

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075274.D
 Acq On : 08 Feb 2023 16:21
 Operator : KP/SY
 Sample : 01445-05
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-29-020323

Quant Time: Feb 09 05:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	29435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	57190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	62133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	29200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	23691	68.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.280%
35) Dibromofluoromethane	7.805	113	20689	51.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.180%
50) Toluene-d8	10.269	98	72614	47.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.575	95	25831	51.512	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.020%

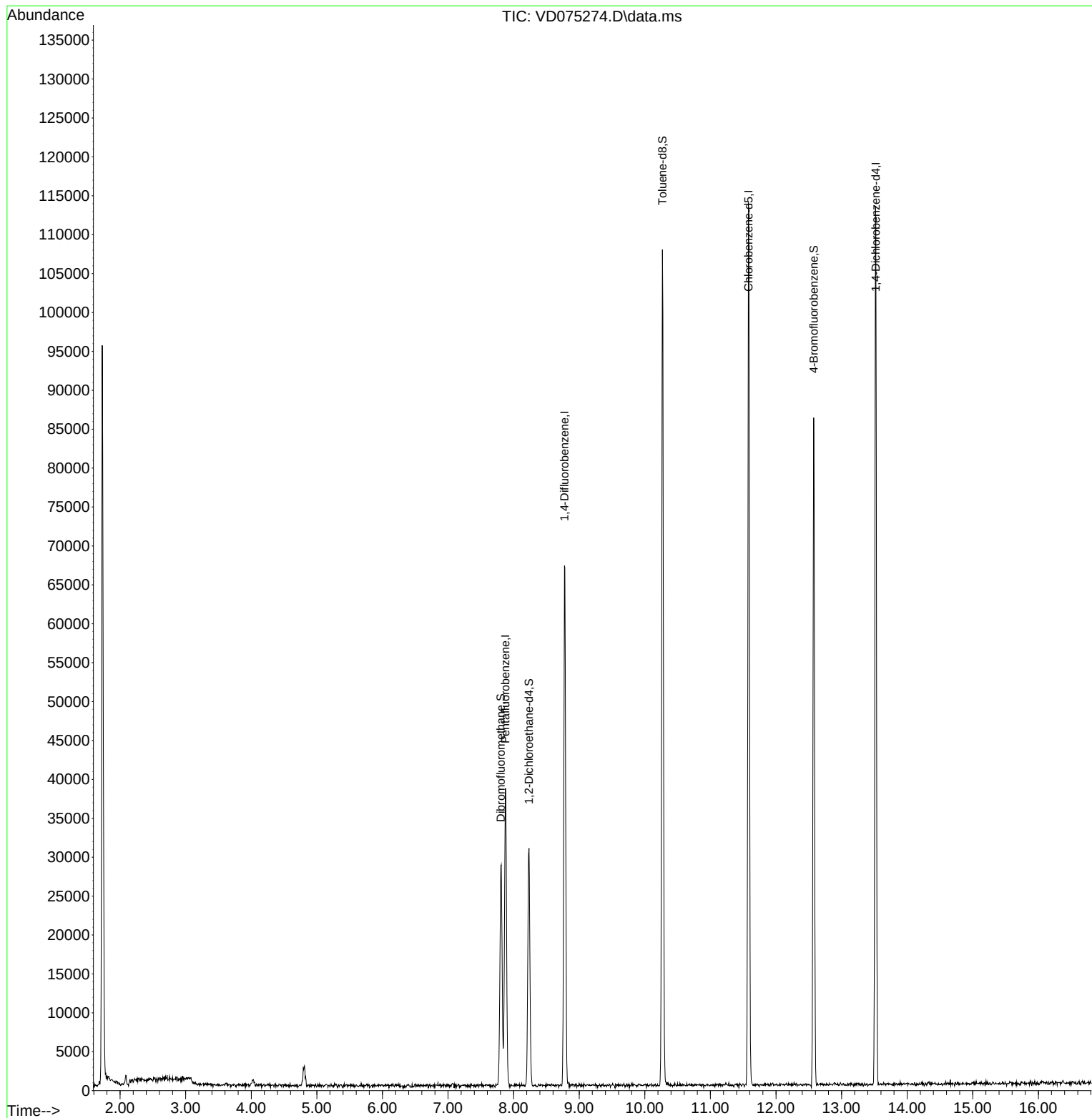
Target Compounds	Qvalue

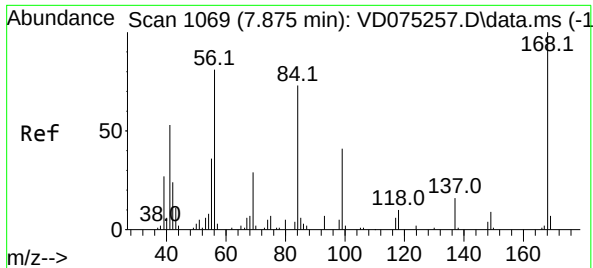
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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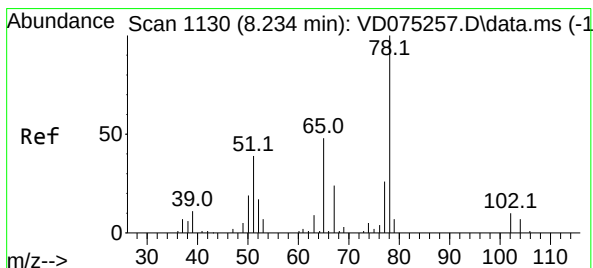
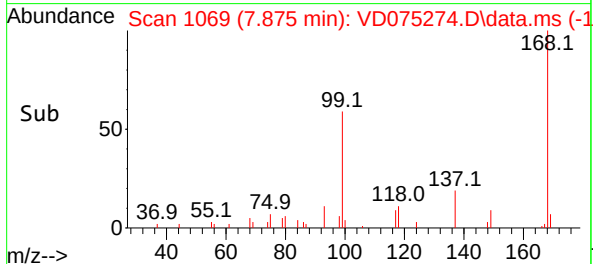
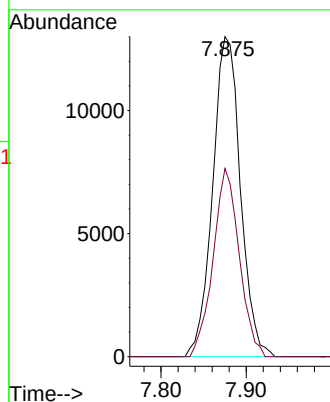
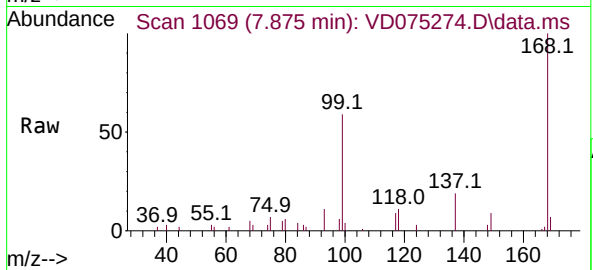




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

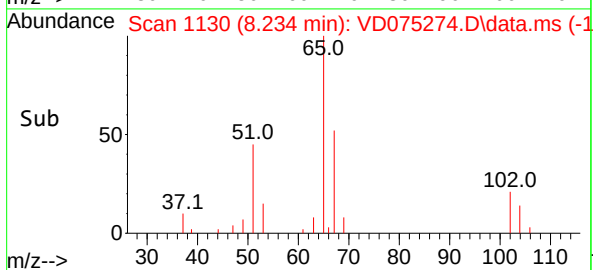
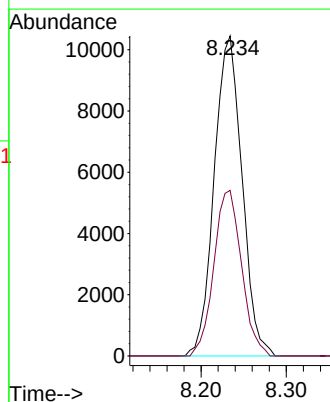
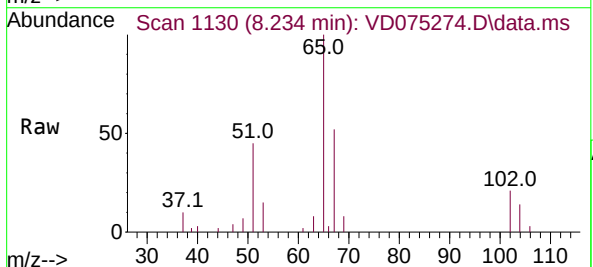
Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

