

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072927.D
 Acq On : 11 May 2022 13:27
 Operator : VA/SY
 Sample : N2777-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-PARK-1-A

Quant Time: May 11 14:18:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	344367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206944	46.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.580%
35) Dibromofluoromethane	7.914	113	212089	48.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.332	98	758638	48.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.620	95	264875	45.167	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.340%

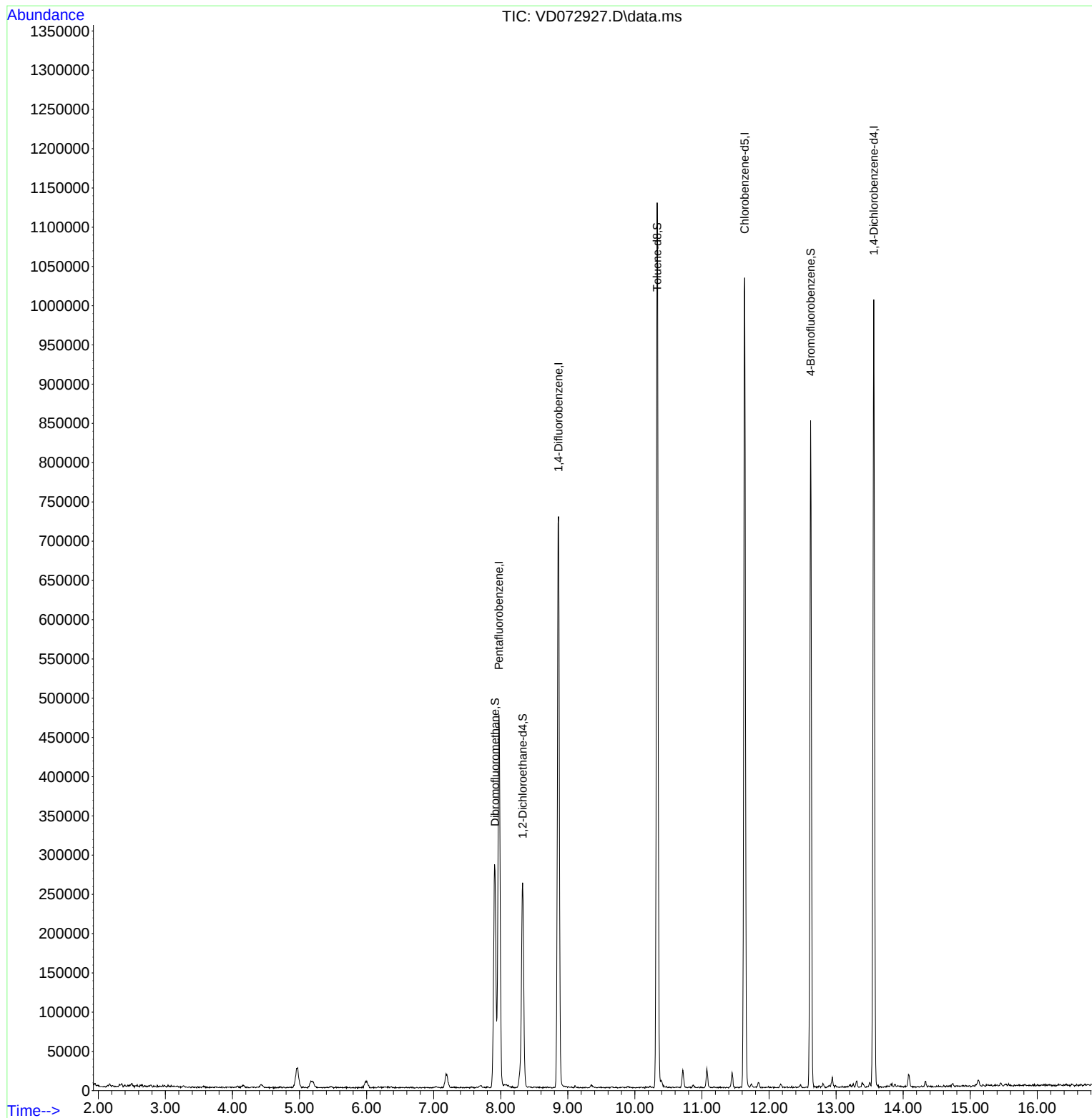
Target Compounds	Qvalue

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

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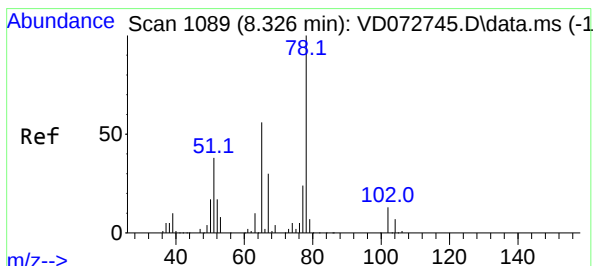
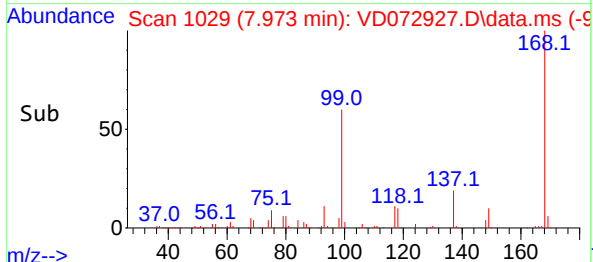
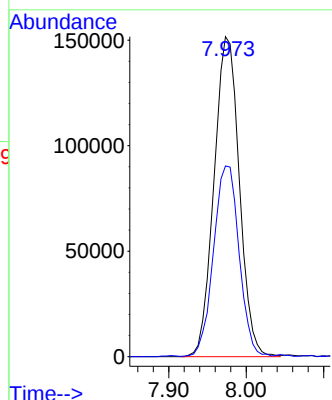
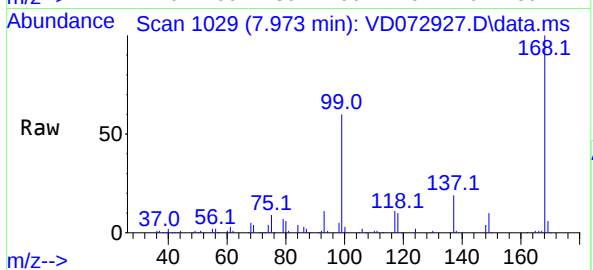




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

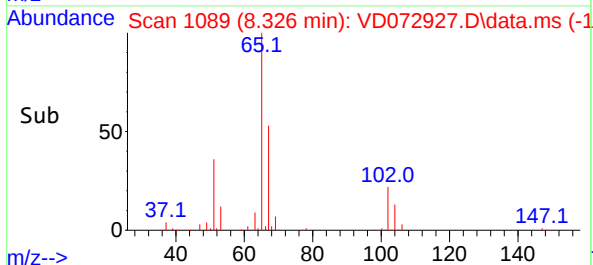
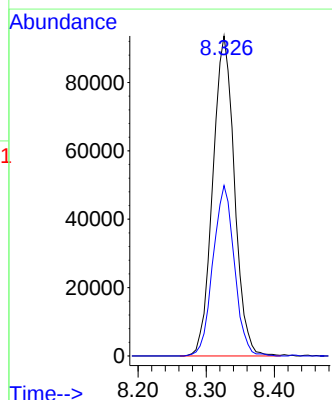
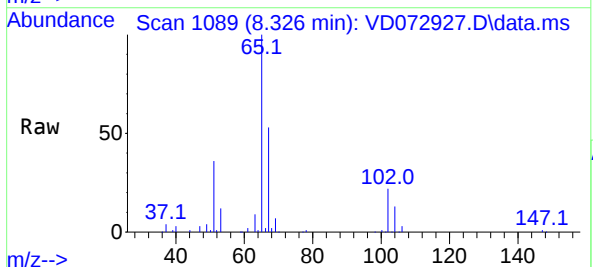
Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

