

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072615.D
 Acq On : 19 Apr 2022 10:36
 Operator : VA/SY
 Sample : VD0419SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBL01

Quant Time: Apr 19 16:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	432978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	837591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	806971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	365550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256425	48.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.908	113	280685	43.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.240%
50) Toluene-d8	10.332	98	1035400	45.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.620	95	357319	40.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.880%

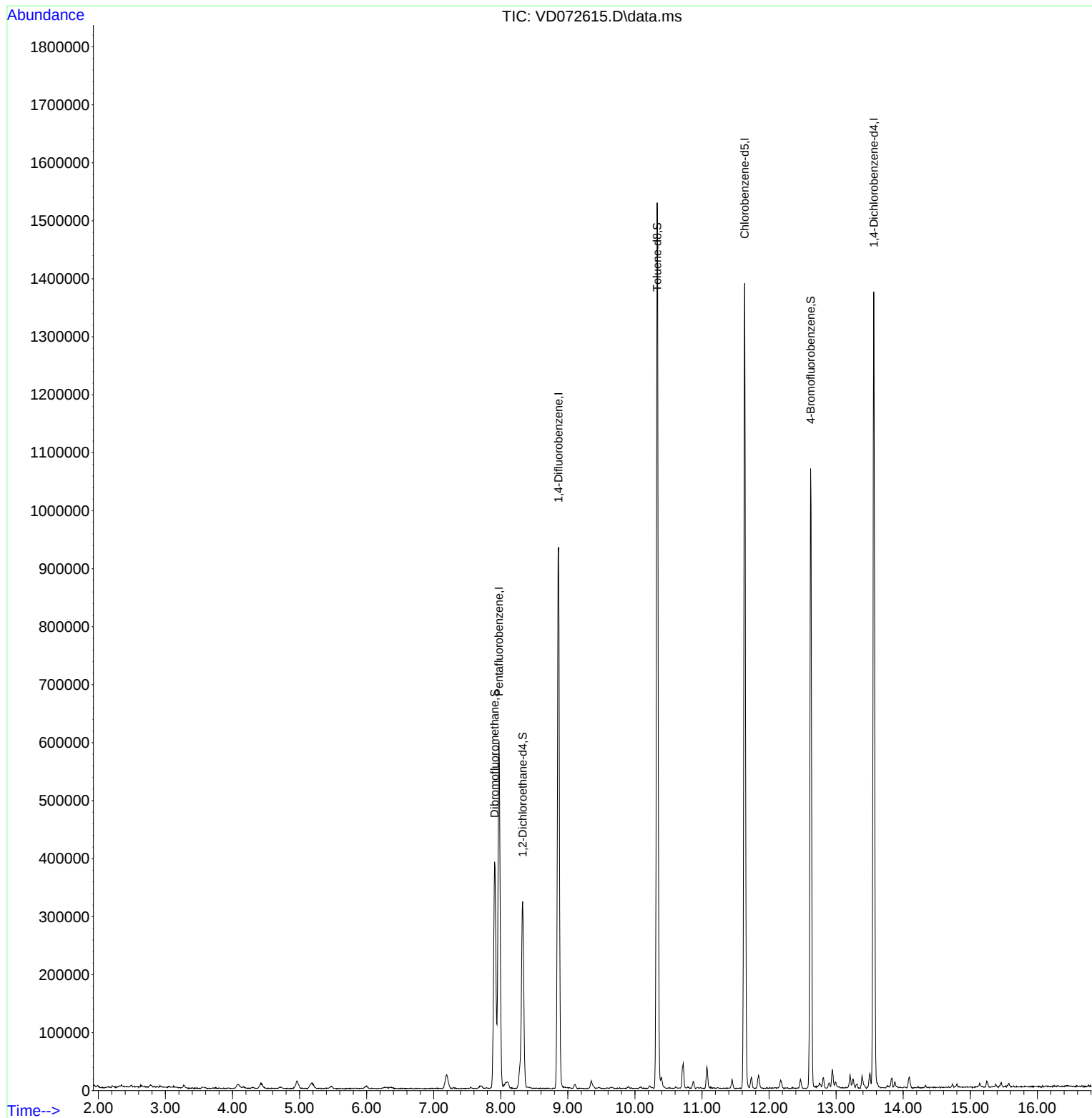
Target Compounds	Qvalue

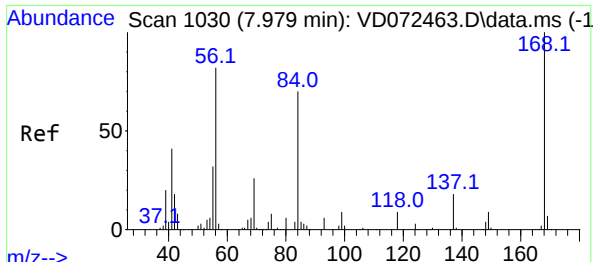
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072615.D

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Instrument :

MSVOA_D

ClientSampleId :

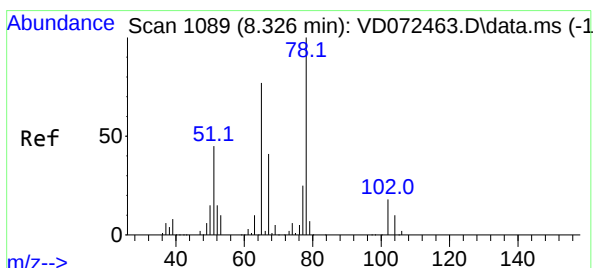
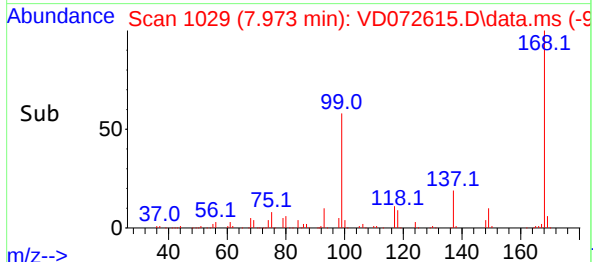
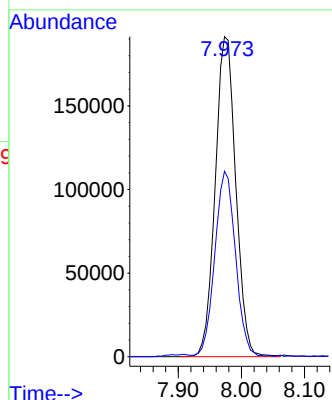
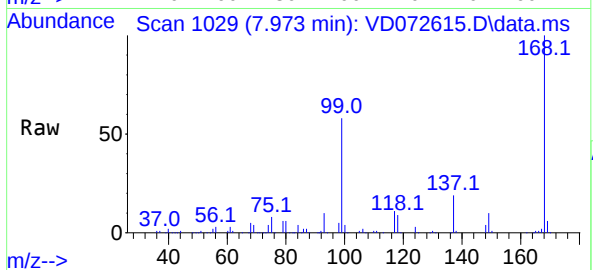
VD0419SBL01

Tgt Ion:168 Resp: 432978

Ion Ratio Lower Upper

168 100

99 57.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 48.957 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072615.D

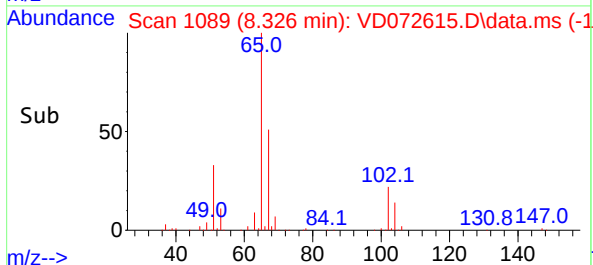
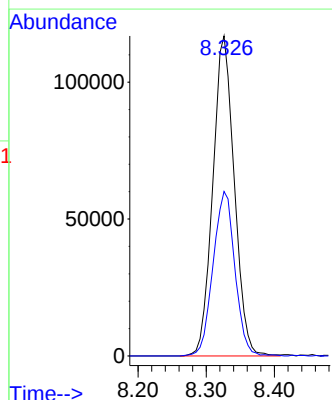
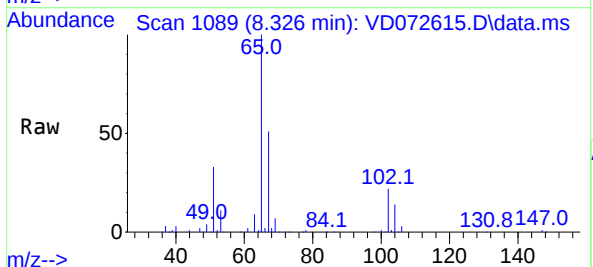
Acq: 19 Apr 2022 10:36

