

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072733.D
 Acq On : 29 Apr 2022 10:32
 Operator : VA/SY
 Sample : VD0429SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

Quant Time: Apr 30 01:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	362013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	737247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298199	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245200	51.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.040%
35) Dibromofluoromethane	7.908	113	242013	49.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.332	98	899882	50.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.680%
62) 4-Bromofluorobenzene	12.620	95	309299	46.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.660%

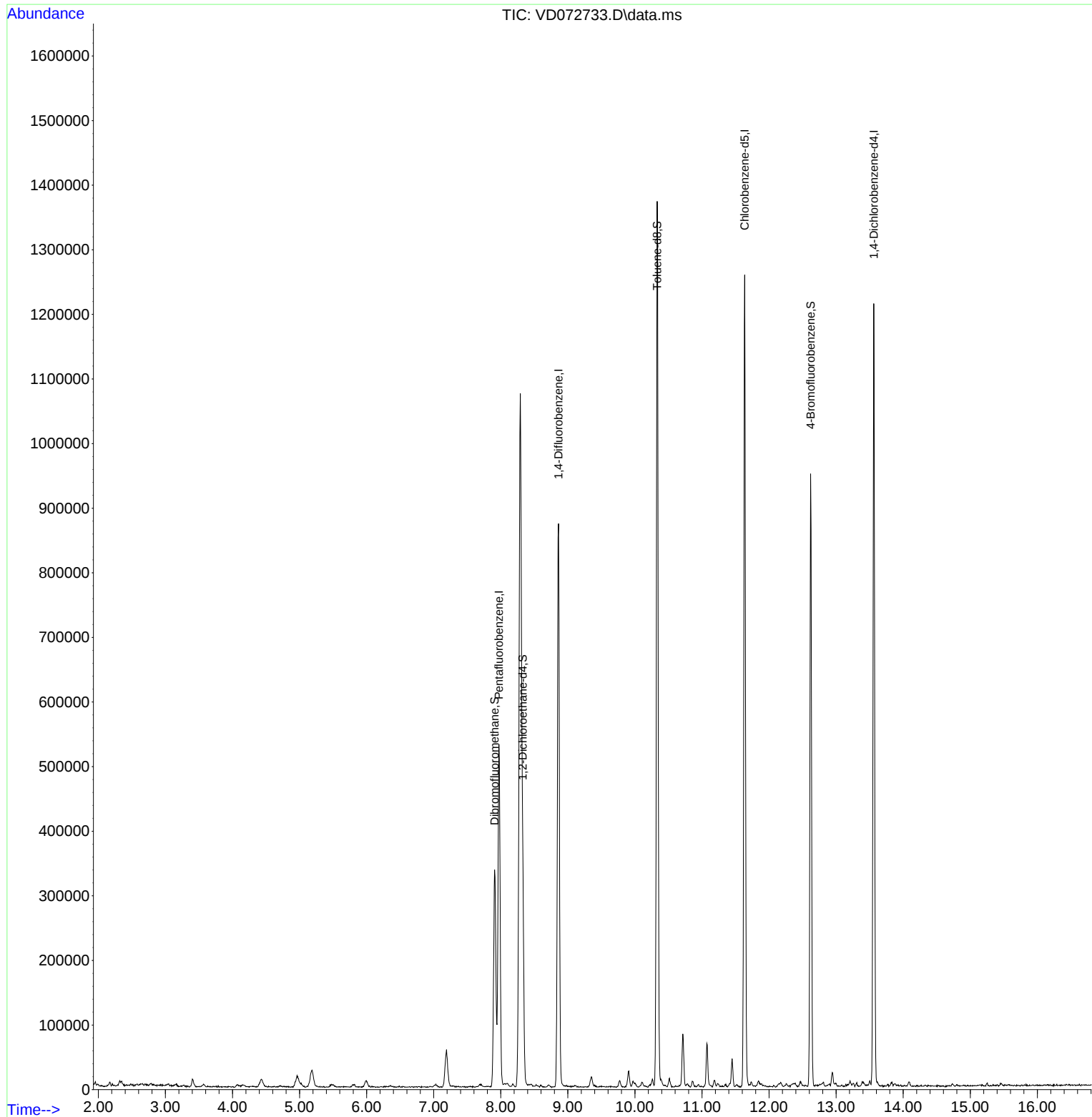
Target Compounds	Qvalue

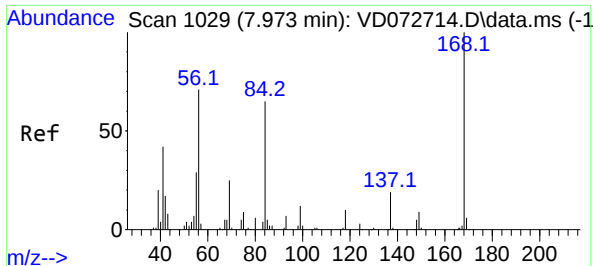
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 27 16:01:06 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072733.D

Acq: 29 Apr 2022 10:32

Instrument :

MSVOA_D

ClientSampleId :

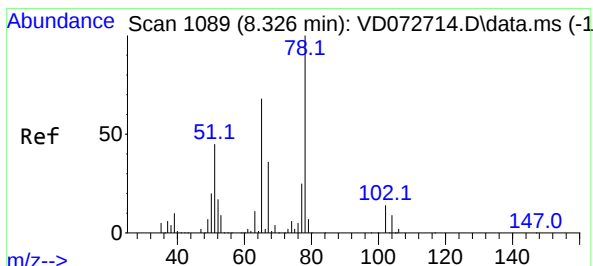
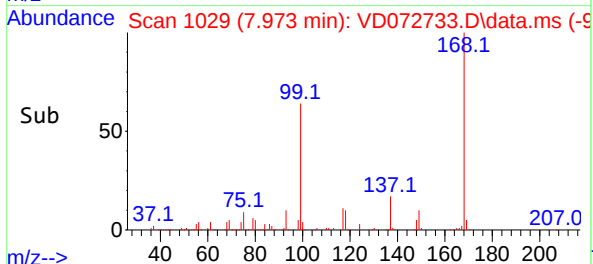
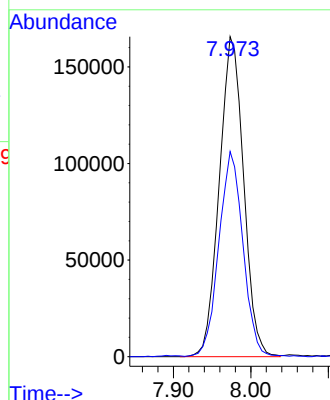
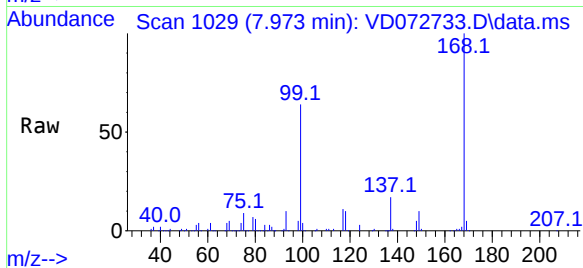
VD0429SBL01

Tgt Ion:168 Resp: 362013

Ion Ratio Lower Upper

168 100

99 63.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 51.016 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072733.D

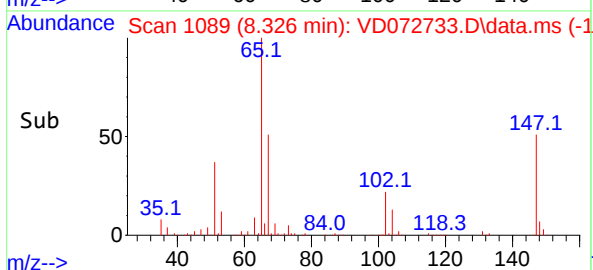
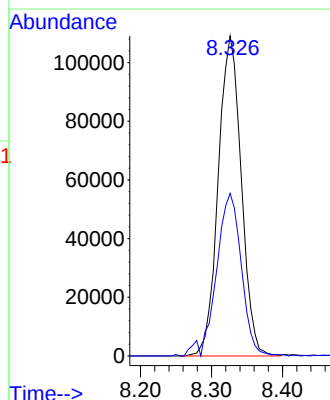
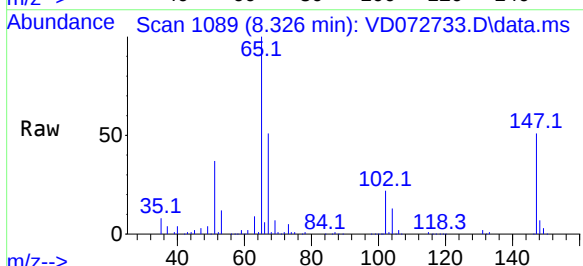
Acq: 29 Apr 2022 10:32

