

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075686.D
 Acq On : 14 Apr 2023 18:32
 Operator : KP/SY
 Sample : 02262-09
 Misc : 11.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-3A-040723

Quant Time: Apr 17 09:13:24 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	7.869	168	117440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	280231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70511	63.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.500%
35) Dibromofluoromethane	7.805	113	105756	56.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.269	98	380068	50.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.575	95	100345	50.017	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.040%

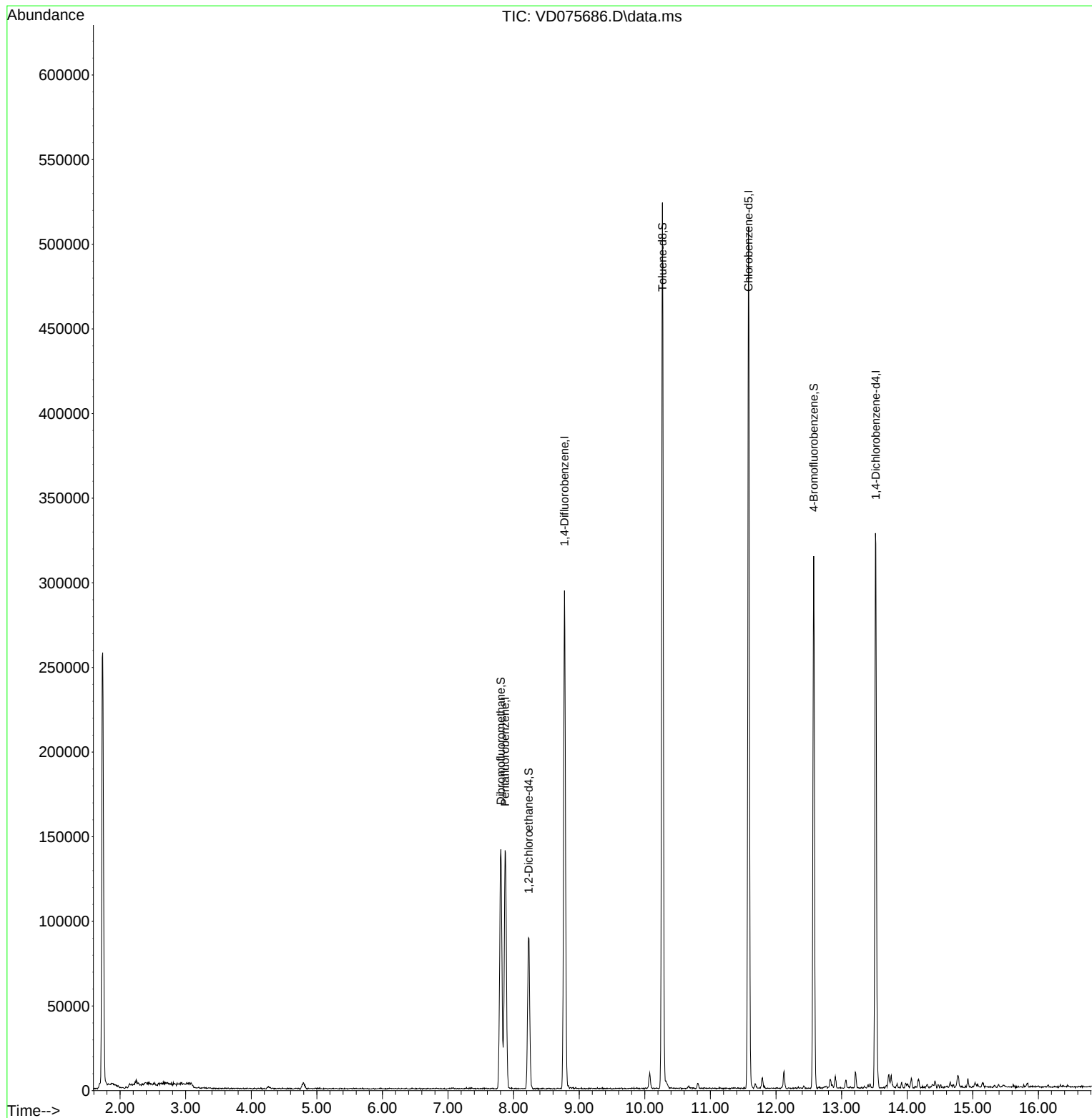
Target Compounds	Qvalue

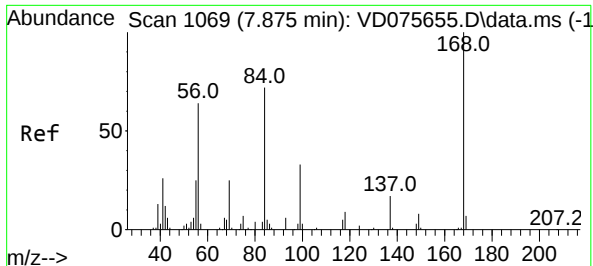
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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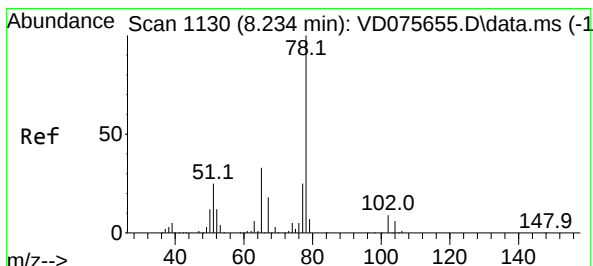
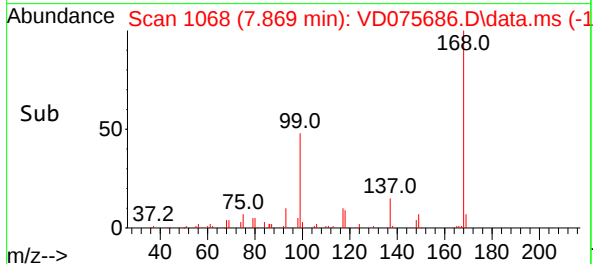
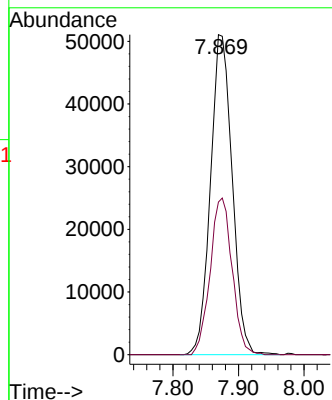
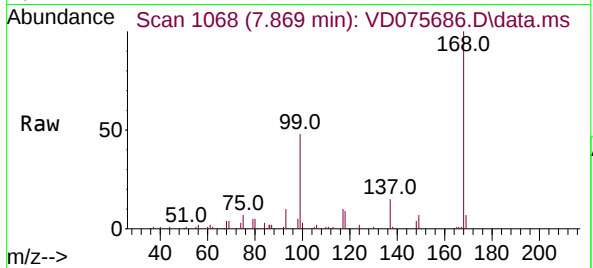




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

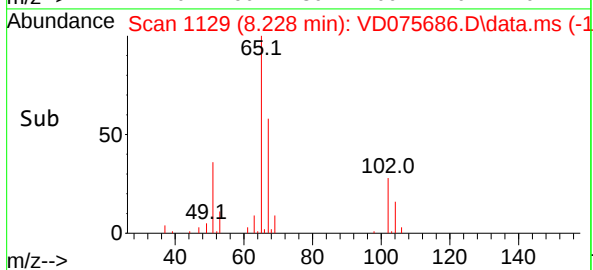
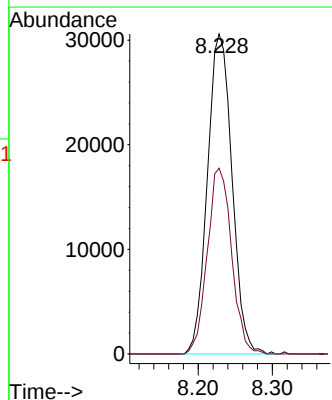
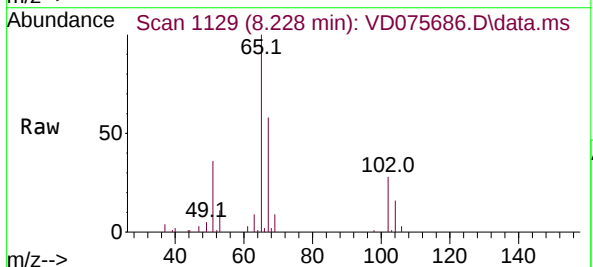
Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