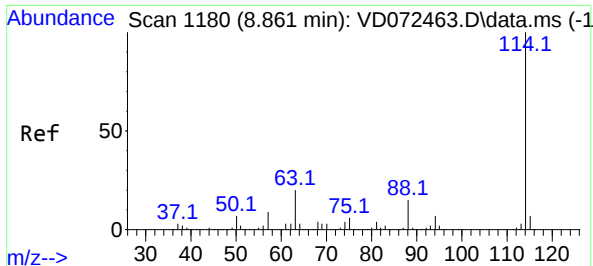
Tgt Ion: 65 Resp: 256425

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4

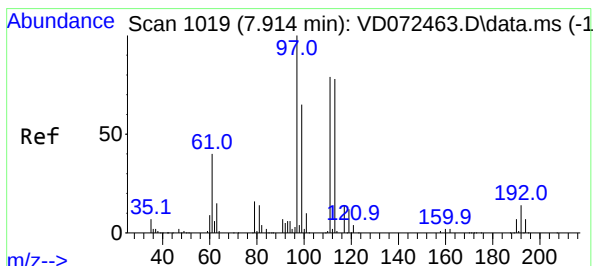
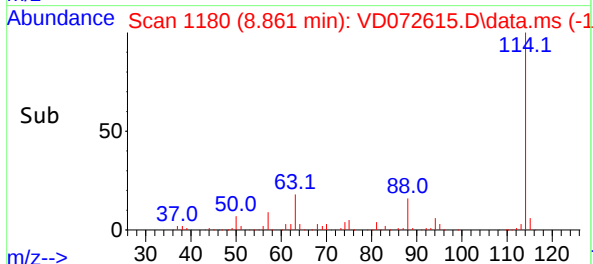
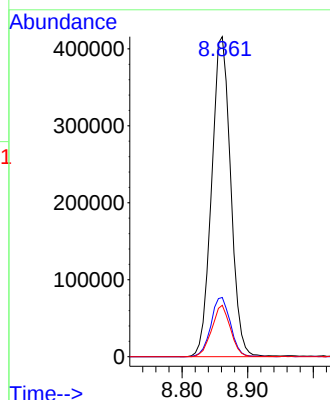
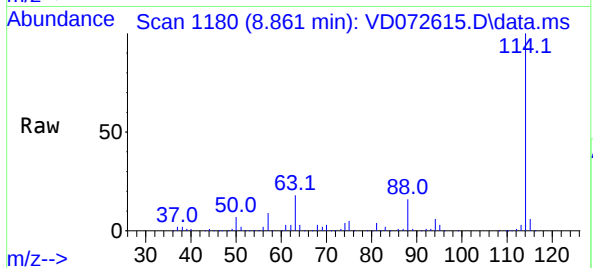




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

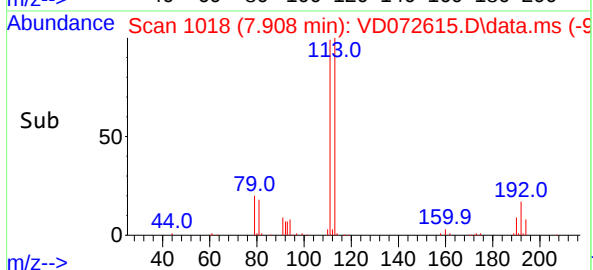
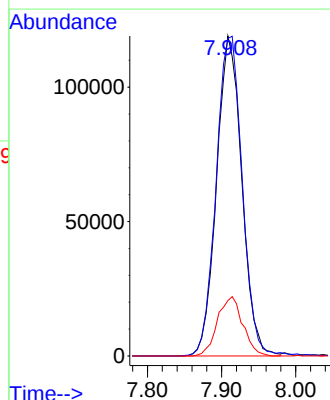
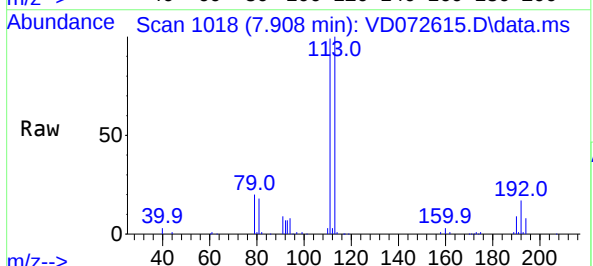
Instrument :
MSVOA_D
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VD0419SBL01