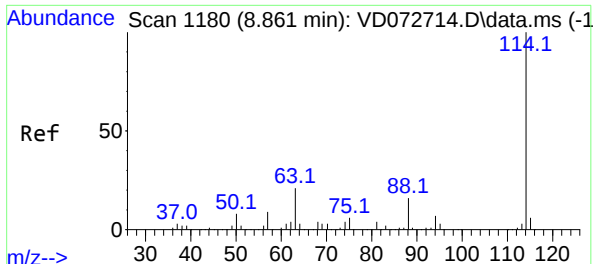
Tgt Ion: 65 Resp: 245200

Ion Ratio Lower Upper

65 100

67 55.2 0.0 101.4

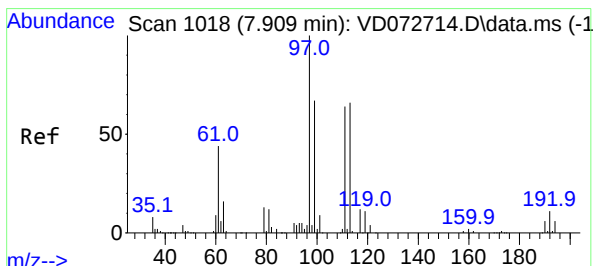
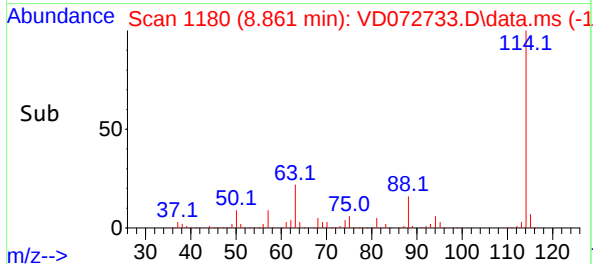
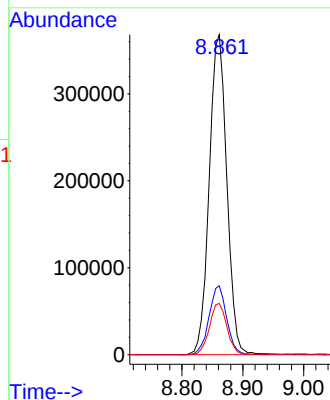
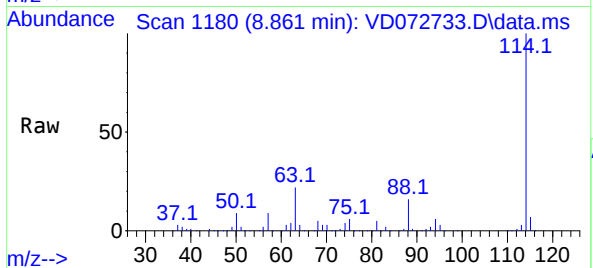




