

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072247.D
 Acq On : 17 Mar 2022 16:11
 Operator : VA/SY
 Sample : N2007-02
 Misc : 6.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP2

Quant Time: Mar 18 04:31:13 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)

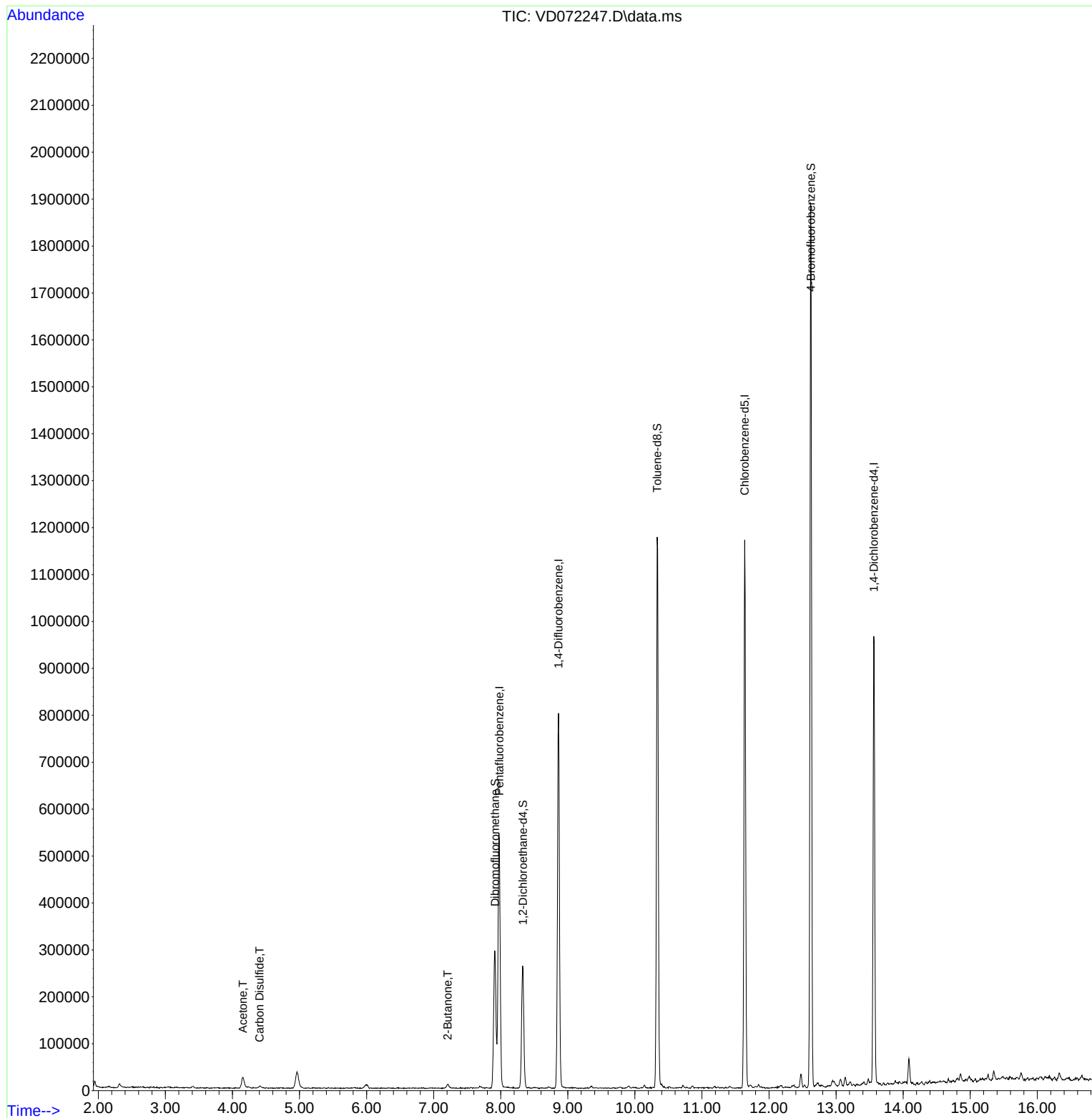
Internal Standards						
1) Pentafluorobenzene	7.979	168	398466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	669013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	217389	48.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.900%
35) Dibromofluoromethane	7.914	113	218147	45.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.600%
50) Toluene-d8	10.332	98	809409	46.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.626	95	312966	46.253	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	42479	44.058	ug/l	95
17) Carbon Disulfide	4.403	76	7763	2.382	ug/l	98
25) 2-Butanone	7.209	43	11739	9.132	ug/l	91

