

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075685.D
 Acq On : 14 Apr 2023 18:01
 Operator : KP/SY
 Sample : 02262-05RE
 Misc : 9.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-1-040723RE

Quant Time: Apr 17 09:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	429311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	214572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78284	62.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.860%
35) Dibromofluoromethane	7.804	113	118231	52.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.760%
50) Toluene-d8	10.269	98	451423	50.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.575	95	175460	73.725	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.460%#

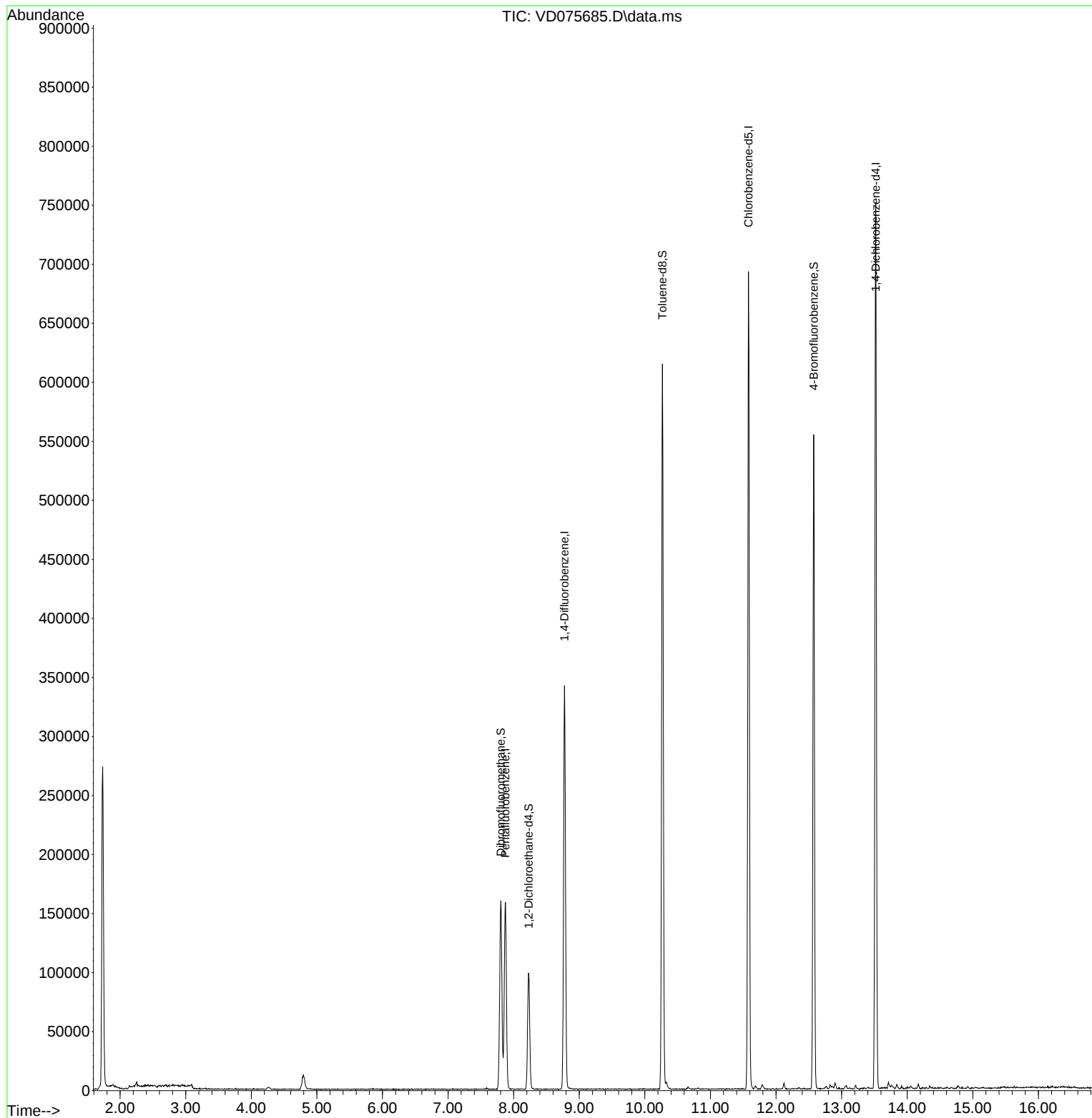
Target Compounds	Qvalue

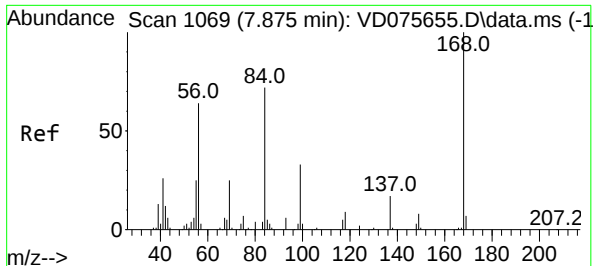
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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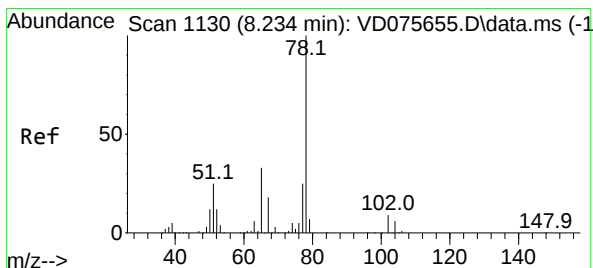
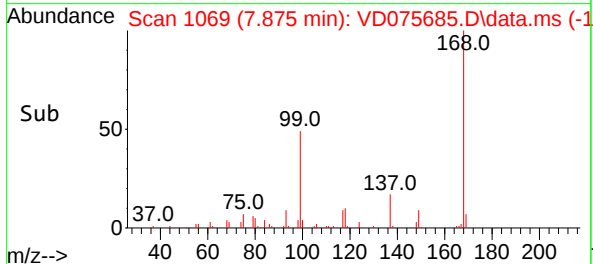
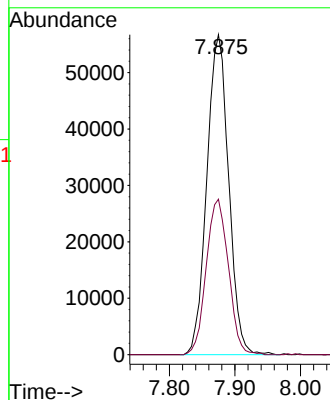
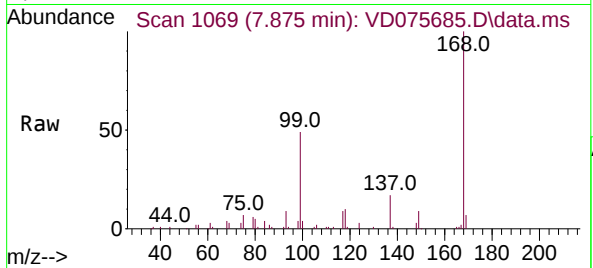




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

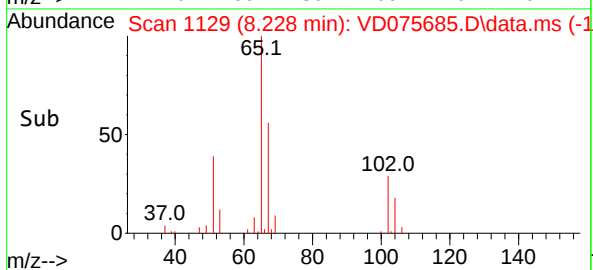
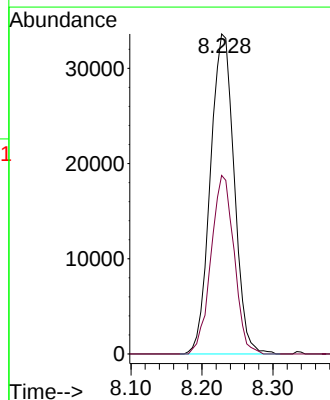
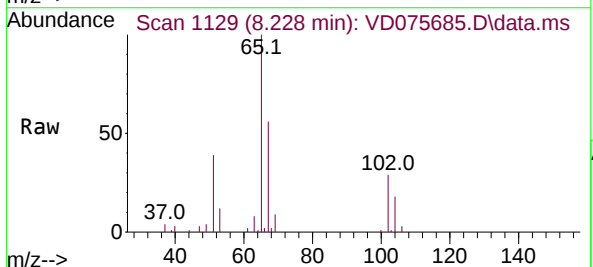
Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723RE