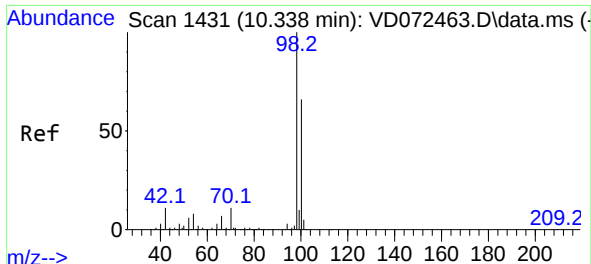
Tgt Ion:114 Resp: 837591
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 43.121 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

Tgt Ion:113 Resp: 280685
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.7 14.6 21.8

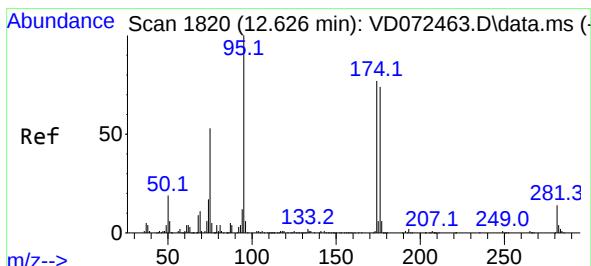
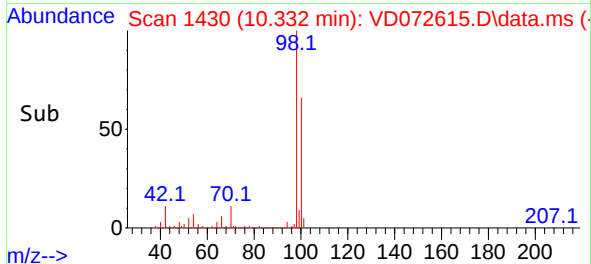
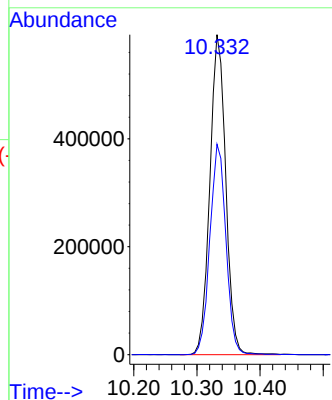
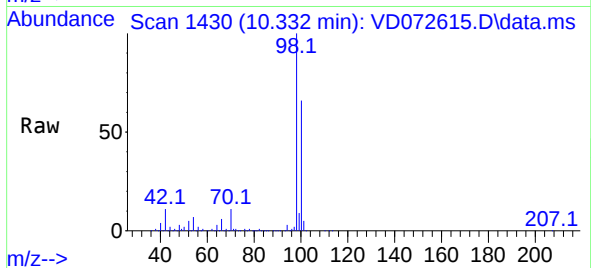




#50
Toluene-d8
Concen: 45.760 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

