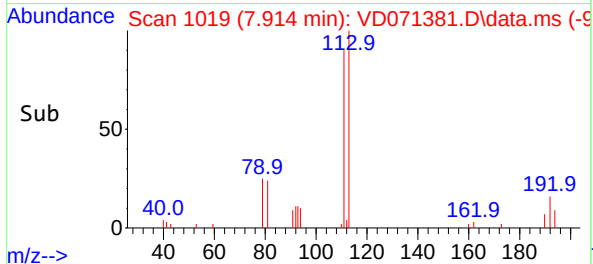
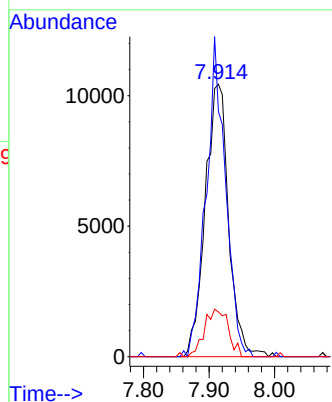
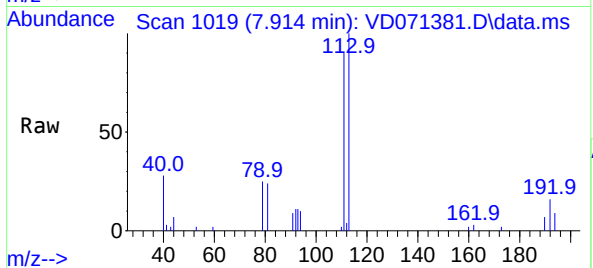




#35
Dibromofluoromethane
Concen: 58.534 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

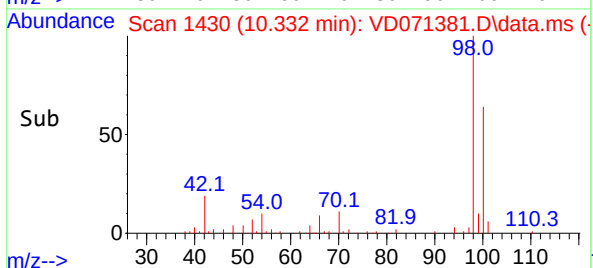
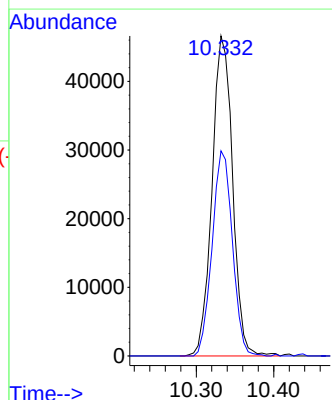
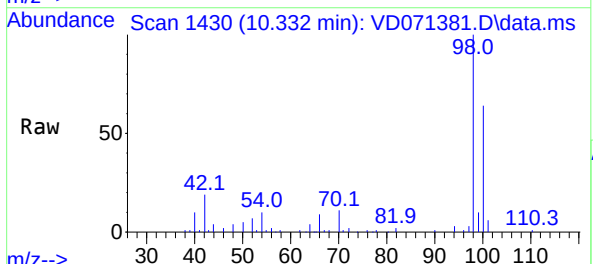
Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAY

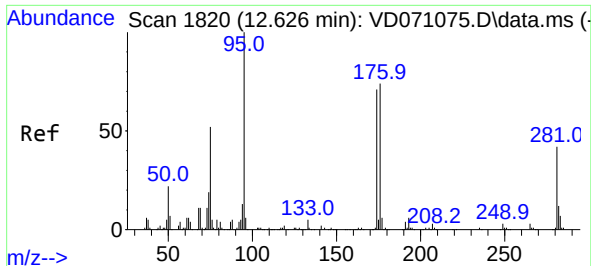
Tgt Ion:113 Resp: 25959
Ion Ratio Lower Upper
113 100
111 97.1 82.0 123.0
192 17.7 15.2 22.8



#50
Toluene-d8
Concen: 50.806 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

Tgt Ion: 98 Resp: 85744
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6

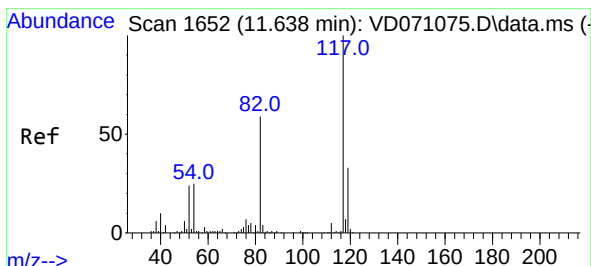
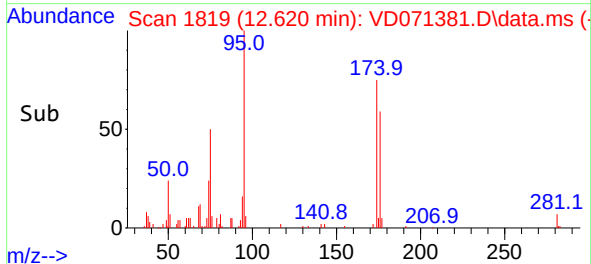
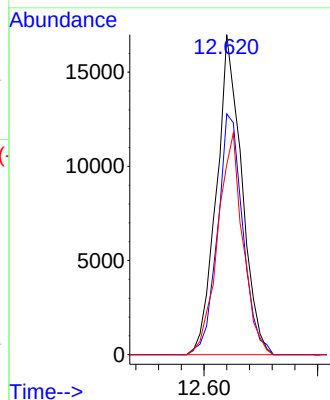
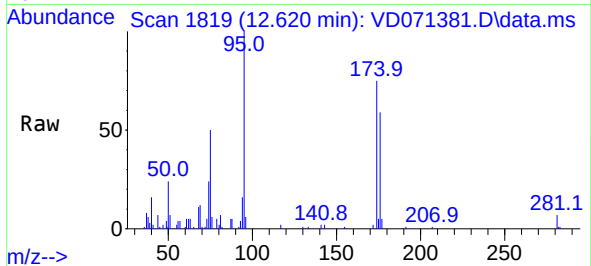




