

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072246.D
 Acq On : 17 Mar 2022 15:42
 Operator : VA/SY
 Sample : N2007-01
 Misc : 5.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1

Quant Time: Mar 18 04:31:01 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)

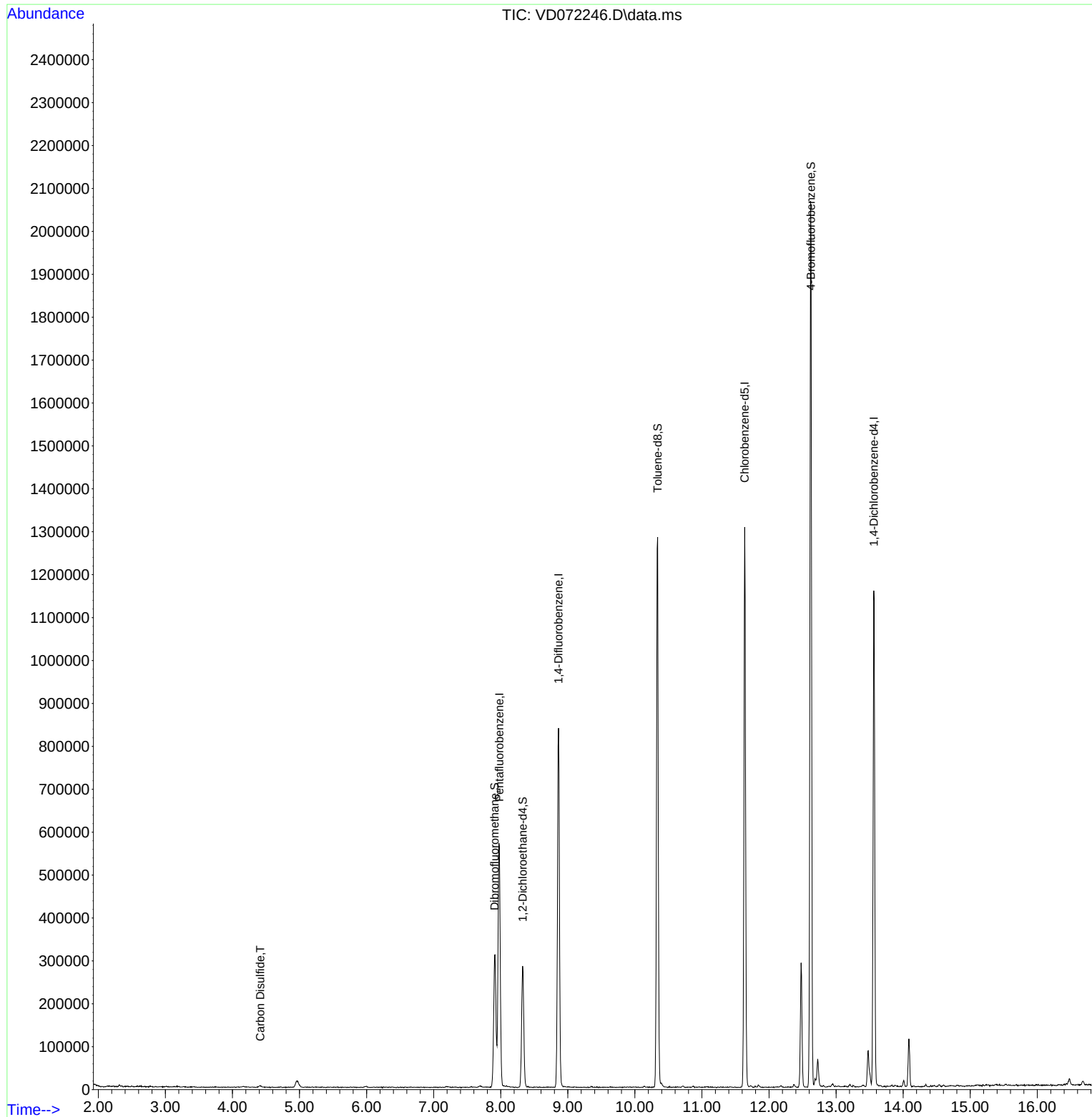
Internal Standards						
1) Pentafluorobenzene	7.979	168	424037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	712766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	726241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	314566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	225109	47.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.909	113	227803	45.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.840%
50) Toluene-d8	10.338	98	869789	47.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.626	95	363851	51.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.120%
Target Compounds						
17) Carbon Disulfide	4.415	76	7403	2.291	ug/l	Qvalue # 79