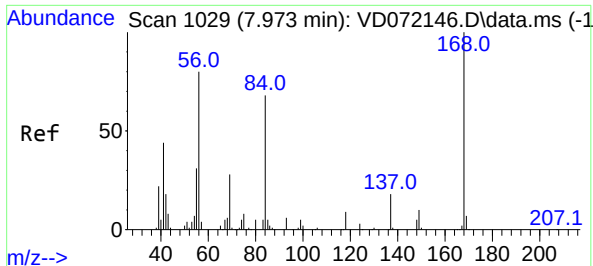
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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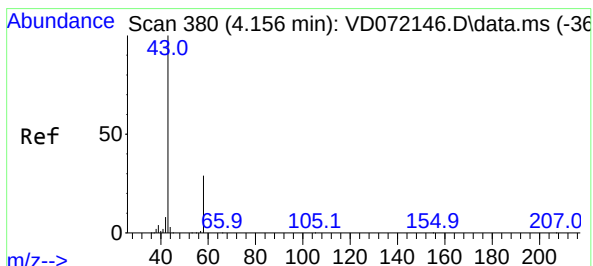
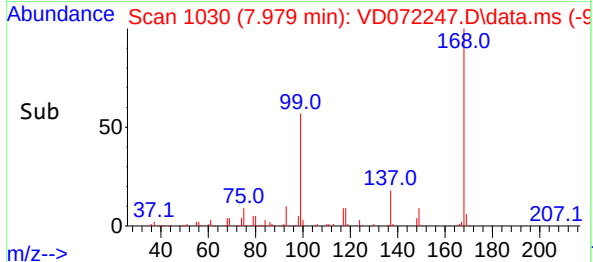
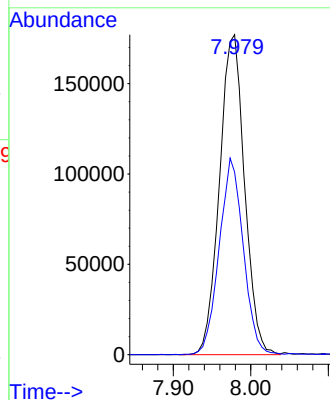
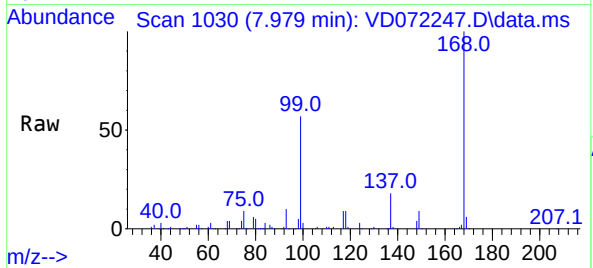




