

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075680.D
 Acq On : 14 Apr 2023 15:28
 Operator : KP/SY
 Sample : 02305-01
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Apr 17 01:33:52 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	117506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	321685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	366156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119744	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69472	62.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.580%
35) Dibromofluoromethane	7.805	113	114447	52.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.800%
50) Toluene-d8	10.269	98	422553	48.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.540%
62) 4-Bromofluorobenzene	12.575	95	126725	55.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.060%

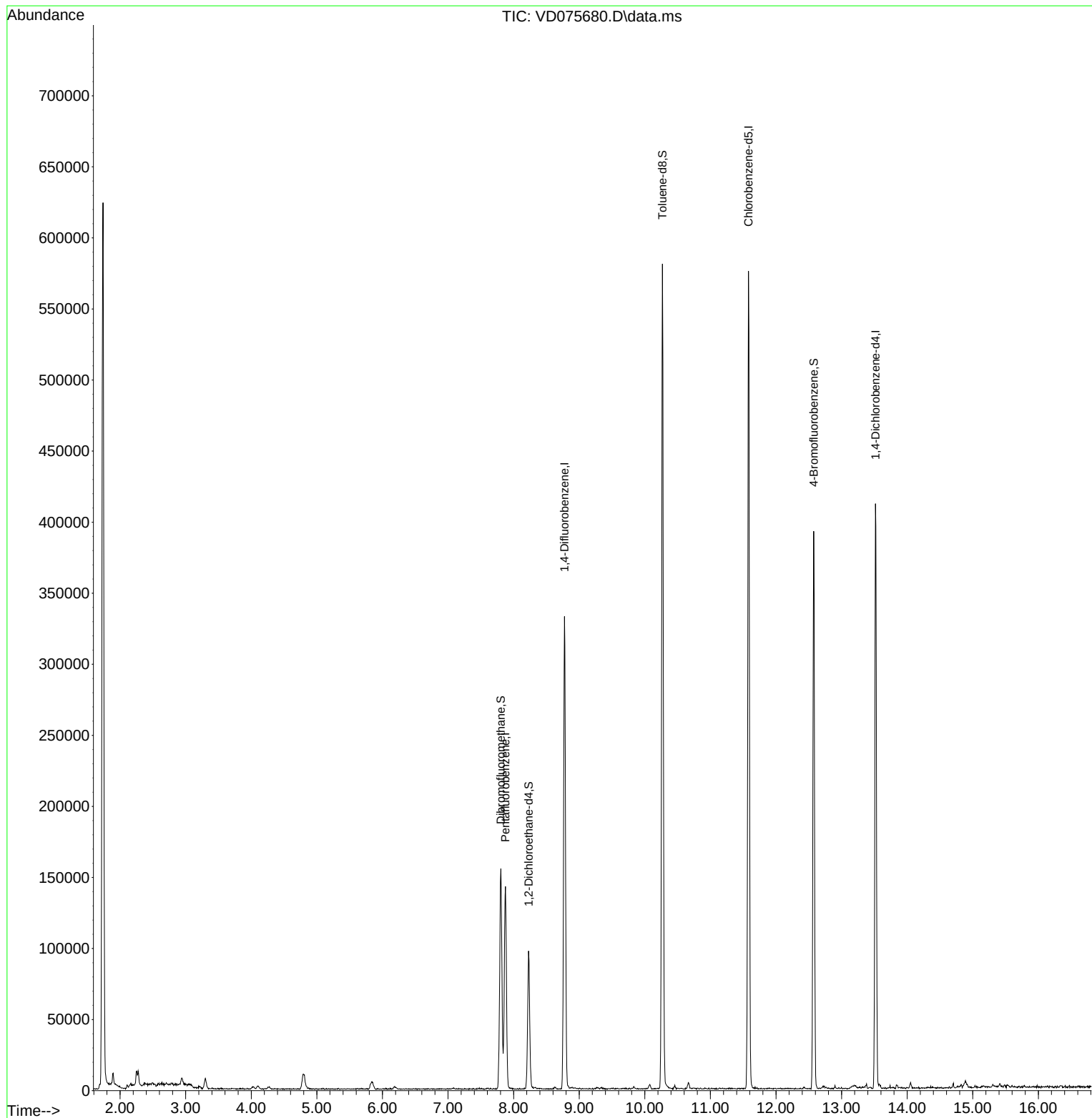
Target Compounds	Qvalue

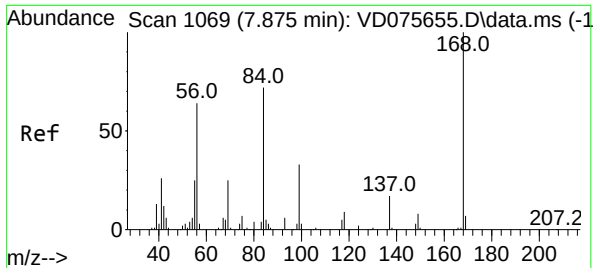
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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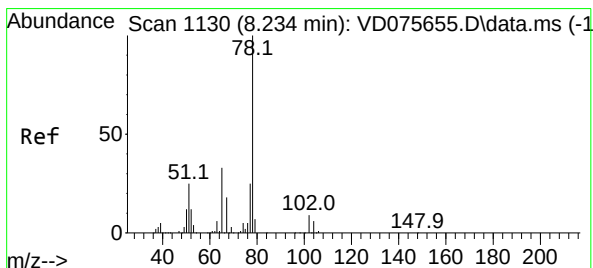
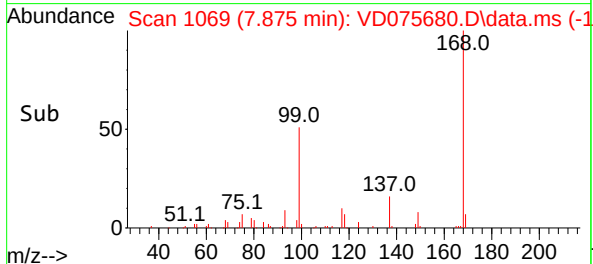
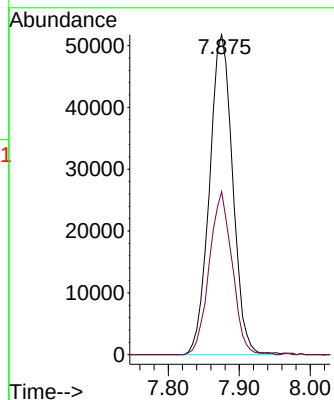
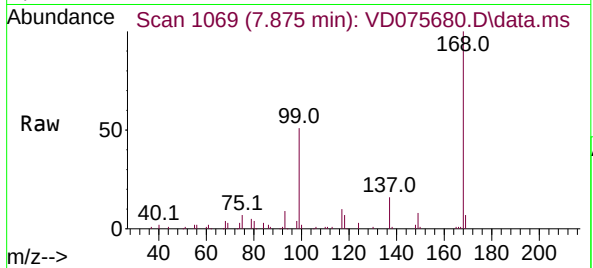




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

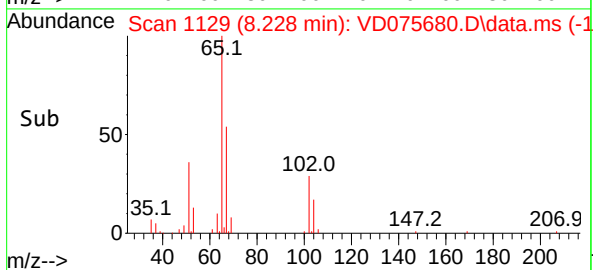
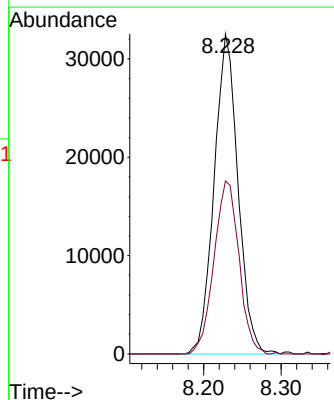
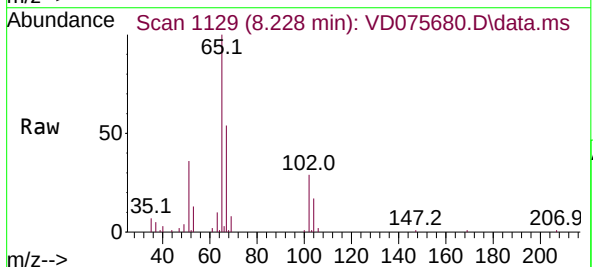
Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