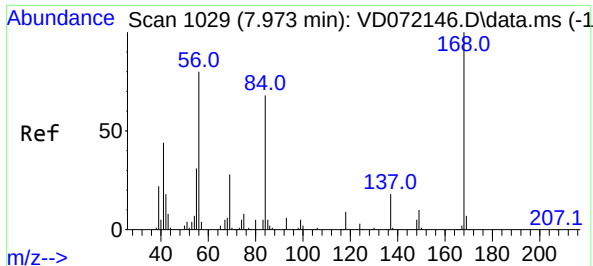
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

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MSVOA_D

ClientSampleId :

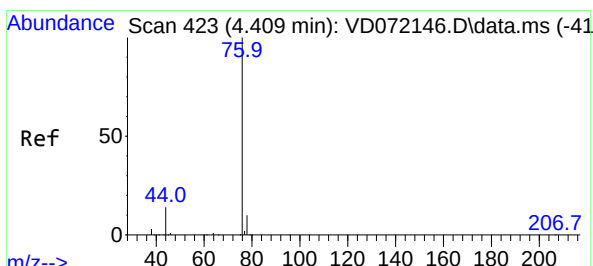
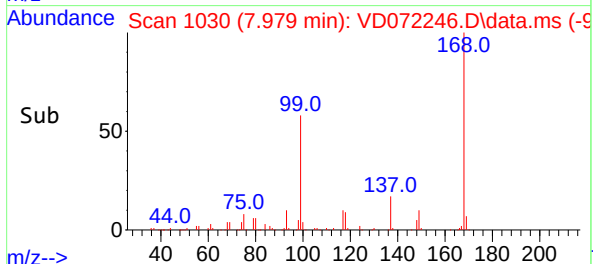
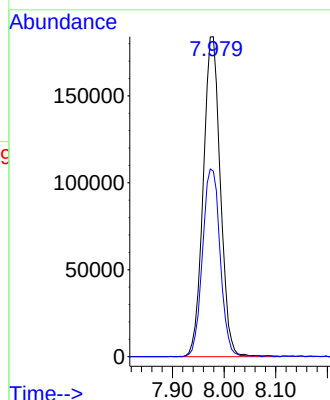
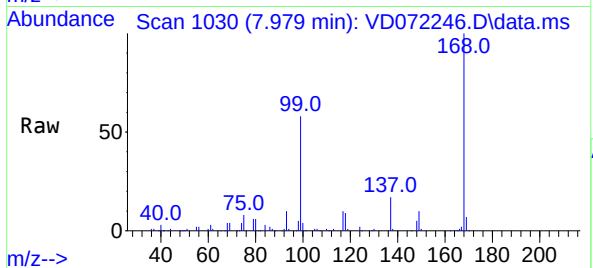
SP1