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

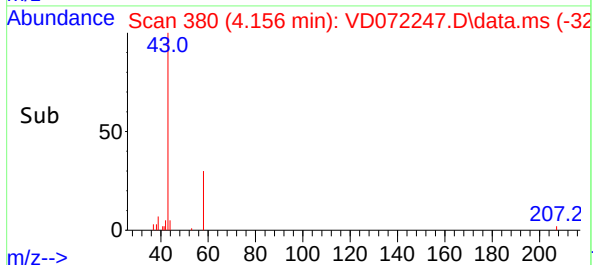
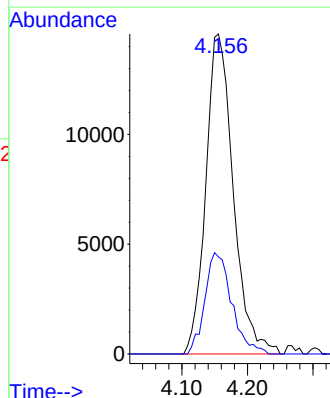
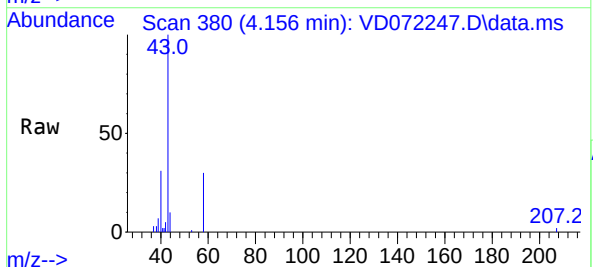
Instrument :
MSVOA_D
ClientSampleId :
SP2

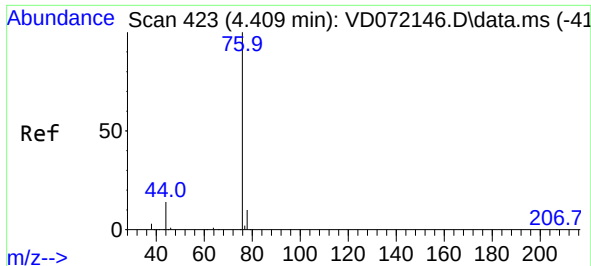
Tgt Ion:168 Resp: 398466
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#16
Acetone
Concen: 44.058 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

Tgt Ion: 43 Resp: 42479
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1

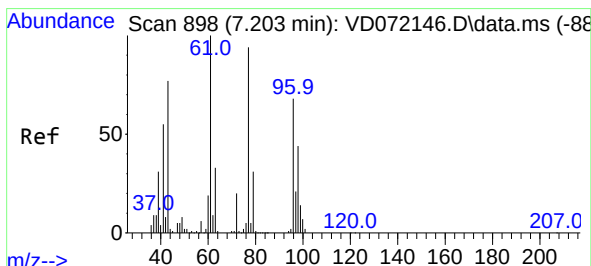
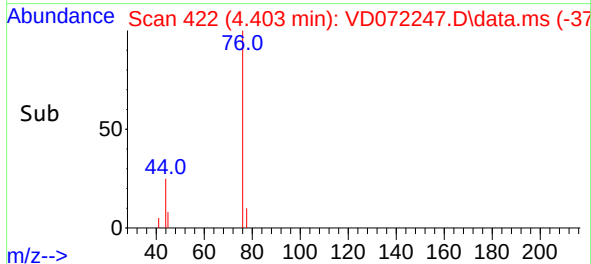
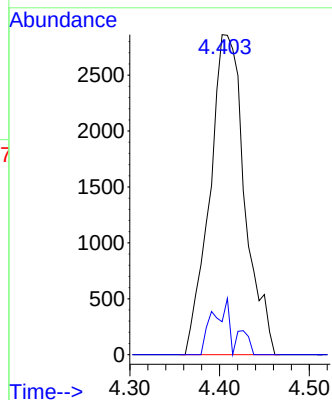
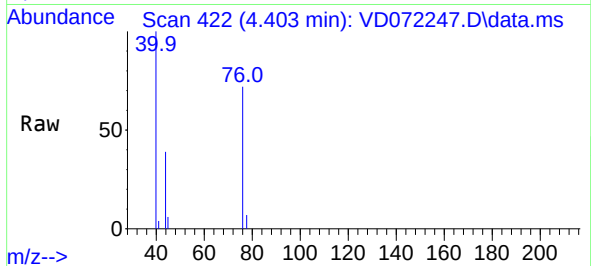




#17
Carbon Disulfide
Concen: 2.382 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

