

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072225.D
 Acq On : 16 Mar 2022 18:27
 Operator : VA/SY
 Sample : N1893-05
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE

Quant Time: Mar 17 02:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

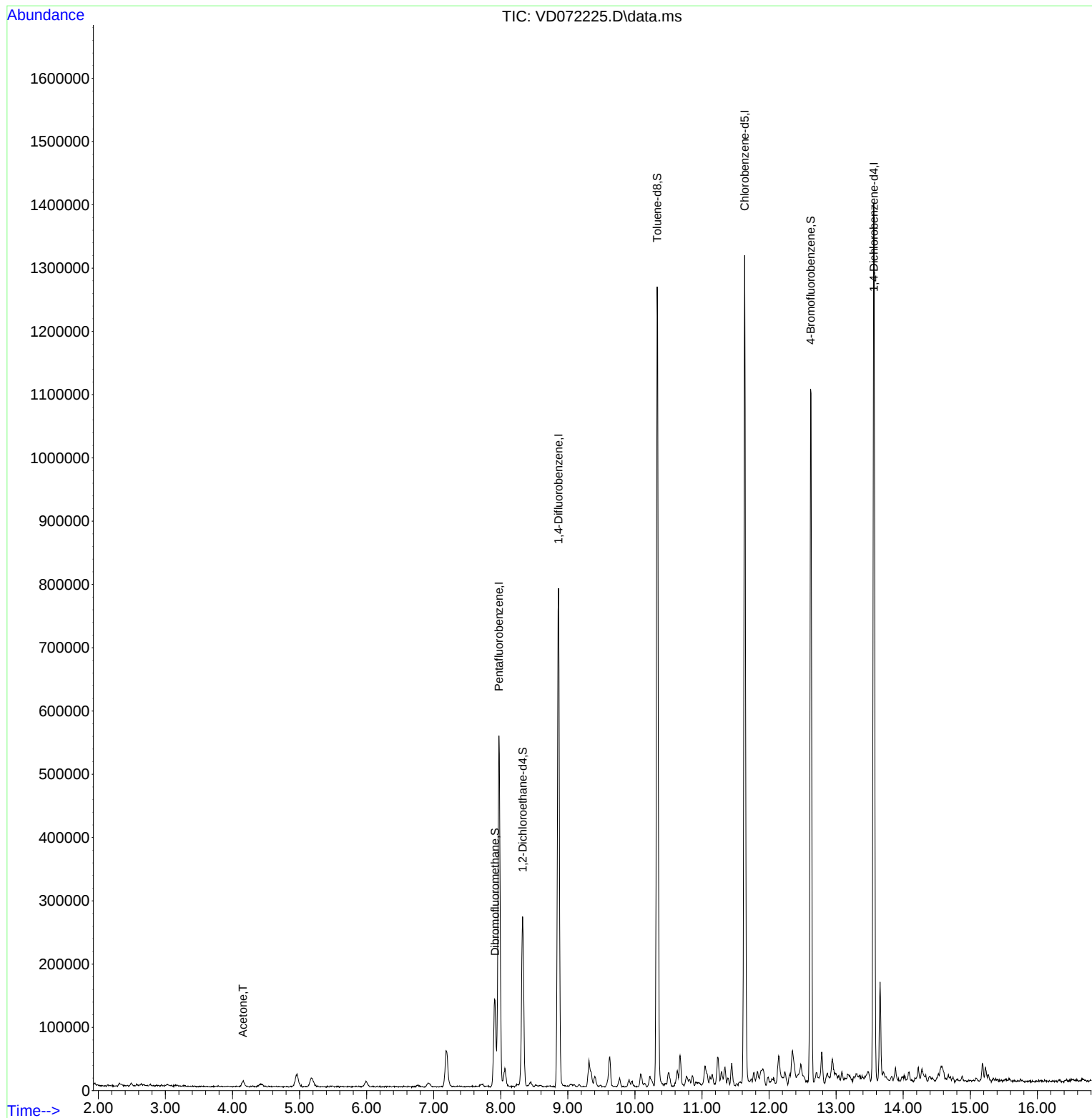
Internal Standards						
1) Pentafluorobenzene	7.973	168	402623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	671850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	738864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	376322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215737	48.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.914	113	101461	21.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.920%#
50) Toluene-d8	10.332	98	847753	49.039	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.620	95	375611	55.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.840%
Target Compounds						
16) Acetone	4.156	43	16059	16.484	ug/l	Qvalue 94

