

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078442.D
 Acq On : 15 Feb 2024 18:09
 Operator : RP/MD
 Sample : P1461-01
 Misc : 4.69G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Feb 16 02:38:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143008	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60790	48.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.920%
35) Dibromofluoromethane	7.804	113	73703	51.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.269	98	288200	49.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.575	95	116531	69.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	138.640%

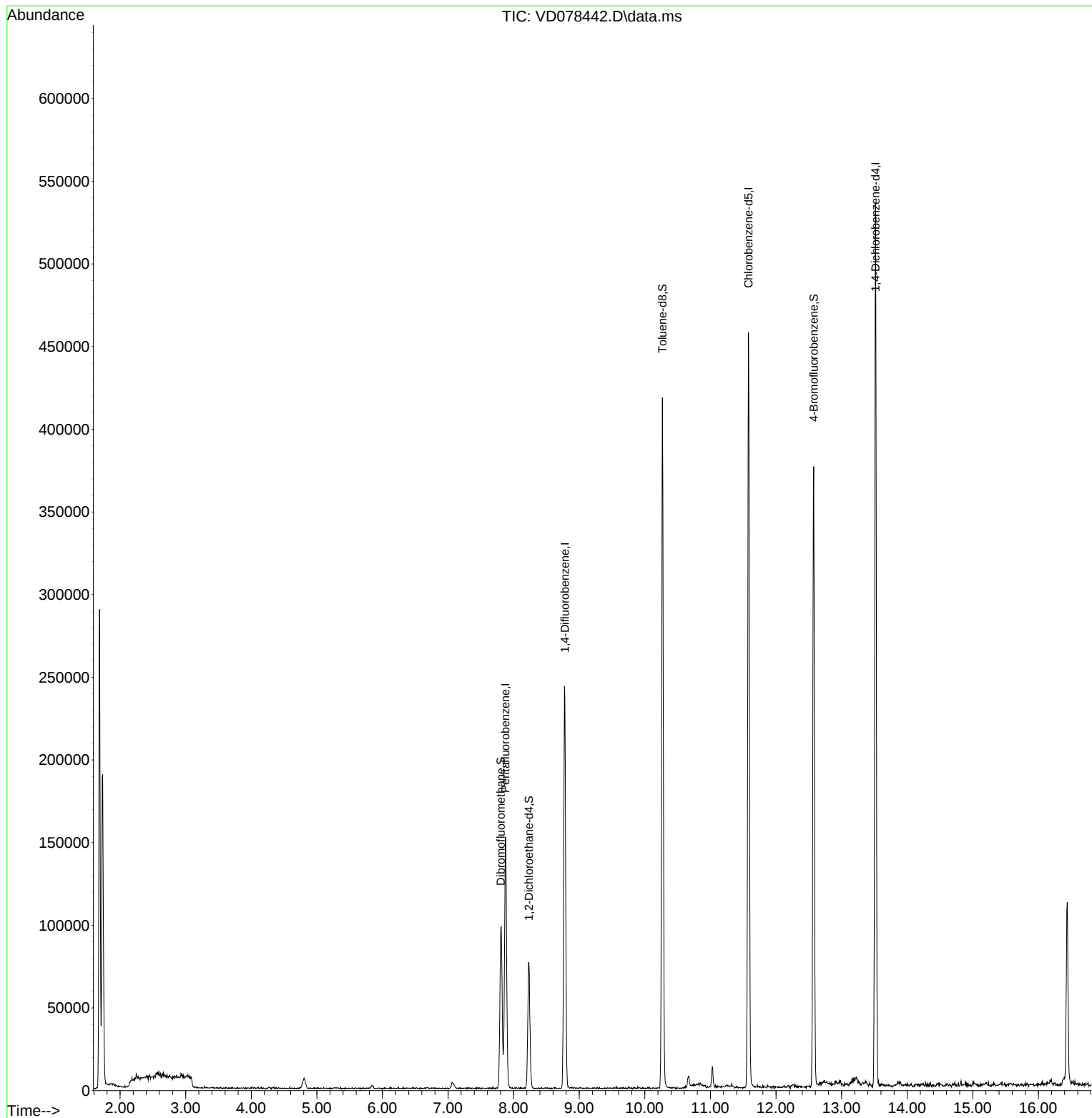
Target Compounds	Qvalue

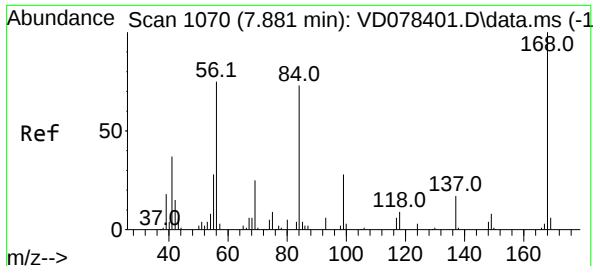
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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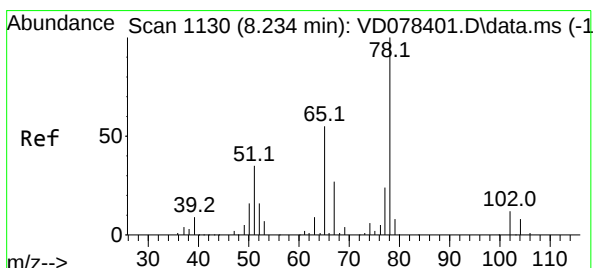
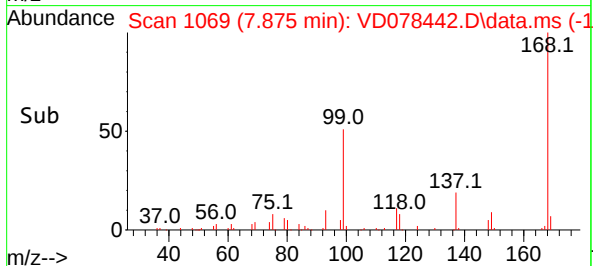
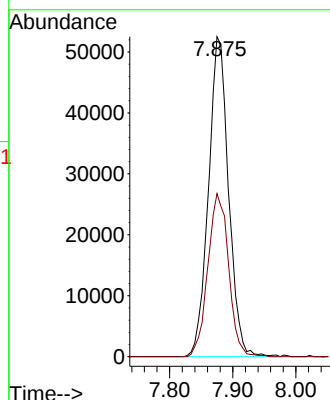
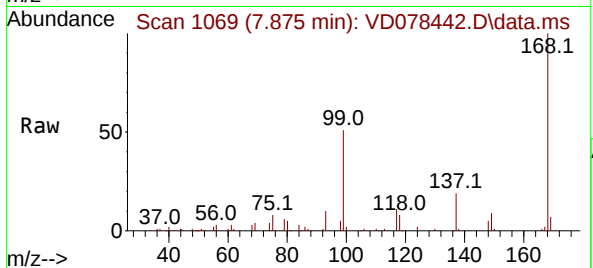




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

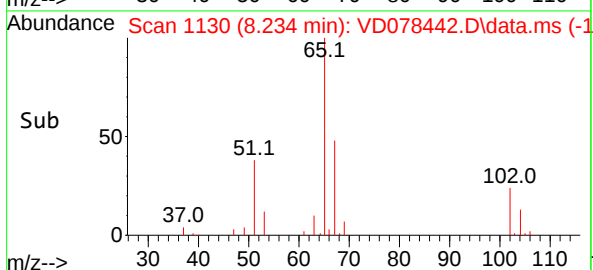
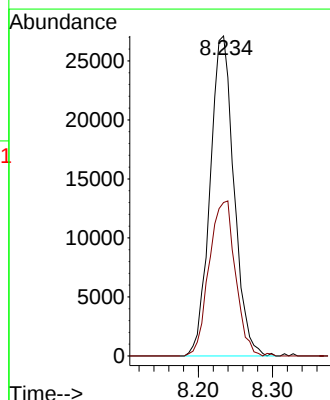
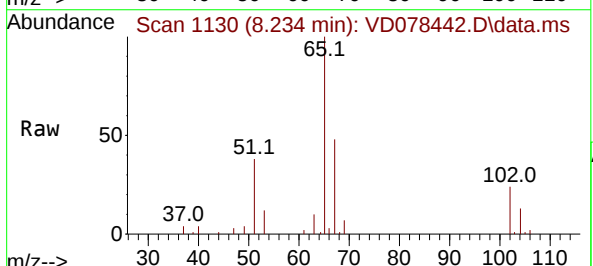
Instrument :
MSVOA_D
ClientSampleId :
TP-2

