

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041223\
 Data File : VD075646.D
 Acq On : 12 Apr 2023 18:16
 Operator : KP/SY
 Sample : 02262-01
 Misc : 7.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-2-040723

Quant Time: Apr 13 07:30:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 10:29:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	168364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	319212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	285434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102107	73.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.860%
35) Dibromofluoromethane	7.804	113	122048	65.240	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.480%
50) Toluene-d8	10.269	98	391173	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.575	95	98432	45.597	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.200%

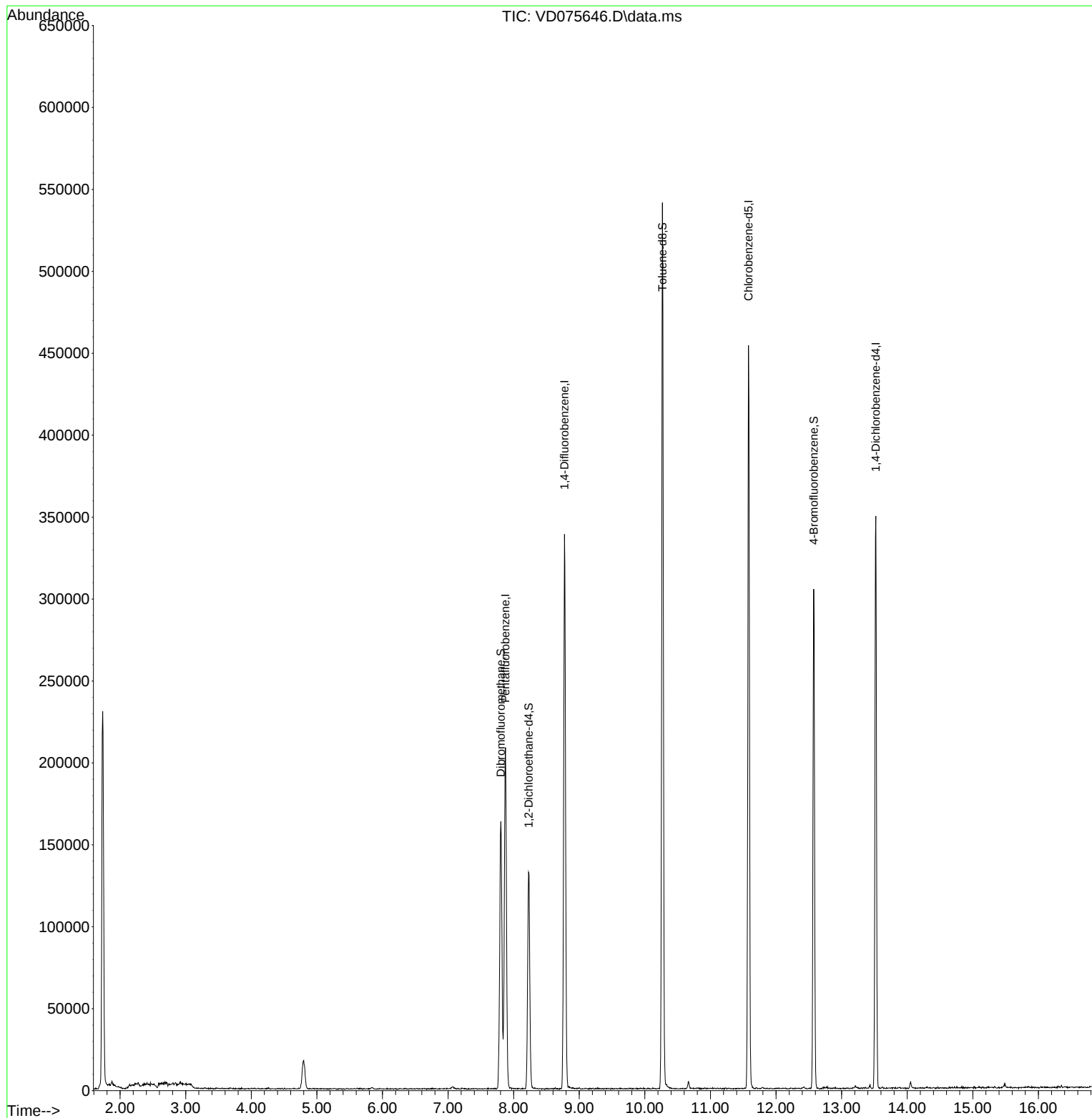
Target Compounds	Qvalue

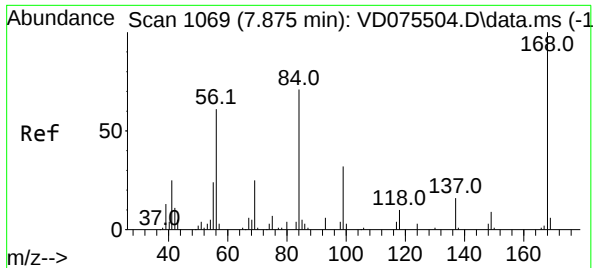
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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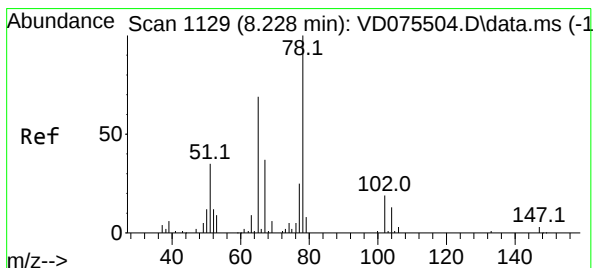
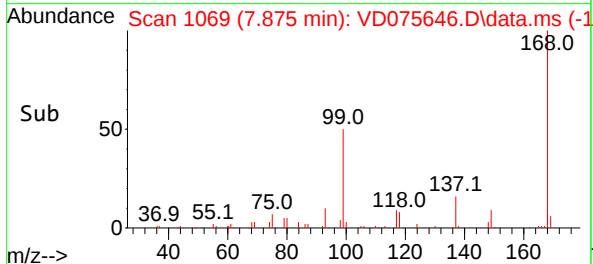
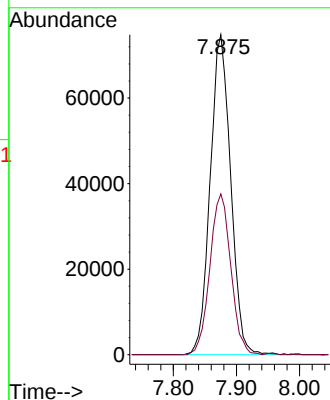
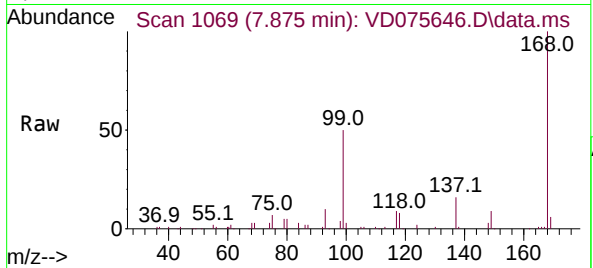




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

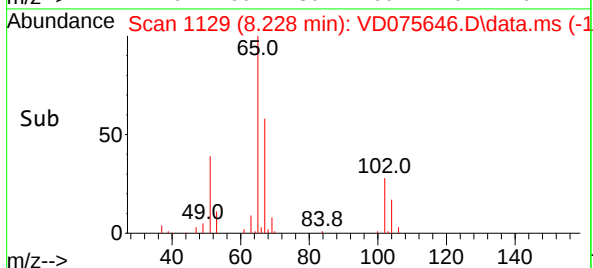
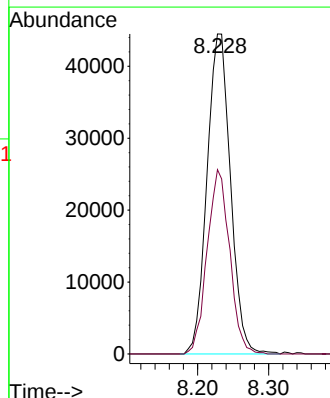
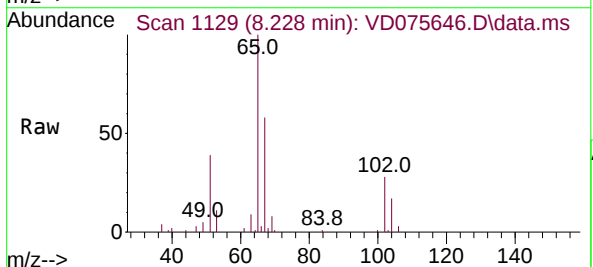
Instrument :
MSVOA_D
ClientSampleId :
JPP-2-040723

