

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072527.D
 Acq On : 05 Apr 2022 10:52
 Operator : VA/SY
 Sample : VD0405SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0405SBL01

Quant Time: Apr 06 01:10:27 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	504488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	934157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	865663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	390117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280965	46.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.909	113	304230	41.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.820%
50) Toluene-d8	10.332	98	1130899	44.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.620	95	377488	38.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.600%

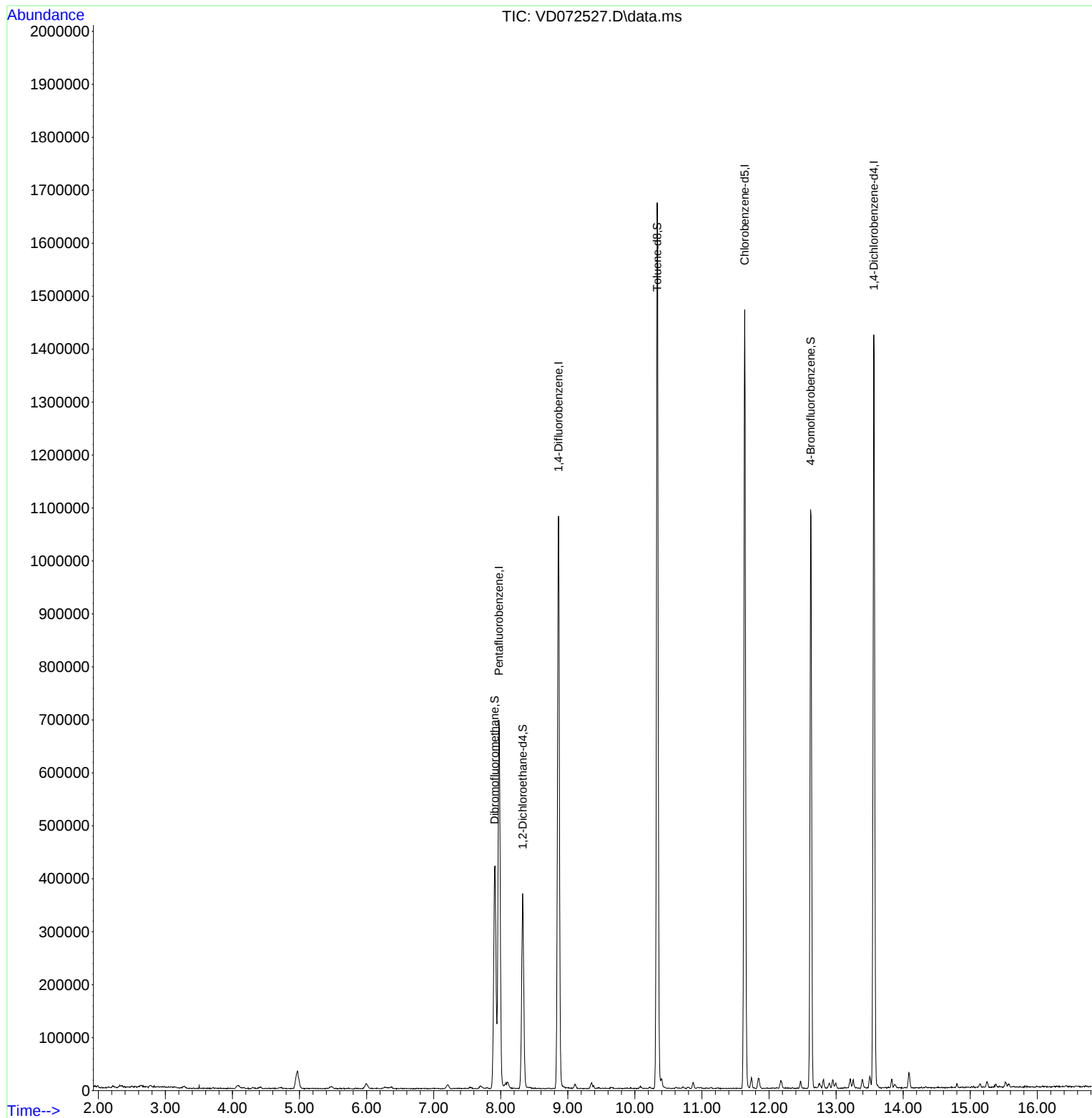
Target Compounds	Qvalue

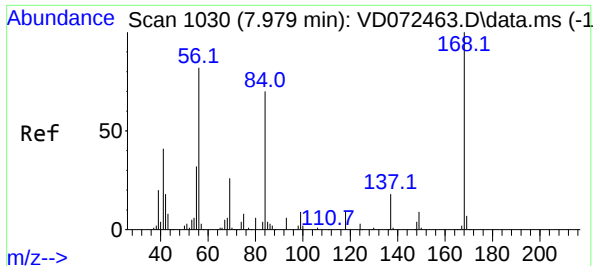
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 30 02:44:36 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072527.D

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Instrument :

MSVOA_D

ClientSampleId :

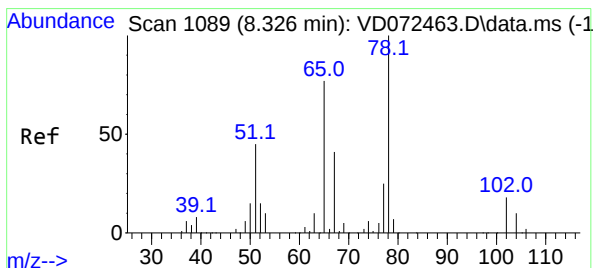
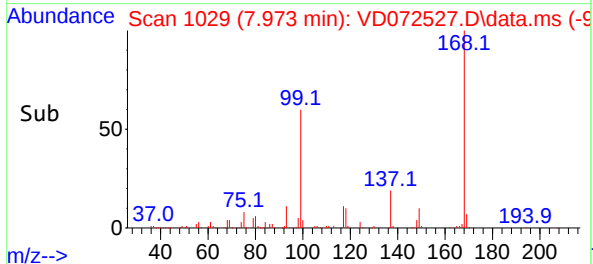
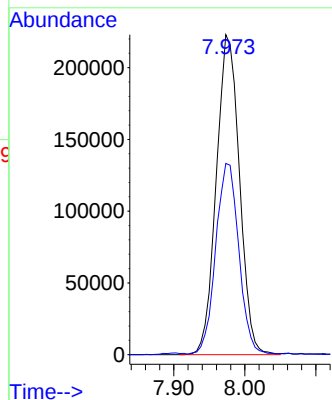
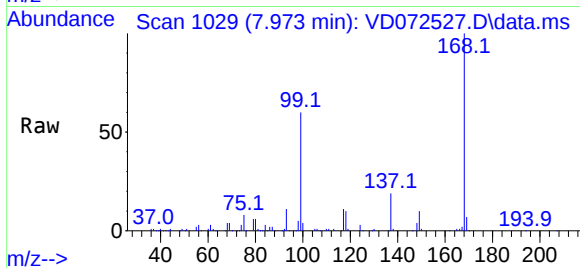
VD0405SBL01

Tgt Ion:168 Resp: 504488

Ion Ratio Lower Upper

168 100

99 59.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.039 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072527.D

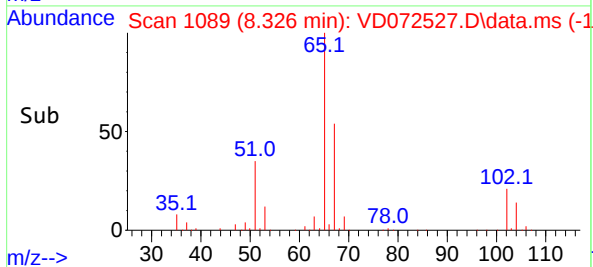
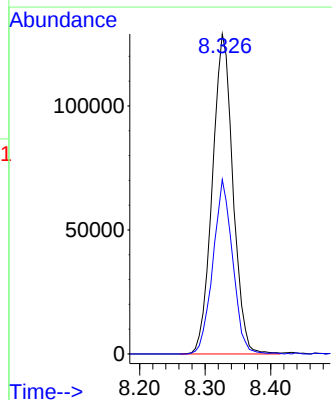
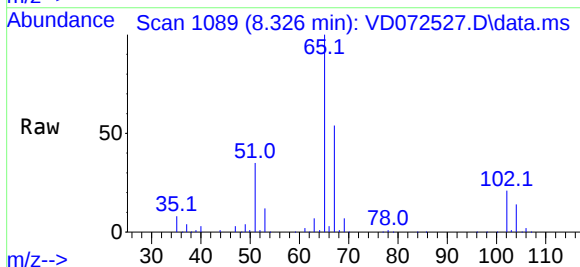
Acq: 05 Apr 2022 10:52