Tgt Ion:168 Resp: 424037

Ion Ratio Lower Upper

168 100

99 58.0 49.8 74.6



Carbon Disulfide

Concen: 2.291 ug/l

RT: 4.415 min Scan# 424

Delta R.T. 0.006 min

Lab File: VD072246.D

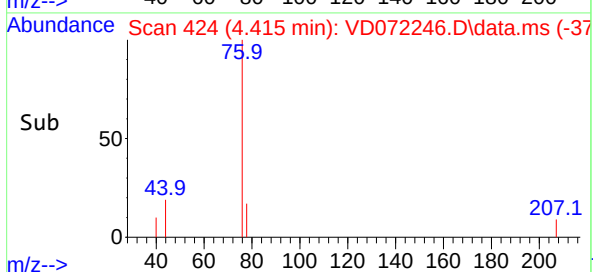
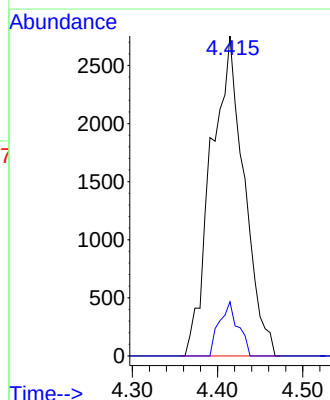
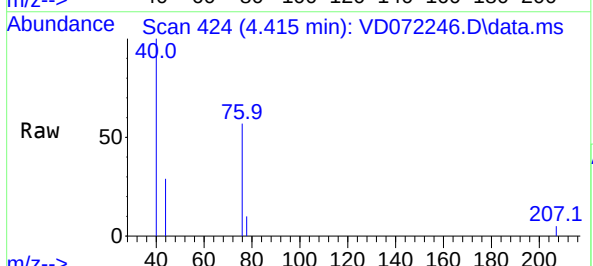
Acq: 17 Mar 2022 15:42

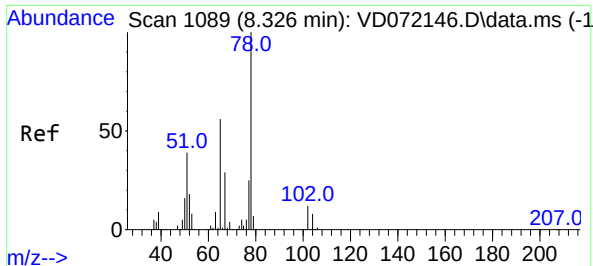
Tgt Ion: 76 Resp: 7403

Ion Ratio Lower Upper

76 100

78 17.0 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 47.636 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072246.D

Acq: 17 Mar 2022 15:42

Instrument :

MSVOA_D

ClientSampleId :

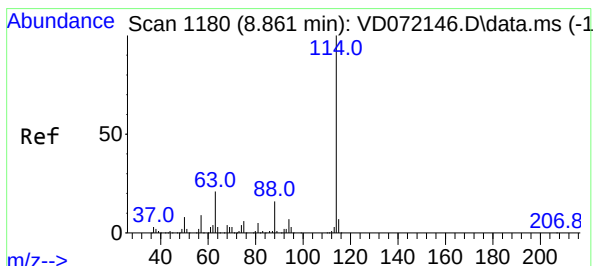
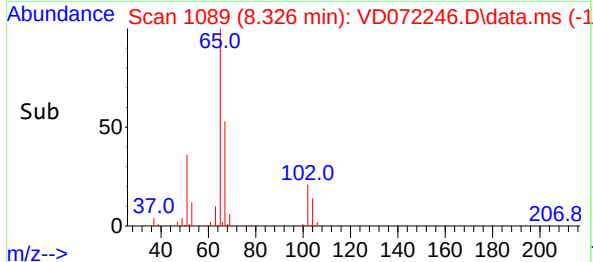
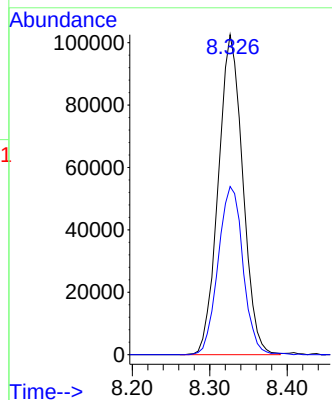
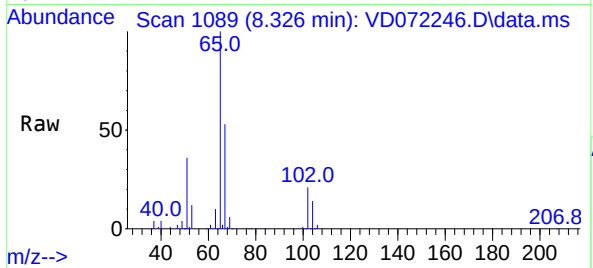
SP1

