

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069692.D
 Acq On : 14 Jul 2021 17:11
 Operator : VA/SY
 Sample : M3012-04
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-TP2

Quant Time: Jul 15 03:31:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

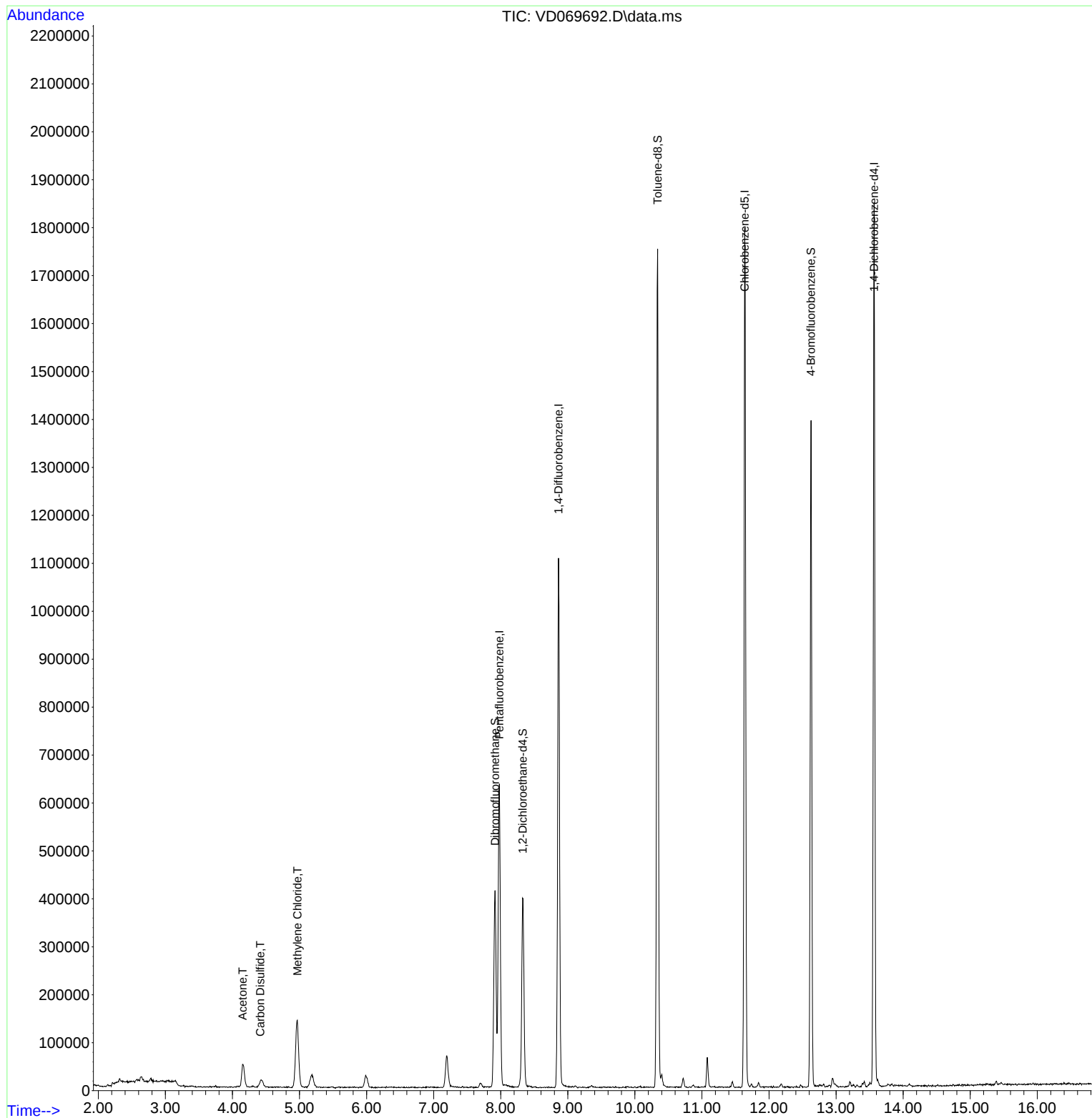
Internal Standards						
1) Pentafluorobenzene	7.979	168	434747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	902688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1029760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	468016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	315664	58.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.300%
35) Dibromofluoromethane	7.914	113	308785	50.989	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.338	98	1206251	51.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.626	95	479413	61.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.200%
Target Compounds						Qvalue
16) Acetone	4.150	43	89583	86.252	ug/l	90
17) Carbon Disulfide	4.415	76	10810	1.076	ug/l #	84
20) Methylene Chloride	4.967	84	113835	10.731	ug/l	96