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

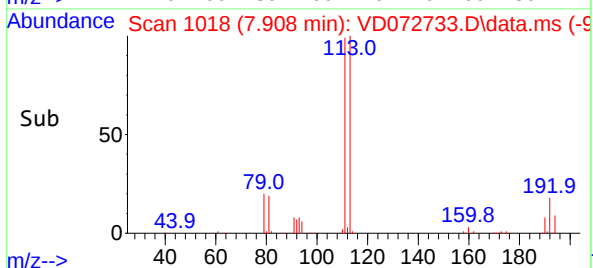
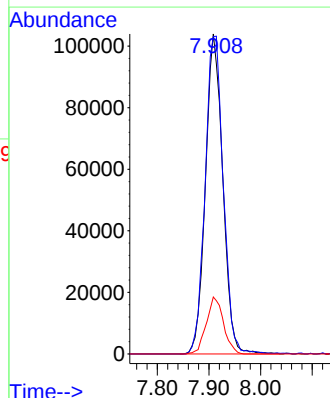
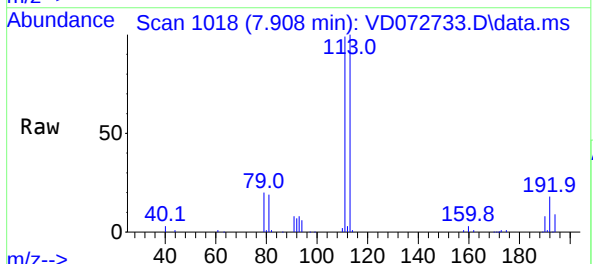
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

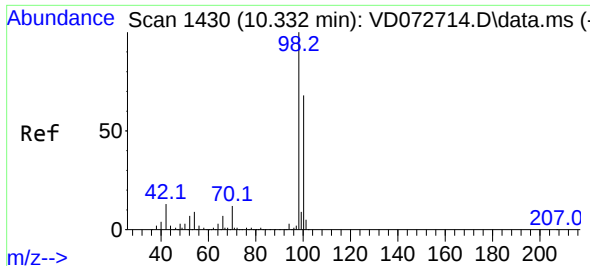
Tgt Ion:114 Resp: 737247
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.293 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion:113 Resp: 242013
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.7 14.6 21.8

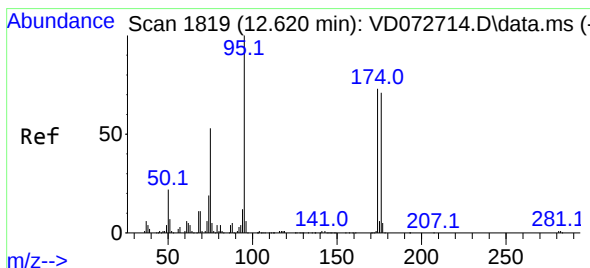
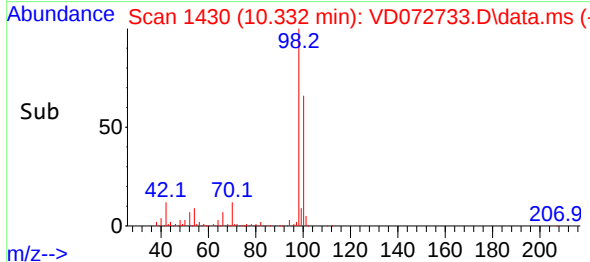
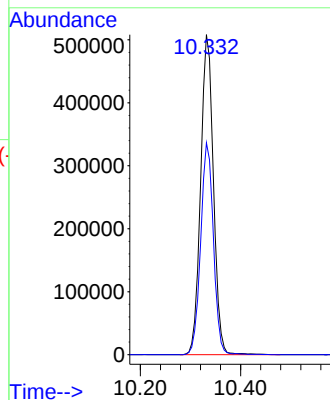
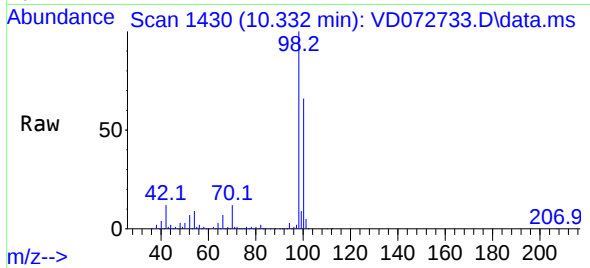