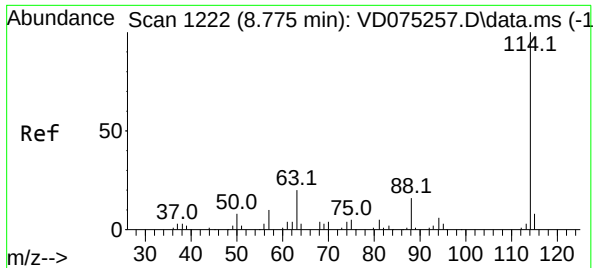
Tgt Ion:168 Resp: 29435
Ion Ratio Lower Upper
168 100
99 58.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 68.640 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 65 Resp: 23691
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075274.D

Acq: 08 Feb 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

JPP-29-020323

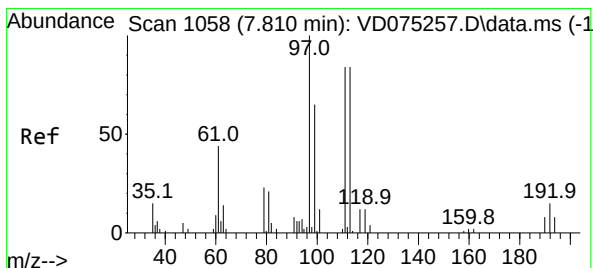
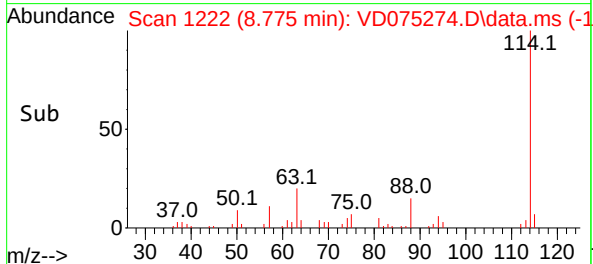
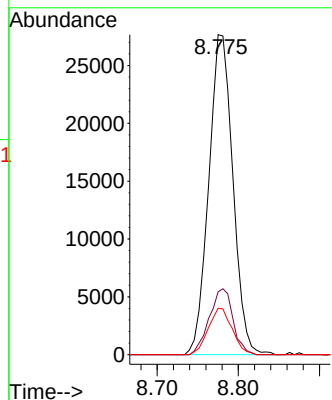
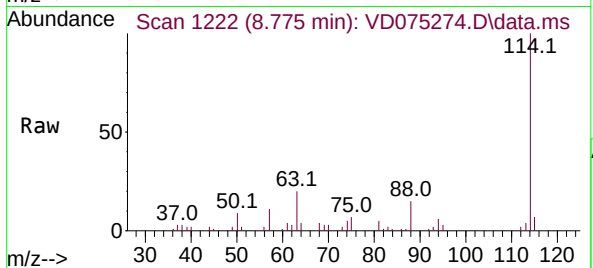
Tgt Ion:114 Resp: 57190

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.592 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075274.D

Acq: 08 Feb 2023 16:21

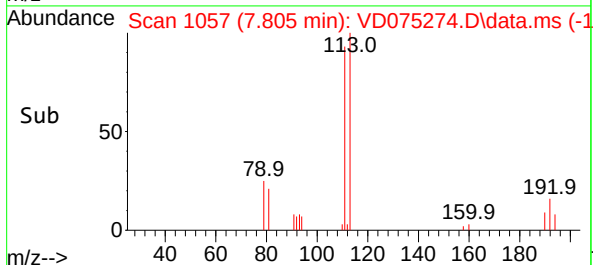
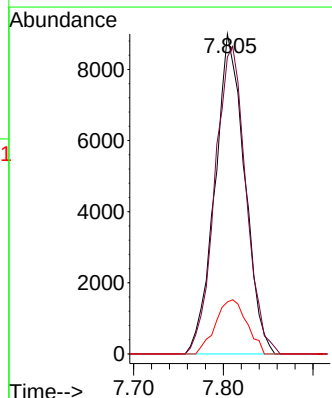
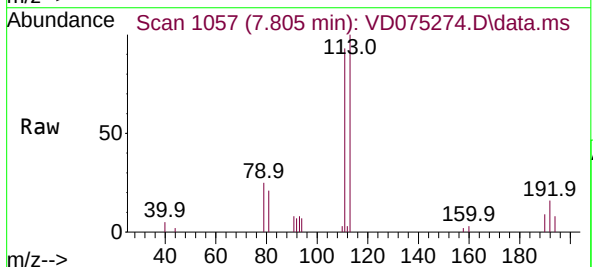
Tgt Ion:113 Resp: 20689