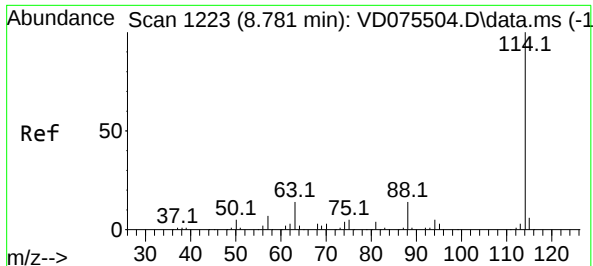
Tgt Ion:168 Resp: 168364
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 73.928 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion: 65 Resp: 102107
Ion Ratio Lower Upper
65 100
67 55.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075646.D

Acq: 12 Apr 2023 18:16

Instrument :

MSVOA_D

ClientSampleId :

JPP-2-040723

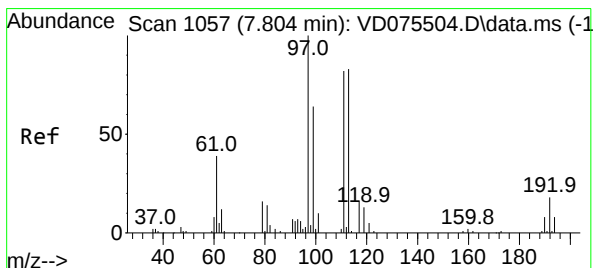
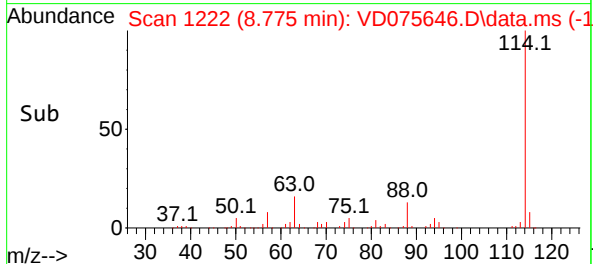
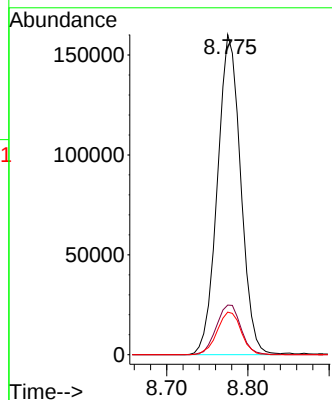
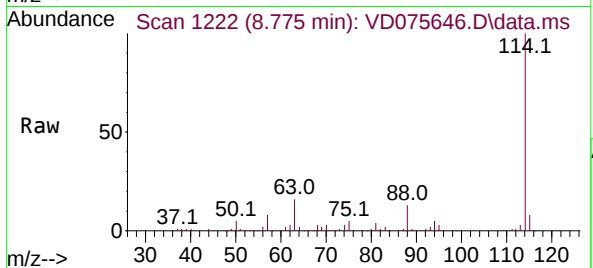
Tgt Ion:114 Resp: 319212

Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 65.240 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075646.D