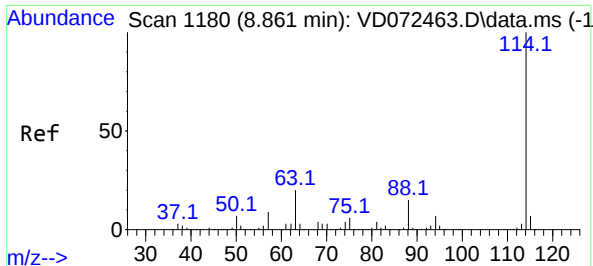
Tgt Ion: 65 Resp: 280965

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4

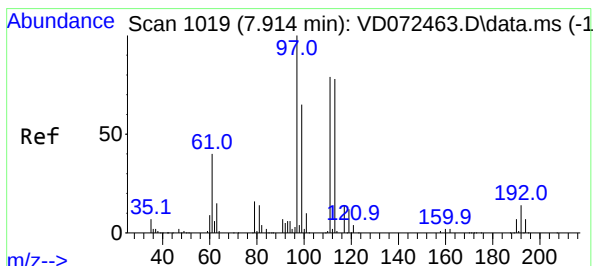
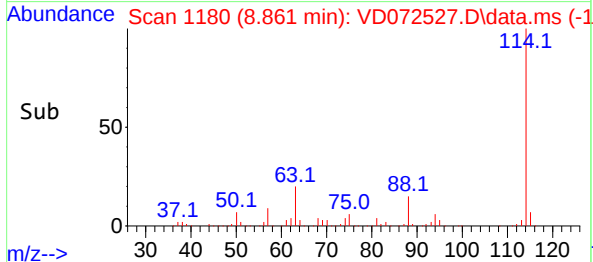
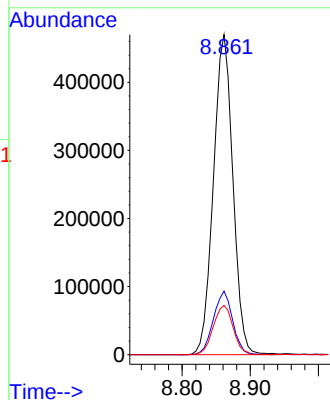
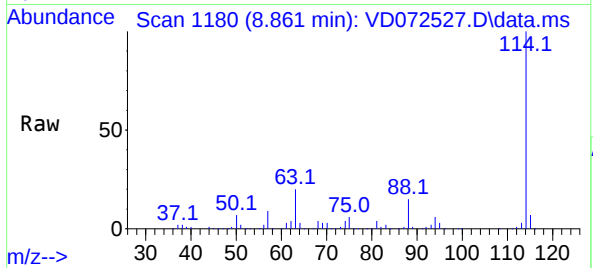




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

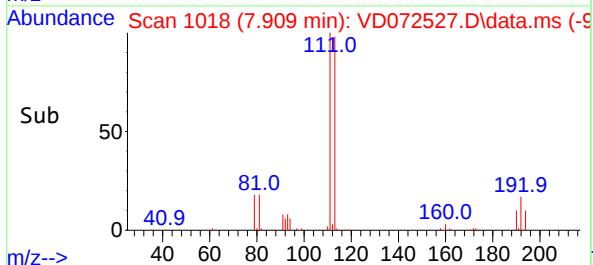
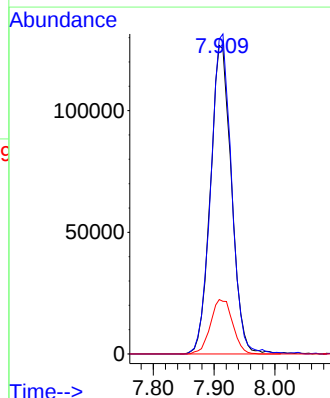
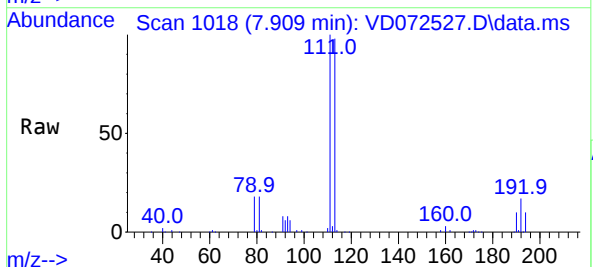
Instrument :
MSVOA_D
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VD0405SBL01