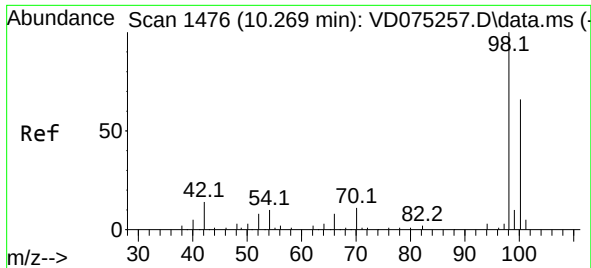
Ion Ratio Lower Upper

113 100

111 100.1 80.1 120.1

192 17.8 15.4 23.0

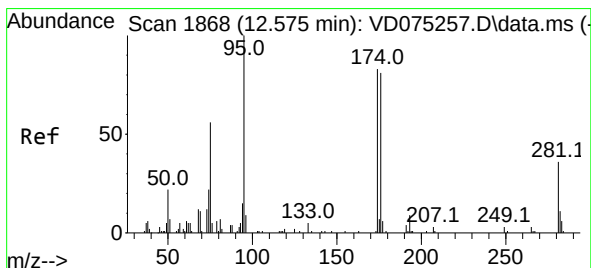
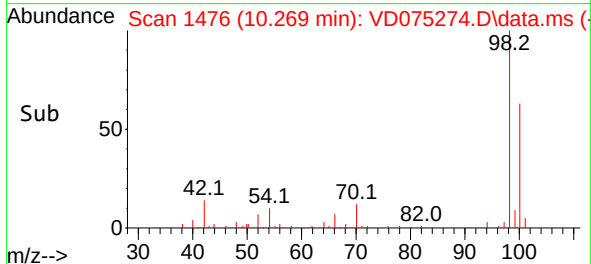
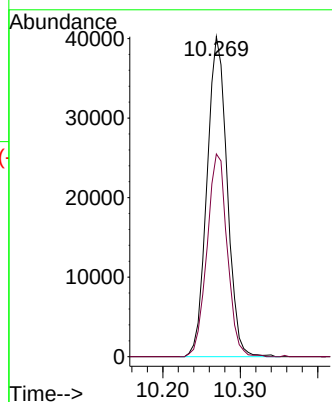
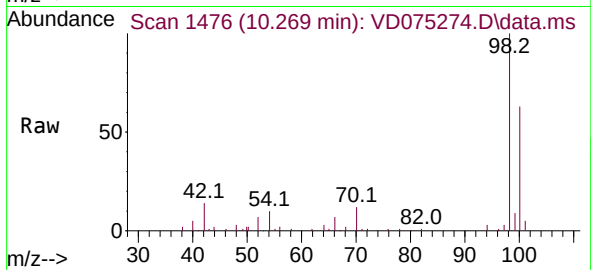




#50
Toluene-d8
Concen: 47.747 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