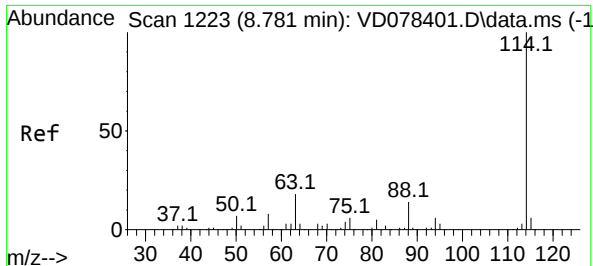
Tgt Ion:168 Resp: 116022
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.458 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

Tgt Ion: 65 Resp: 60790
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078442.D

Acq: 15 Feb 2024 18:09

Instrument :

MSVOA_D

ClientSampleId :

TP-2

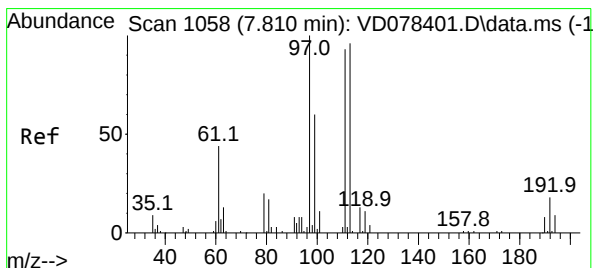
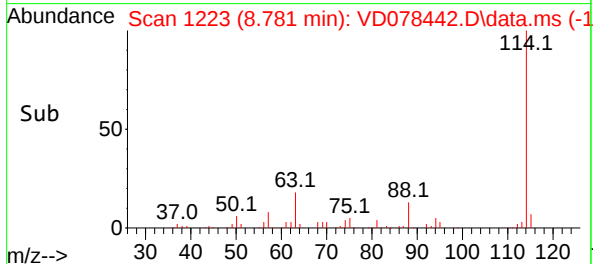
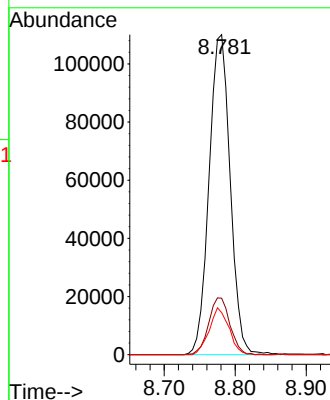
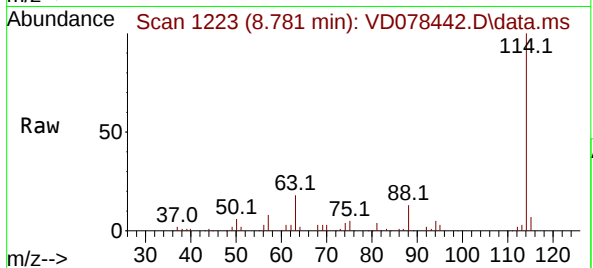
Tgt Ion:114 Resp: 227348

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.035 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078442.D

Acq: 15 Feb 2024 18:09

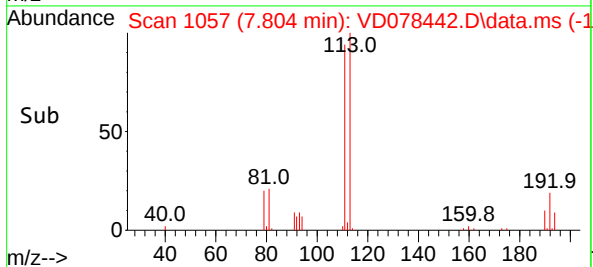
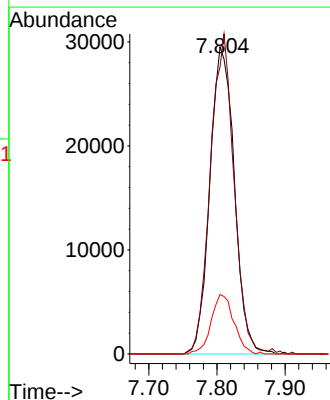
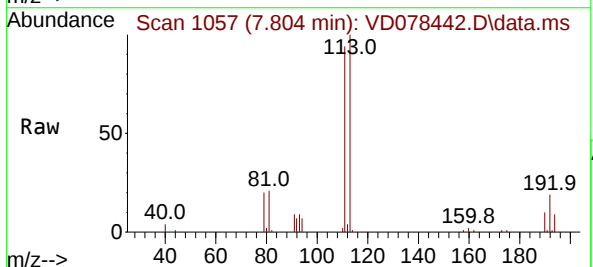
Tgt Ion:113 Resp: 73703