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

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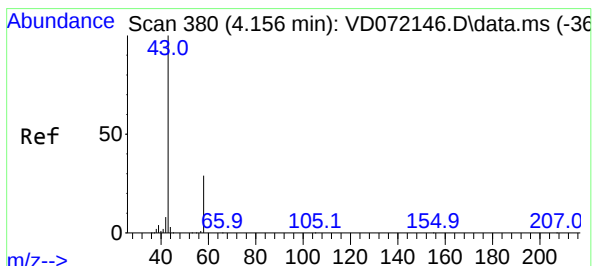
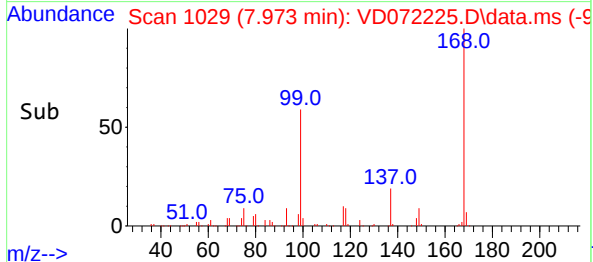
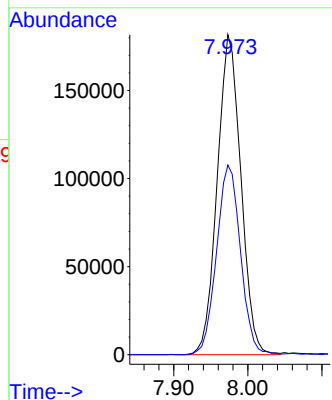
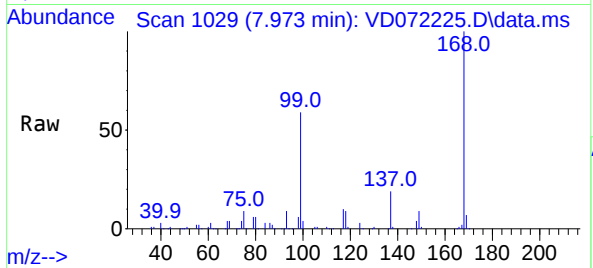




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

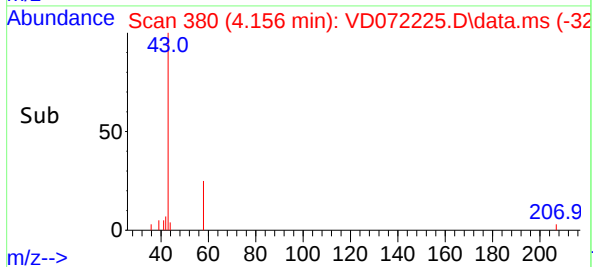
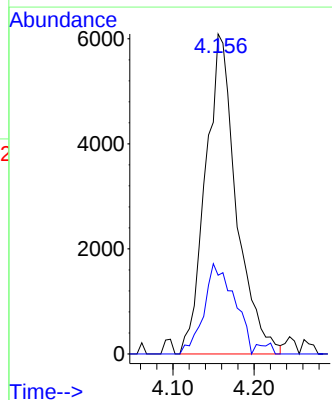
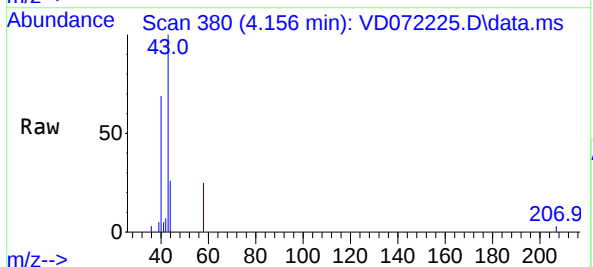
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

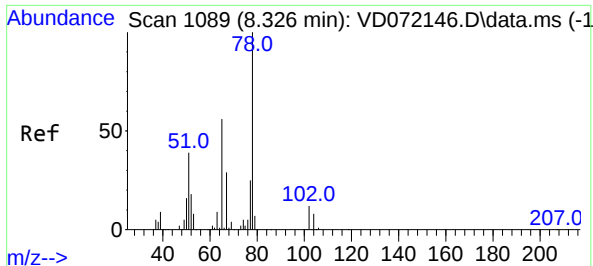
Tgt Ion:168 Resp: 402623
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#16
Acetone
Concen: 16.484 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

