

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070428.D
 Acq On : 22 Sep 2021 15:54
 Operator : VA/SY
 Sample : M3867-04
 Misc : 5.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-(5.0-6.0)

Quant Time: Sep 23 05:33:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

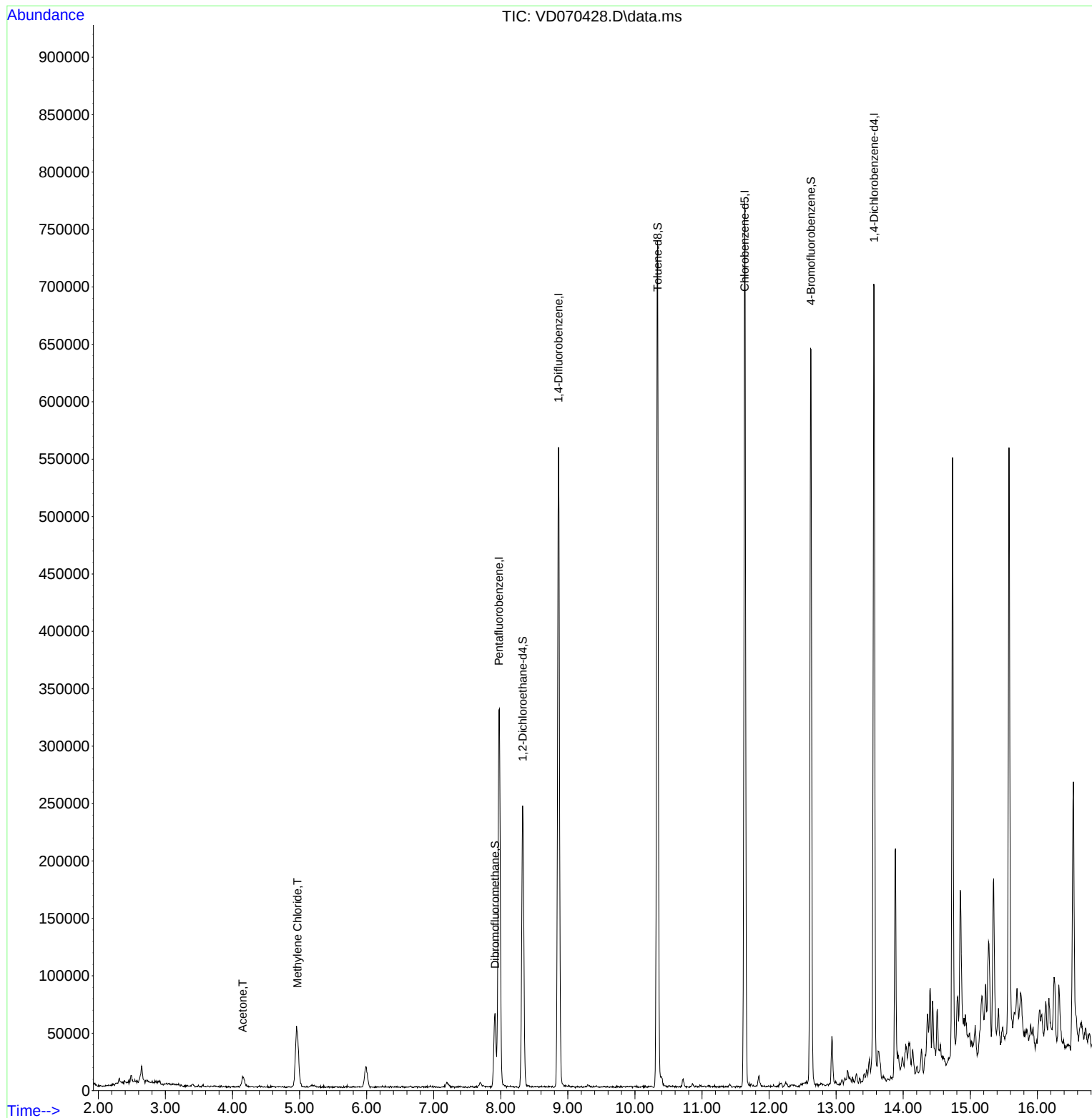
Internal Standards						
1) Pentafluorobenzene	7.973	168	236683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	480215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	459633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	184725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191322	62.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.900%
35) Dibromofluoromethane	7.914	113	47481	13.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	27.780%#
50) Toluene-d8	10.338	98	518577	41.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.560%
62) 4-Bromofluorobenzene	12.626	95	165161	38.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.160%
Target Compounds						
						Qvalue
16) Acetone	4.150	43	16208	29.872	ug/l	98
20) Methylene Chloride	4.967	84	44093	6.759	ug/l	92