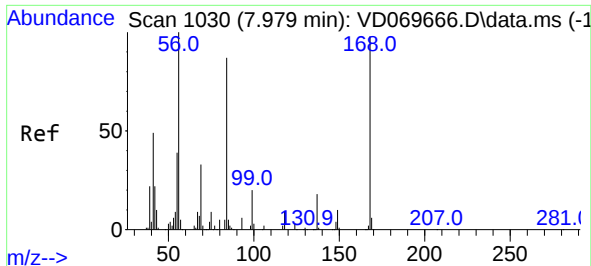
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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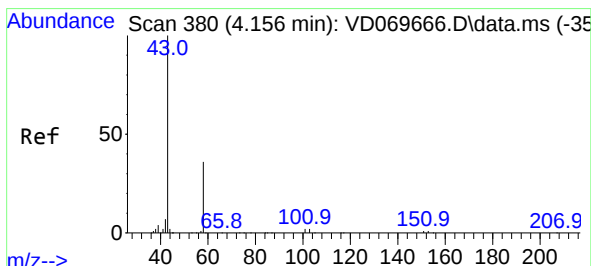
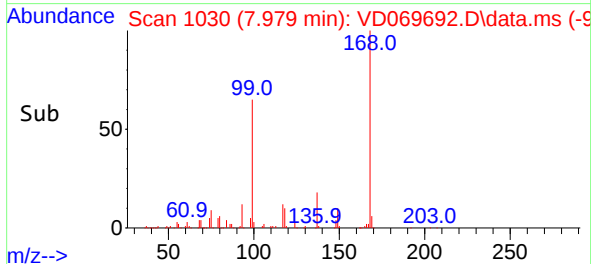
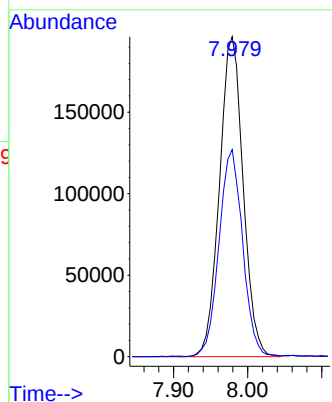
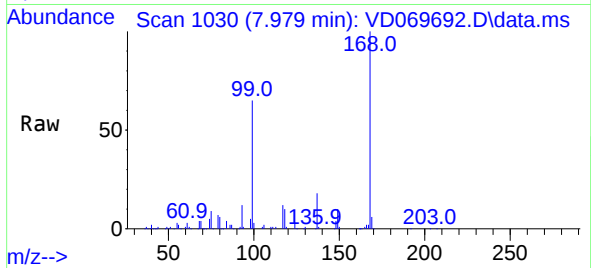




