

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070847.D
 Acq On : 26 Oct 2021 18:28
 Operator : VA/SY
 Sample : M4348-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-229

Quant Time: Oct 27 06:23:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	401831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	712754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	323312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	224902	55.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.300%
35) Dibromofluoromethane	7.909	113	249129	51.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.332	98	951458	51.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.620	95	297094	49.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.260%

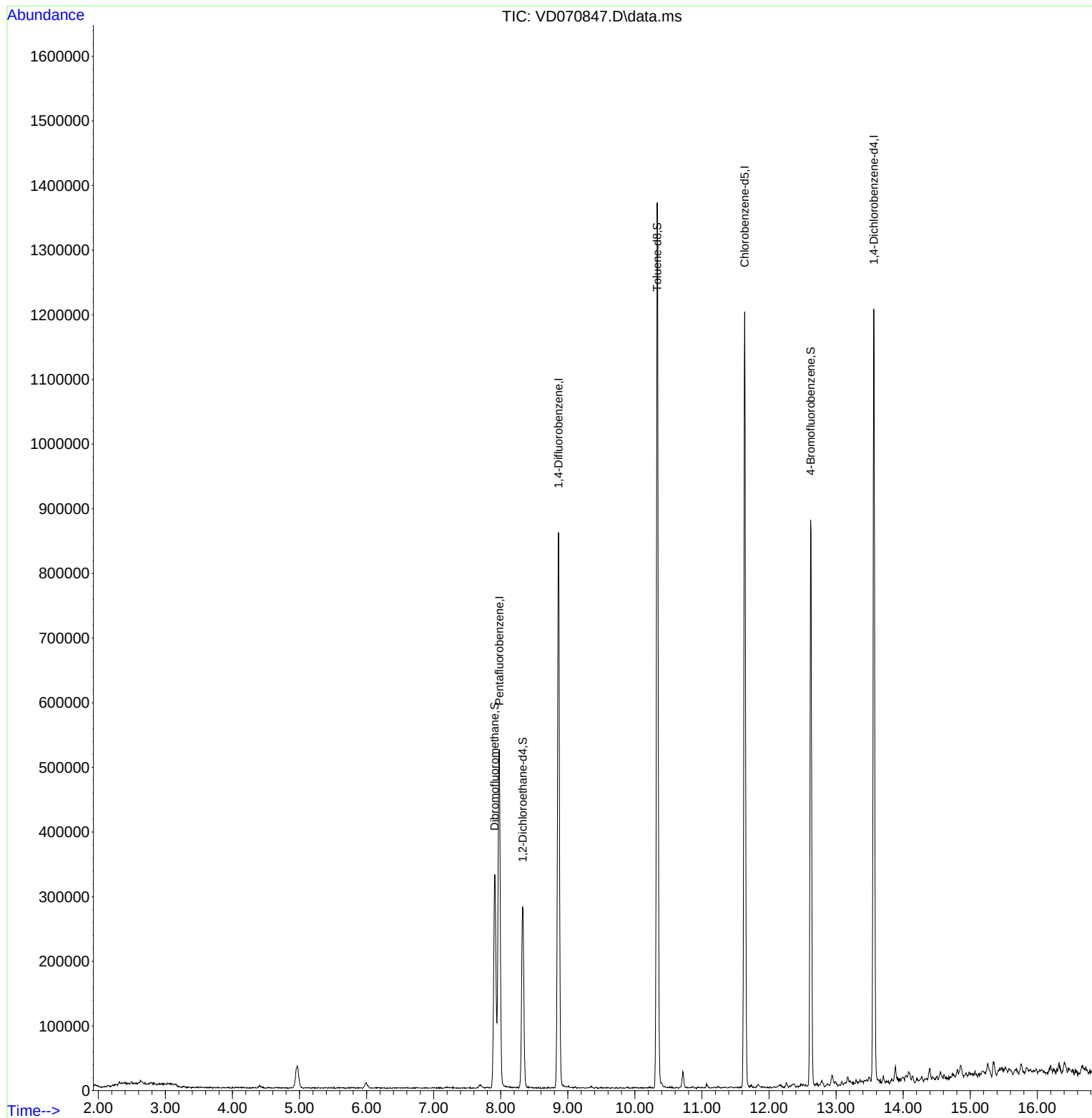
Target Compounds	Qvalue

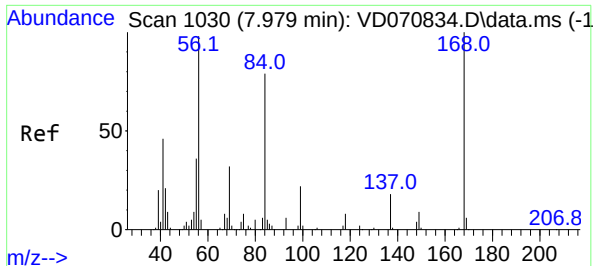
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
Data File : VD070847.D
Acq On : 26 Oct 2021 18:28
Operator : VA/SY
Sample : M4348-05
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Quant Time: Oct 27 06:23:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

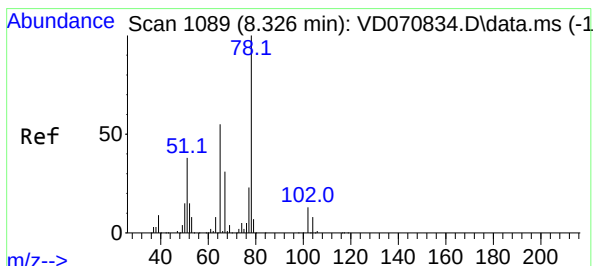
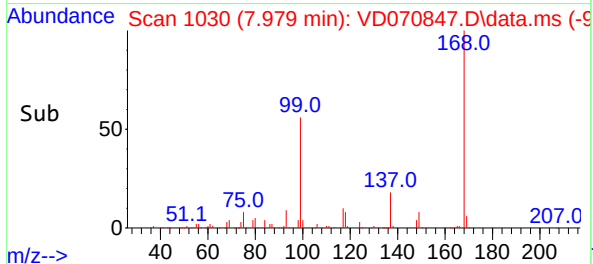
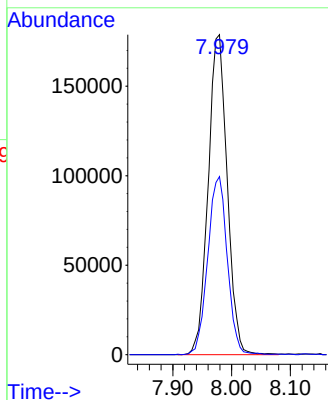
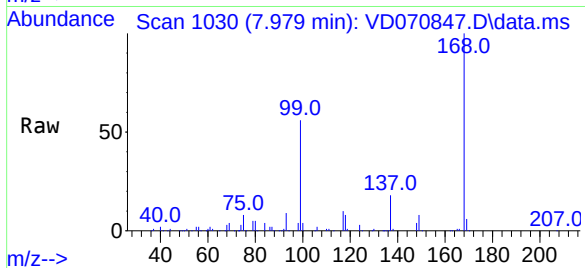




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

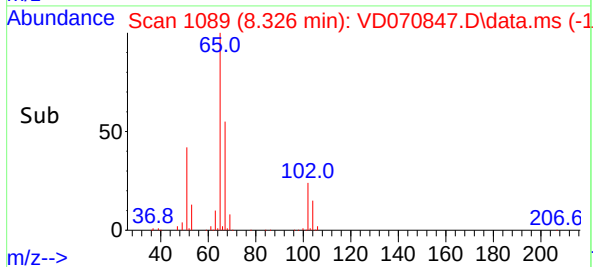
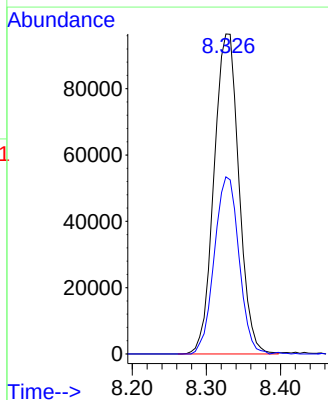
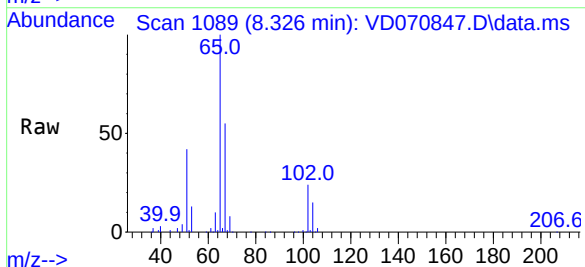
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