Tgt Ion: 43 Resp: 16059
Ion Ratio Lower Upper
43 100
58 24.6 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 48.080 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072225.D

Acq: 16 Mar 2022 18:27

Instrument :

MSVOA_D

ClientSampleId :

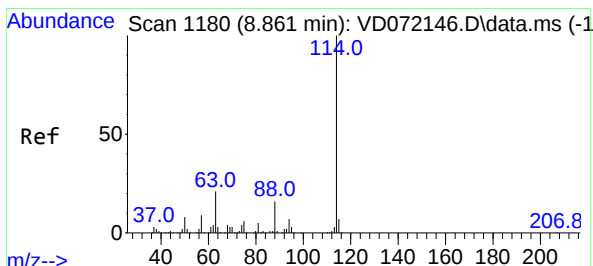
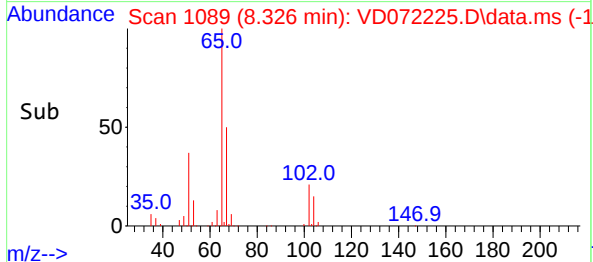
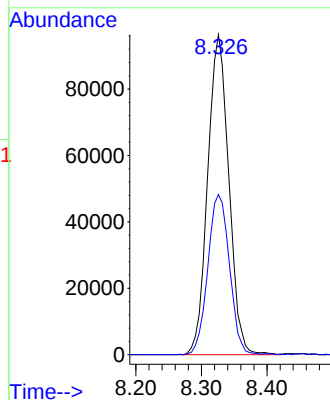
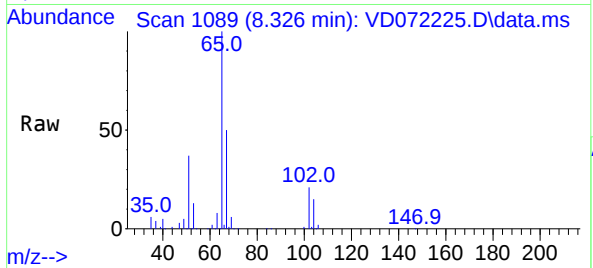
CONCRETE

Tgt Ion: 65 Resp: 215737

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072225.D

Acq: 16 Mar 2022 18:27

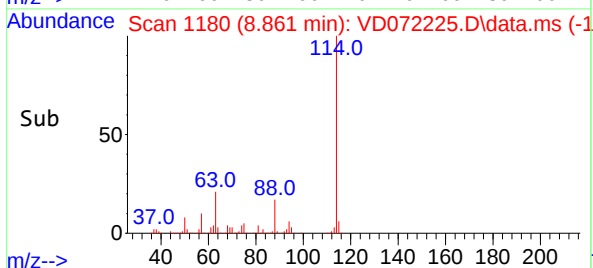
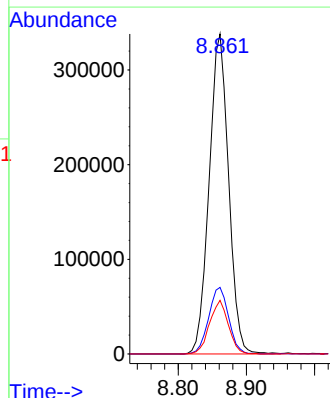
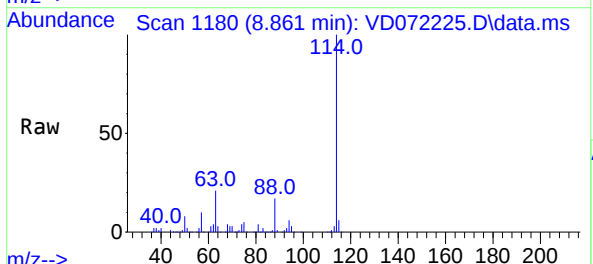
Tgt Ion: 114 Resp: 671850