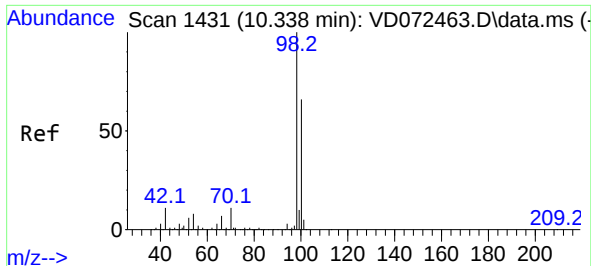
Tgt Ion:114 Resp: 934157
Ion Ratio Lower Upper
114 100
63 19.9 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 41.907 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion:113 Resp: 304230
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 18.6 14.6 21.8

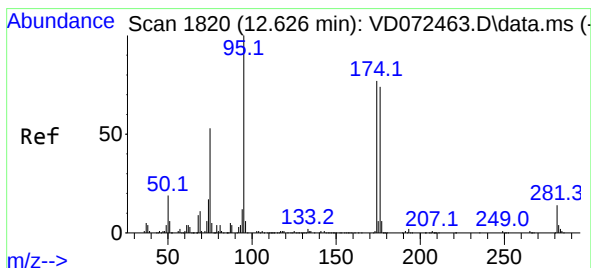
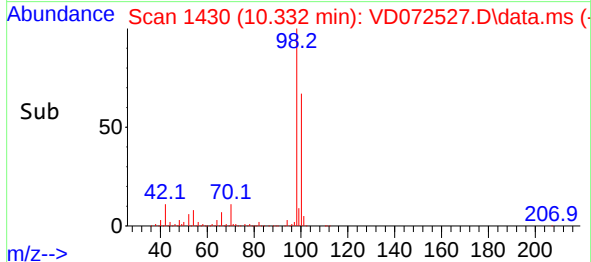
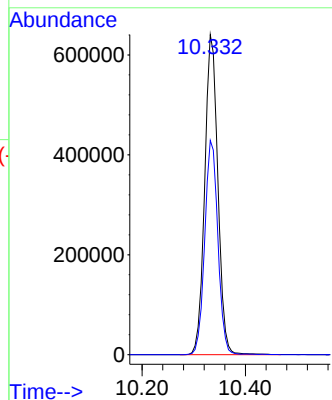
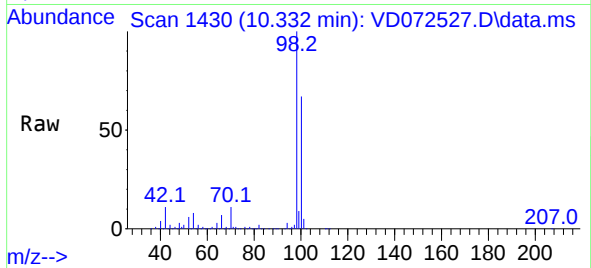




#50
Toluene-d8
Concen: 44.814 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

