

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075292.D
 Acq On : 09 Feb 2023 14:11
 Operator : KP/SY
 Sample : 01510-13
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-59-020823

Quant Time: Feb 10 02:02:05 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	64631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	120060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	118603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38661	51.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.020%
35) Dibromofluoromethane	7.810	113	40701	48.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.269	98	153339	48.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.575	95	47112	44.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.500%

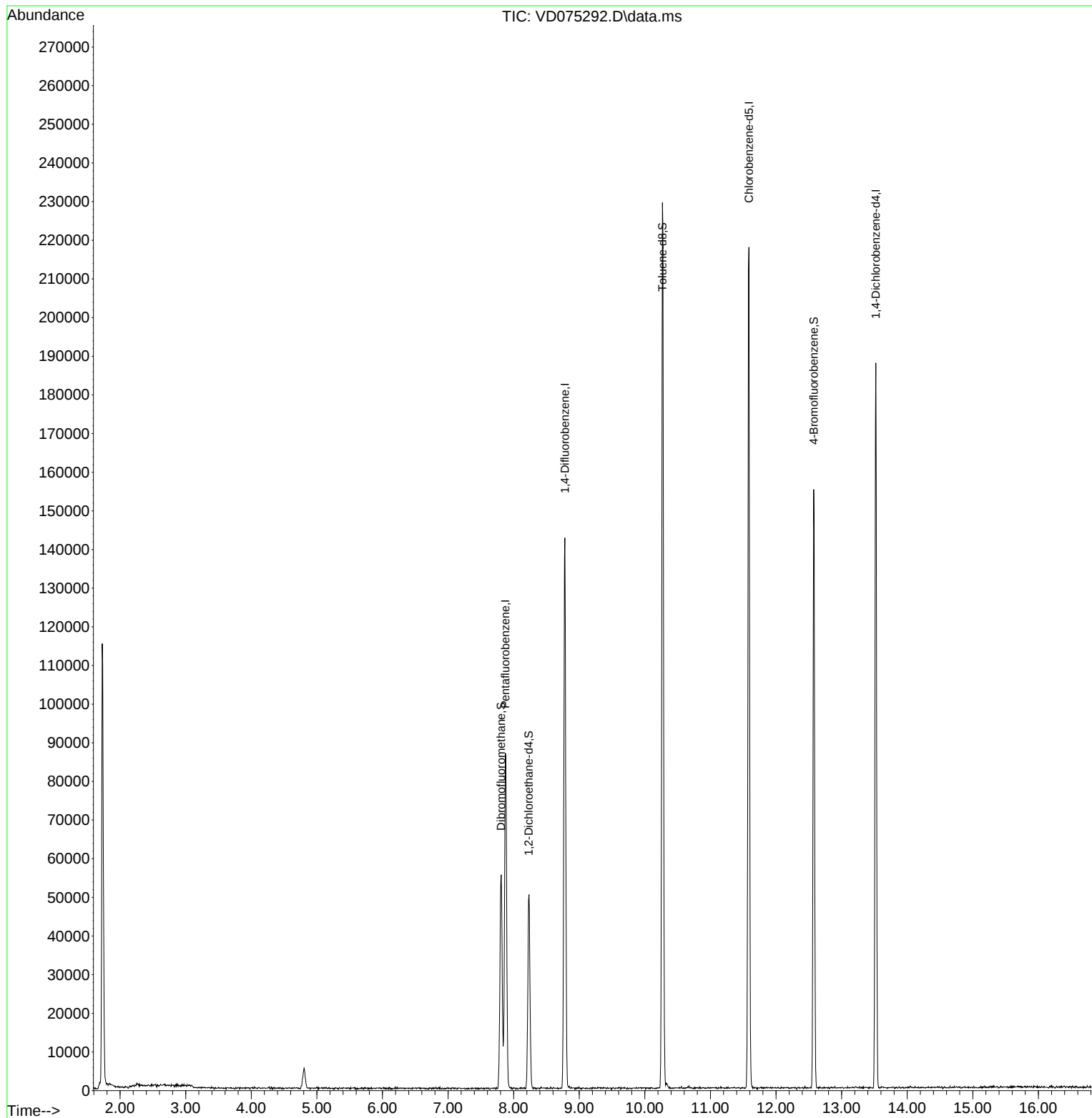
Target Compounds	Qvalue

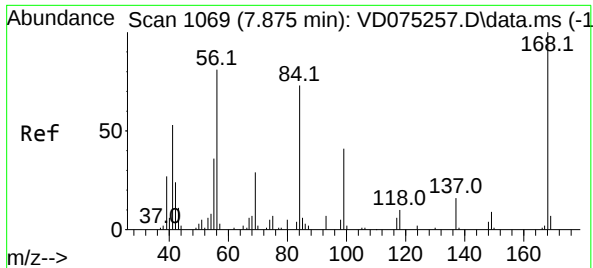
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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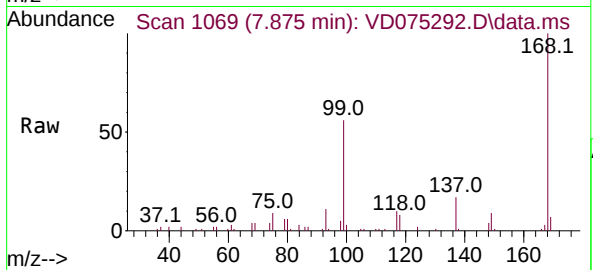
Quant Time: Feb 10 02:02:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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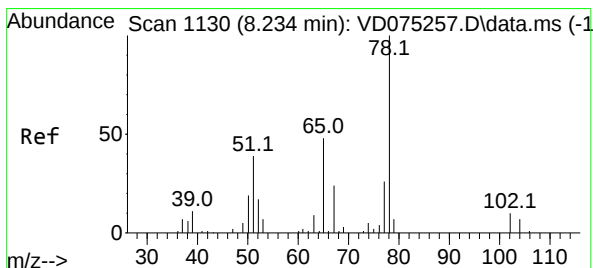
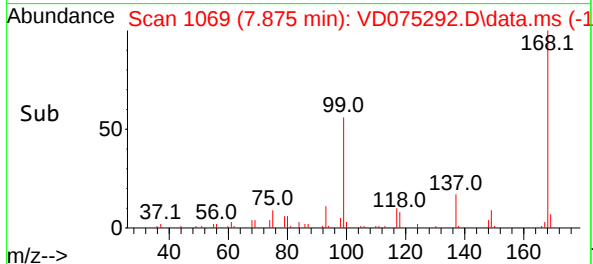
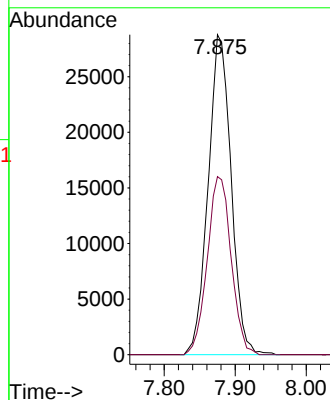


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
JPP-59-020823

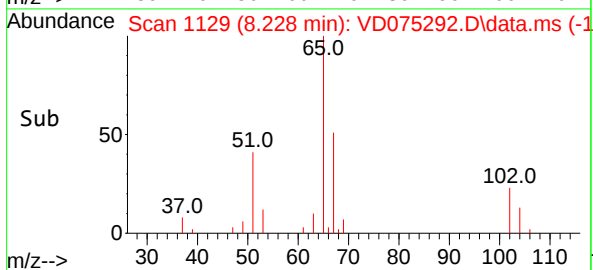
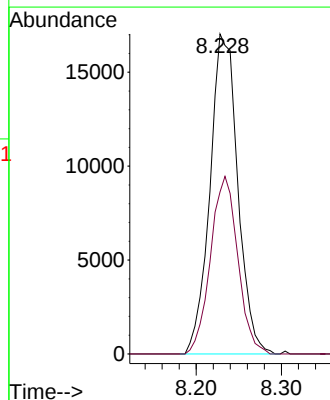
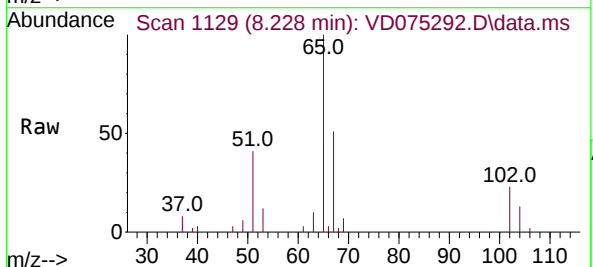