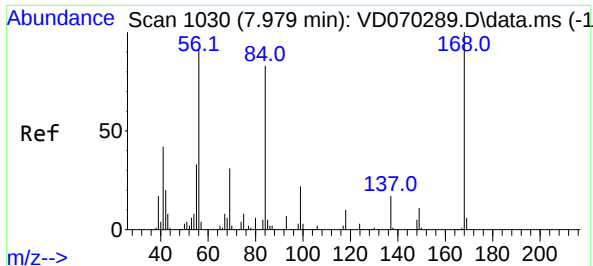
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
Data File : VD070428.D
Acq On : 22 Sep 2021 15:54
Operator : VA/SY
Sample : M3867-04
Misc : 5.47G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

Quant Time: Sep 23 05:33:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

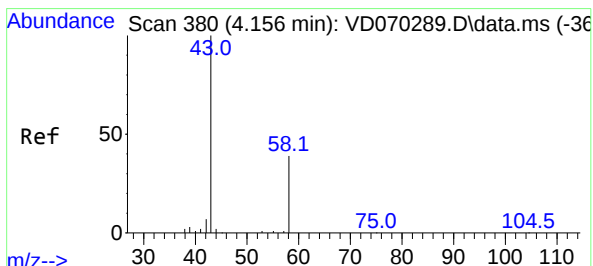
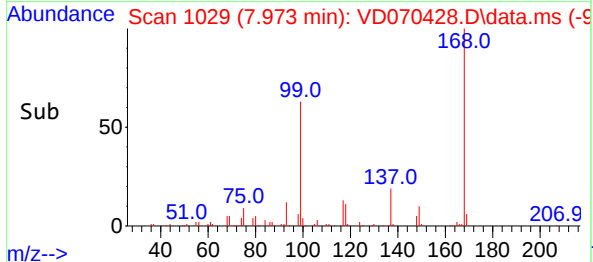
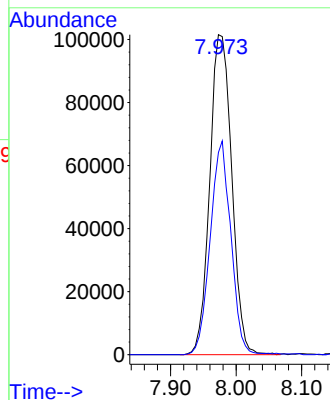
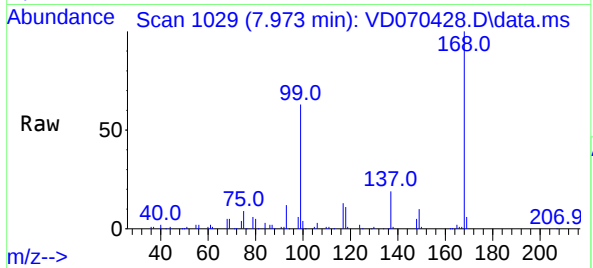




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

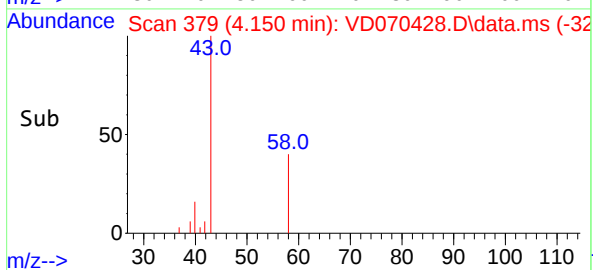
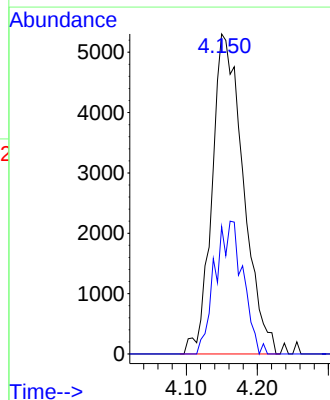
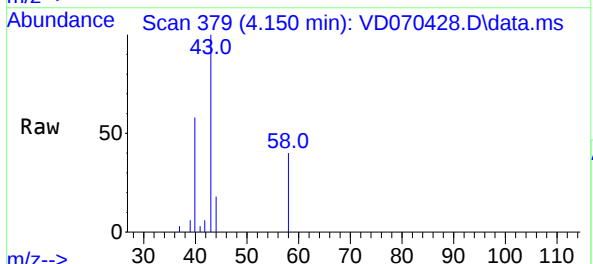
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