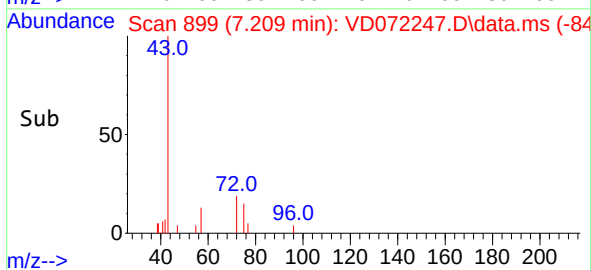
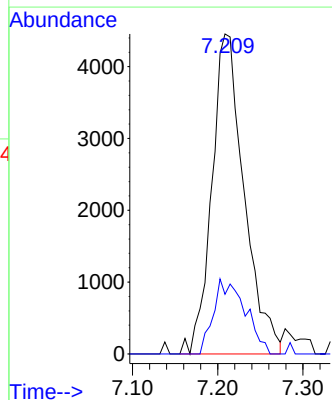
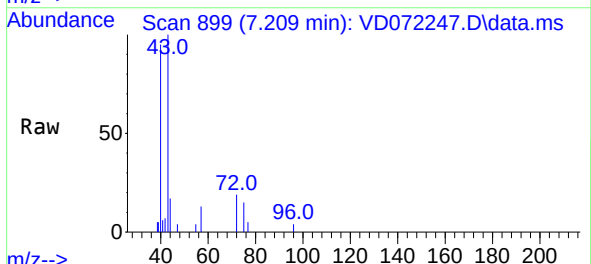
Instrument :
MSVOA_D
ClientSampleId :
SP2

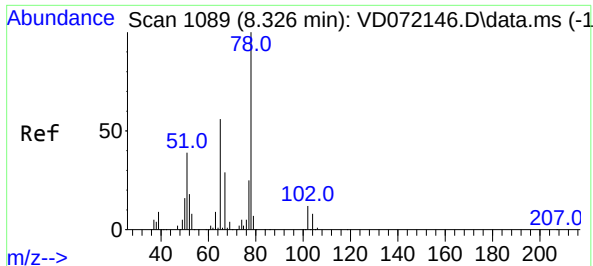
Tgt Ion: 76 Resp: 7763
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#25
2-Butanone
Concen: 9.132 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

Tgt Ion: 43 Resp: 11739
Ion Ratio Lower Upper
43 100
72 18.7 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072247.D

Acq: 17 Mar 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

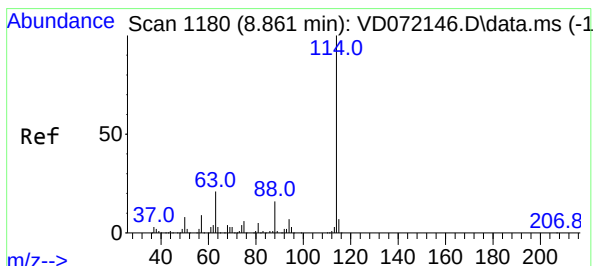
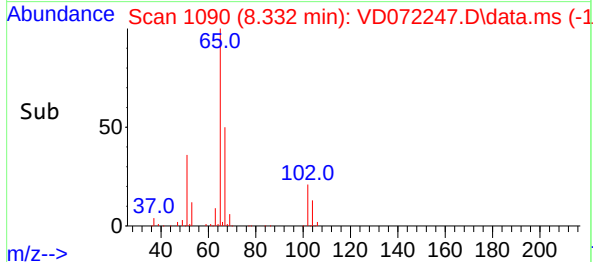
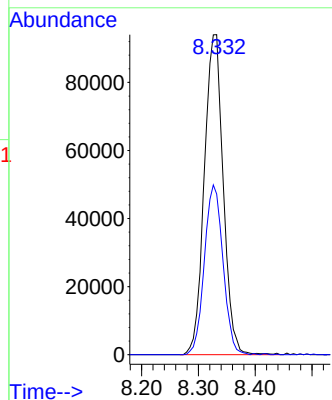
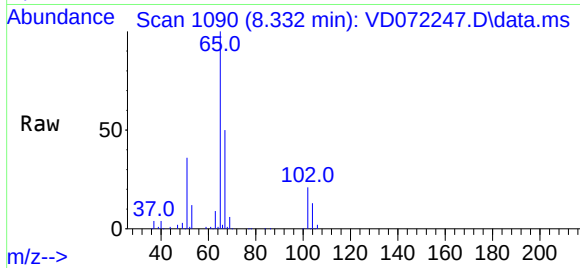
SP2