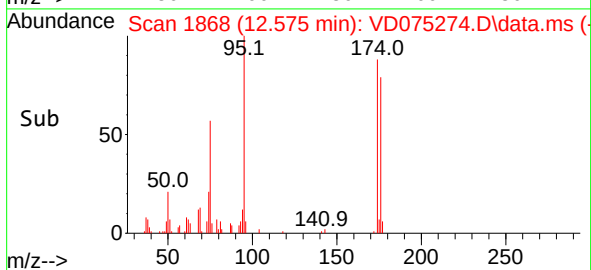
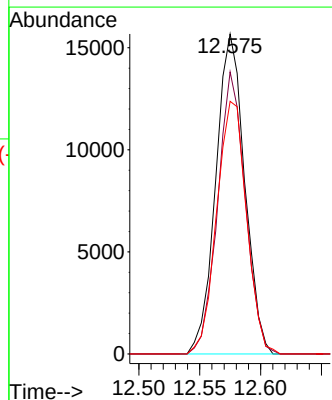
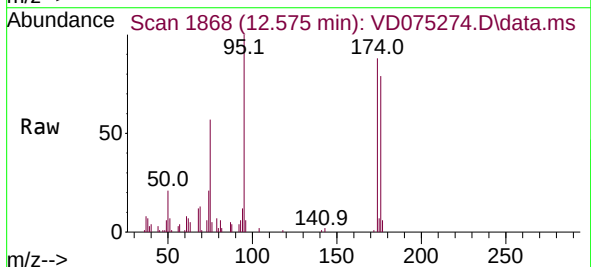
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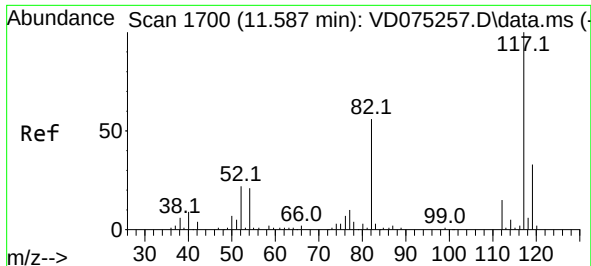
Tgt Ion: 98 Resp: 72614
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion: 95 Resp: 25831
Ion Ratio Lower Upper
95 100
174 84.1 0.0 161.2
176 81.6 0.0 160.2

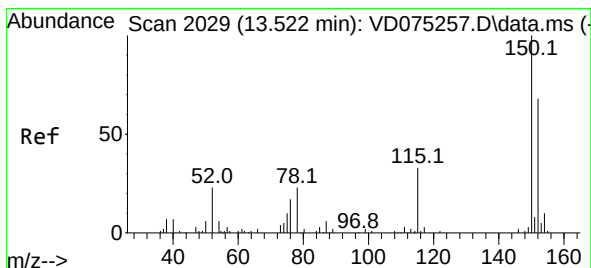
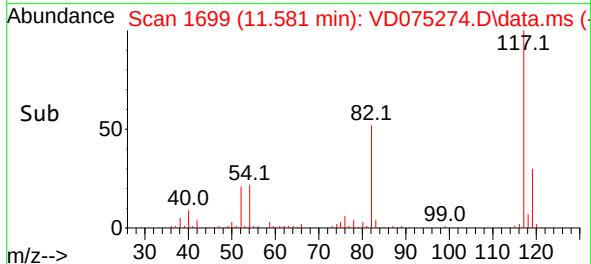
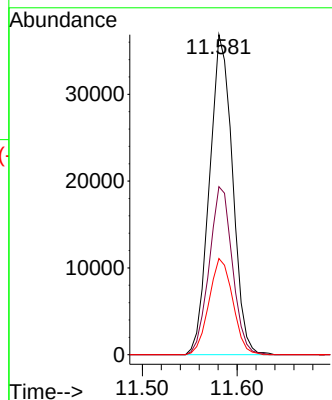
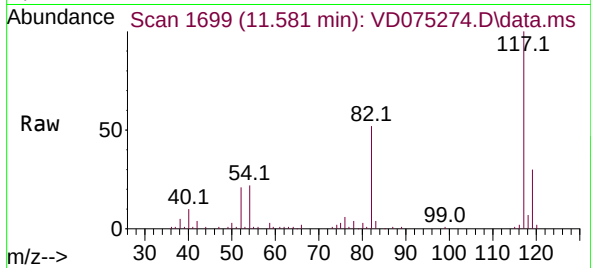




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Instrument :
MSVOA_D
ClientSampleId :
JPP-29-020323

Tgt Ion:117 Resp: 62133
Ion Ratio Lower Upper
117 100
82 52.5 39.6 59.4
119 30.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075274.D
Acq: 08 Feb 2023 16:21

Tgt Ion:152 Resp: 29200
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 160.5 0.0 348.6

