

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075295.D
 Acq On : 09 Feb 2023 15:35
 Operator : KP/SY
 Sample : 01481-09
 Misc : 8.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-46-020723

Quant Time: Feb 10 02:03:19 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	7.881	168	63487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	117517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	114685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	45465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38310	51.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.920%
35) Dibromofluoromethane	7.804	113	37149	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.160%
50) Toluene-d8	10.269	98	143578	45.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.880%
62) 4-Bromofluorobenzene	12.575	95	46317	44.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.900%

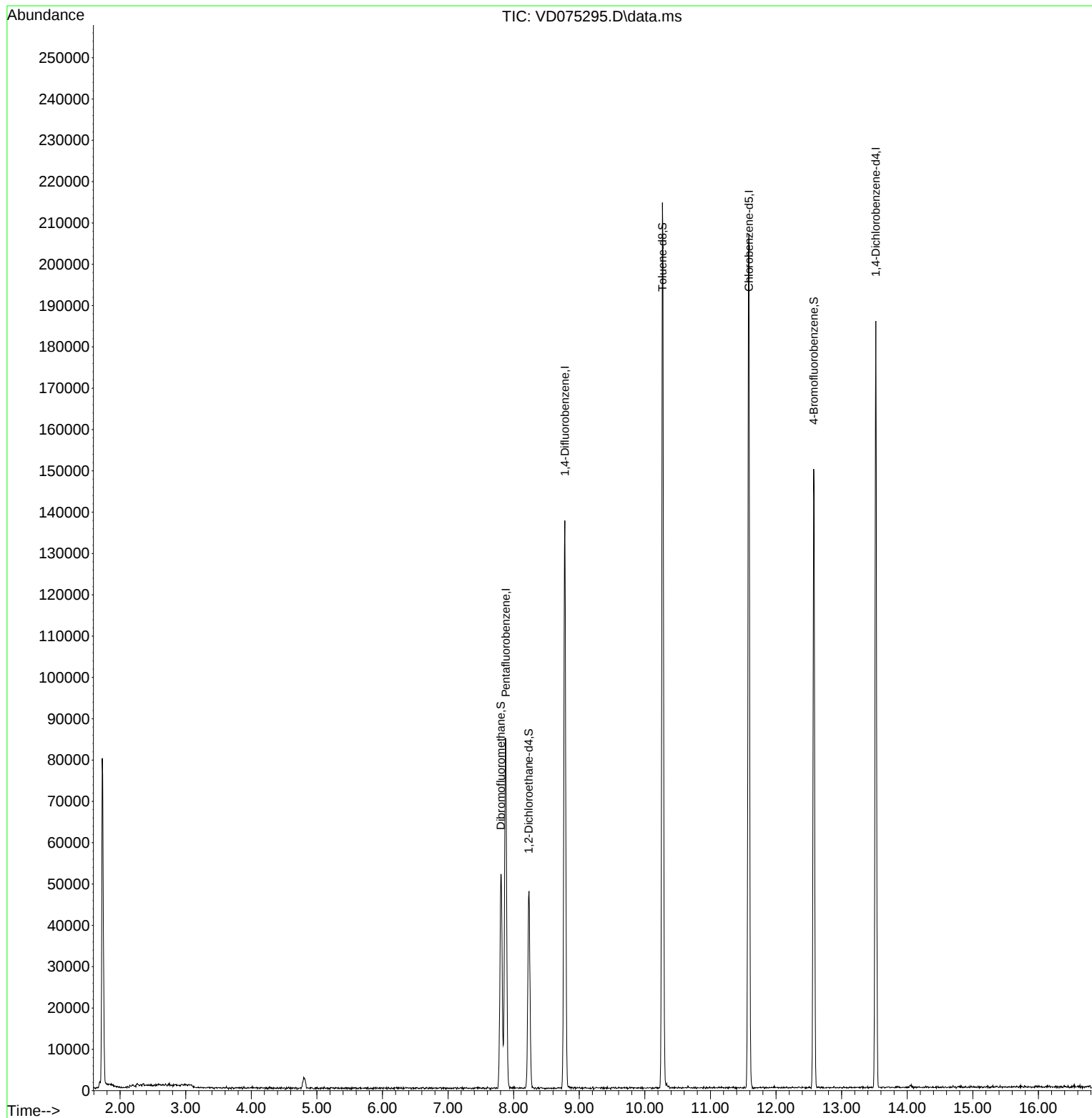
Target Compounds	Qvalue

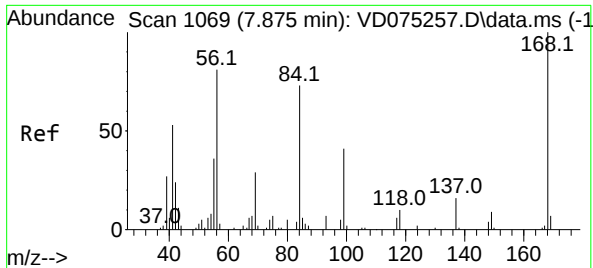
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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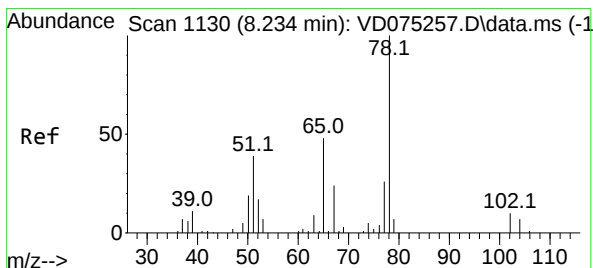
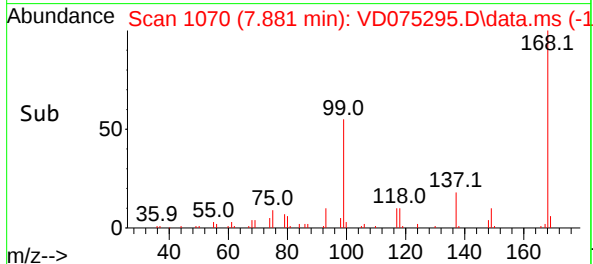
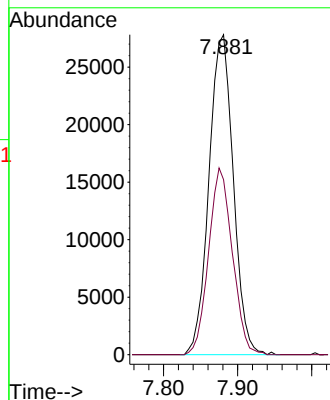
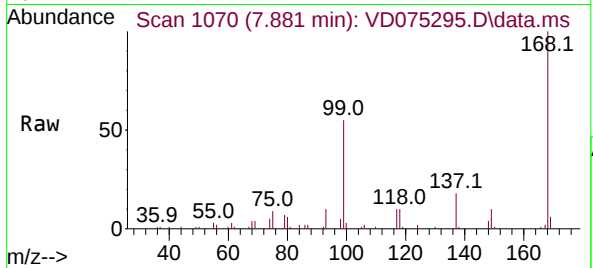




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

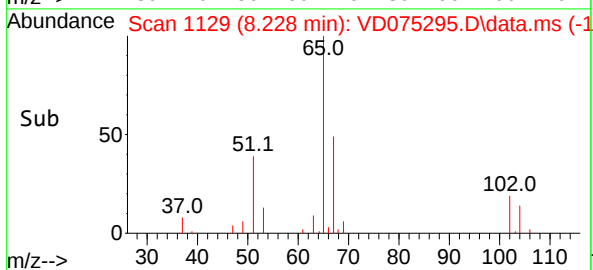
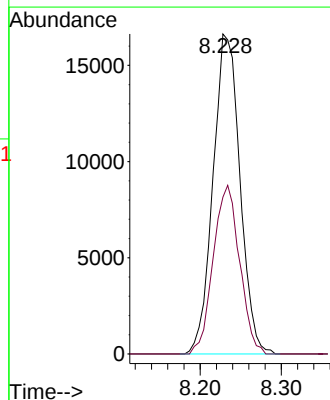
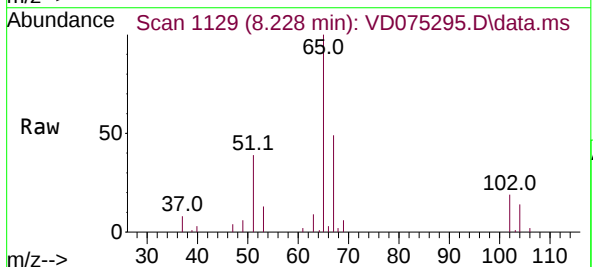
Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723