Tgt Ion: 65 Resp: 217389

Ion Ratio Lower Upper

65 100

67 52.0 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: VD072247.D

Acq: 17 Mar 2022 16:11

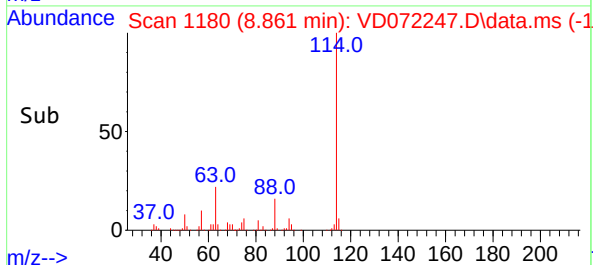
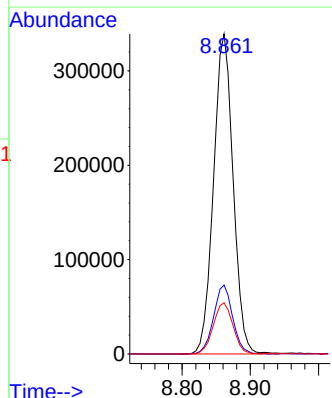
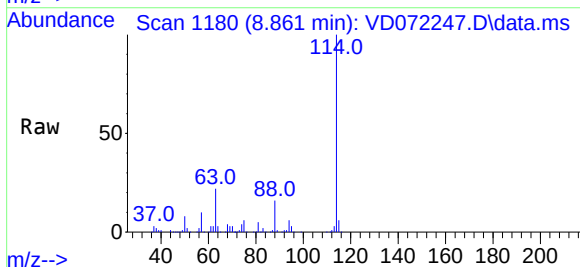
Tgt Ion: 114 Resp: 676782

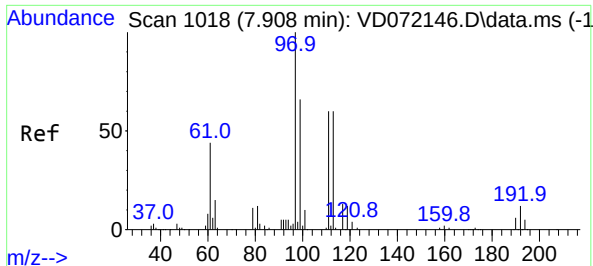
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 16.0 0.0 33.2

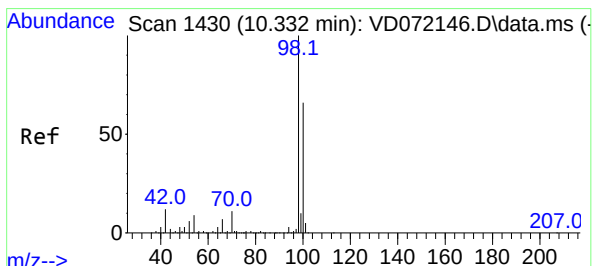
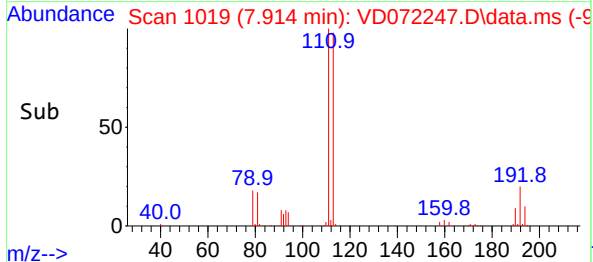
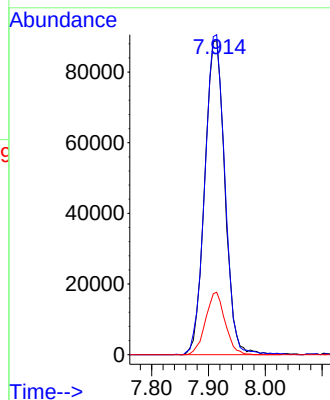
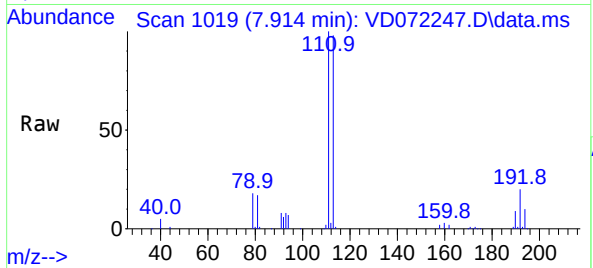