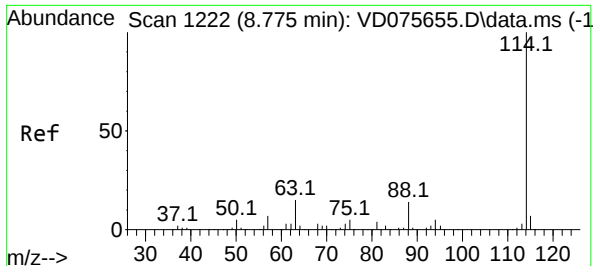
Tgt Ion:168 Resp: 117440
Ion Ratio Lower Upper
168 100
99 47.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 63.254 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 65 Resp: 70511
Ion Ratio Lower Upper
65 100
67 57.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075686.D

Acq: 14 Apr 2023 18:32

Instrument :

MSVOA_D

ClientSampleId :

JPP-3A-040723

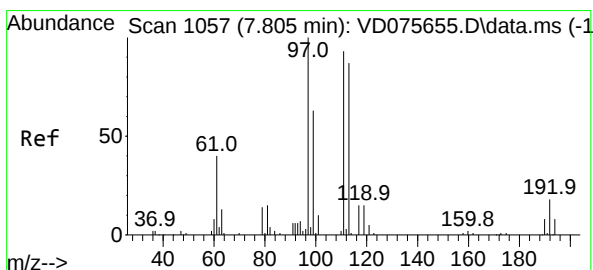
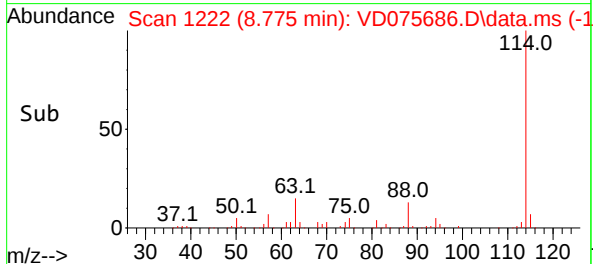
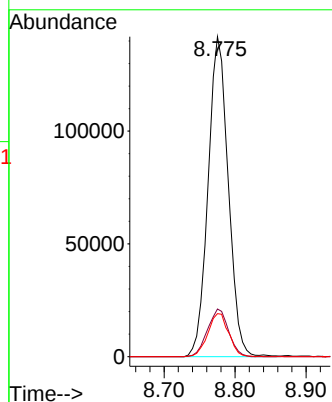
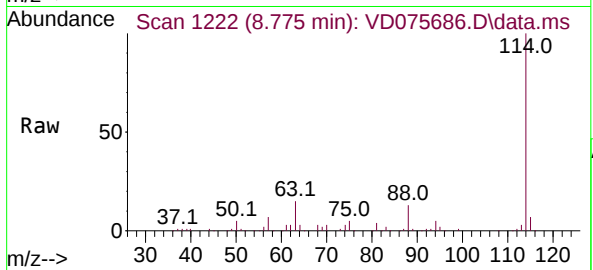
Tgt Ion:114 Resp: 280231

Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 13.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.109 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075686.D