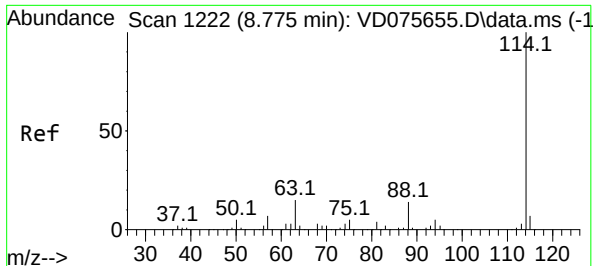
Tgt Ion:168 Resp: 117506
Ion Ratio Lower Upper
168 100
99 51.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 62.287 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion: 65 Resp: 69472
Ion Ratio Lower Upper
65 100
67 56.7 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: VD075680.D

Acq: 14 Apr 2023 15:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-232

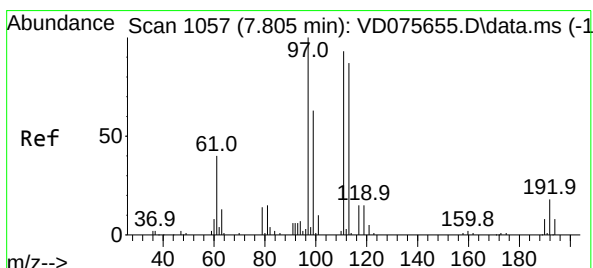
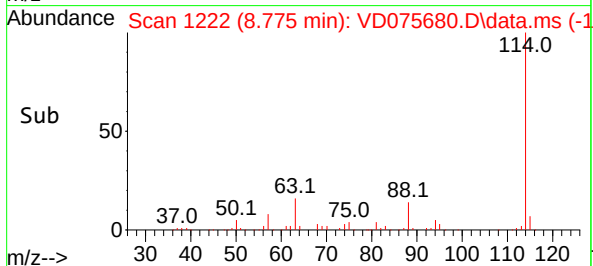
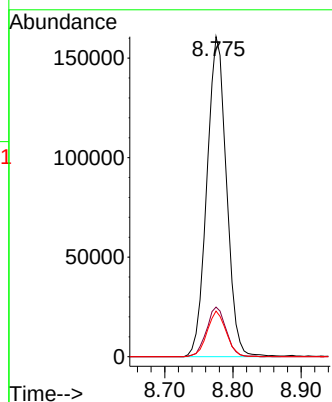
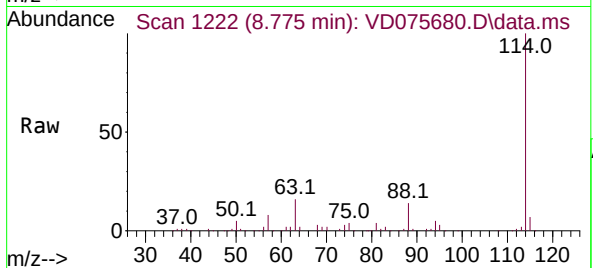
Tgt Ion:114 Resp: 321685

Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.895 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075680.D

Acq: 14 Apr 2023 15:28

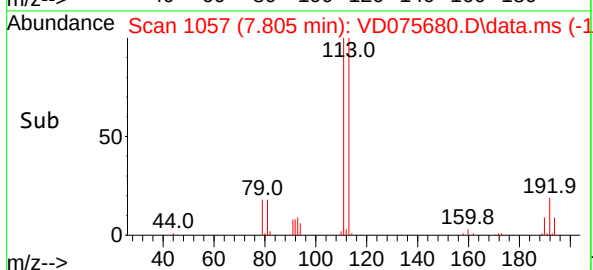
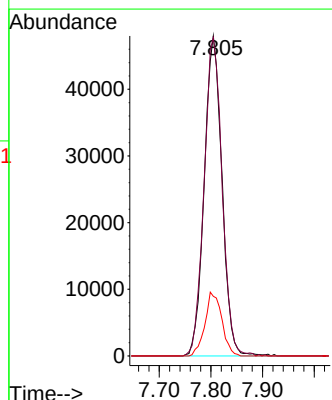
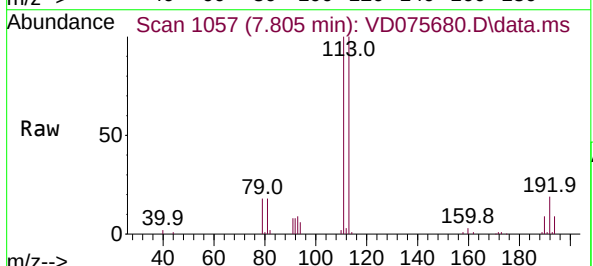
Tgt Ion:113 Resp: 114447