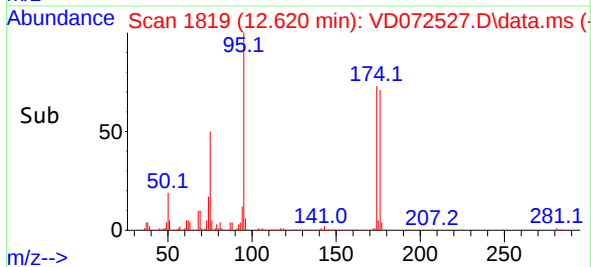
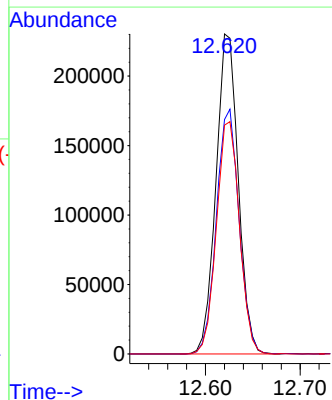
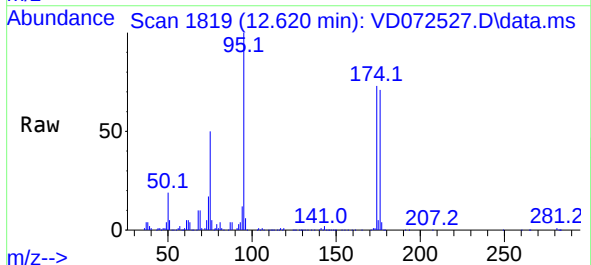
Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01

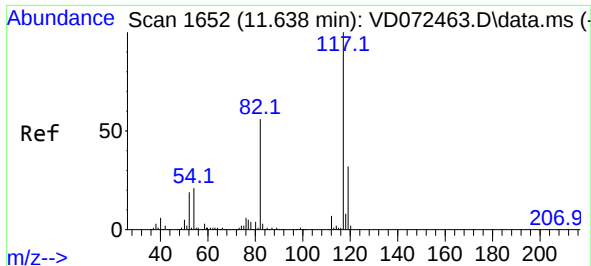
Tgt Ion: 98 Resp: 1130899
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

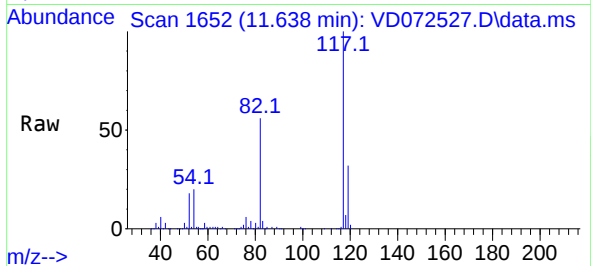
Tgt Ion: 95 Resp: 377488
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 74.8 0.0 145.4



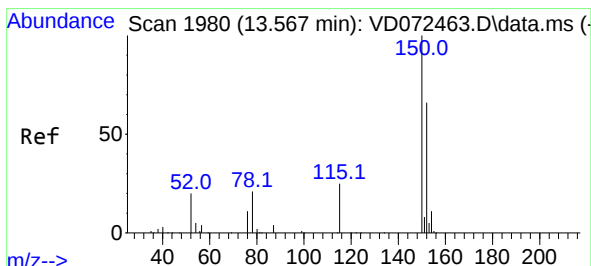
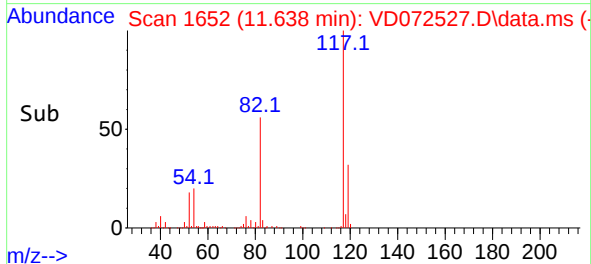
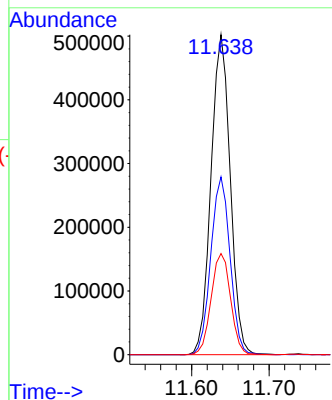


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072527.D
Acq: 05 Apr 2022 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0405SBL01



Tgt Ion:117 Resp: 865663
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.6 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: VD072527.D
Acq: 05 Apr 2022 10:52

Tgt Ion:152 Resp: 390117
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.4 0.0 348.6