Acq: 12 Apr 2023 18:16

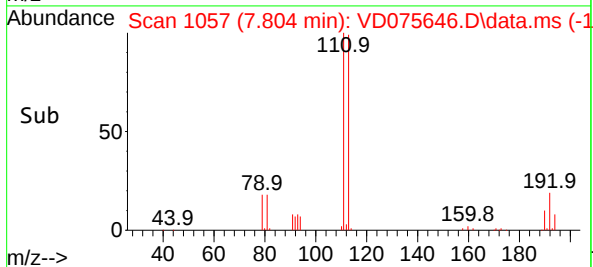
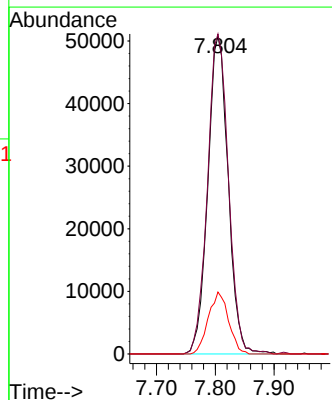
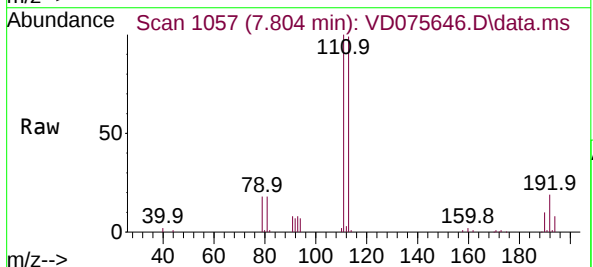
Tgt Ion:113 Resp: 122048

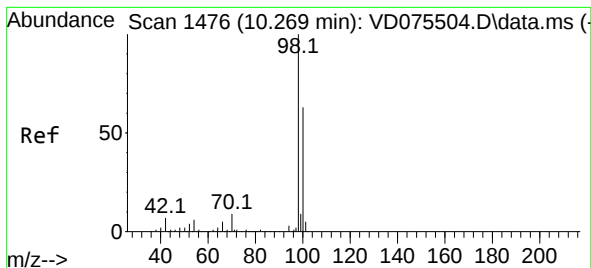
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 19.4 15.2 22.8

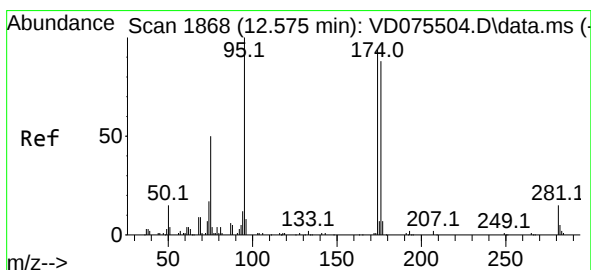
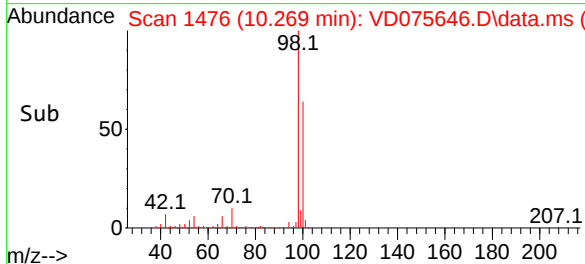
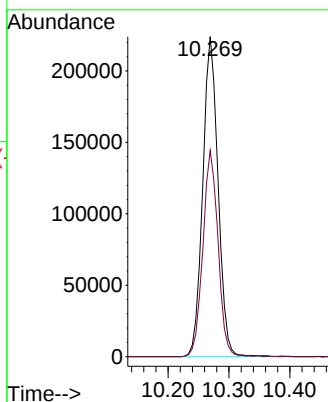
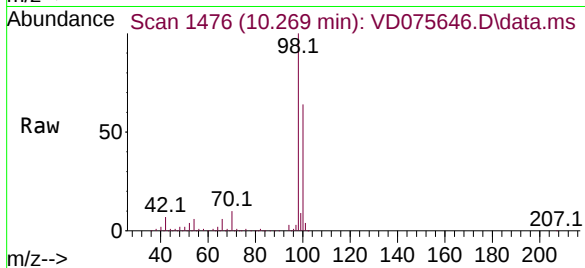




