

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074332.D
 Acq On : 16 Sep 2022 16:19
 Operator : VA/SY
 Sample : VD0916SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0916SBL01

Quant Time: Sep 17 04:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	101592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	172536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	153634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	52582	53.139	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.280%
35) Dibromofluoromethane	7.804	113	52982	46.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.260%
50) Toluene-d8	10.269	98	217596	55.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.000%
62) 4-Bromofluorobenzene	12.569	95	62120	46.329	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%

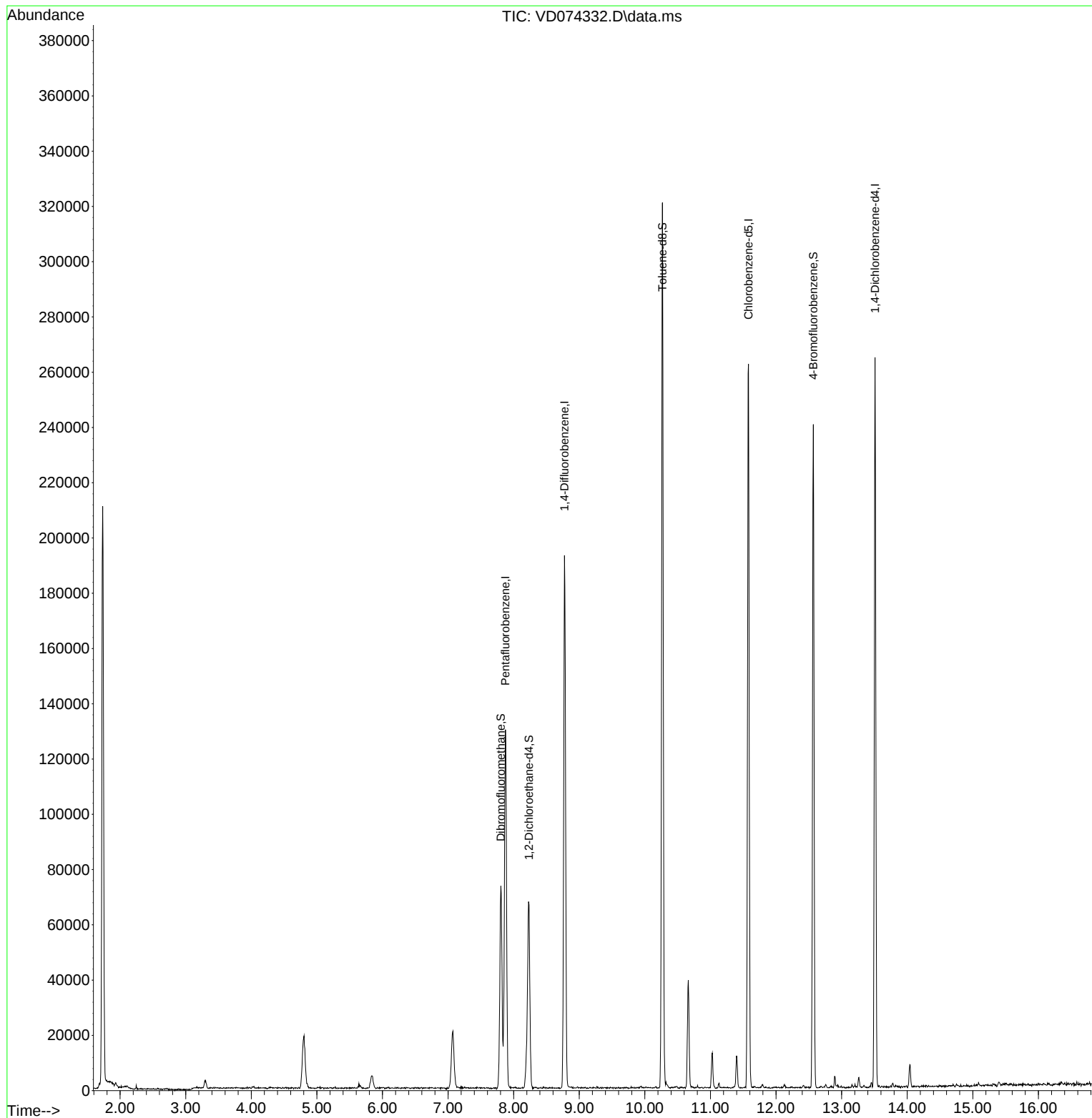
Target Compounds	Qvalue

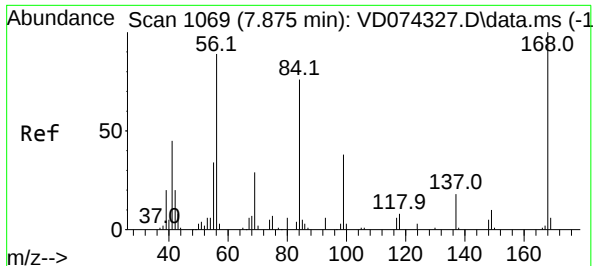
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
Data File : VD074332.D
Acq On : 16 Sep 2022 16:19
Operator : VA/SY
Sample : VD0916SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

Quant Time: Sep 17 04:23:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration

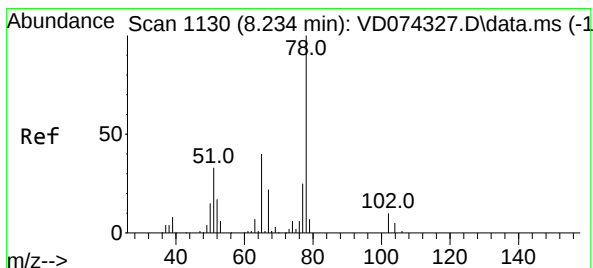
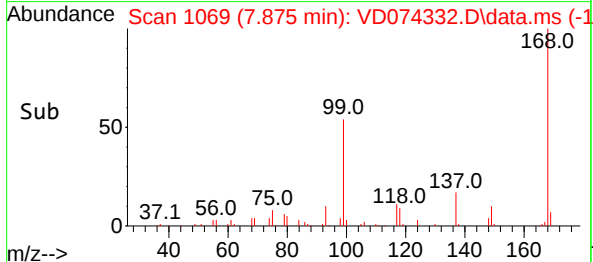
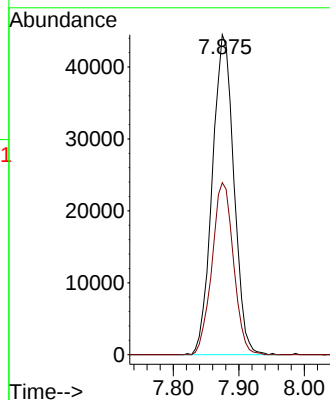
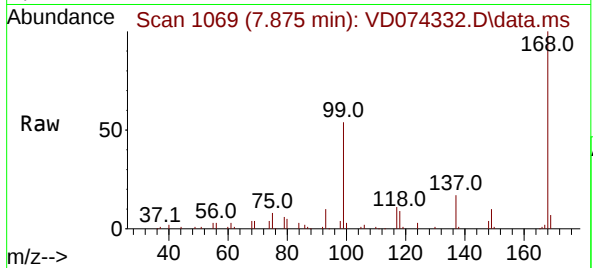




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

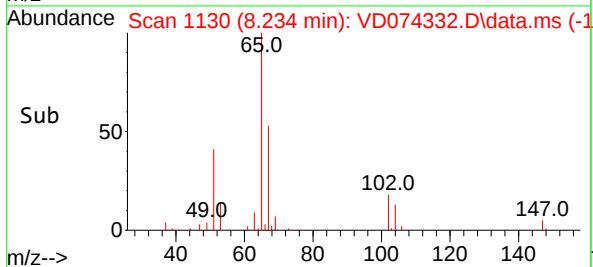
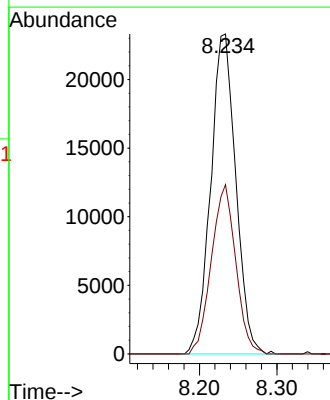
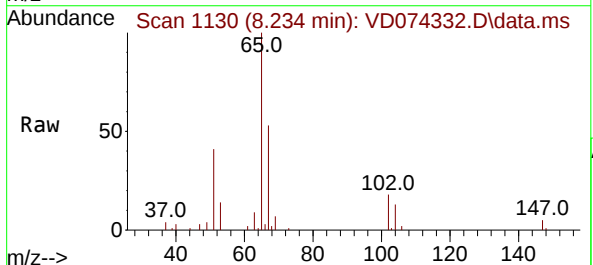
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