Tgt Ion: 65 Resp: 225109

Ion Ratio Lower Upper

65 100

67 53.6 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: VD072246.D

Acq: 17 Mar 2022 15:42

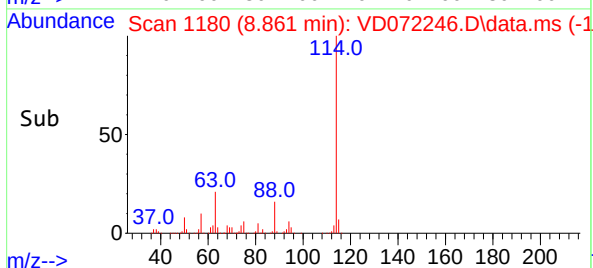
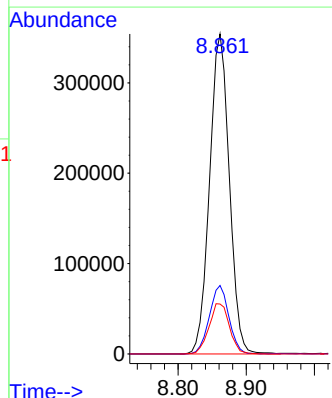
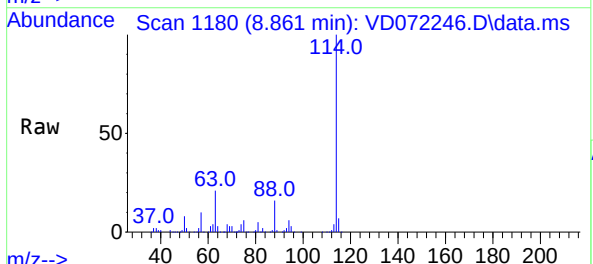
Tgt Ion: 114 Resp: 712766

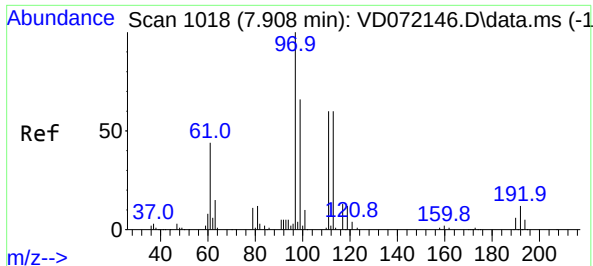
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.6 0.0 33.2

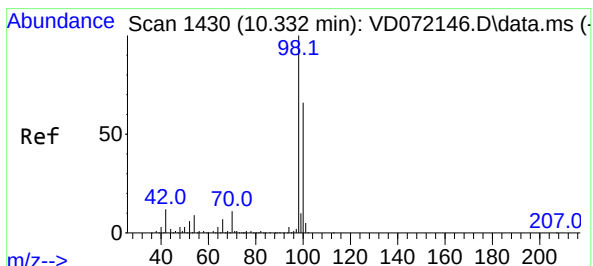
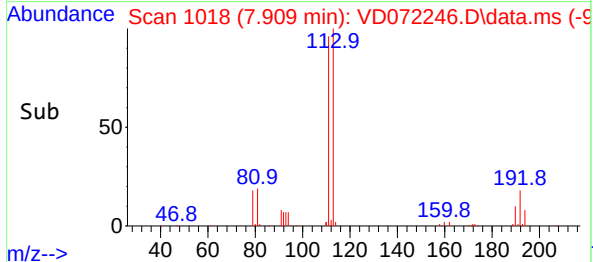
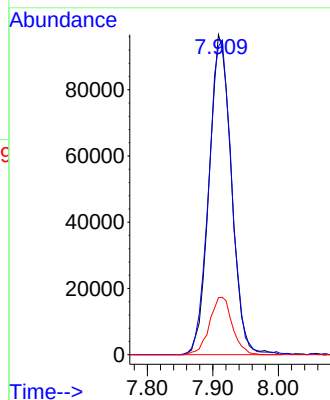
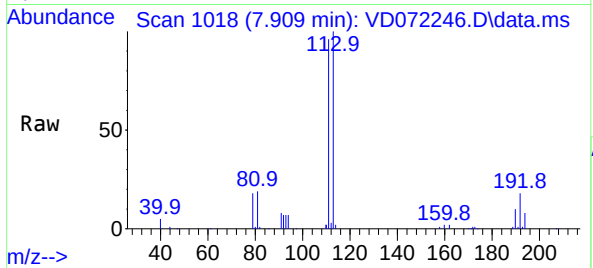