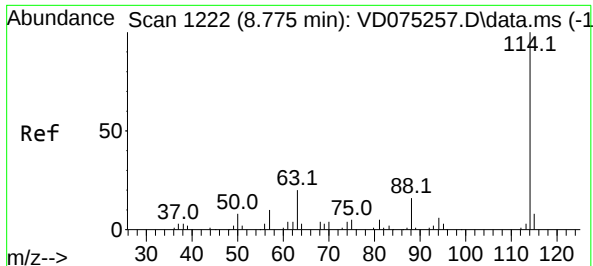
Tgt Ion:168 Resp: 63487
Ion Ratio Lower Upper
168 100
99 54.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 51.462 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion: 65 Resp: 38310
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075295.D

Acq: 09 Feb 2023 15:35

Instrument :

MSVOA_D

ClientSampleId :

JPP-46-020723

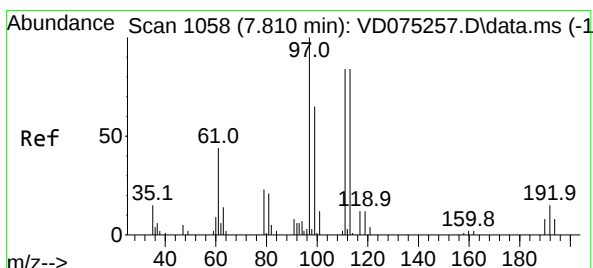
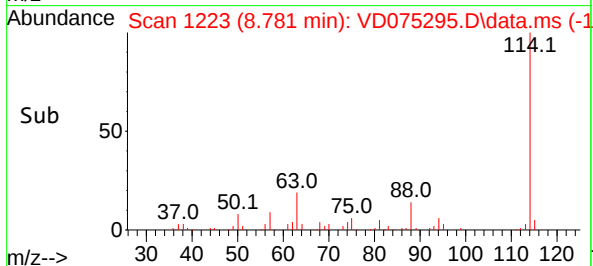
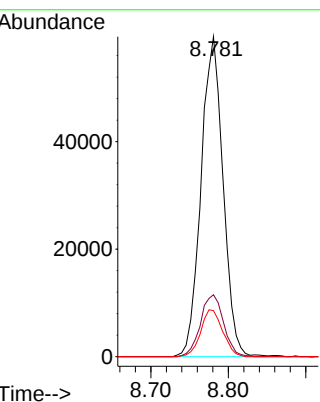
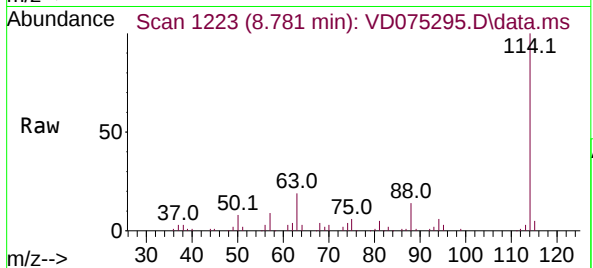
Tgt Ion:114 Resp: 117517

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.082 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075295.D

Acq: 09 Feb 2023 15:35

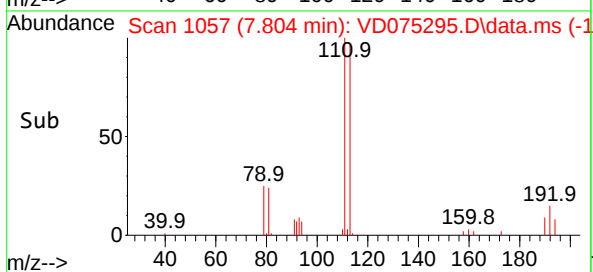
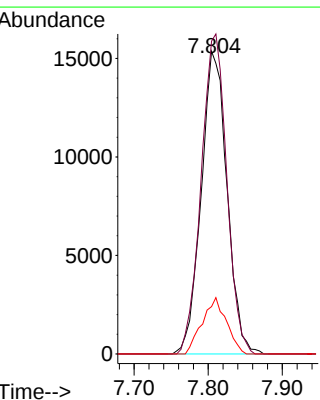
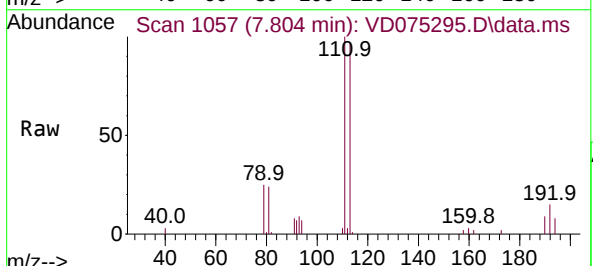
Tgt Ion:113 Resp: 37149