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

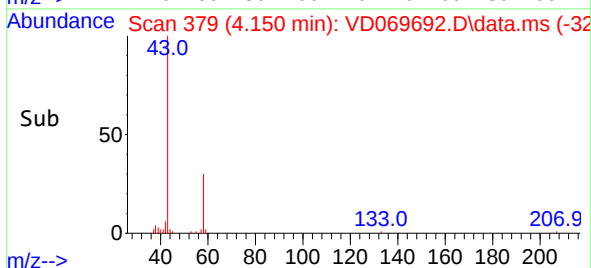
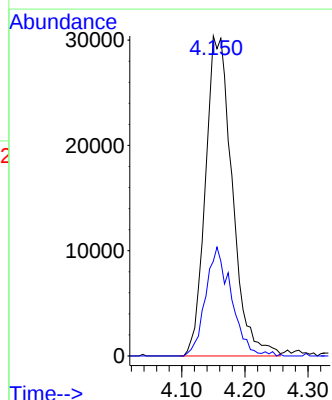
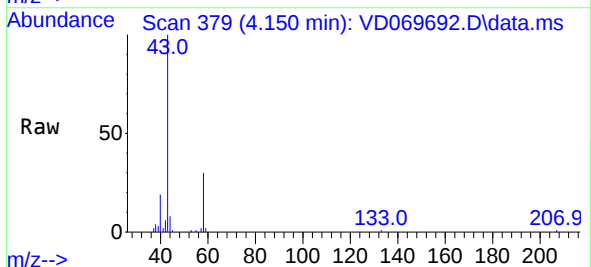
Instrument :
MSVOA_D
ClientSampleId :
PS-TP2

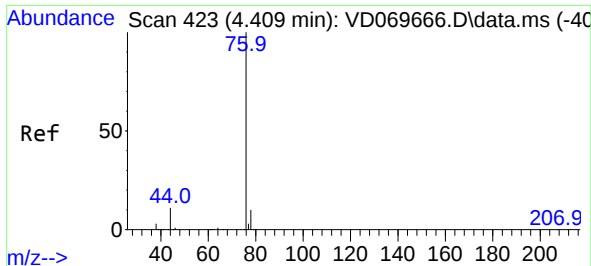
Tgt Ion:168 Resp: 434747
Ion Ratio Lower Upper
168 100
99 64.5 51.8 77.6



#16
Acetone
Concen: 86.252 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

Tgt Ion: 43 Resp: 89583
Ion Ratio Lower Upper
43 100
58 29.6 28.6 42.8

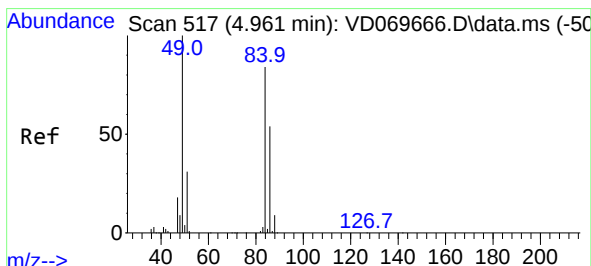
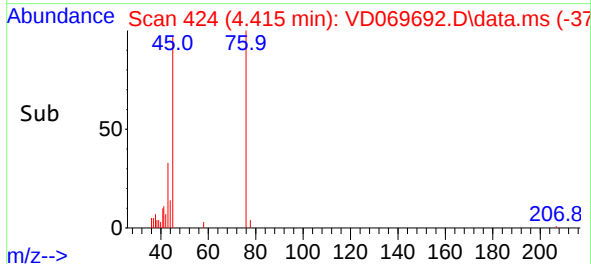
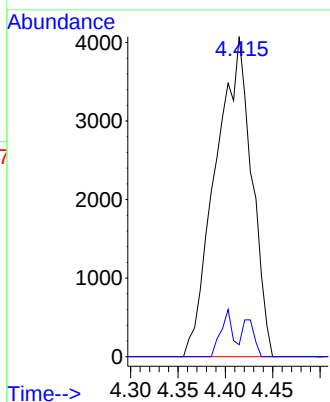
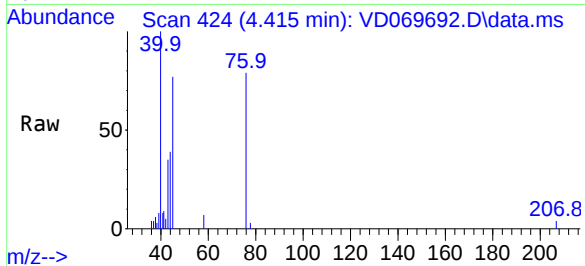




#17
Carbon Disulfide
Concen: 1.076 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