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.7 0.0 33.2

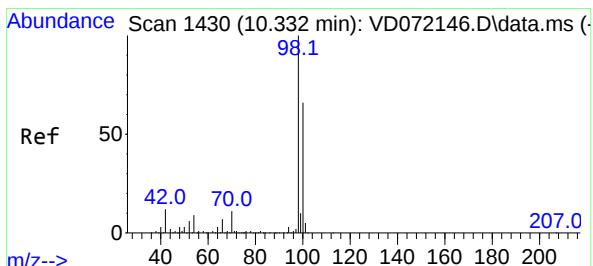
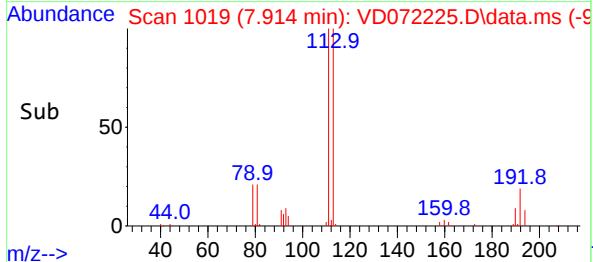
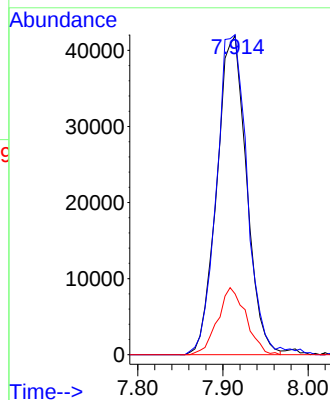
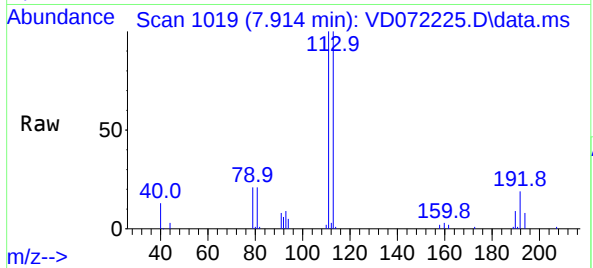




#35
Dibromofluoromethane
Concen: 21.460 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

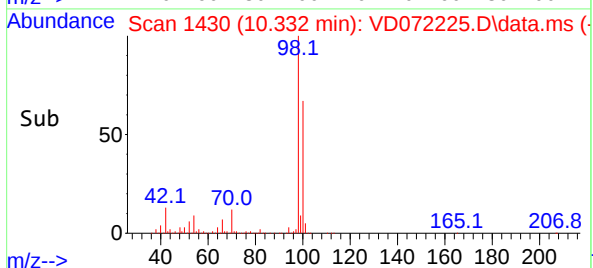
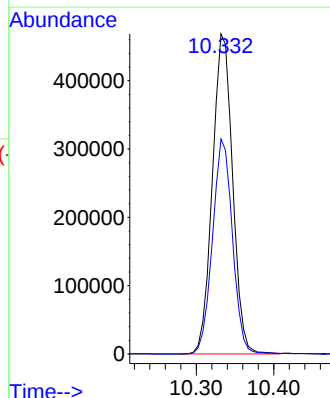
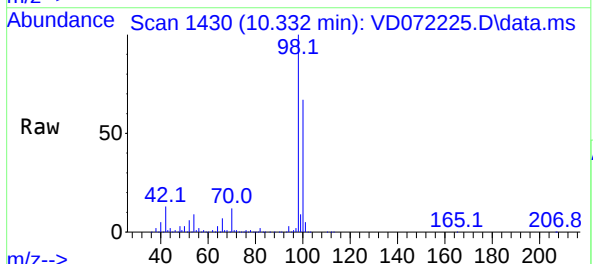
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Tgt Ion:113 Resp: 101461
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 20.1 14.6 21.8



#50
Toluene-d8
Concen: 49.039 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