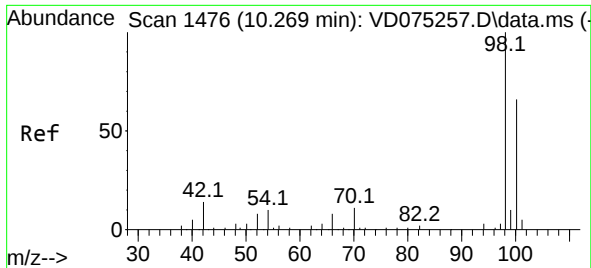
Ion Ratio Lower Upper

113 100

111 104.7 80.1 120.1

192 17.5 15.4 23.0

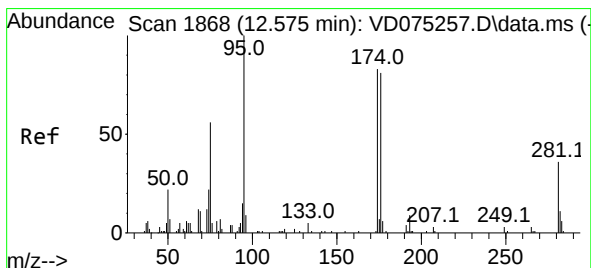
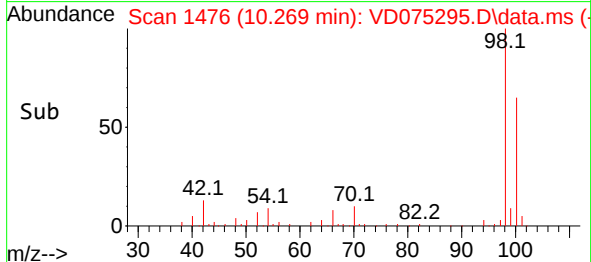
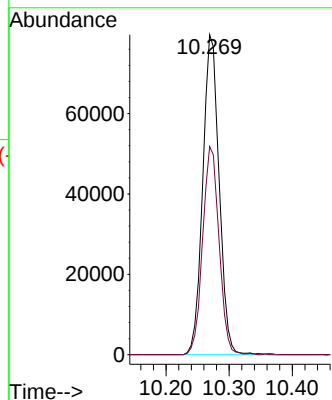
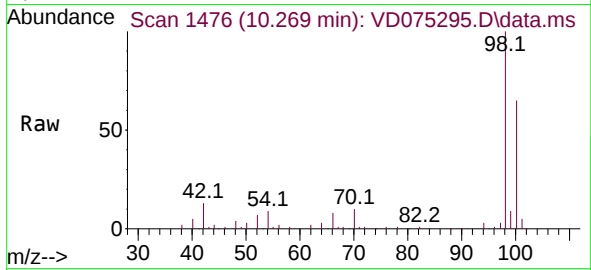