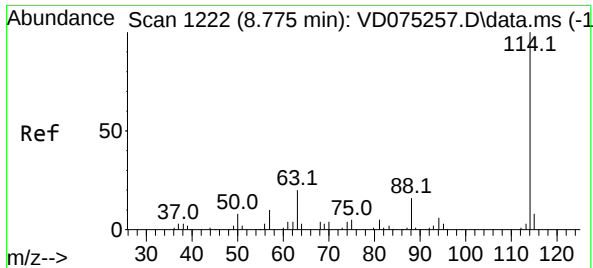
Tgt Ion:168 Resp: 64631
Ion Ratio Lower Upper
168 100
99 55.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 51.014 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion: 65 Resp: 38661
Ion Ratio Lower Upper
65 100
67 54.4 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: VD075292.D

Acq: 09 Feb 2023 14:11

Instrument :

MSVOA_D

ClientSampleId :

JPP-59-020823

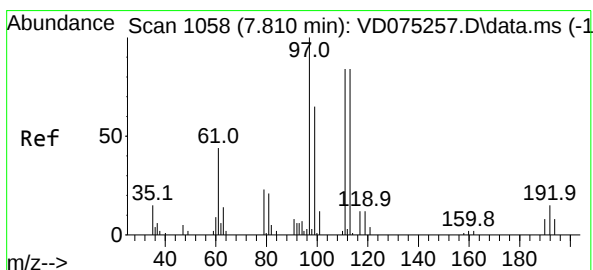
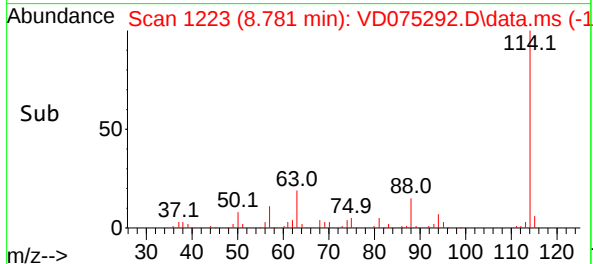
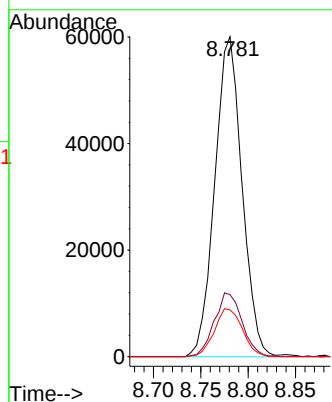
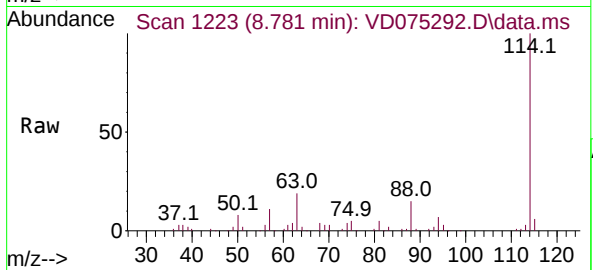
Tgt Ion:114 Resp: 120060

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.347 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075292.D

Acq: 09 Feb 2023 14:11

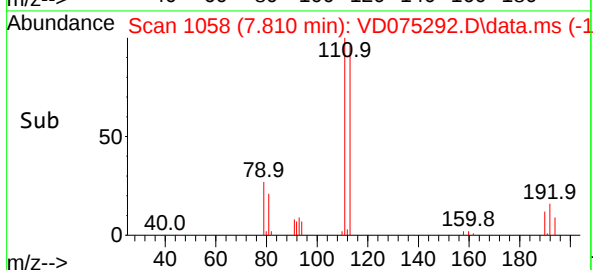
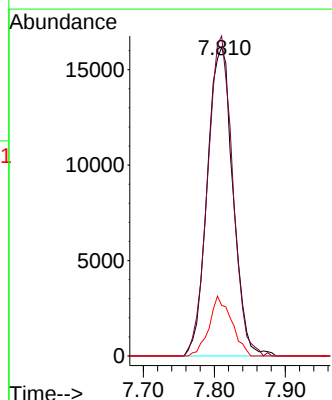
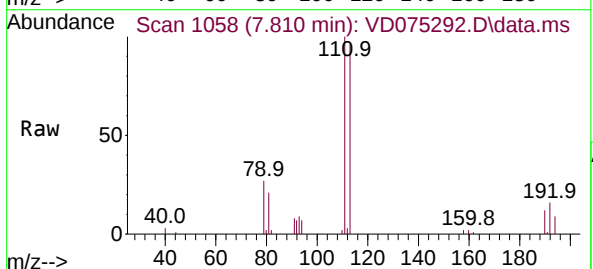
Tgt Ion:113 Resp: 40701