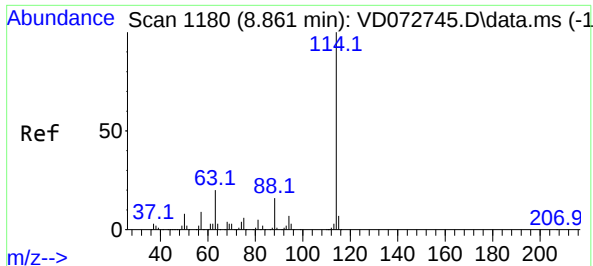
Tgt Ion:168 Resp: 344367
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.295 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 65 Resp: 206944
Ion Ratio Lower Upper
65 100
67 52.6 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: VD072927.D

Acq: 11 May 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-PARK-1-A

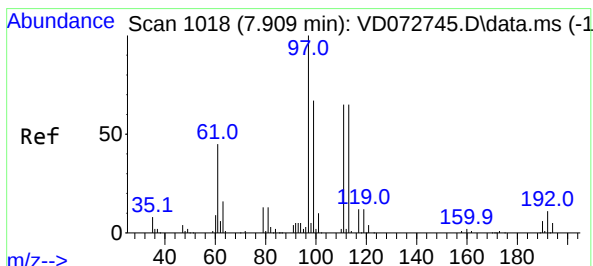
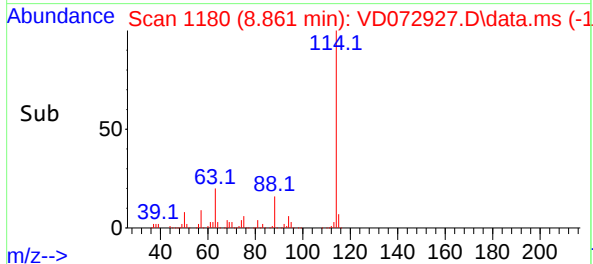
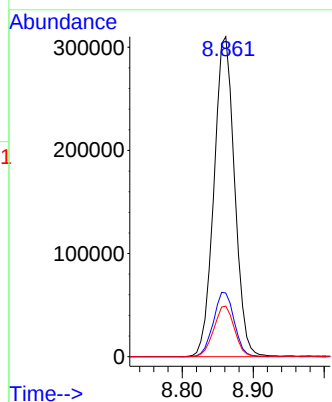
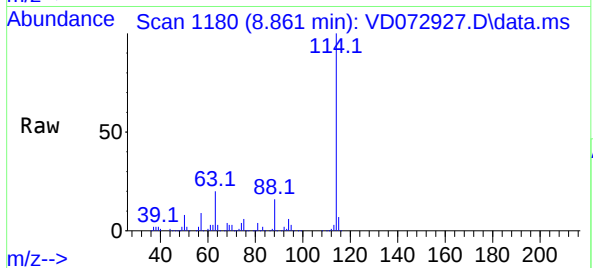
Tgt Ion:114 Resp: 624284