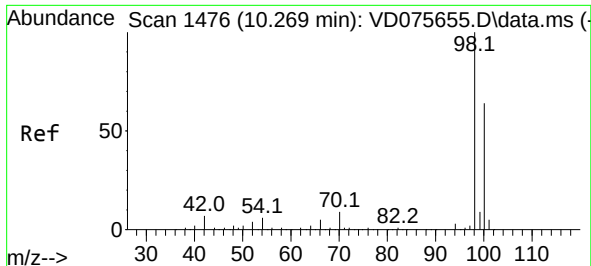
Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

192 19.0 15.2 22.8

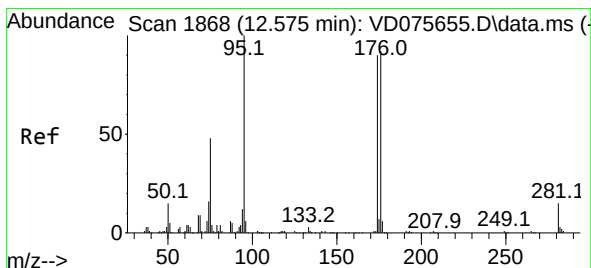
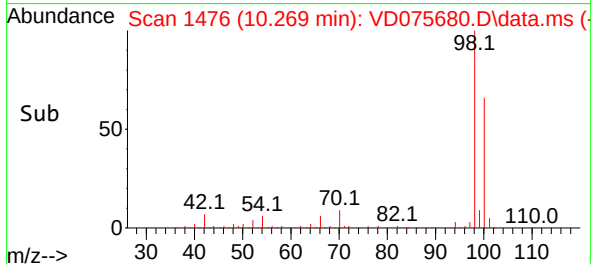
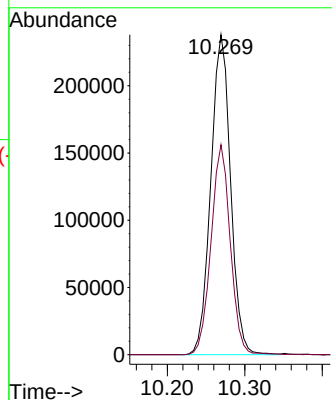
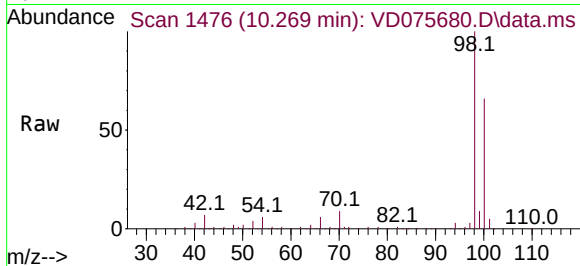




#50
Toluene-d8
Concen: 48.768 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