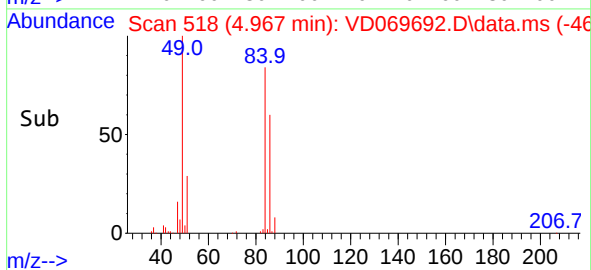
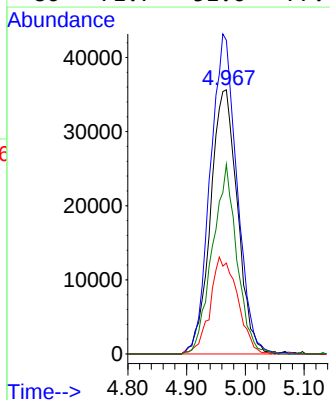
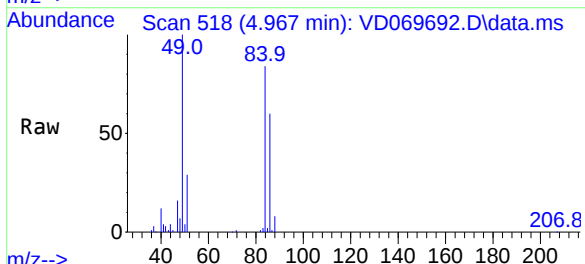
Instrument :
MSVOA_D
ClientSampleId :
PS-TP2

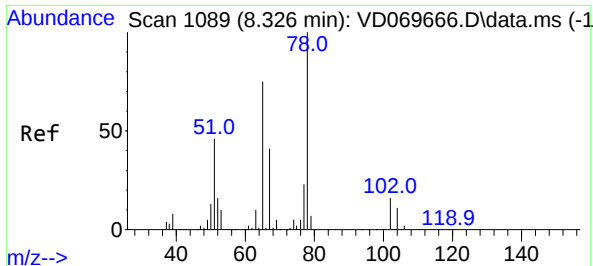
Tgt Ion: 76 Resp: 10810
Ion Ratio Lower Upper
76 100
78 3.8 7.6 11.4#



#20
Methylene Chloride
Concen: 10.731 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

Tgt Ion: 84 Resp: 113835
Ion Ratio Lower Upper
84 100
49 118.8 95.5 143.3
51 34.4 29.7 44.5
86 71.7 51.6 77.4

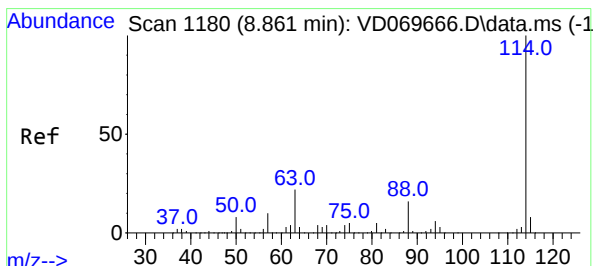
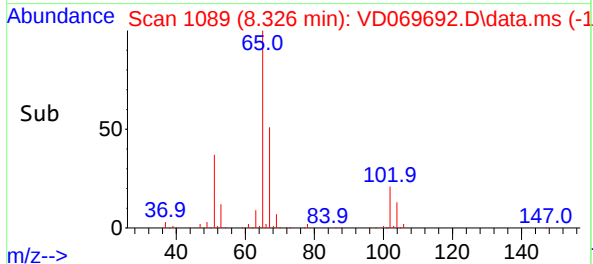
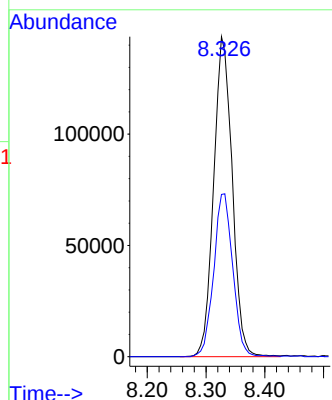
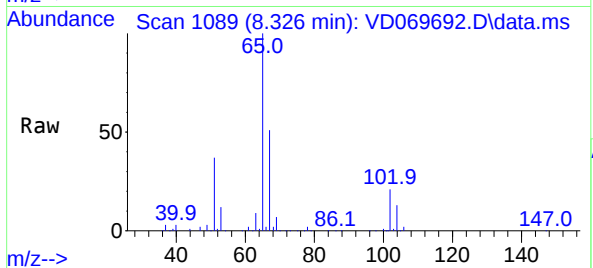




