

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070009.D
 Acq On : 09 Aug 2021 21:16
 Operator : VA/SY
 Sample : M3318-06
 Misc : 5.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210433-19

Quant Time: Aug 10 07:07:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

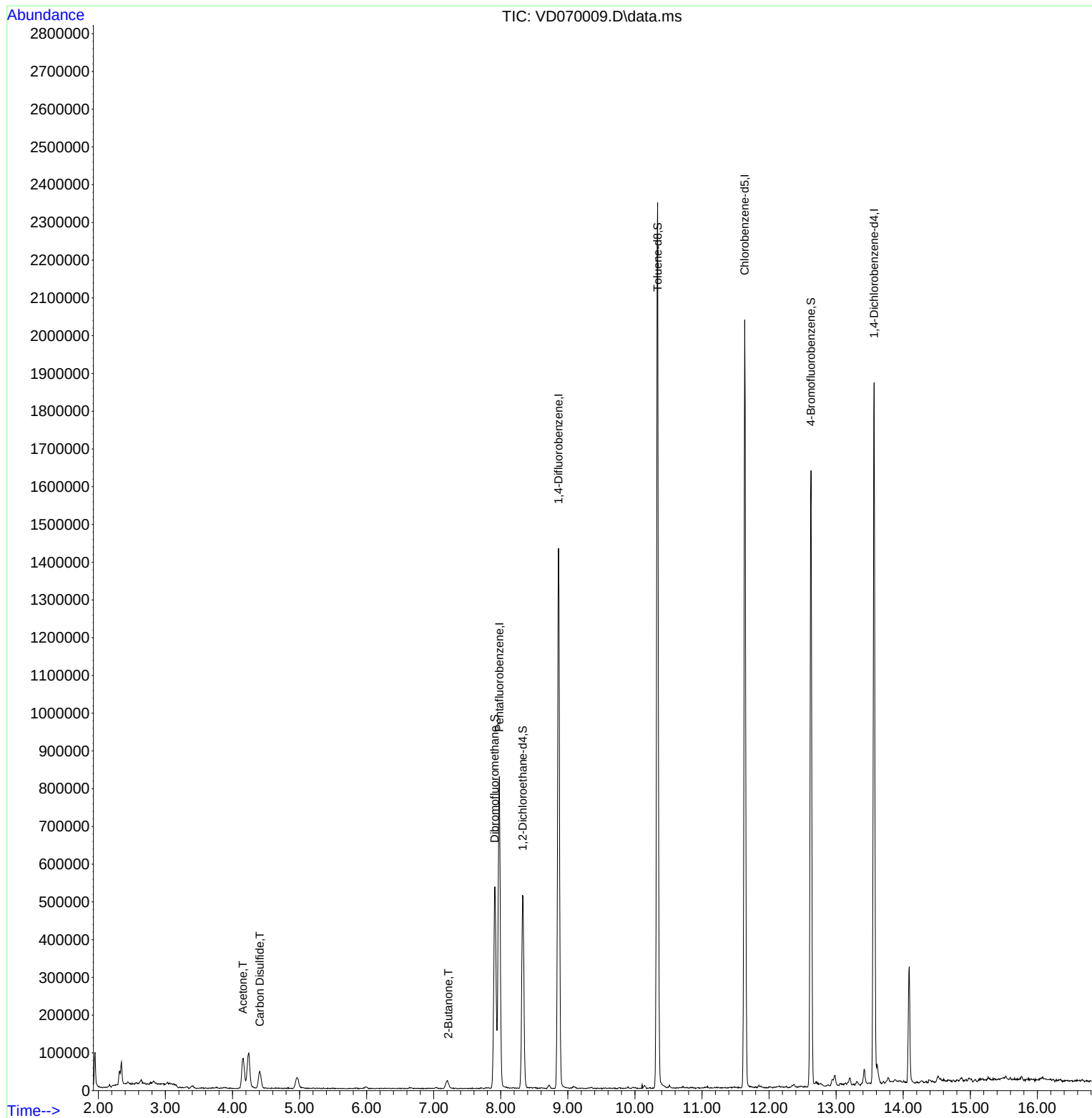
Internal Standards						
1) Pentafluorobenzene	7.979	168	565169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1211415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1156964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	489506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	416393	64.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 128.120%		
35) Dibromofluoromethane	7.908	113	398751	52.215	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 104.420%		
50) Toluene-d8	10.338	98	1580869	53.685	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 107.380%		
62) 4-Bromofluorobenzene	12.626	95	510834	51.907	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 103.820%		
Target Compounds						Qvalue
16) Acetone	4.156	43	144991	123.482	ug/l	98
17) Carbon Disulfide	4.409	76	98197	4.247	ug/l	97
25) 2-Butanone	7.220	43	14454	9.077	ug/l	99