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072927.D

Acq: 11 May 2022 13:27

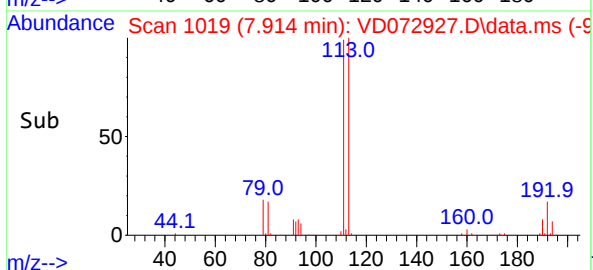
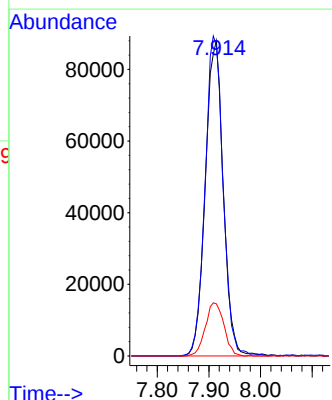
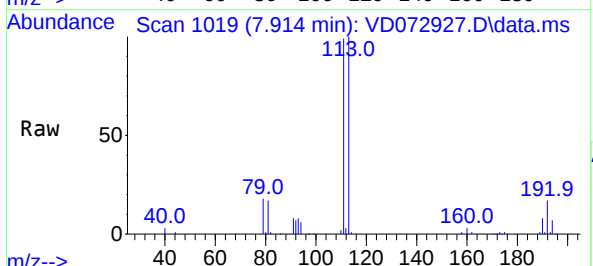
Tgt Ion:113 Resp: 212089

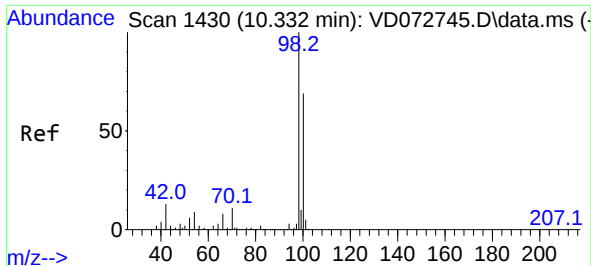
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.5 14.6 21.8

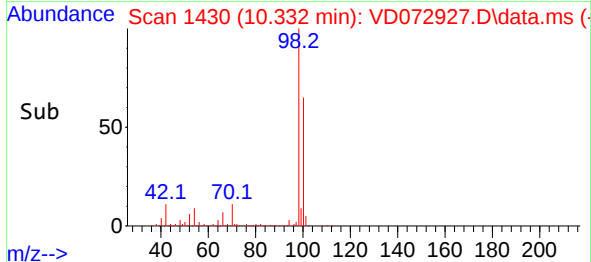
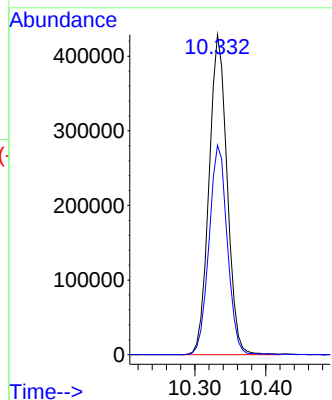
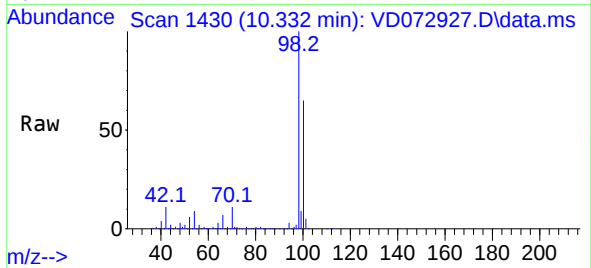




#50
Toluene-d8
Concen: 48.237 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