#62
4-Bromofluorobenzene
Concen: 44.778 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

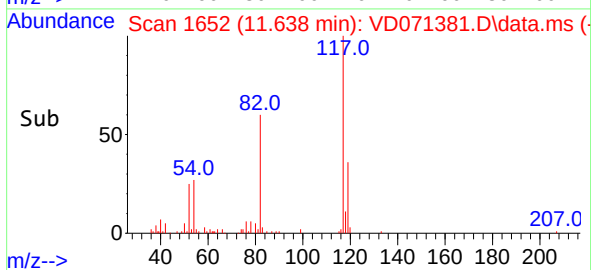
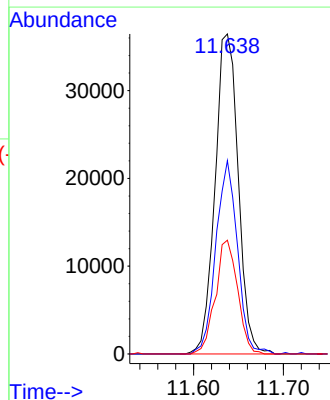
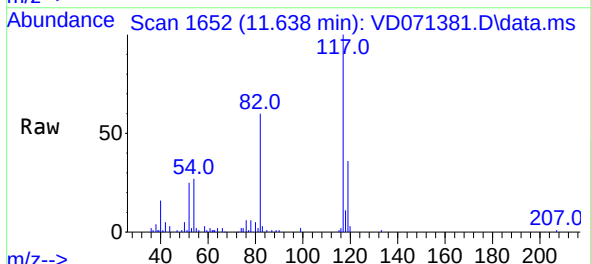
Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAY

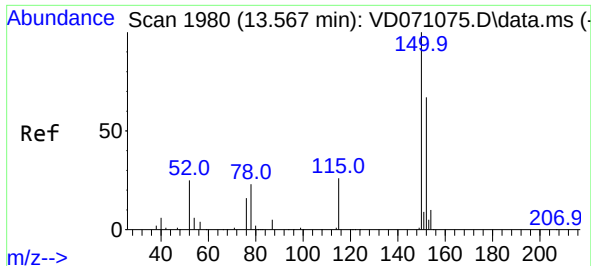
Tgt Ion: 95 Resp: 26196
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 69.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

Tgt Ion: 117 Resp: 65411
Ion Ratio Lower Upper
117 100
82 60.4 44.7 67.1
119 35.6 26.2 39.4

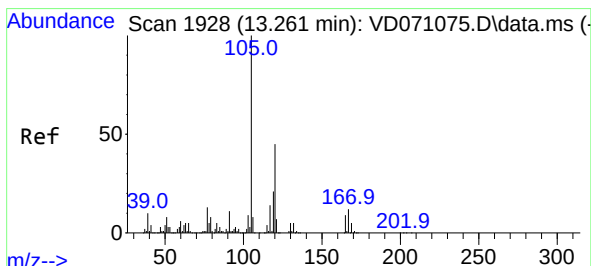
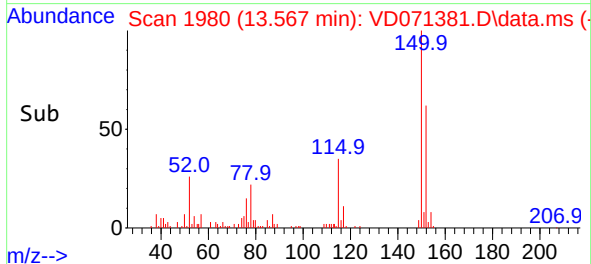
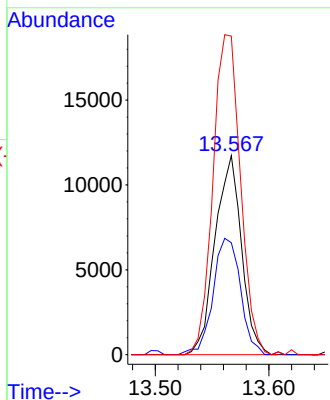
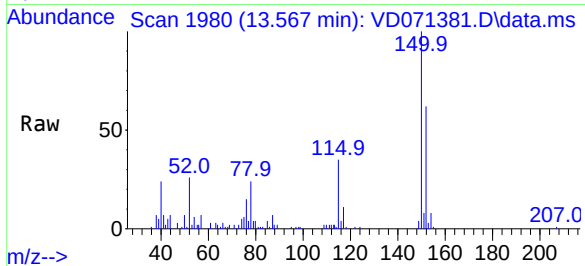




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

Instrument :
MSVOA_D
ClientSampleId :
BLUE-GREEN-CLAY

Tgt Ion:152 Resp: 18974
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 167.1 0.0 349.2



#84
1,2,4-Trimethylbenzene
Concen: 2.030 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071381.D
Acq: 17 Dec 2021 13:20

Tgt Ion:105 Resp: 2245
Ion Ratio Lower Upper
105 100
120 68.7 22.9 68.7