Tgt Ion: 98 Resp: 847753
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

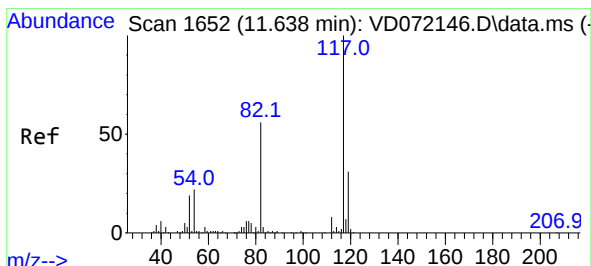
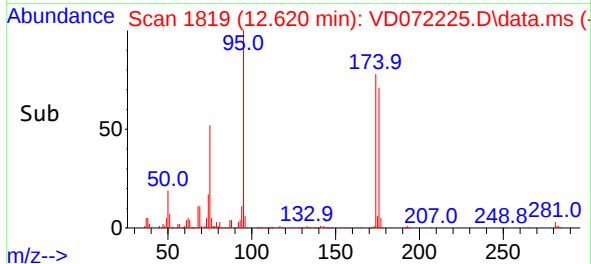
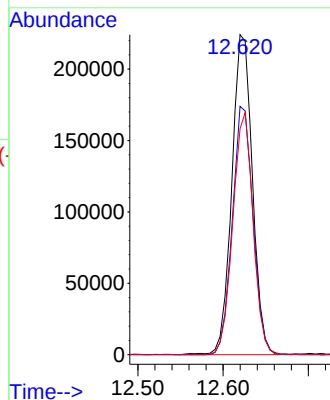
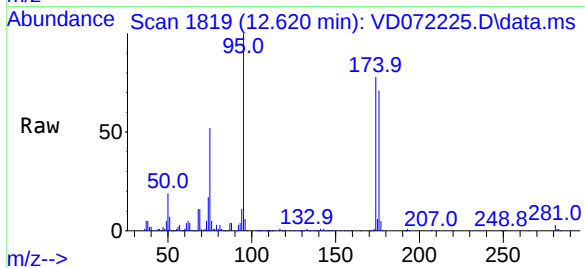




#62
4-Bromofluorobenzene
Concen: 55.918 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

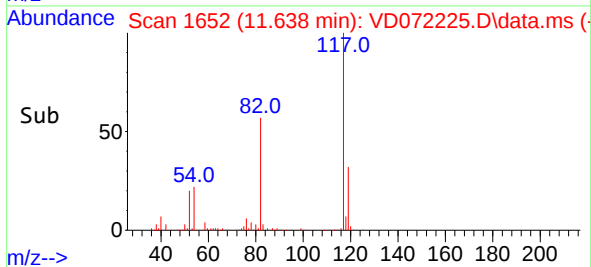
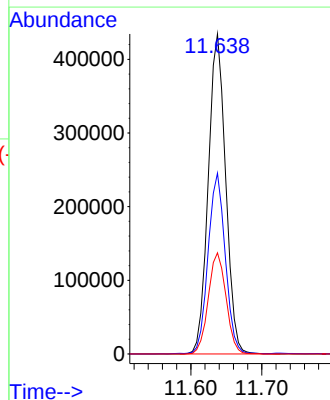
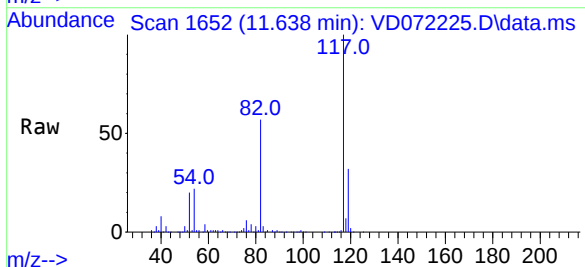
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

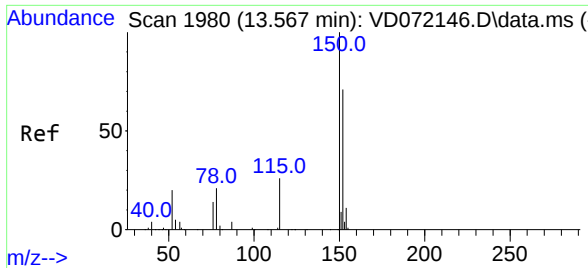
Tgt Ion: 95 Resp: 375611
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072225.D
Acq: 16 Mar 2022 18:27

Tgt Ion: 117 Resp: 738864
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 31.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD072225.D
 Acq: 16 Mar 2022 18:27

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE

Tgt Ion:	152	Resp:	376322
Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.3	93.8
150	156.9	0.0	348.6