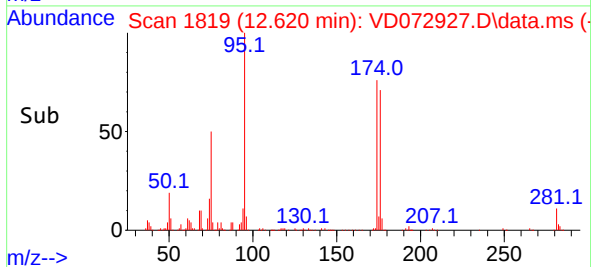
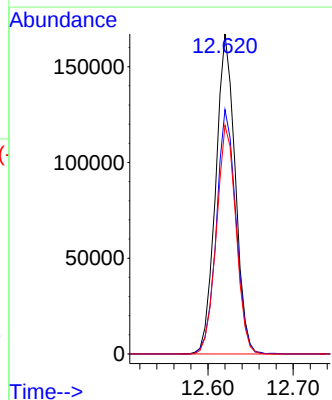
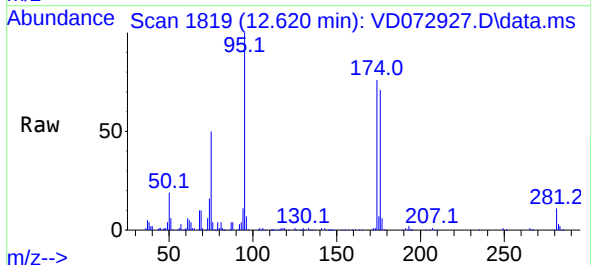
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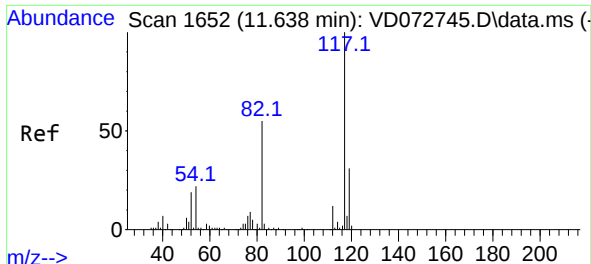
Tgt Ion: 98 Resp: 758638
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 95 Resp: 264875
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 71.8 0.0 145.4

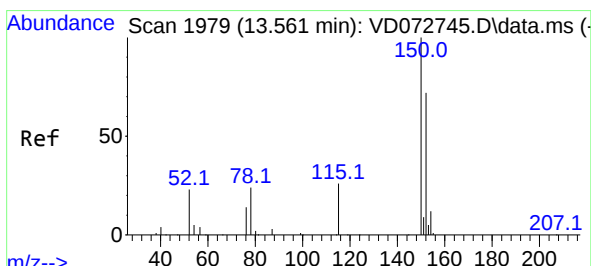
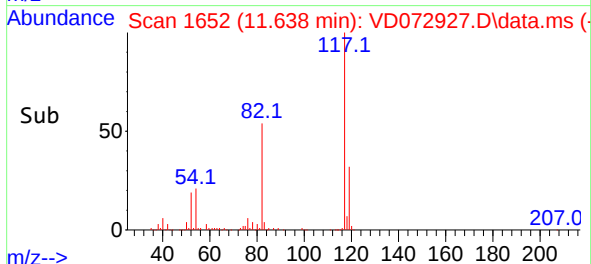
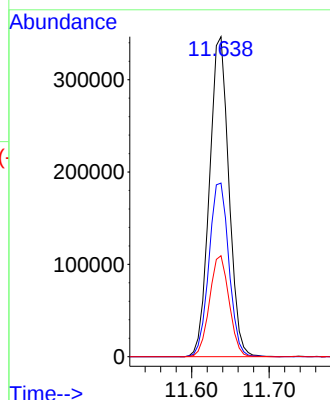
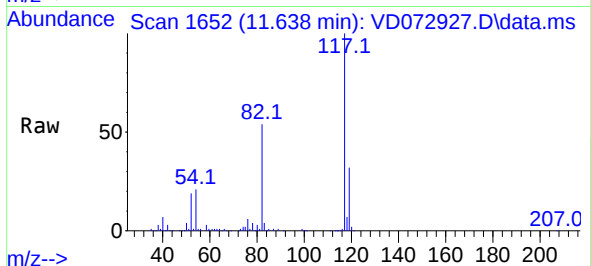




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

Tgt Ion:117 Resp: 602570
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion:152 Resp: 257434
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 159.0 0.0 348.6