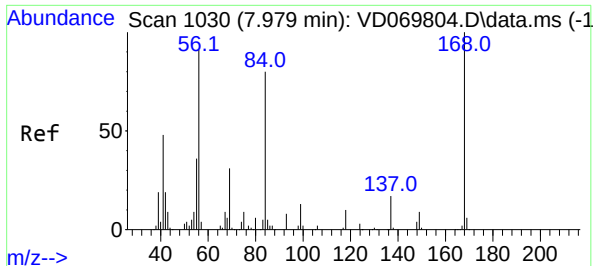
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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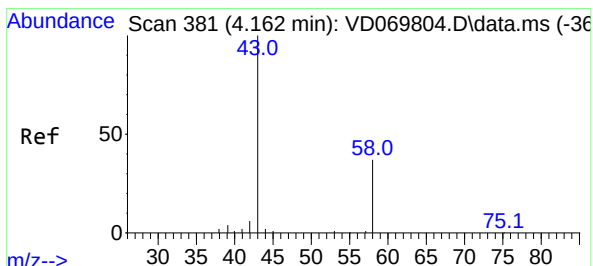
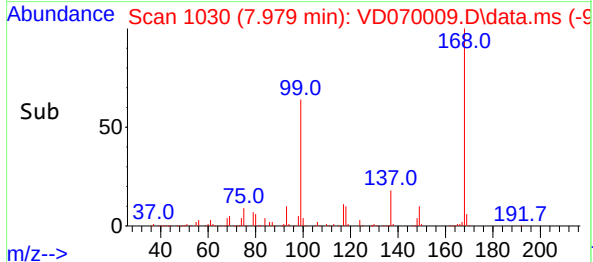
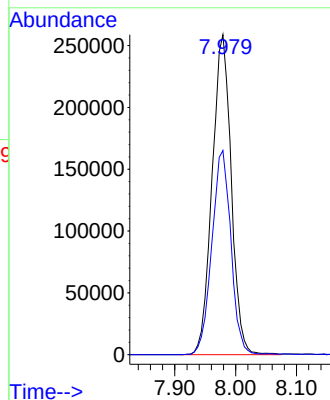
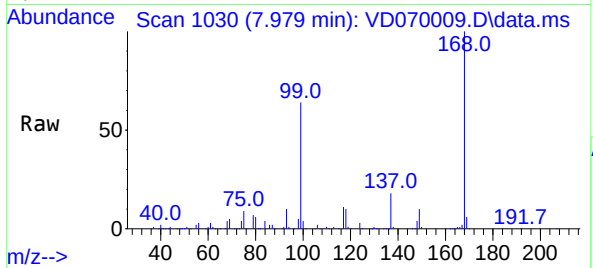