#33
1,2-Dichloroethane-d4
Concen: 58.151 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

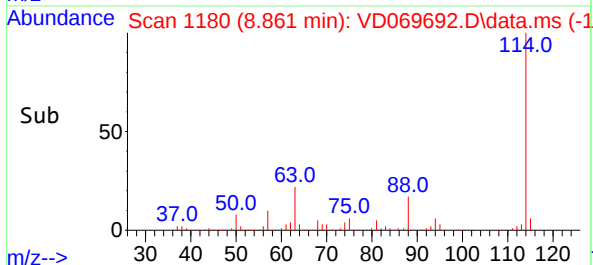
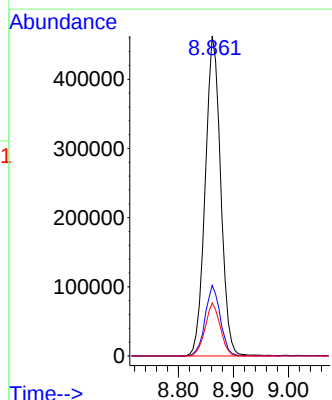
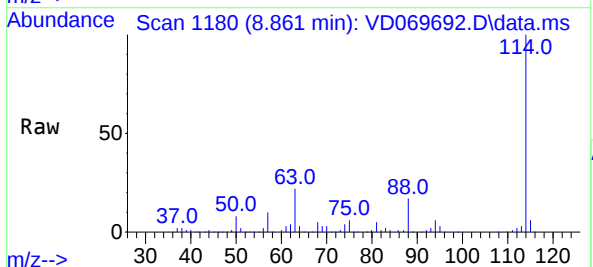
Instrument :
MSVOA_D
ClientSampleId :
PS-TP2

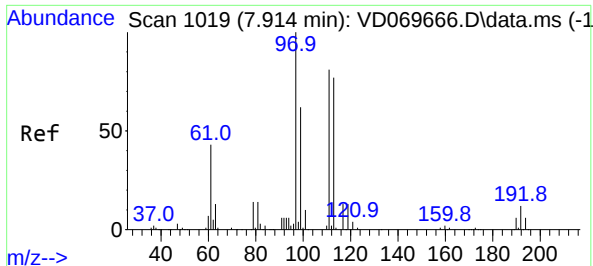
Tgt Ion: 65 Resp: 315664
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

Tgt Ion: 114 Resp: 902688
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 16.6 0.0 32.0

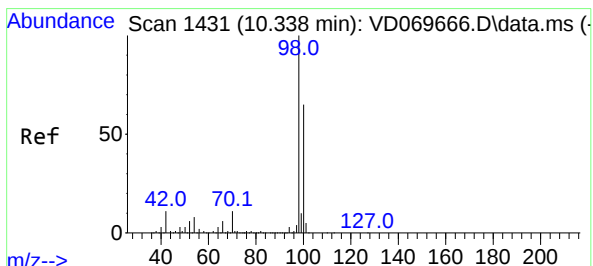
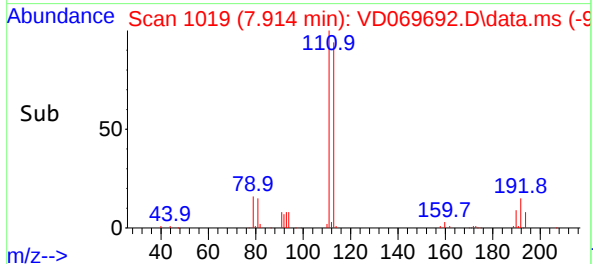
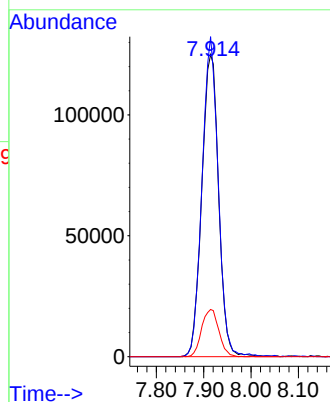
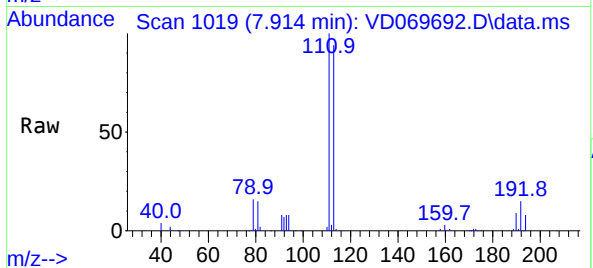