#35
Dibromofluoromethane
Concen: 45.417 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072246.D
Acq: 17 Mar 2022 15:42

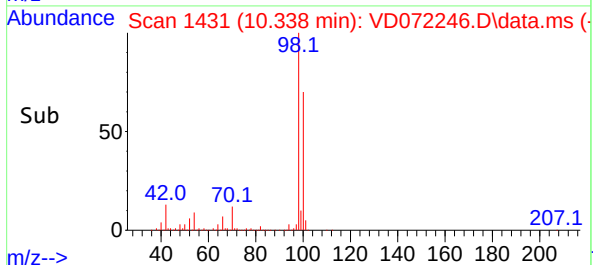
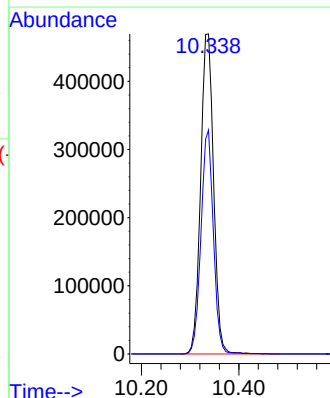
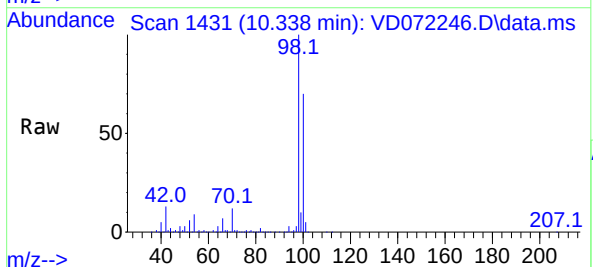
Instrument :
MSVOA_D
ClientSampleId :
SP1

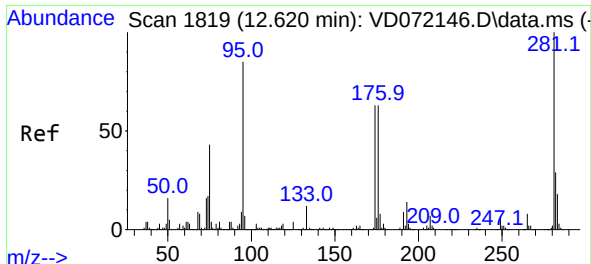
Tgt Ion:113 Resp: 227803
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.3 14.6 21.8



#50
Toluene-d8
Concen: 47.425 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072246.D
Acq: 17 Mar 2022 15:42