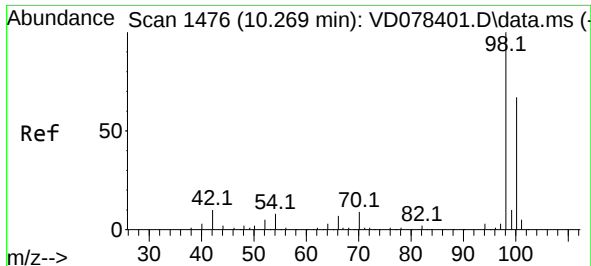
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 18.0 16.8 25.2

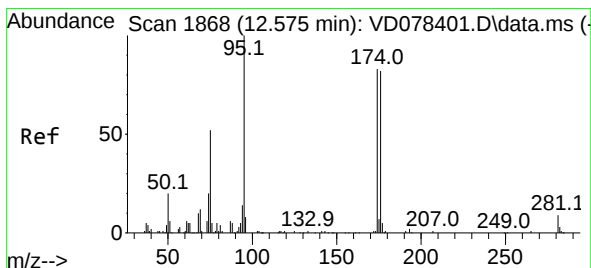
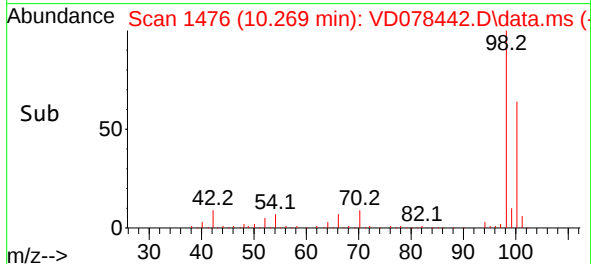
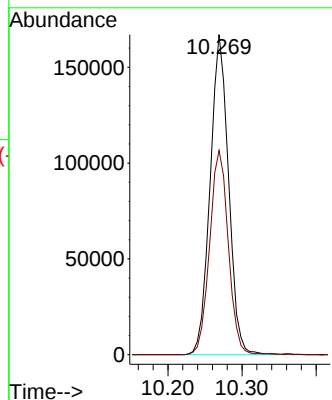
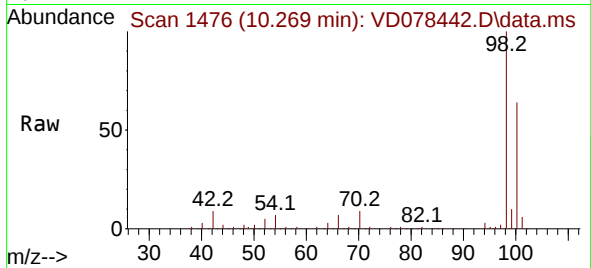




#50
Toluene-d8
Concen: 49.888 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