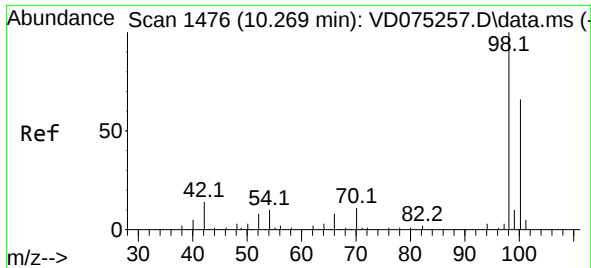
Ion Ratio Lower Upper

113 100

111 100.8 80.1 120.1

192 16.9 15.4 23.0

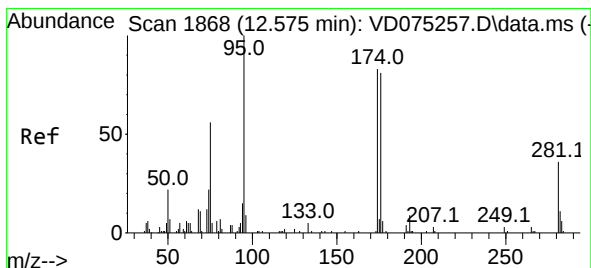
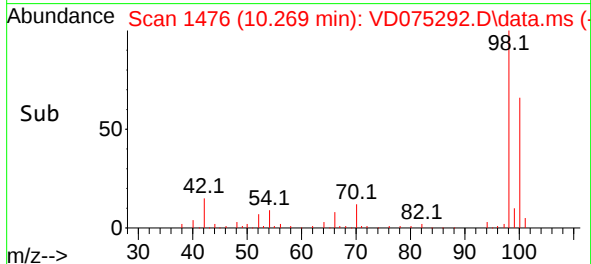
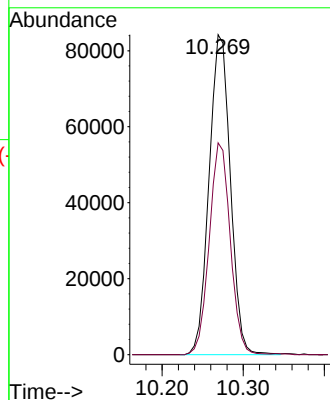
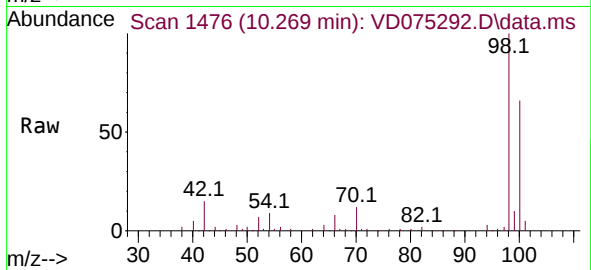




#50
Toluene-d8
Concen: 48.029 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