#35
Dibromofluoromethane
Concen: 45.804 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

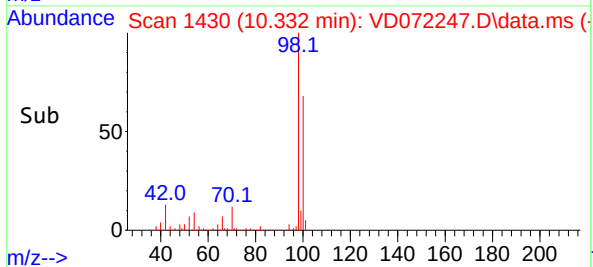
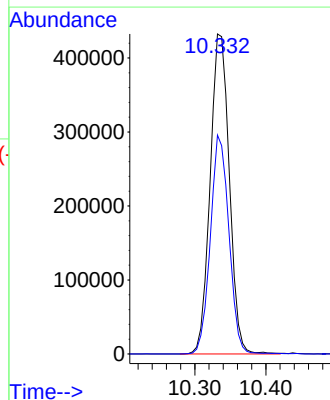
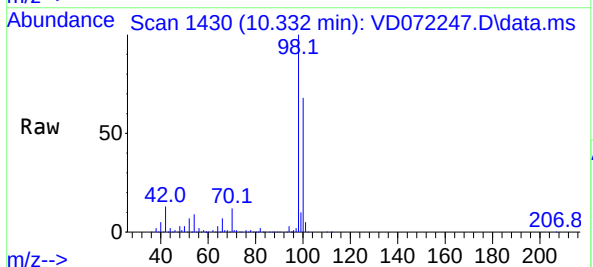
Instrument :
MSVOA_D
ClientSampleId :
SP2

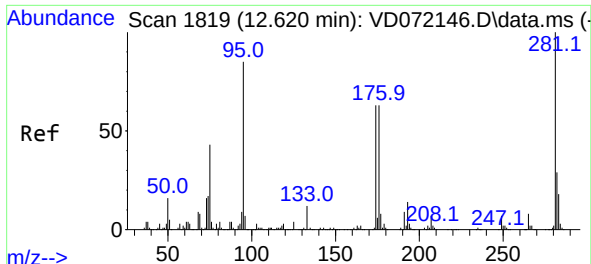
Tgt Ion:113 Resp: 218147
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 19.3 14.6 21.8



#50
Toluene-d8
Concen: 46.479 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