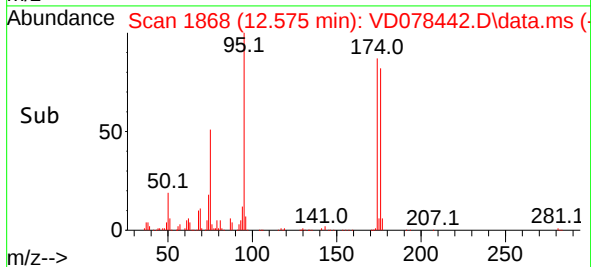
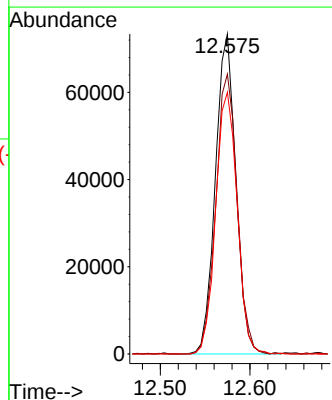
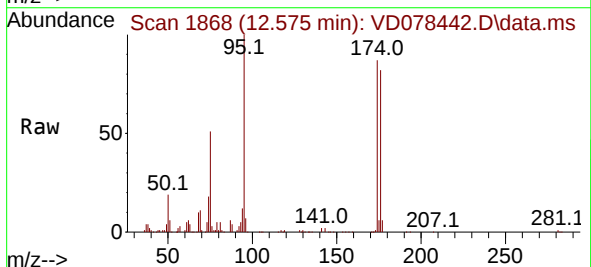
Instrument :
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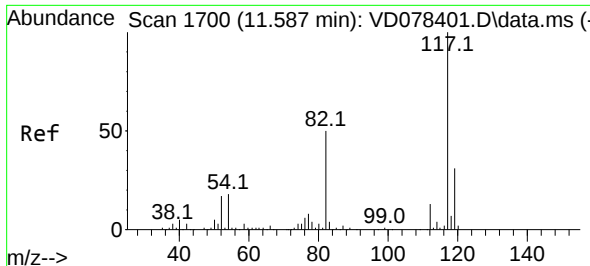
Tgt Ion: 98 Resp: 288200
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 69.317 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

Tgt Ion: 95 Resp: 116531
Ion Ratio Lower Upper
95 100
174 90.9 0.0 201.8
176 85.5 0.0 191.8

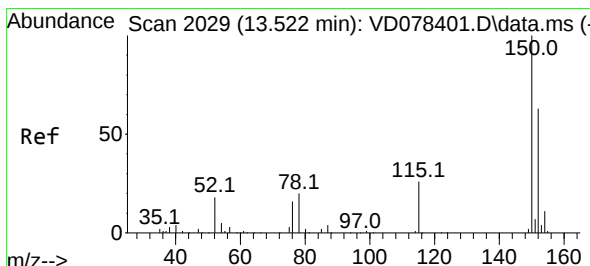
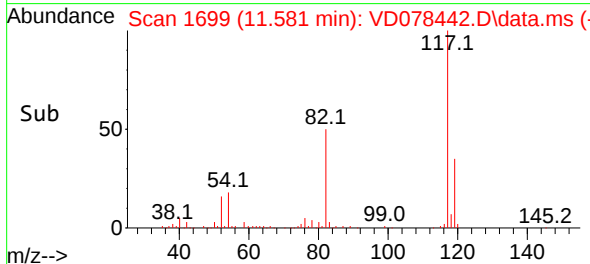
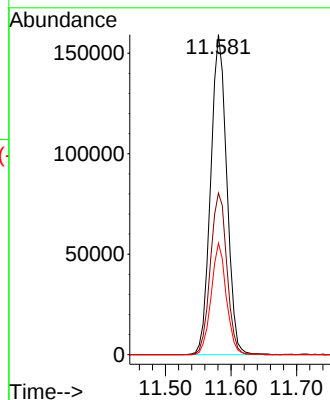
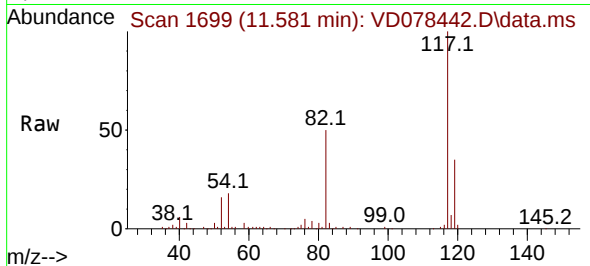




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 271803
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 34.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078442.D
Acq: 15 Feb 2024 18:09

Tgt Ion:152 Resp: 143008
Ion Ratio Lower Upper
152 100
115 56.1 27.1 81.3
150 159.4 0.0 353.6