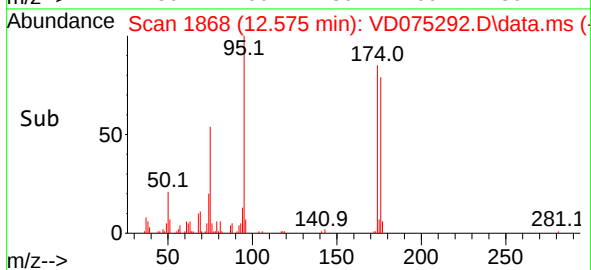
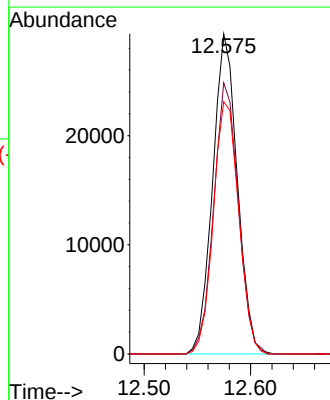
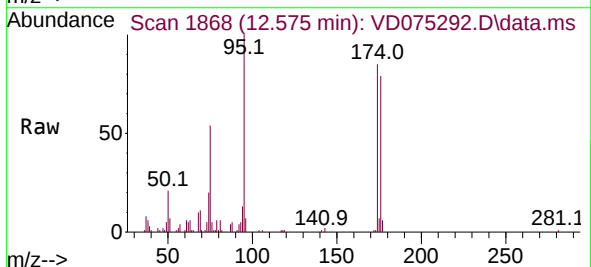
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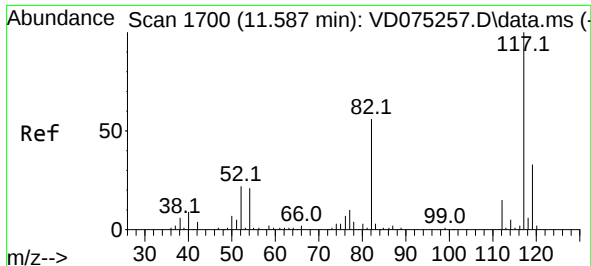
Tgt Ion: 98 Resp: 153339
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion: 95 Resp: 47112
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.2
176 81.2 0.0 160.2

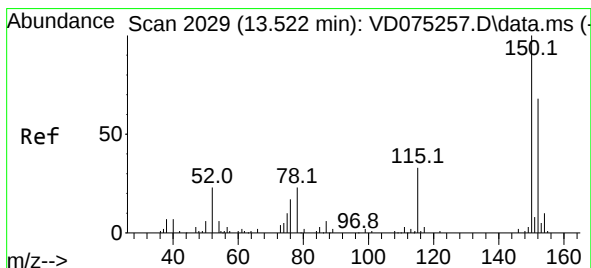
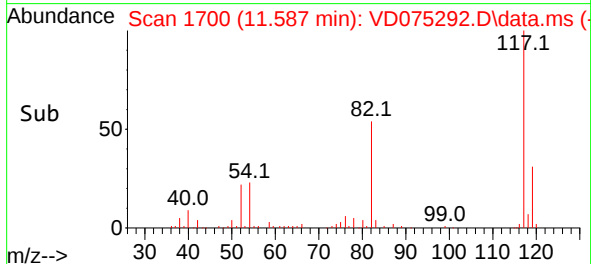
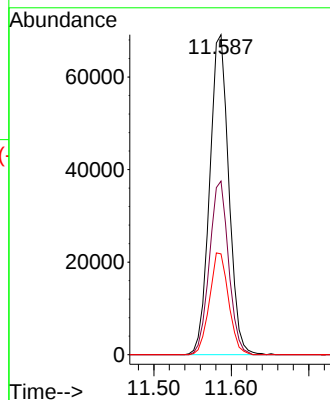
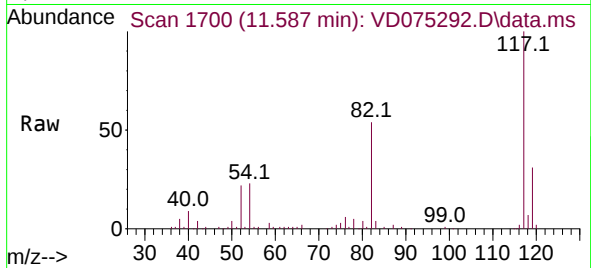




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075292.D
Acq: 09 Feb 2023 14:11

Instrument :
MSVOA_D
ClientSampleId :
JPP-59-020823

Tgt Ion:117 Resp: 118603
Ion Ratio Lower Upper
117 100
82 54.2 39.6 59.4
119 31.5 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: VD075292.D
Acq: 09 Feb 2023 14:11

Tgt Ion:152 Resp: 47293
Ion Ratio Lower Upper
152 100
115 60.4 28.8 86.4
150 159.6 0.0 348.6