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

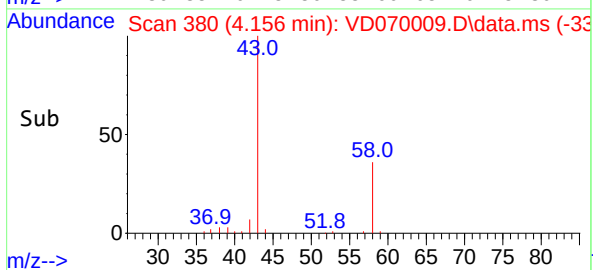
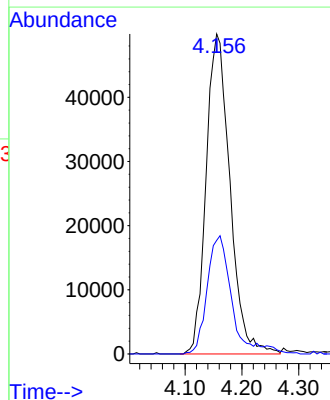
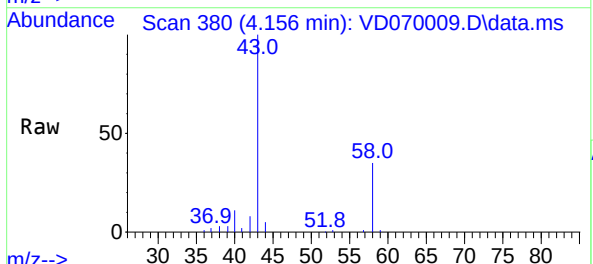
Instrument :
MSVOA_D
ClientSampleId :
20210433-19

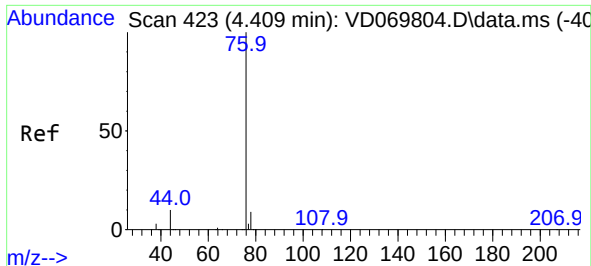
Tgt Ion:168 Resp: 565169
Ion Ratio Lower Upper
168 100
99 63.8 51.1 76.7



#16
Acetone
Concen: 123.482 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Tgt Ion: 43 Resp: 144991
Ion Ratio Lower Upper
43 100
58 35.5 29.4 44.0

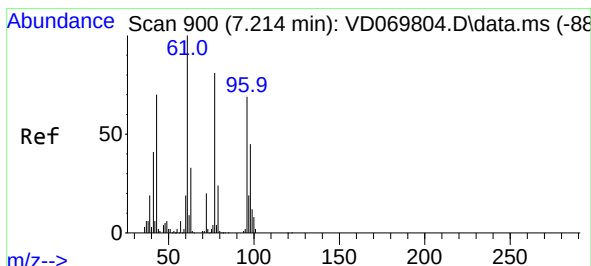
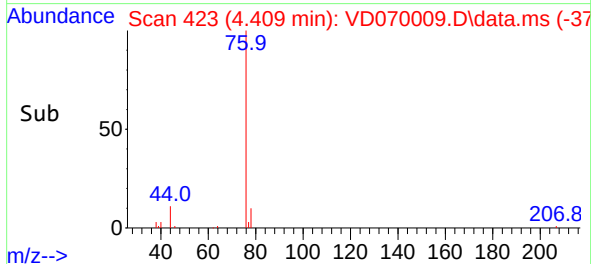
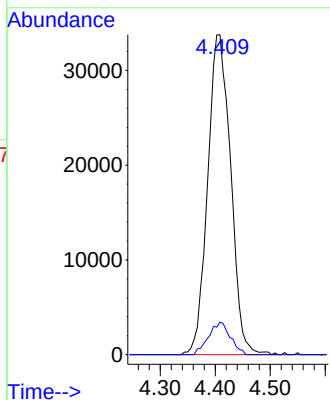
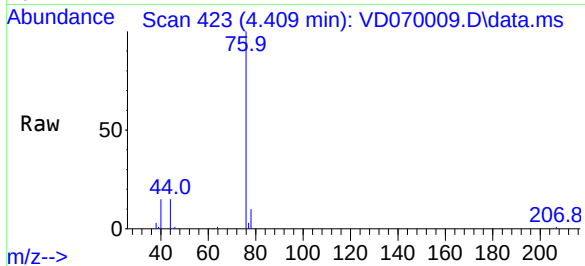




#17
Carbon Disulfide
Concen: 4.247 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