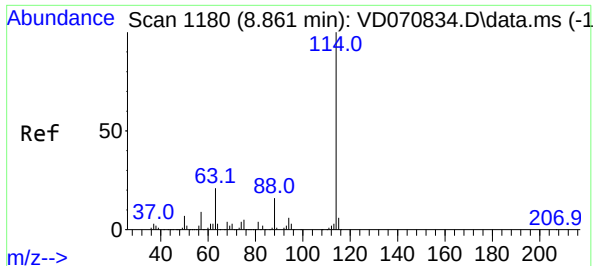
Tgt Ion:168 Resp: 401831
Ion Ratio Lower Upper
168 100
99 55.5 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.649 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 65 Resp: 224902
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-229

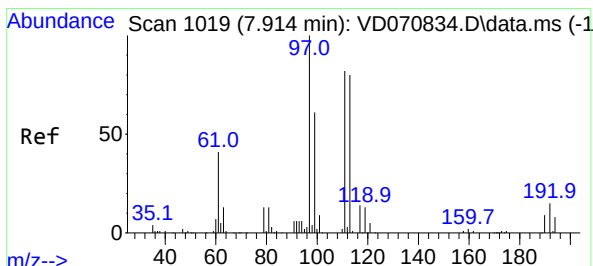
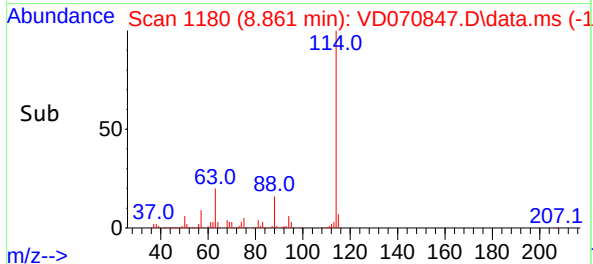
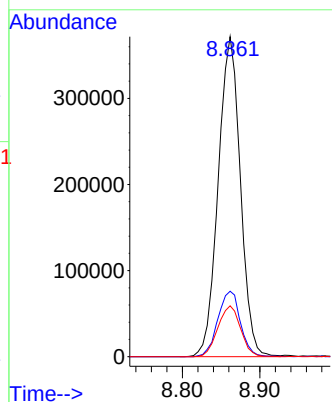
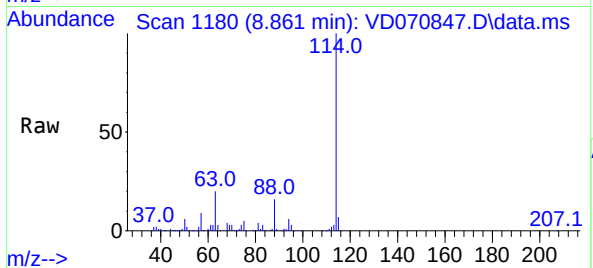
Tgt Ion:114 Resp: 738824

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.141 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070847.D

Acq: 26 Oct 2021 18:28

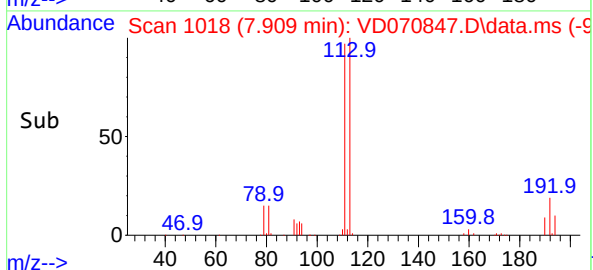
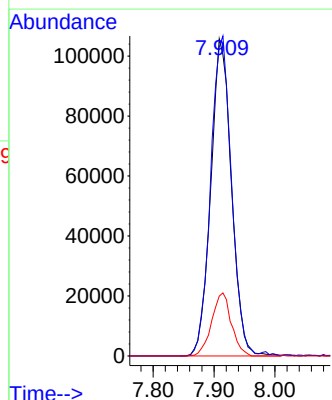
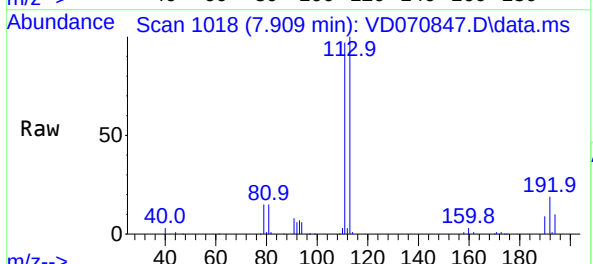
Tgt Ion:113 Resp: 249129