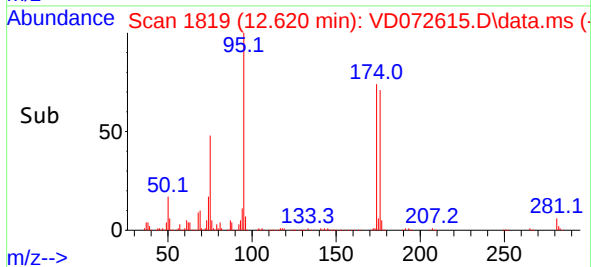
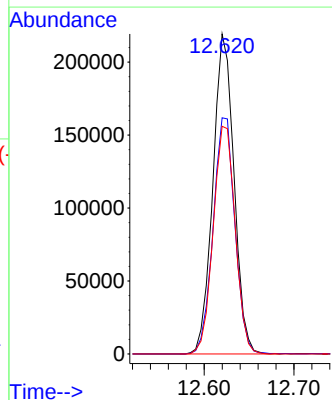
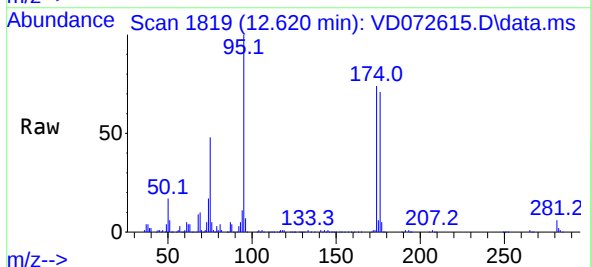
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBL01

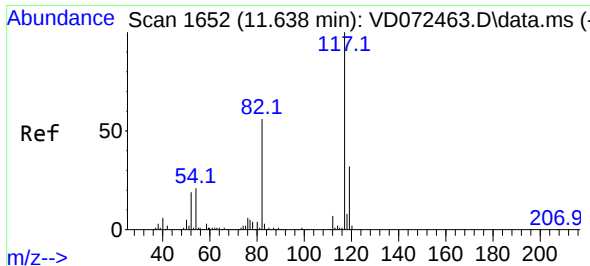
Tgt Ion: 98 Resp: 1035400
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.436 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

Tgt Ion: 95 Resp: 357319
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 74.2 0.0 145.4

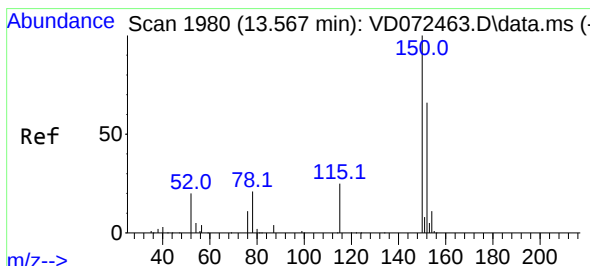
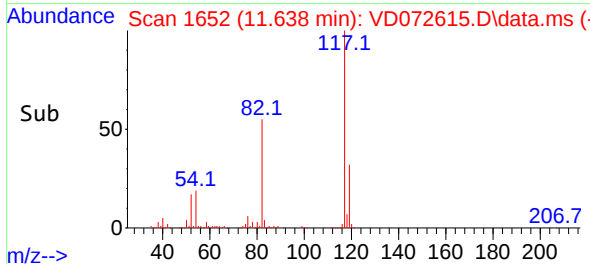
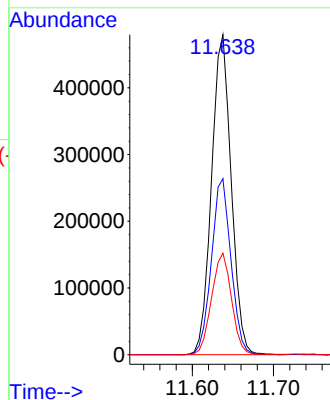
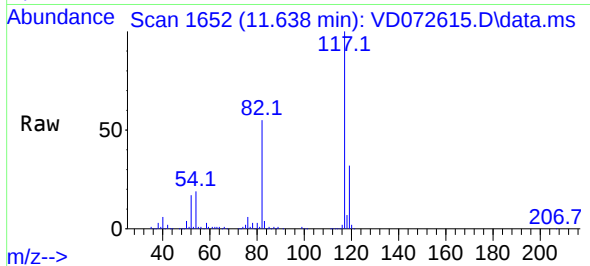




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBL01

Tgt Ion:117 Resp: 806971
Ion Ratio Lower Upper
117 100
82 55.0 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# 1979
Delta R.T. -0.006 min
Lab File: VD072615.D
Acq: 19 Apr 2022 10:36

Tgt Ion:152 Resp: 365550
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 157.1 0.0 348.6