#35
Dibromofluoromethane
Concen: 50.989 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

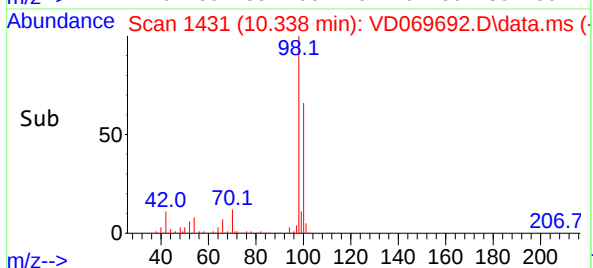
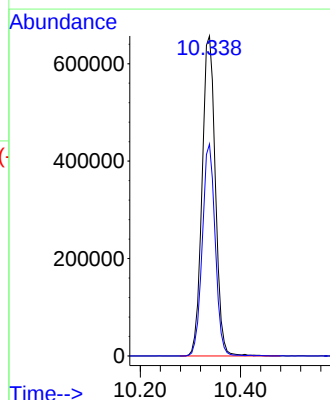
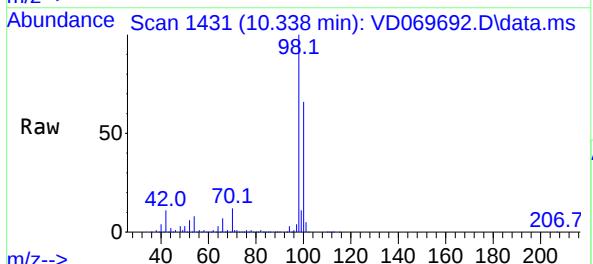
Instrument :
MSVOA_D
ClientSampleId :
PS-TP2

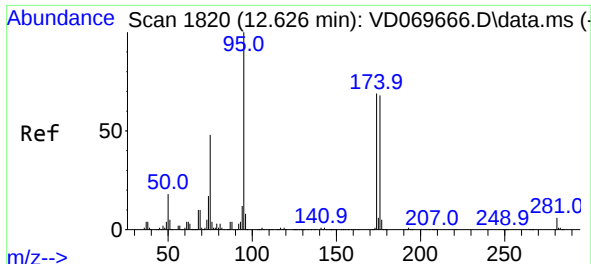
Tgt Ion:113 Resp: 308785
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 16.0 12.7 19.1



#50
Toluene-d8
Concen: 51.270 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