#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

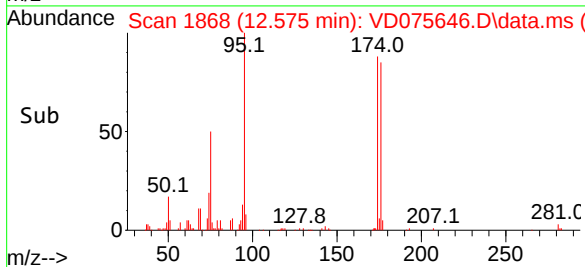
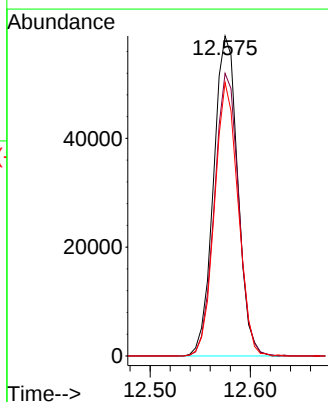
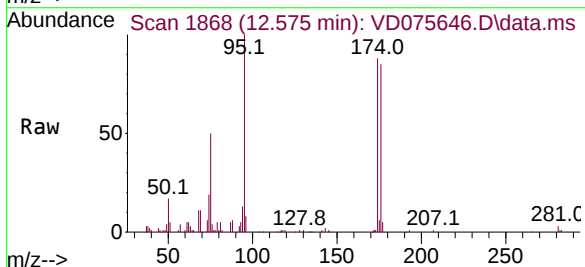
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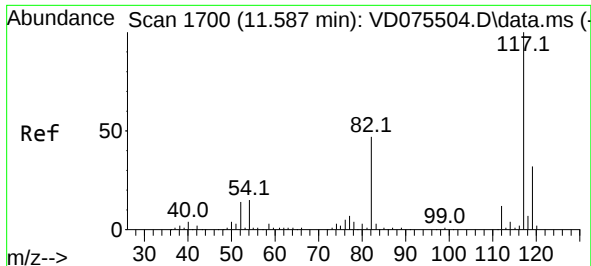
Tgt Ion: 98 Resp: 391173
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.597 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion: 95 Resp: 98432
Ion Ratio Lower Upper
95 100
174 88.3 0.0 164.0
176 83.4 0.0 156.8

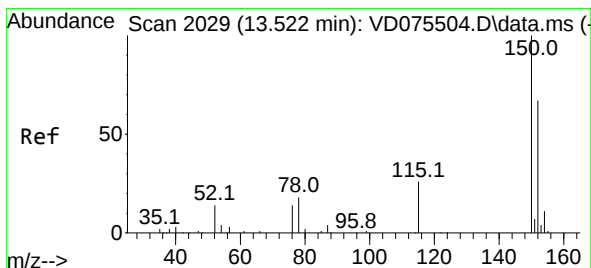
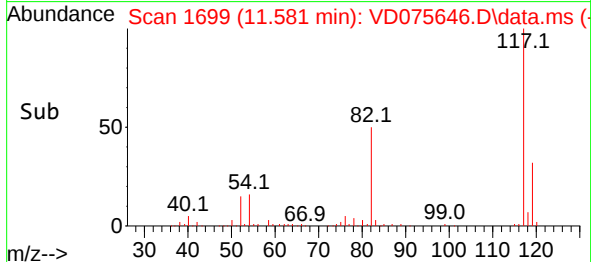
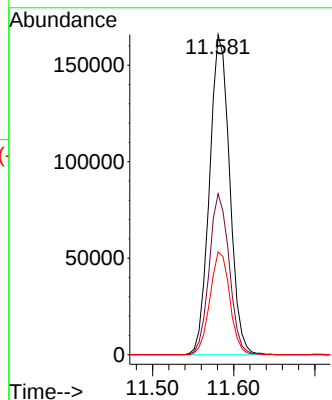
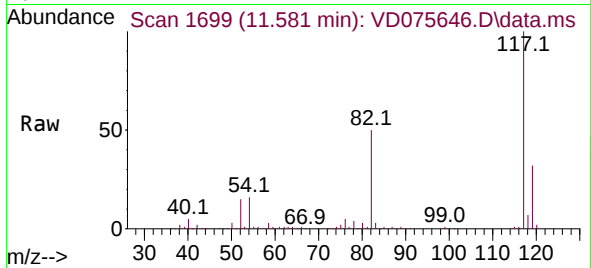




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075646.D
Acq: 12 Apr 2023 18:16

Instrument :
MSVOA_D
ClientSampleId :
JPP-2-040723

Tgt Ion:117 Resp: 285434
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 32.1 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: VD075646.D
Acq: 12 Apr 2023 18:16

Tgt Ion:152 Resp: 102529
Ion Ratio Lower Upper
152 100
115 53.3 30.1 90.3
150 156.5 0.0 364.8