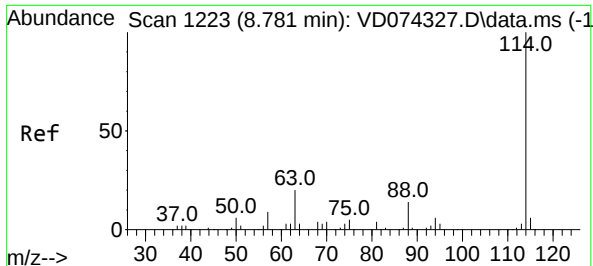
Tgt Ion:168 Resp: 101592
Ion Ratio Lower Upper
168 100
99 53.7 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 53.139 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

Tgt Ion: 65 Resp: 52582
Ion Ratio Lower Upper
65 100
67 51.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074332.D

Acq: 16 Sep 2022 16:19

Instrument :

MSVOA_D

ClientSampleId :

VD0916SBL01

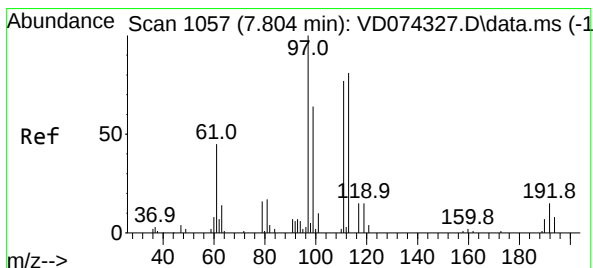
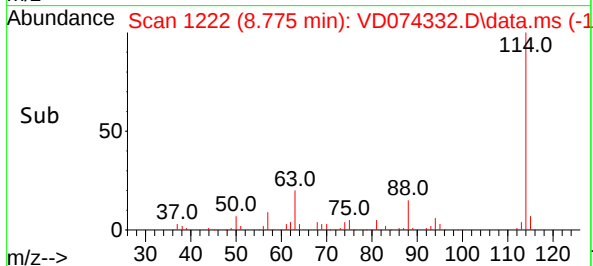
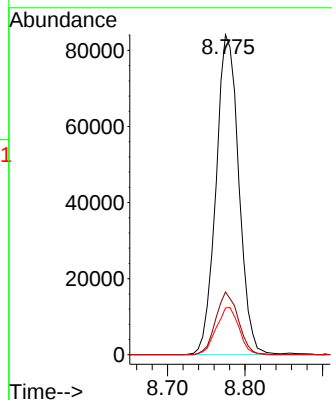
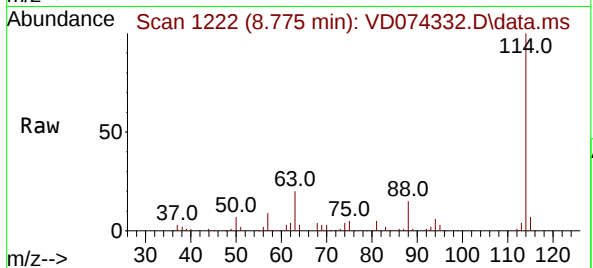
Tgt Ion:114 Resp: 172536

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.6 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.625 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074332.D