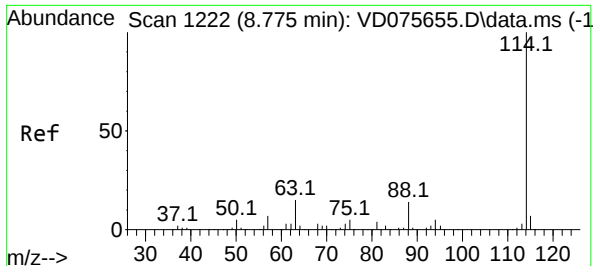
Tgt Ion:168 Resp: 131060
Ion Ratio Lower Upper
168 100
99 48.6 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.929 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 65 Resp: 78284
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.2

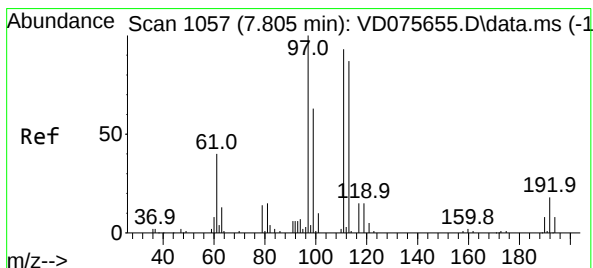
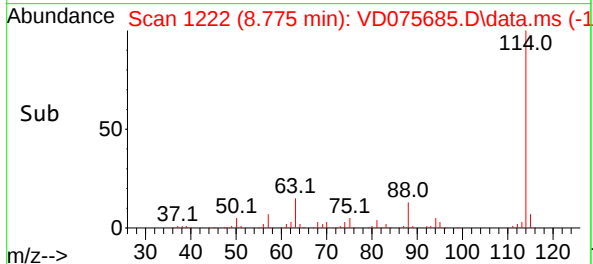
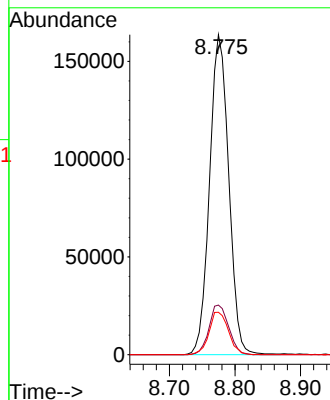
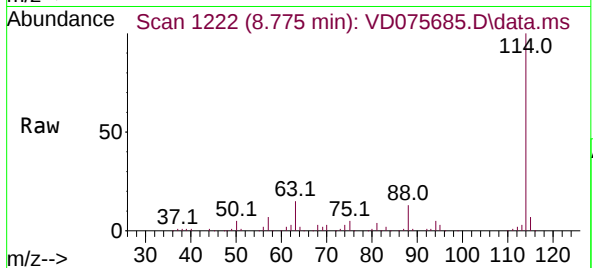