Tgt Ion: 98 Resp: 1206251
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2

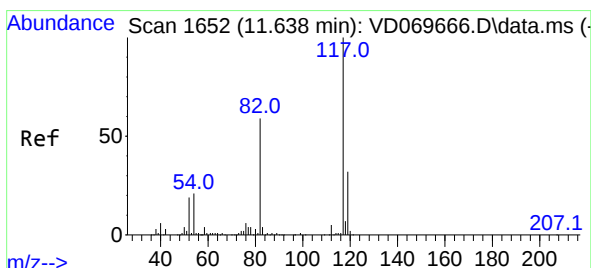
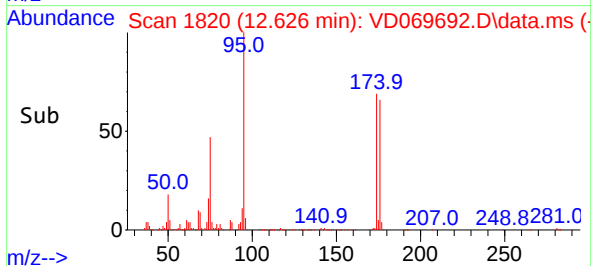
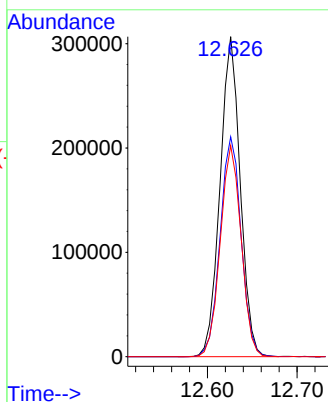
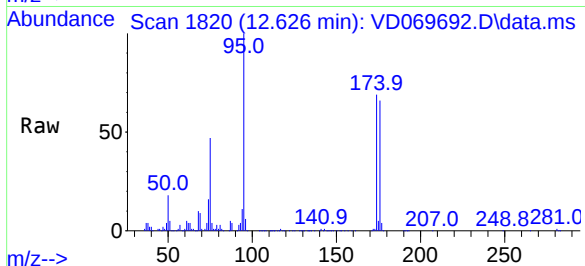




#62
4-Bromofluorobenzene
Concen: 61.098 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

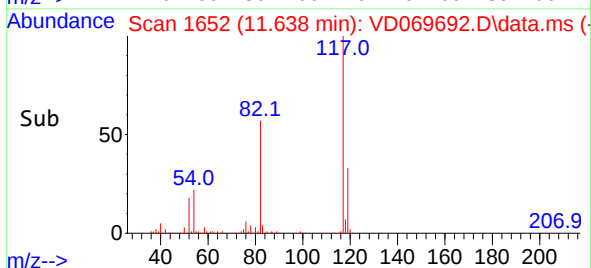
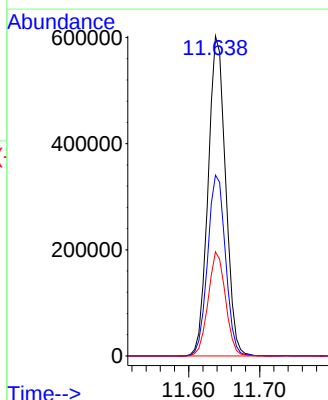
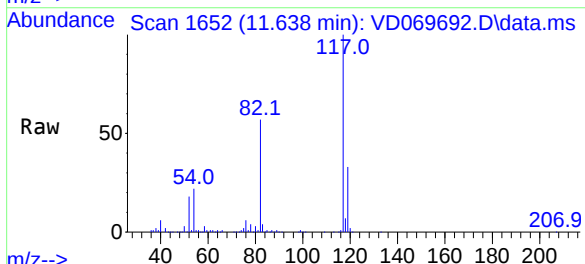
Instrument :
MSVOA_D
ClientSampled :
PS-TP2

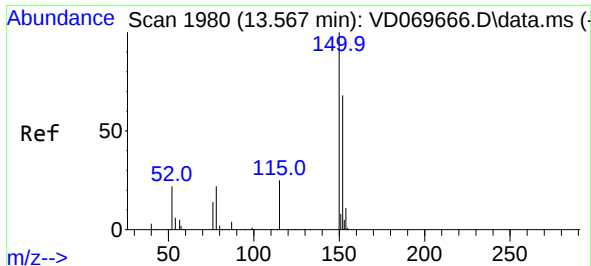
Tgt Ion: 95 Resp: 479413
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 67.8 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069692.D
Acq: 14 Jul 2021 17:11

Tgt Ion: 117 Resp: 1029760
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 32.5 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069692.D
 Acq: 14 Jul 2021 17:11

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-TP2

Tgt Ion:152 Resp: 468016

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.7	95.1
150	158.2	0.0	350.4