Acq: 16 Sep 2022 16:19

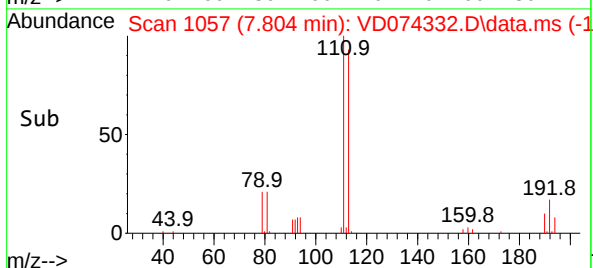
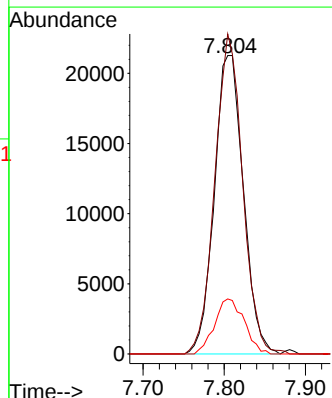
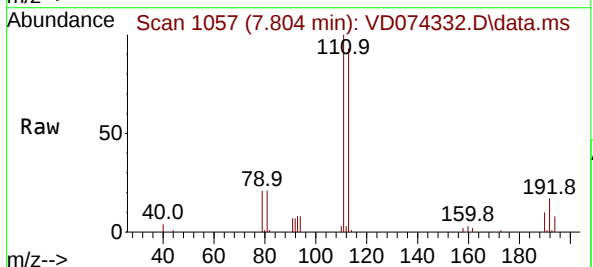
Tgt Ion:113 Resp: 52982

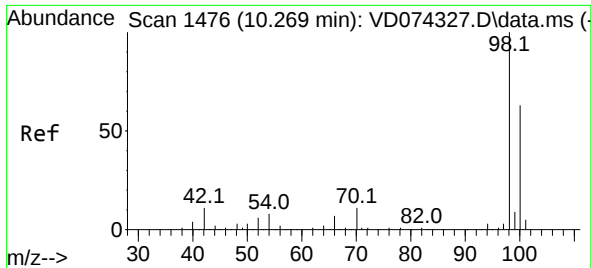
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 18.8 16.2 24.2

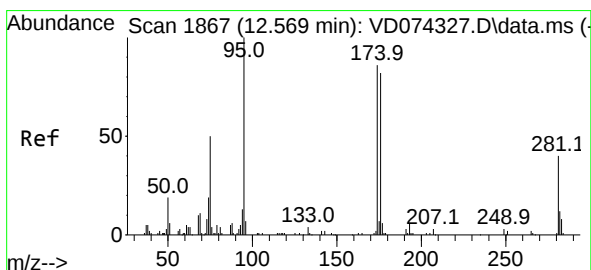
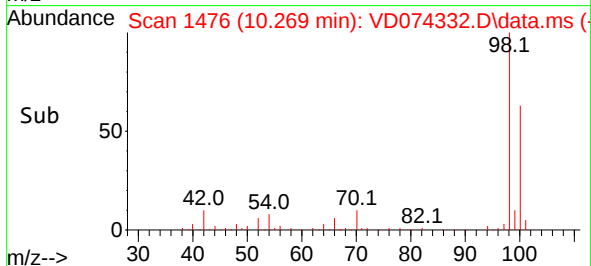
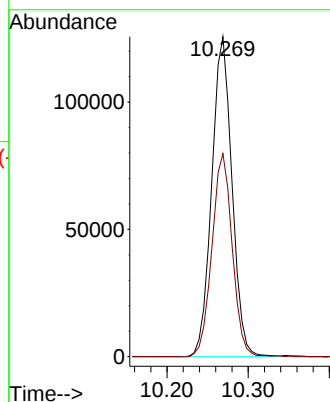
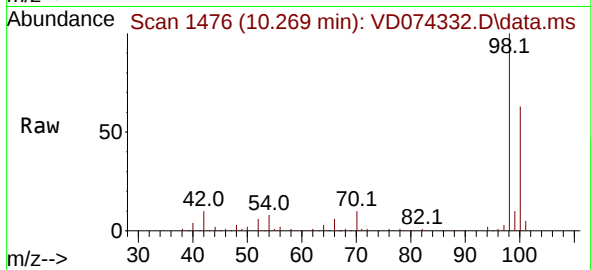




#50
Toluene-d8
Concen: 55.496 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