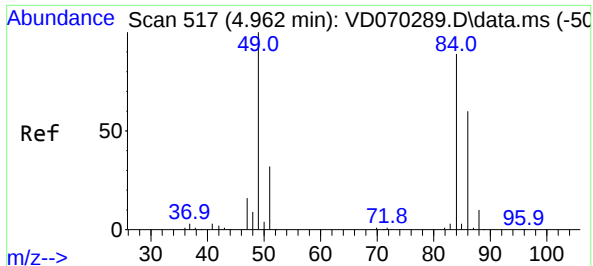
Tgt Ion:168 Resp: 236683
Ion Ratio Lower Upper
168 100
99 63.2 50.8 76.2



#16
Acetone
Concen: 29.872 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 43 Resp: 16208
Ion Ratio Lower Upper
43 100
58 39.7 30.9 46.3



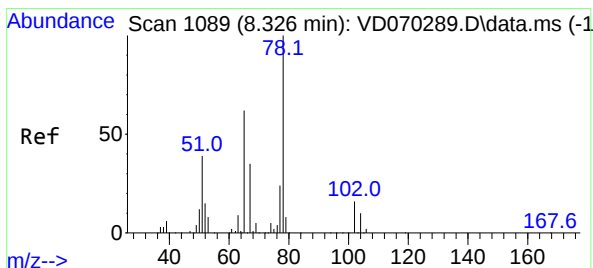
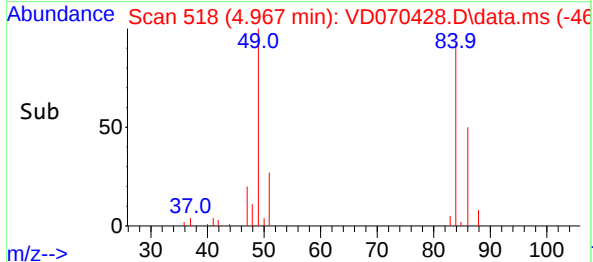
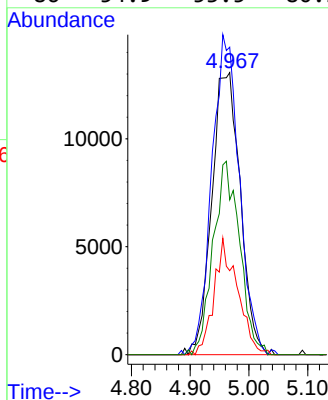
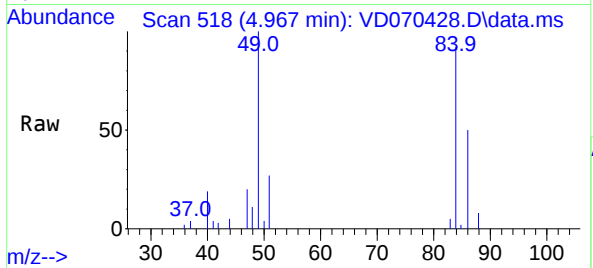


#20
Methylene Chloride
Concen: 6.759 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

Tgt Ion: 84 Resp: 44093

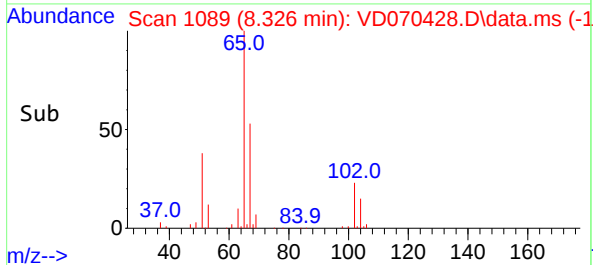
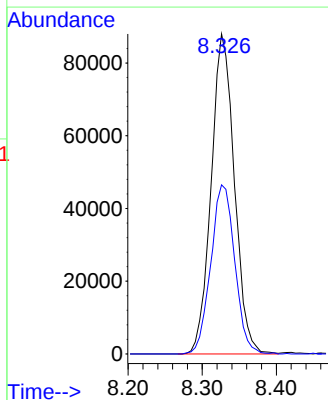
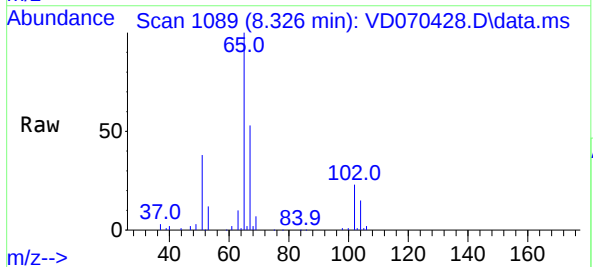
Ion	Ratio	Lower	Upper
84	100		
49	109.0	89.6	134.4
51	29.8	28.6	43.0
86	54.9	53.5	80.3