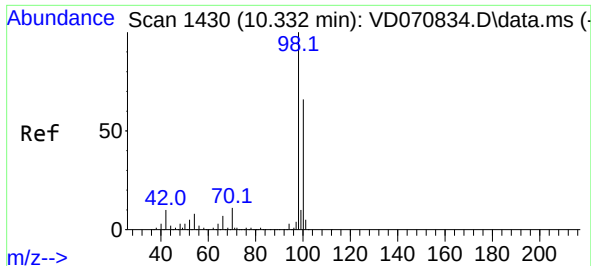
Ion Ratio Lower Upper

113 100

111 101.7 82.0 123.0

192 18.9 15.2 22.8

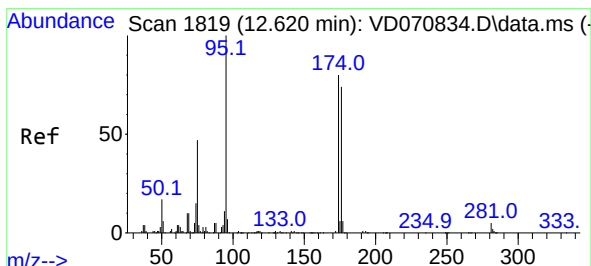
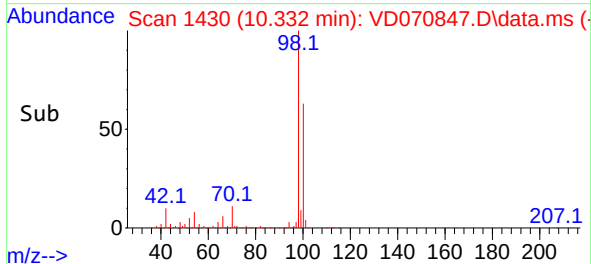
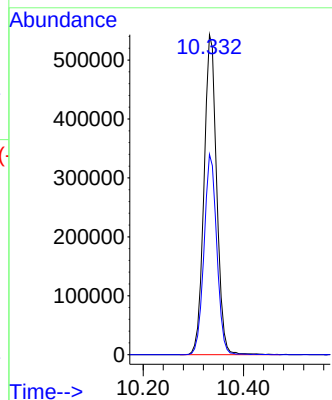
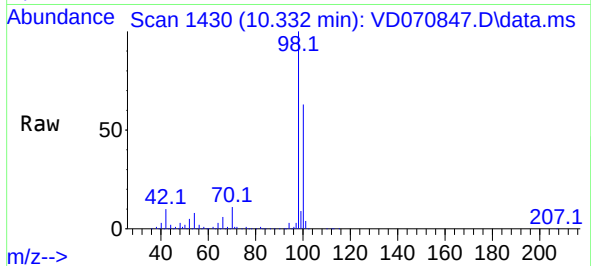




#50
Toluene-d8
Concen: 51.915 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