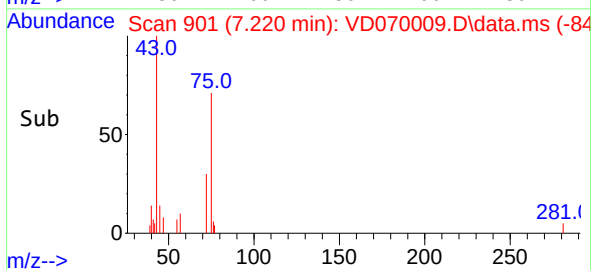
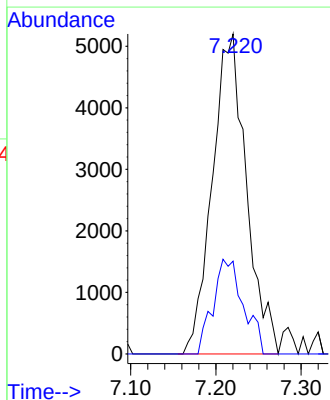
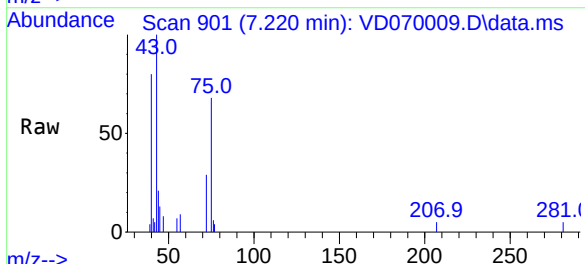
Instrument :
MSVOA_D
ClientSampleId :
20210433-19

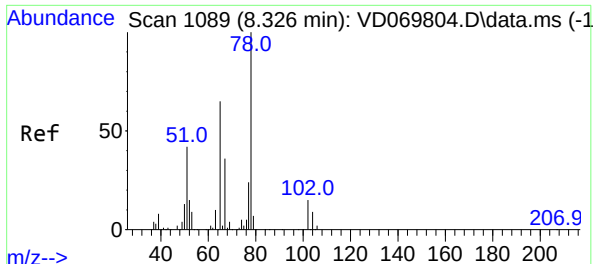
Tgt Ion: 76 Resp: 98197
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#25
2-Butanone
Concen: 9.077 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Tgt Ion: 43 Resp: 14454
Ion Ratio Lower Upper
43 100
72 29.0 22.8 34.2

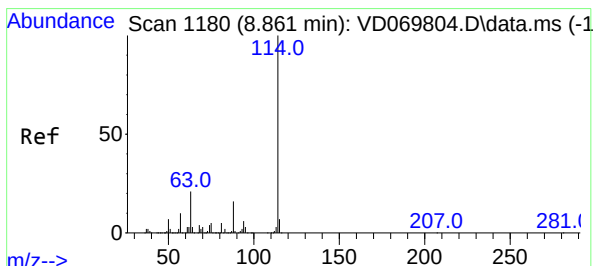
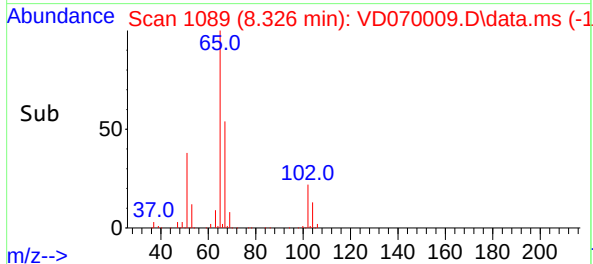
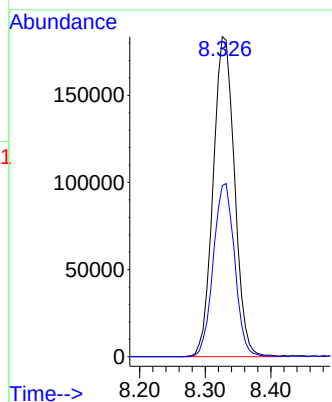
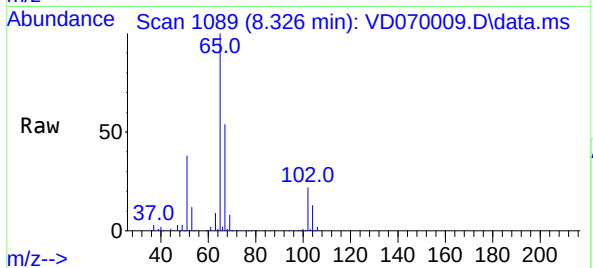