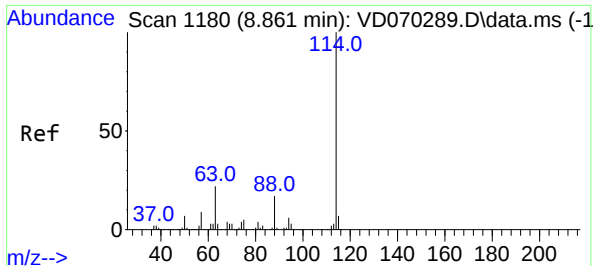


#33
1,2-Dichloroethane-d4
Concen: 62.954 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 65 Resp: 191322

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.4



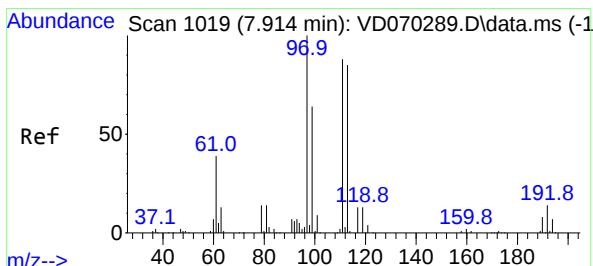
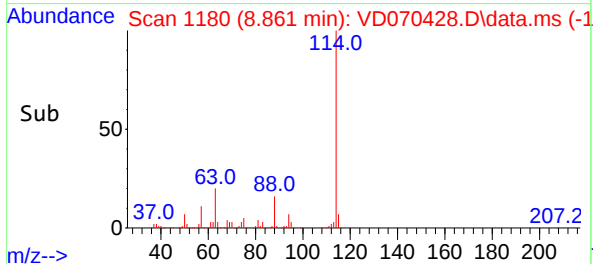
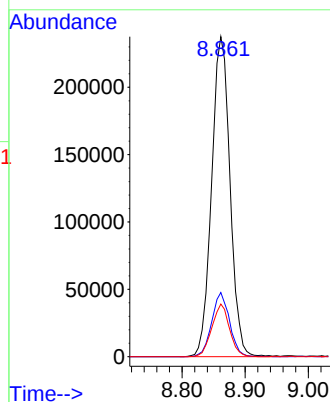
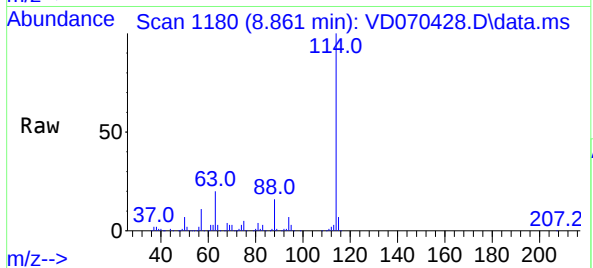