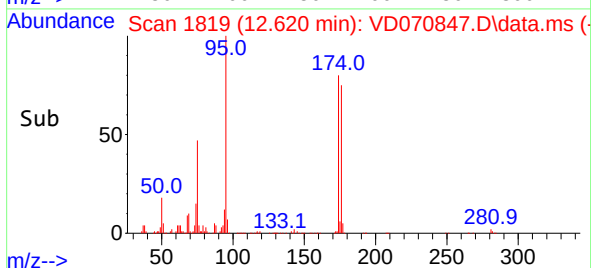
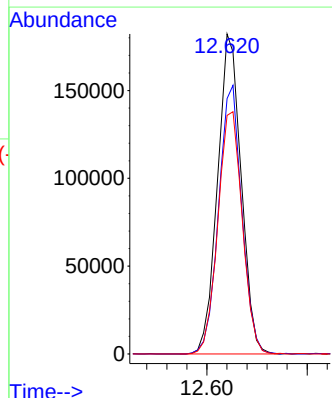
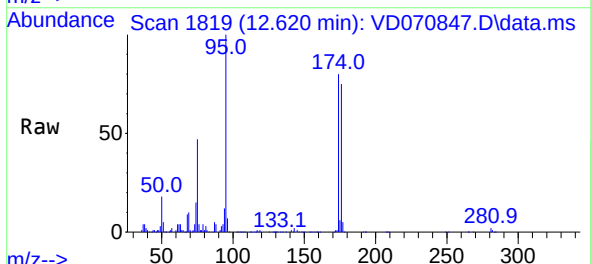
Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

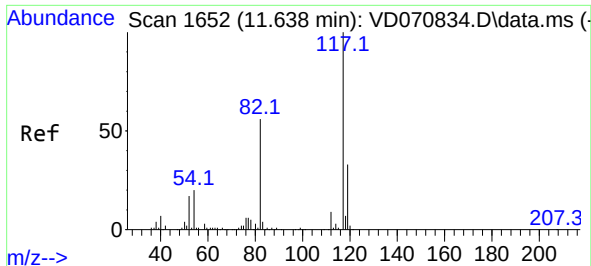
Tgt Ion: 98 Resp: 951458
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.131 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion: 95 Resp: 297094
Ion Ratio Lower Upper
95 100
174 82.6 0.0 159.4
176 78.3 0.0 154.0

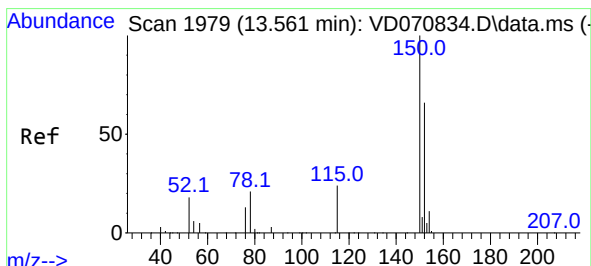
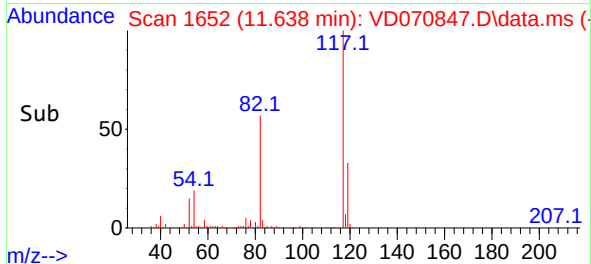
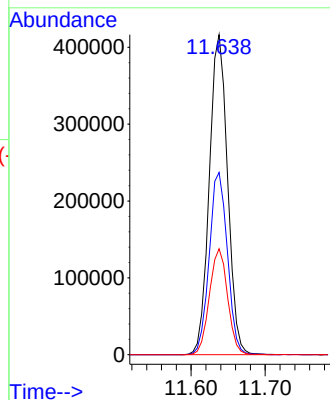
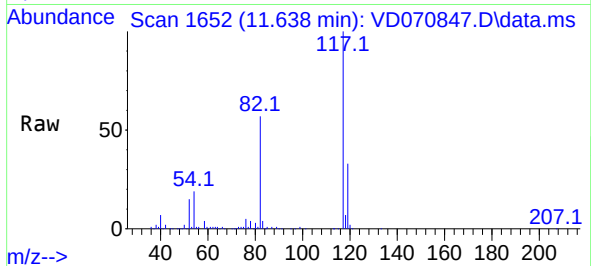




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-229

Tgt Ion:117 Resp: 712754
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 33.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070847.D
Acq: 26 Oct 2021 18:28

Tgt Ion:152 Resp: 323312
Ion Ratio Lower Upper
152 100
115 58.3 29.8 89.3
150 160.1 0.0 349.2