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

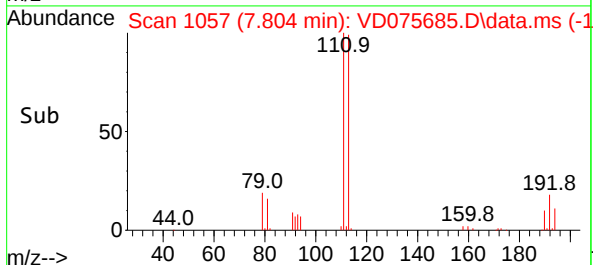
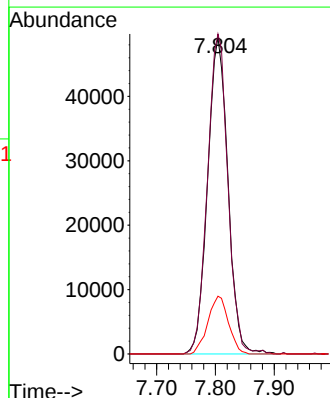
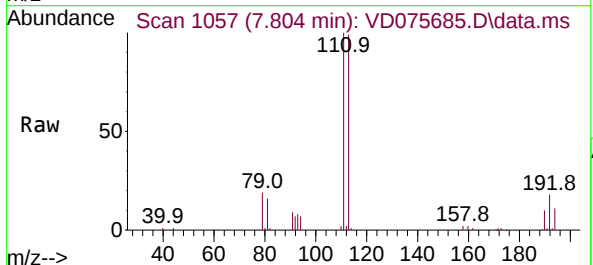
Instrument :
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ClientSampleId :
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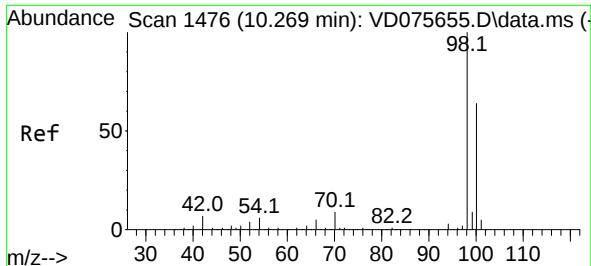
Tgt Ion:114 Resp: 332429
Ion Ratio Lower Upper
114 100
63 15.5 0.0 41.6
88 13.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.878 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion:113 Resp: 118231
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 18.5 15.2 22.8

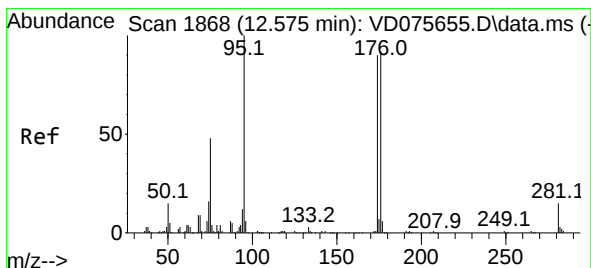
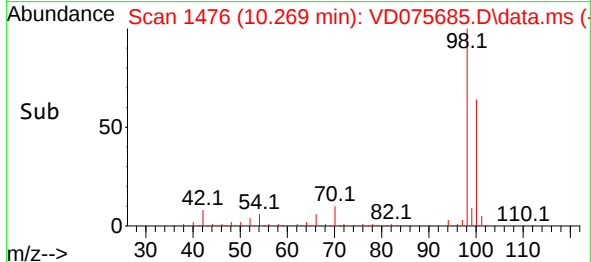
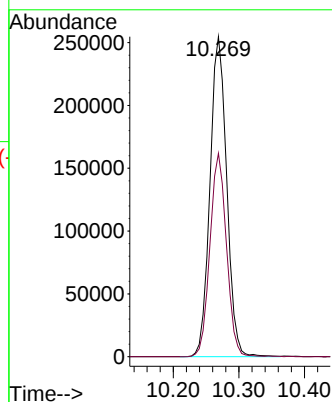
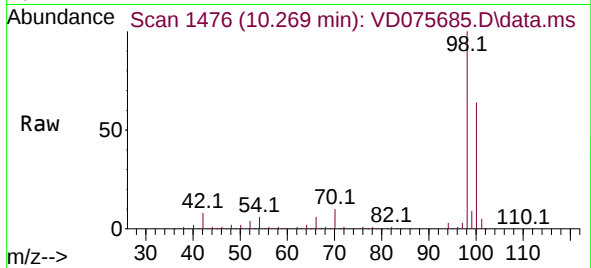




#50
Toluene-d8
Concen: 50.416 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