#33
1,2-Dichloroethane-d4
Concen: 64.061 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

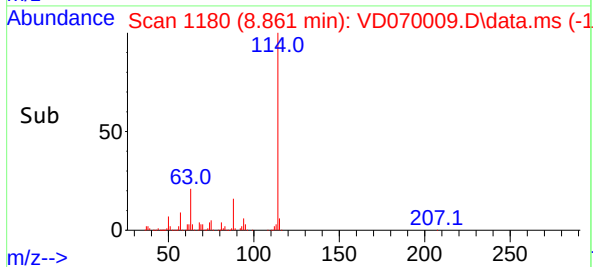
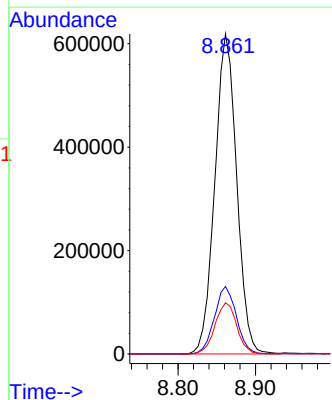
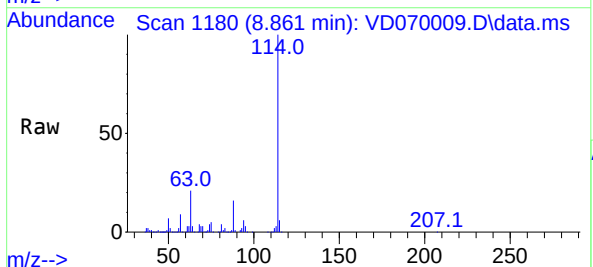
Instrument :
MSVOA_D
ClientSampleId :
20210433-19

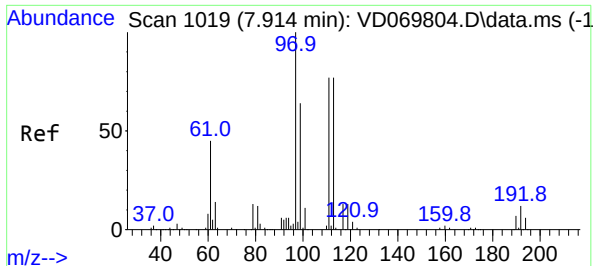
Tgt Ion: 65 Resp: 416393
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Tgt Ion:114 Resp: 1211415
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.6
88 16.0 0.0 31.4



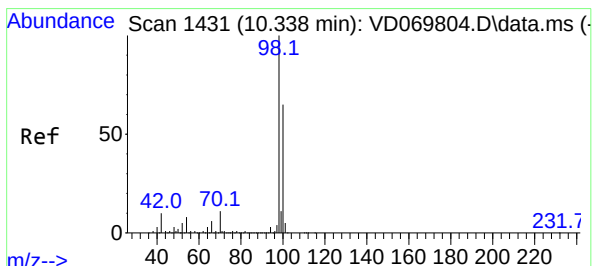
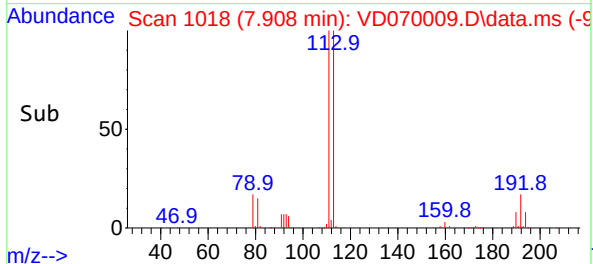
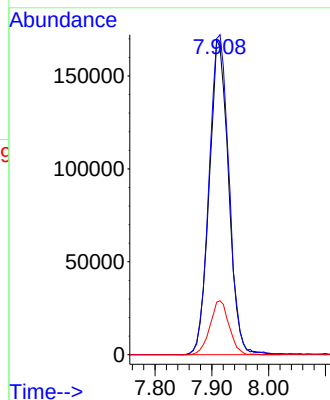
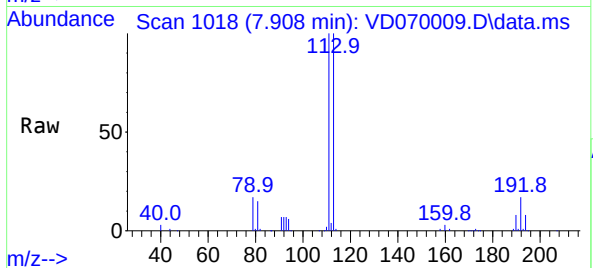