Acq: 14 Apr 2023 18:32

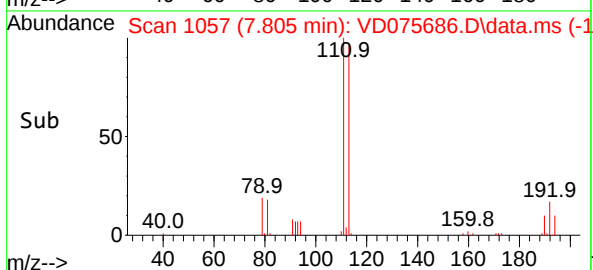
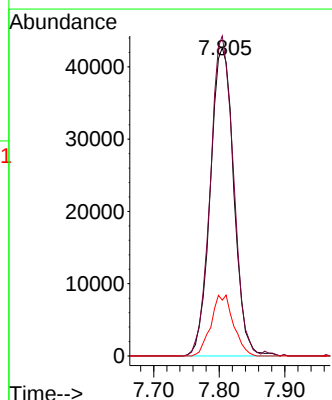
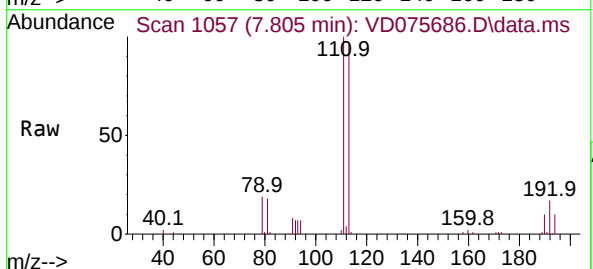
Tgt Ion:113 Resp: 105756

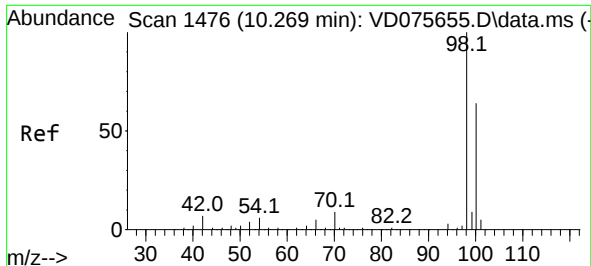
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 19.0 15.2 22.8

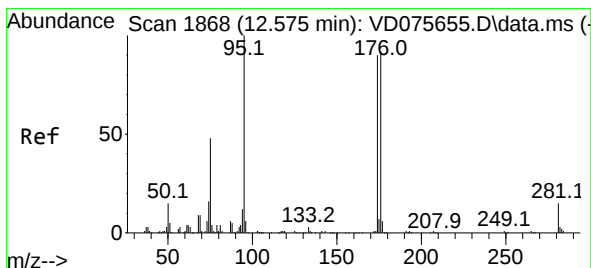
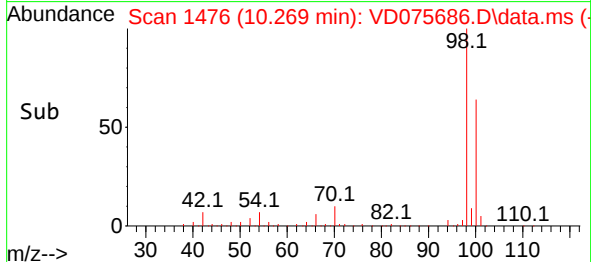
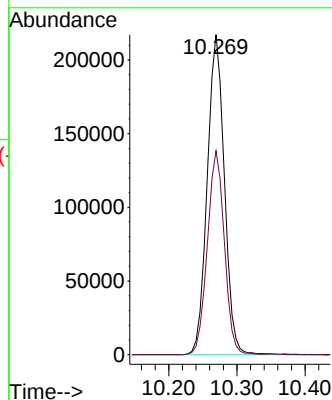
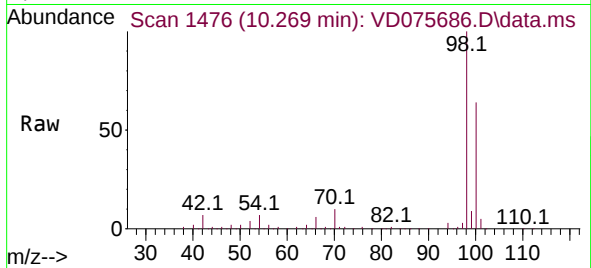




#50
Toluene-d8
Concen: 50.354 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