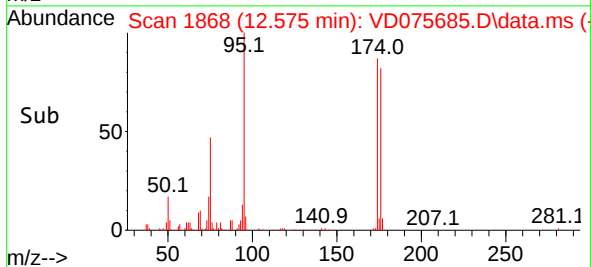
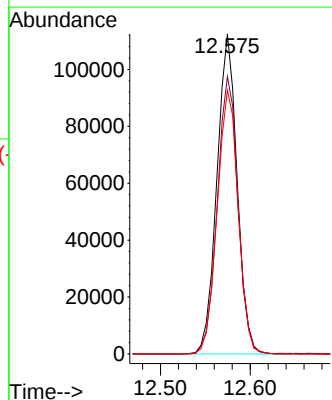
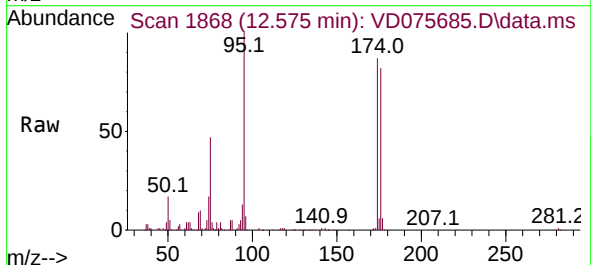
Instrument :
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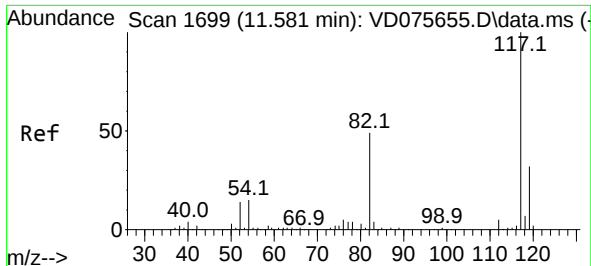
Tgt Ion: 98 Resp: 451423
Ion Ratio Lower Upper
98 100
100 62.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 73.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion: 95 Resp: 175460
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 85.5 0.0 156.8

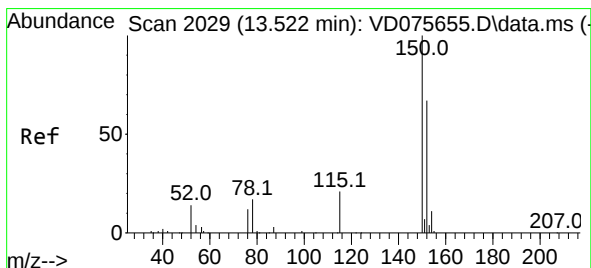
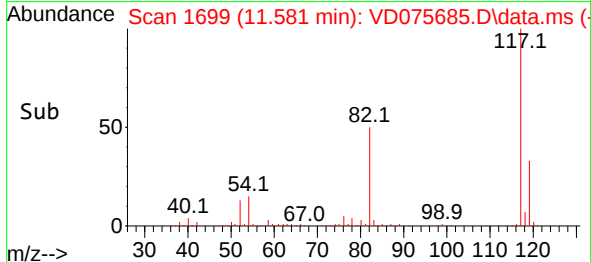
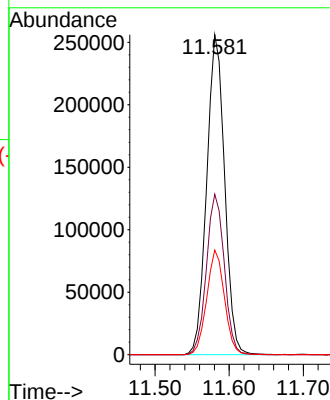
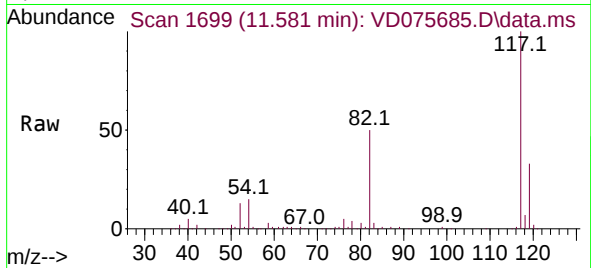




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
JPP-1-040723RE

Tgt Ion:117 Resp: 429311
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075685.D
Acq: 14 Apr 2023 18:01

Tgt Ion:152 Resp: 214572
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 158.1 0.0 364.8