#35

Dibromofluoromethane
Concen: 52.215 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Instrument :
MSVOA_D
ClientSampleId :
20210433-19

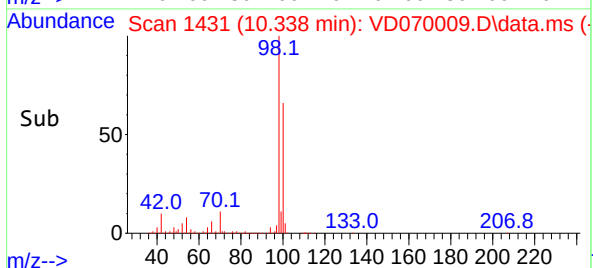
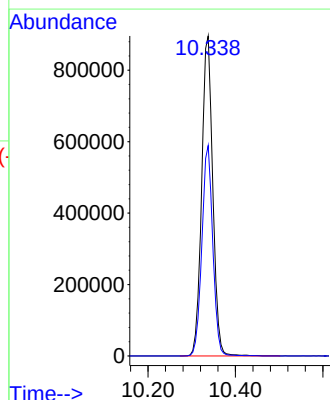
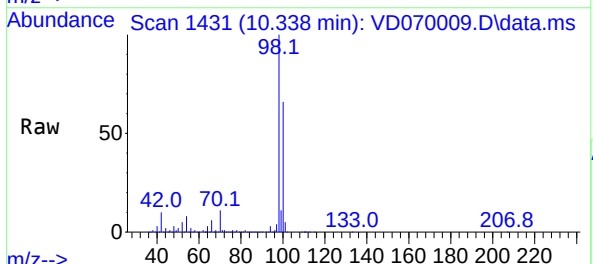
Tgt Ion:113 Resp: 398751
Ion Ratio Lower Upper
113 100
111 104.8 80.5 120.7
192 16.9 12.6 19.0

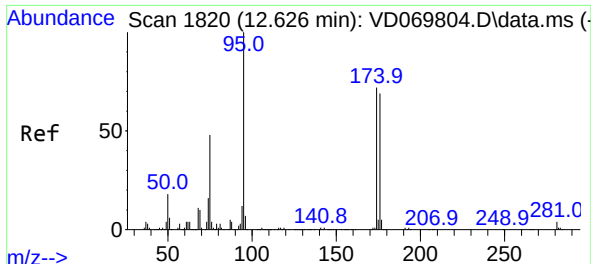


#50

Toluene-d8
Concen: 53.685 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Tgt Ion: 98 Resp: 1580869
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