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

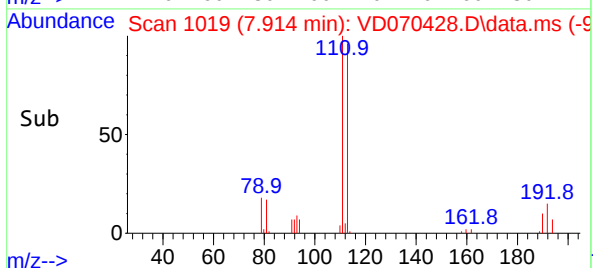
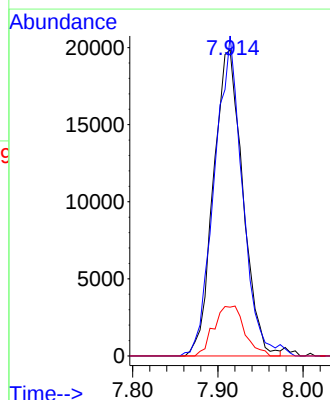
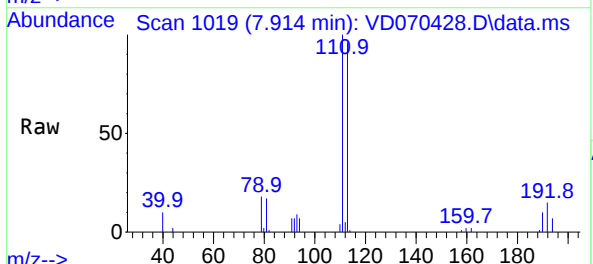
Tgt Ion:	114	Resp:	480215
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.4
88	16.5	0.0	33.4

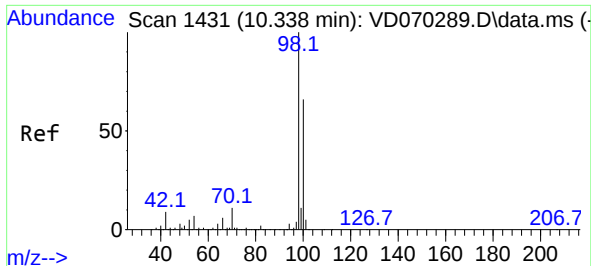


#35

Dibromofluoromethane
Concen: 13.891 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Tgt Ion:	113	Resp:	47481
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.4	122.2
192	17.0	13.0	19.6

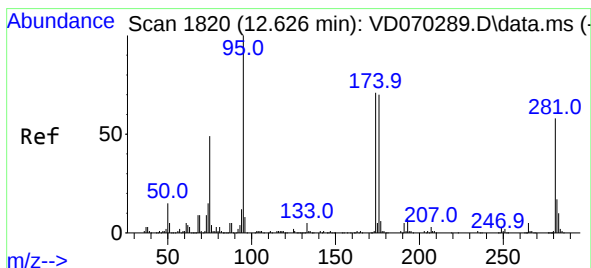
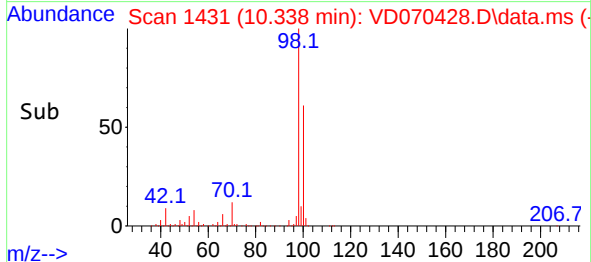
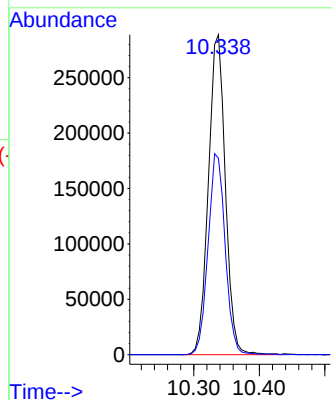
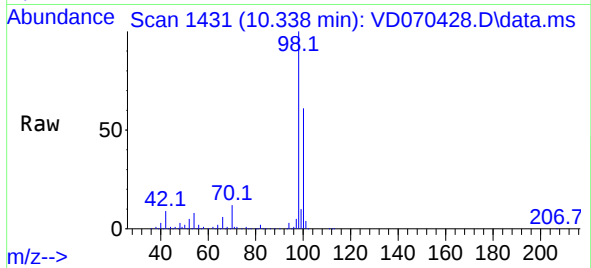




#50
Toluene-d8
Concen: 41.784 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