#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

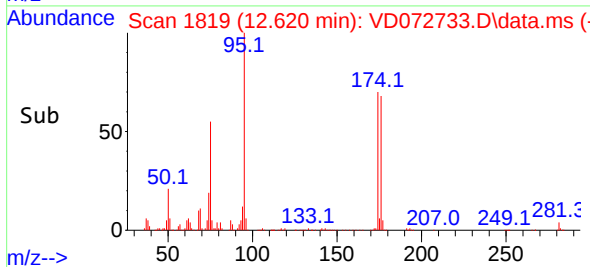
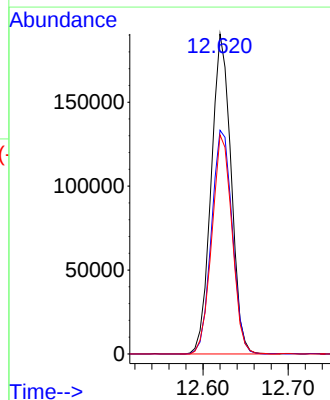
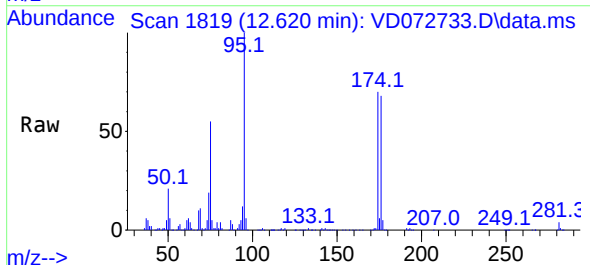
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

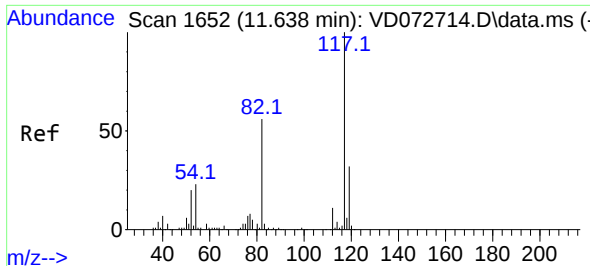
Tgt Ion: 98 Resp: 899882
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.333 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 95 Resp: 309299
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 69.2 0.0 145.4

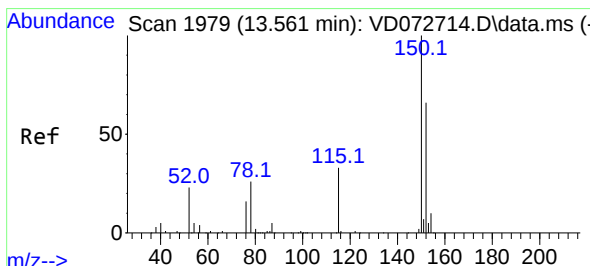
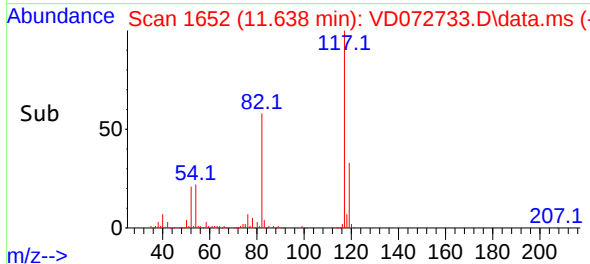
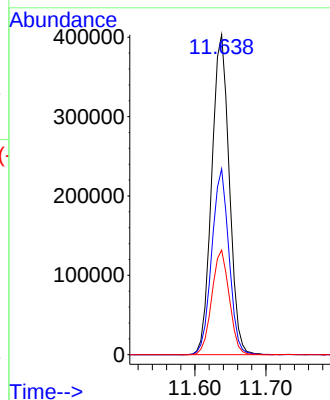
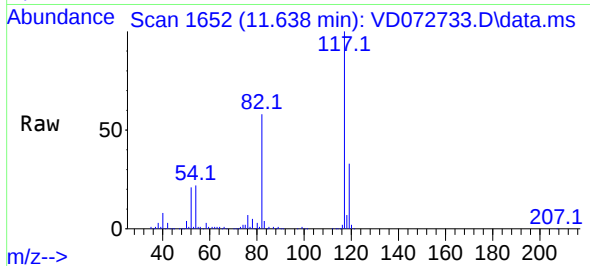




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

Tgt Ion:117 Resp: 690970
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion:152 Resp: 298199
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.3 0.0 348.6