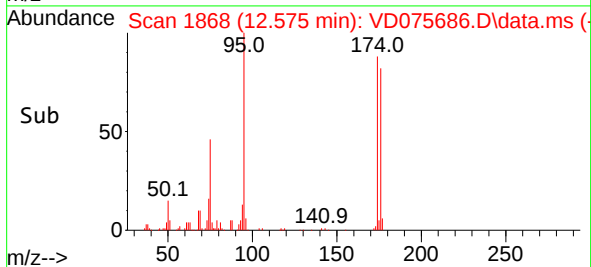
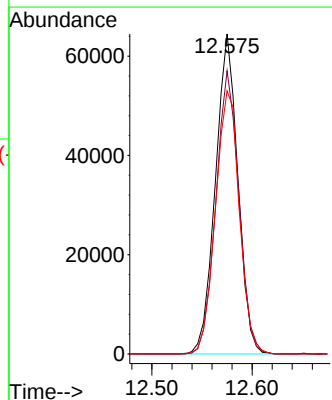
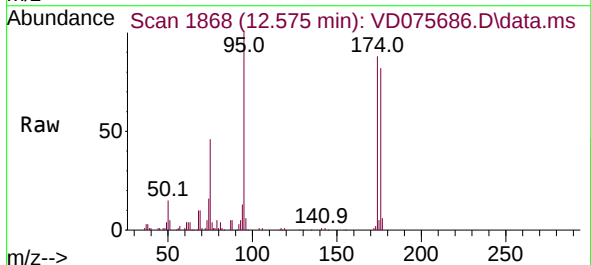
Instrument :
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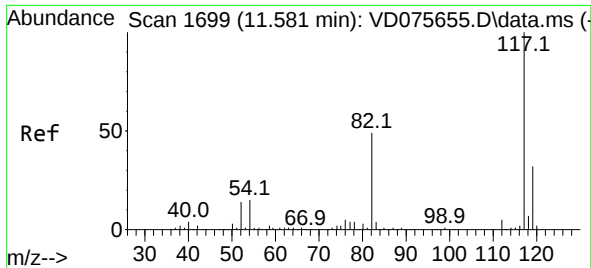
Tgt Ion: 98 Resp: 380068
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.017 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion: 95 Resp: 100345
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 87.3 0.0 156.8

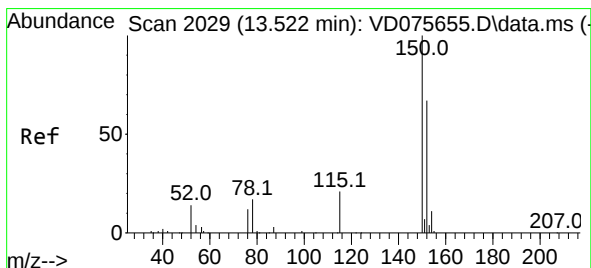
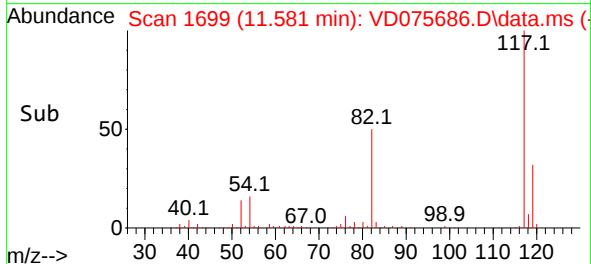
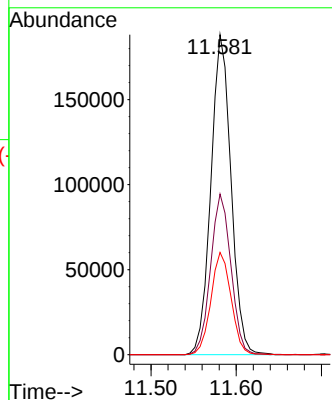
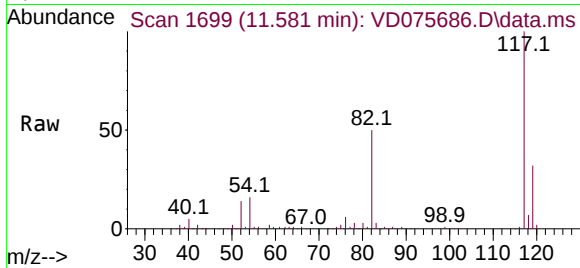




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075686.D
Acq: 14 Apr 2023 18:32

Instrument :
MSVOA_D
ClientSampleId :
JPP-3A-040723

Tgt Ion:117 Resp: 309006
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.0 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: VD075686.D
Acq: 14 Apr 2023 18:32

Tgt Ion:152 Resp: 93996
Ion Ratio Lower Upper
152 100
115 57.2 30.1 90.3
150 161.1 0.0 364.8