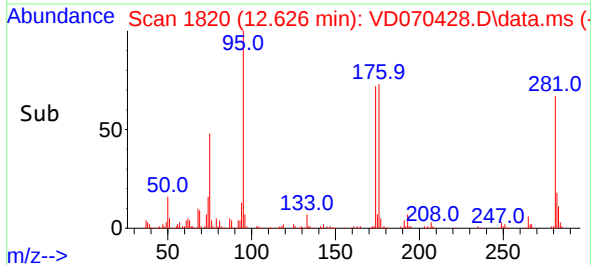
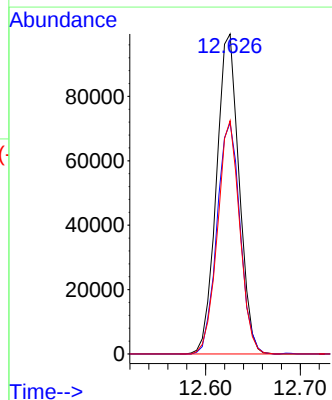
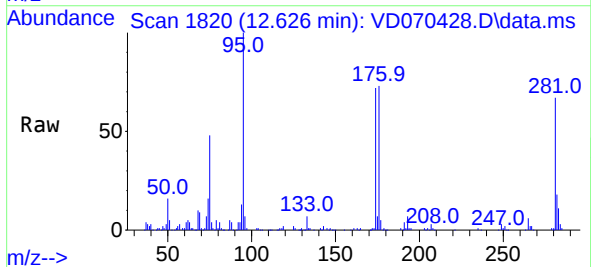
Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

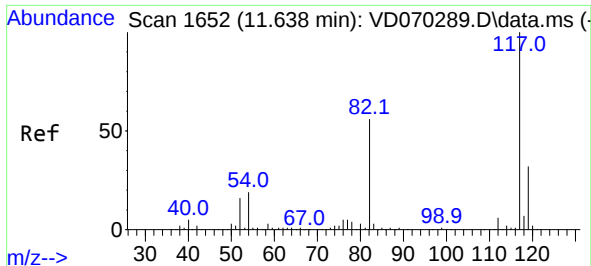
Tgt Ion: 98 Resp: 518577
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.078 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Tgt Ion: 95 Resp: 165161
Ion Ratio Lower Upper
95 100
174 73.7 0.0 140.6
176 71.3 0.0 137.4

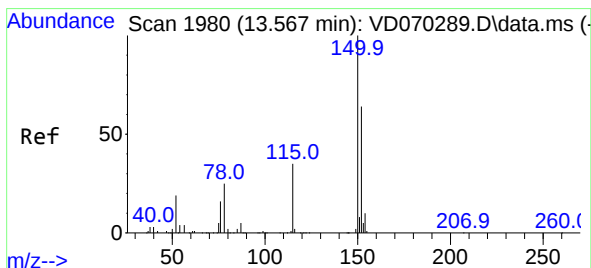
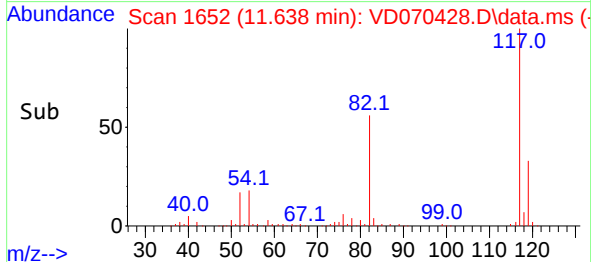
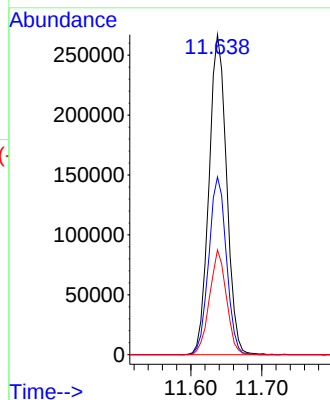
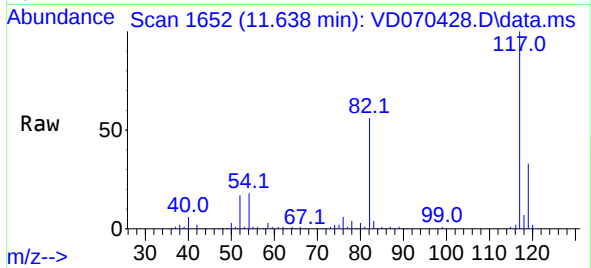




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Instrument :
MSVOA_D
ClientSampleId :
SB-4-(5.0-6.0)

Tgt Ion:117 Resp: 459633
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070428.D
Acq: 22 Sep 2021 15:54

Tgt Ion:152 Resp: 184725
Ion Ratio Lower Upper
152 100
115 61.8 32.1 96.3
150 156.2 0.0 350.6