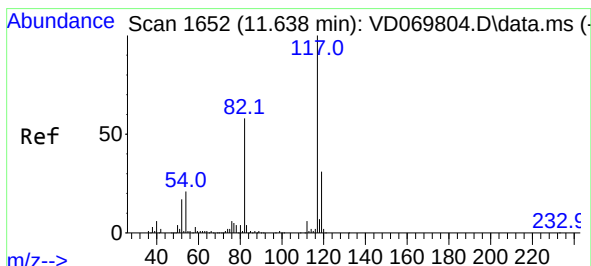
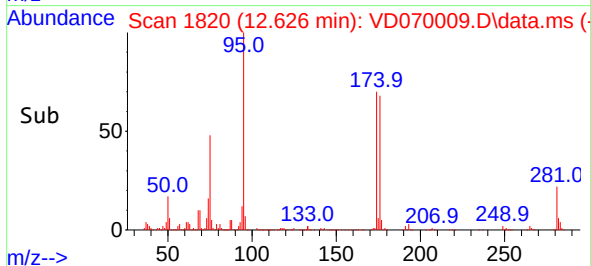
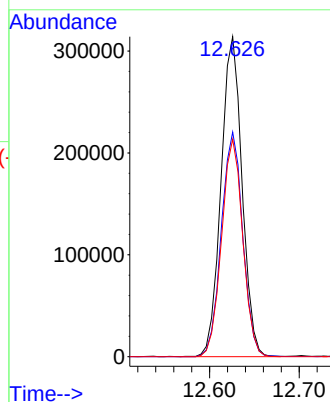
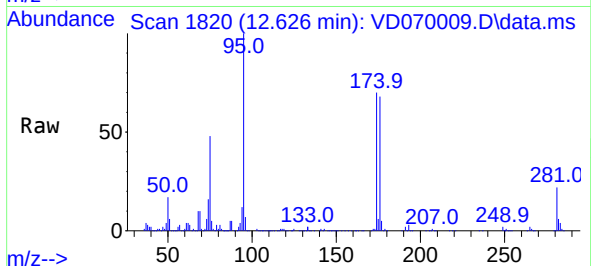


#62
4-Bromofluorobenzene
Concen: 51.907 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Instrument :
MSVOA_D
ClientSampleId :
20210433-19

Tgt Ion: 95 Resp: 510834

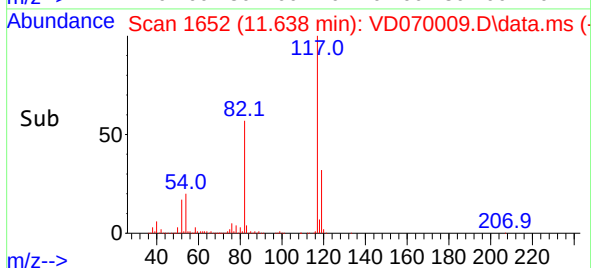
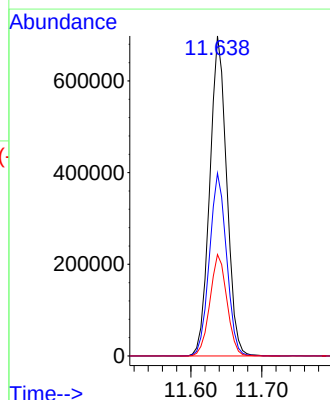
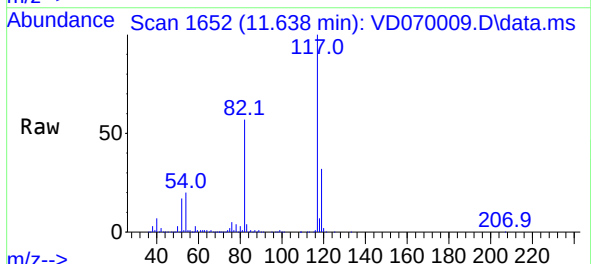
Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	142.6
176	68.3	0.0	134.2

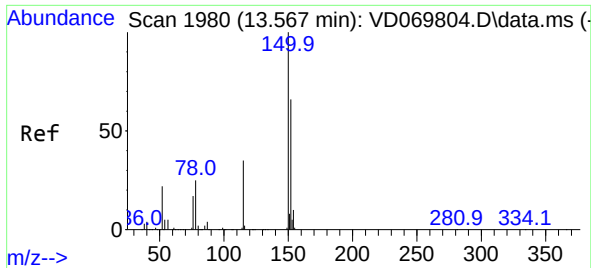


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070009.D
Acq: 09 Aug 2021 21:16

Tgt Ion: 117 Resp: 1156964

Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.3	69.5
119	31.7	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070009.D
 Acq: 09 Aug 2021 21:16

Instrument :
 MSVOA_D
 ClientSampleId :
 20210433-19

Tgt Ion:152 Resp: 489506

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.1	93.3
150	158.9	0.0	343.0