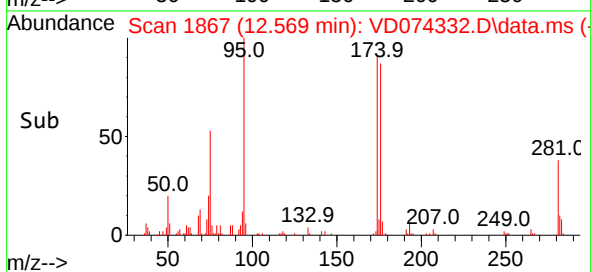
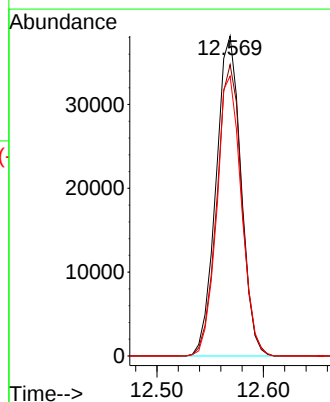
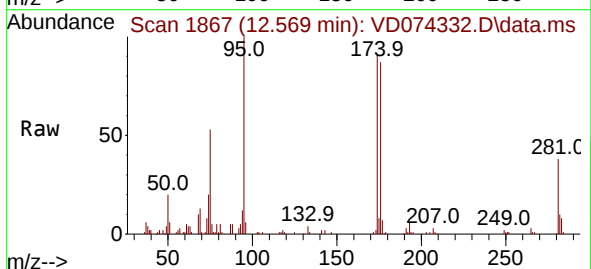
Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

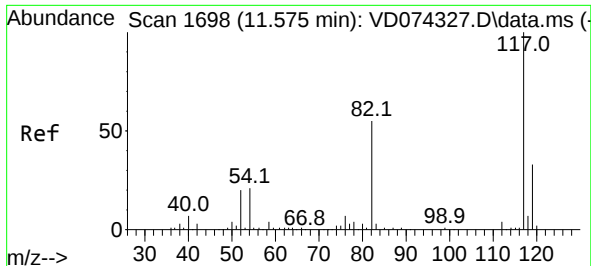
Tgt Ion: 98 Resp: 217596
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 46.329 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

Tgt Ion: 95 Resp: 62120
Ion Ratio Lower Upper
95 100
174 90.3 0.0 179.2
176 86.2 0.0 171.4

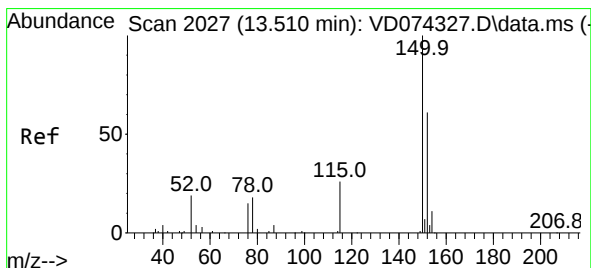
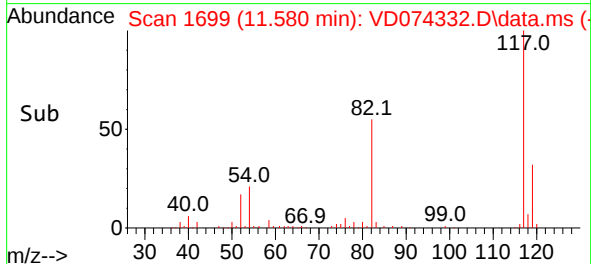
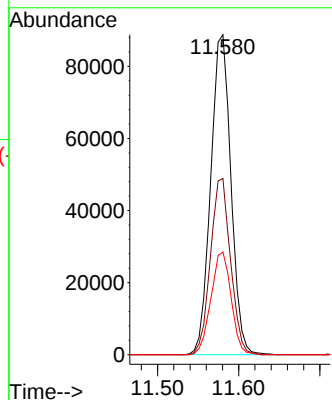
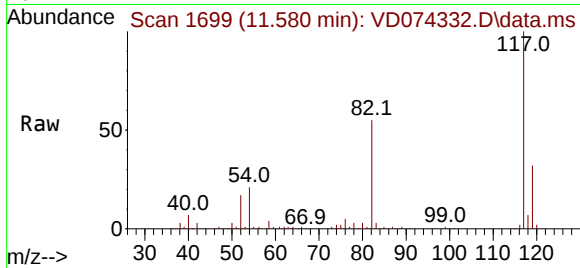




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

Instrument :
MSVOA_D
ClientSampleId :
VD0916SBL01

Tgt Ion:117 Resp: 153634
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074332.D
Acq: 16 Sep 2022 16:19

Tgt Ion:152 Resp: 69380
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 158.4 0.0 351.0