#50
Toluene-d8
Concen: 45.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

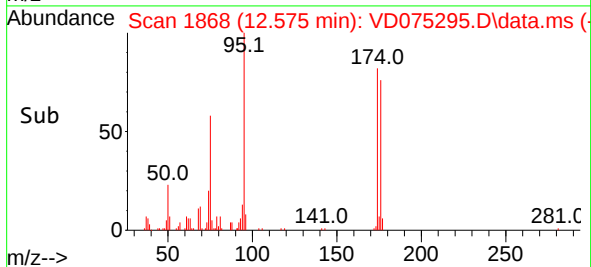
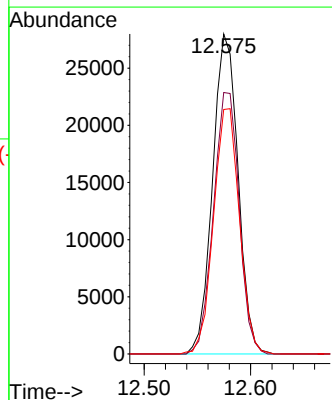
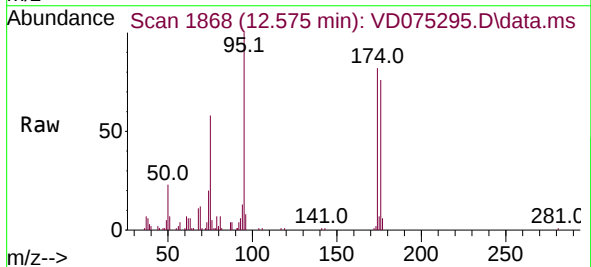
Instrument :
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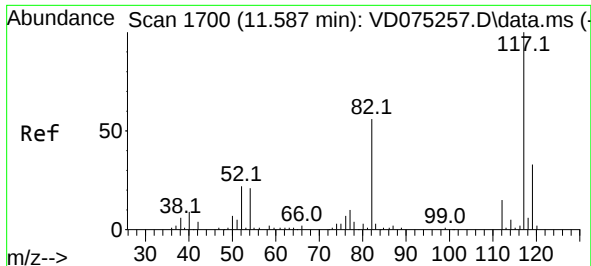
Tgt Ion: 98 Resp: 143578
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.949 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion: 95 Resp: 46317
Ion Ratio Lower Upper
95 100
174 82.4 0.0 161.2
176 78.1 0.0 160.2

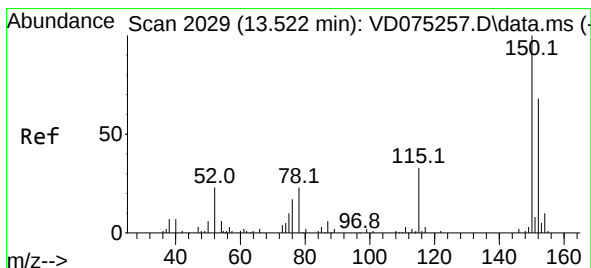
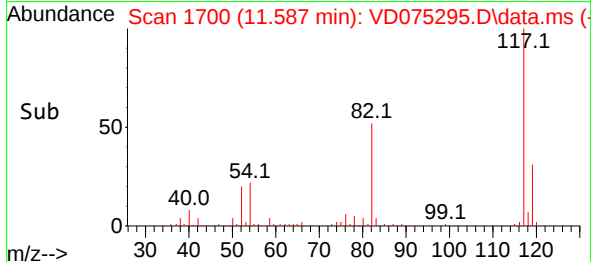
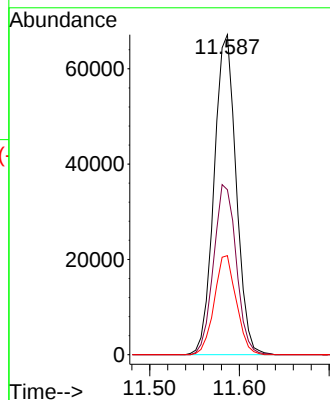
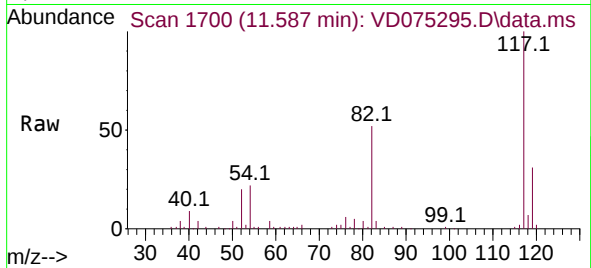




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075295.D
Acq: 09 Feb 2023 15:35

Instrument :
MSVOA_D
ClientSampleId :
JPP-46-020723

Tgt Ion:117 Resp: 114685
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 30.9 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: VD075295.D
Acq: 09 Feb 2023 15:35

Tgt Ion:152 Resp: 45465
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 162.3 0.0 348.6