Tgt Ion: 98 Resp: 809409
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

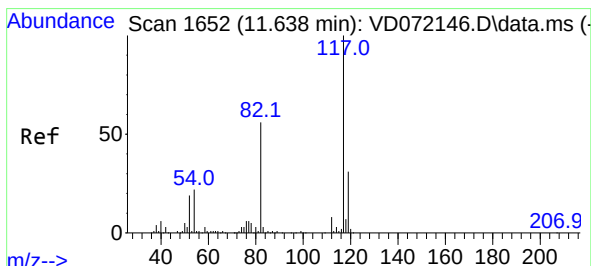
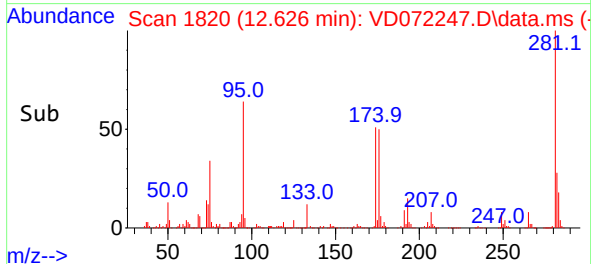
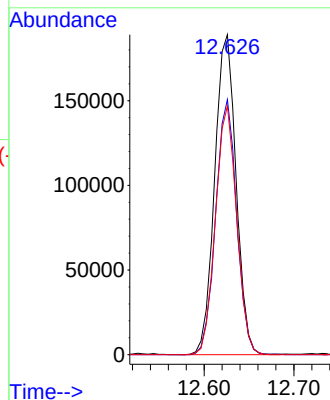
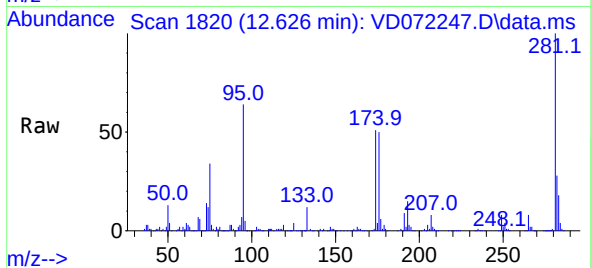




#62
4-Bromofluorobenzene
Concen: 46.253 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

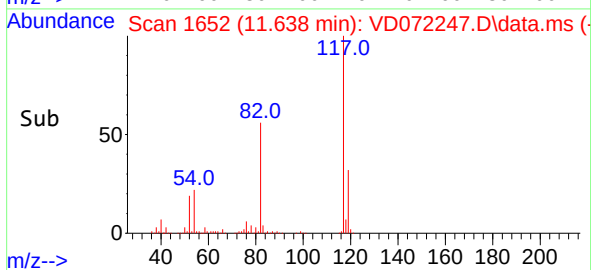
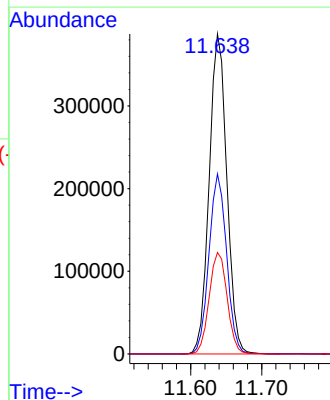
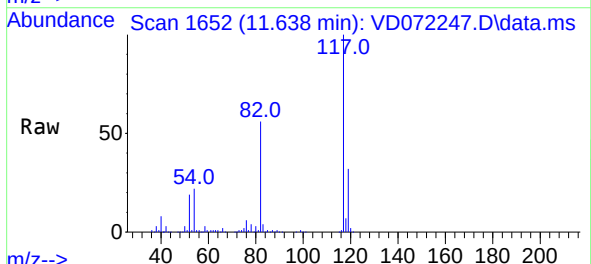
Instrument :
MSVOA_D
ClientSampleId :
SP2

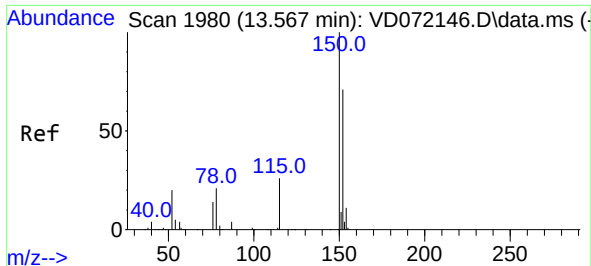
Tgt Ion: 95 Resp: 312966
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 76.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

Tgt Ion: 117 Resp: 669013
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 31.7 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072247.D
Acq: 17 Mar 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
SP2

Tgt Ion:152 Resp: 258790
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 153.6 0.0 348.6