Tgt Ion: 98 Resp: 869789
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

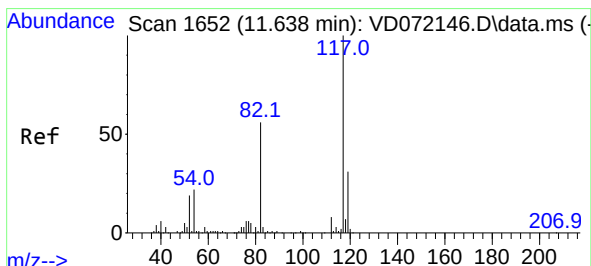
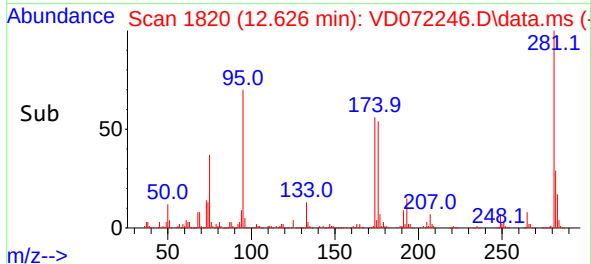
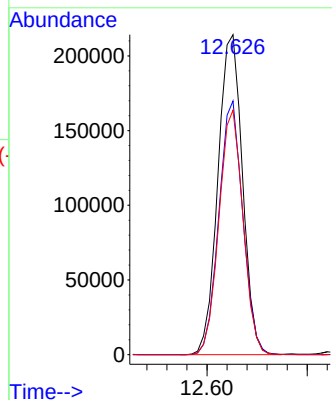
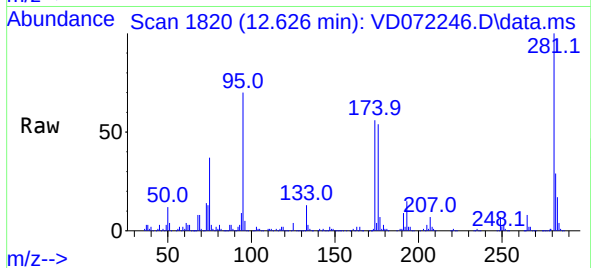




#62
4-Bromofluorobenzene
Concen: 51.058 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072246.D
Acq: 17 Mar 2022 15:42

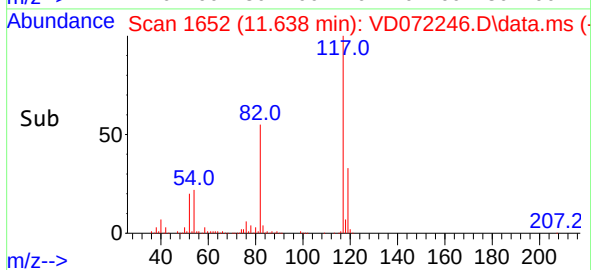
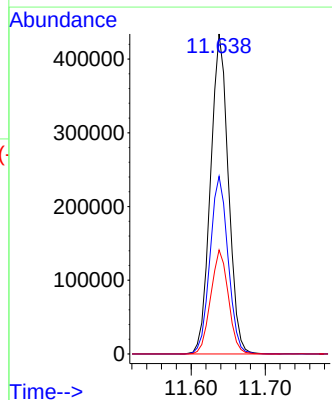
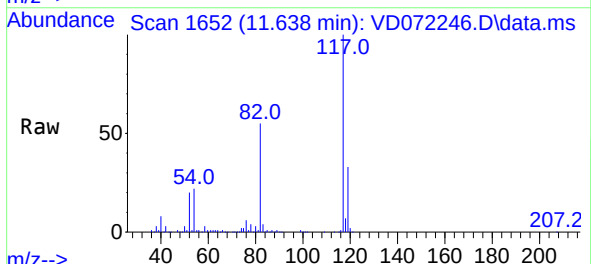
Instrument :
MSVOA_D
ClientSampleId :
SP1

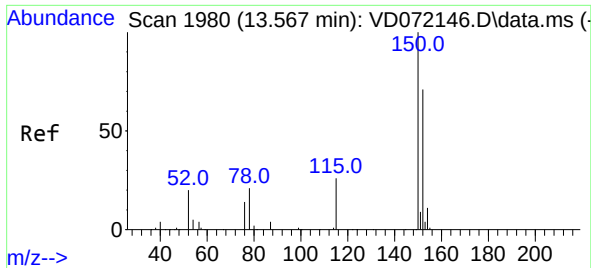
Tgt Ion: 95 Resp: 363851
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072246.D
Acq: 17 Mar 2022 15:42

Tgt Ion: 117 Resp: 726241
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.5 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: VD072246.D
 Acq: 17 Mar 2022 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 SP1

Tgt Ion:152 Resp: 314566
 Ion Ratio Lower Upper
 152 100
 115 59.1 31.3 93.8
 150 155.1 0.0 348.6