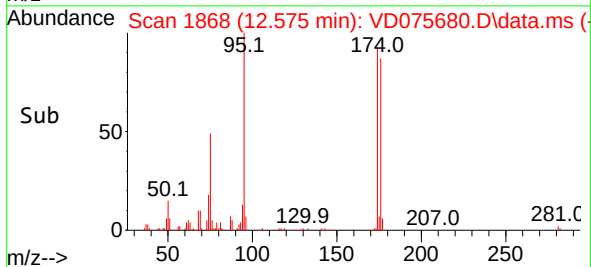
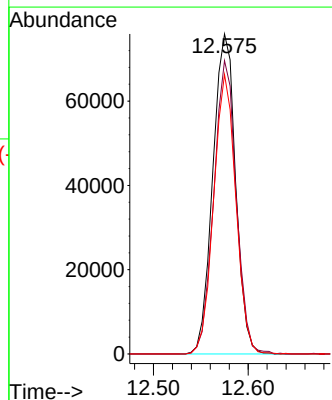
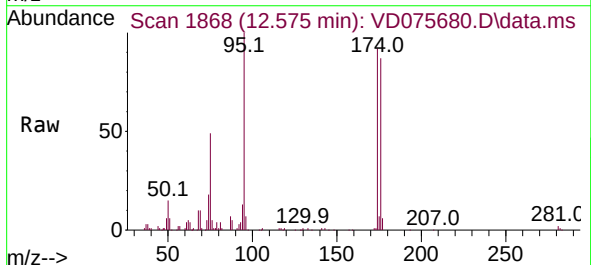
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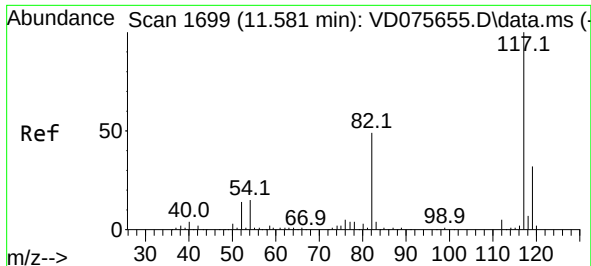
Tgt Ion: 98 Resp: 422553
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.026 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion: 95 Resp: 126725
Ion Ratio Lower Upper
95 100
174 90.2 0.0 164.0
176 85.2 0.0 156.8

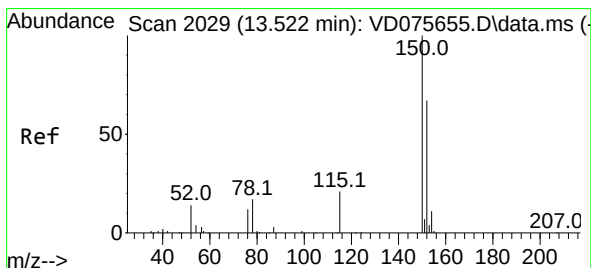
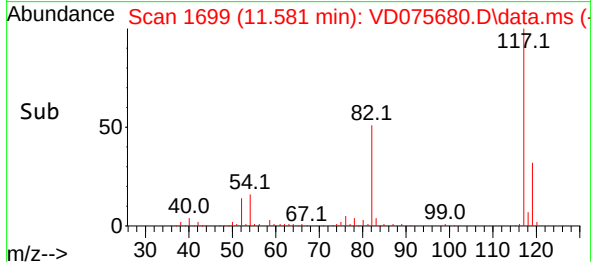
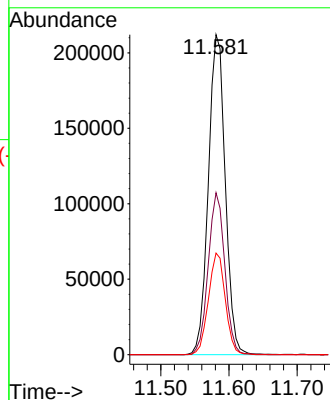
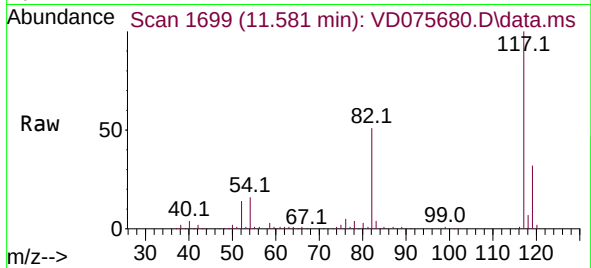




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tgt Ion:117 Resp: 366156
Ion Ratio Lower Upper
117 100
82 50.6 44.0 66.0
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075680.D
Acq: 14 Apr 2023 15:28

Tgt Ion:152 Resp: 119744
Ion Ratio Lower Upper
152 100
115 54.8 30.1 90.3
150 157.7 0.0 364.8

