

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
 Data File : VD078886.D
 Acq On : 08 May 2024 13:19
 Operator : RP/MD
 Sample : VD0508SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0508SBL01

Quant Time: May 09 04:42:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 19:40:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	250547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66175	59.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.640%
35) Dibromofluoromethane	7.805	113	90302	49.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.269	98	323223	45.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.560%
62) 4-Bromofluorobenzene	12.575	95	86099	42.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%

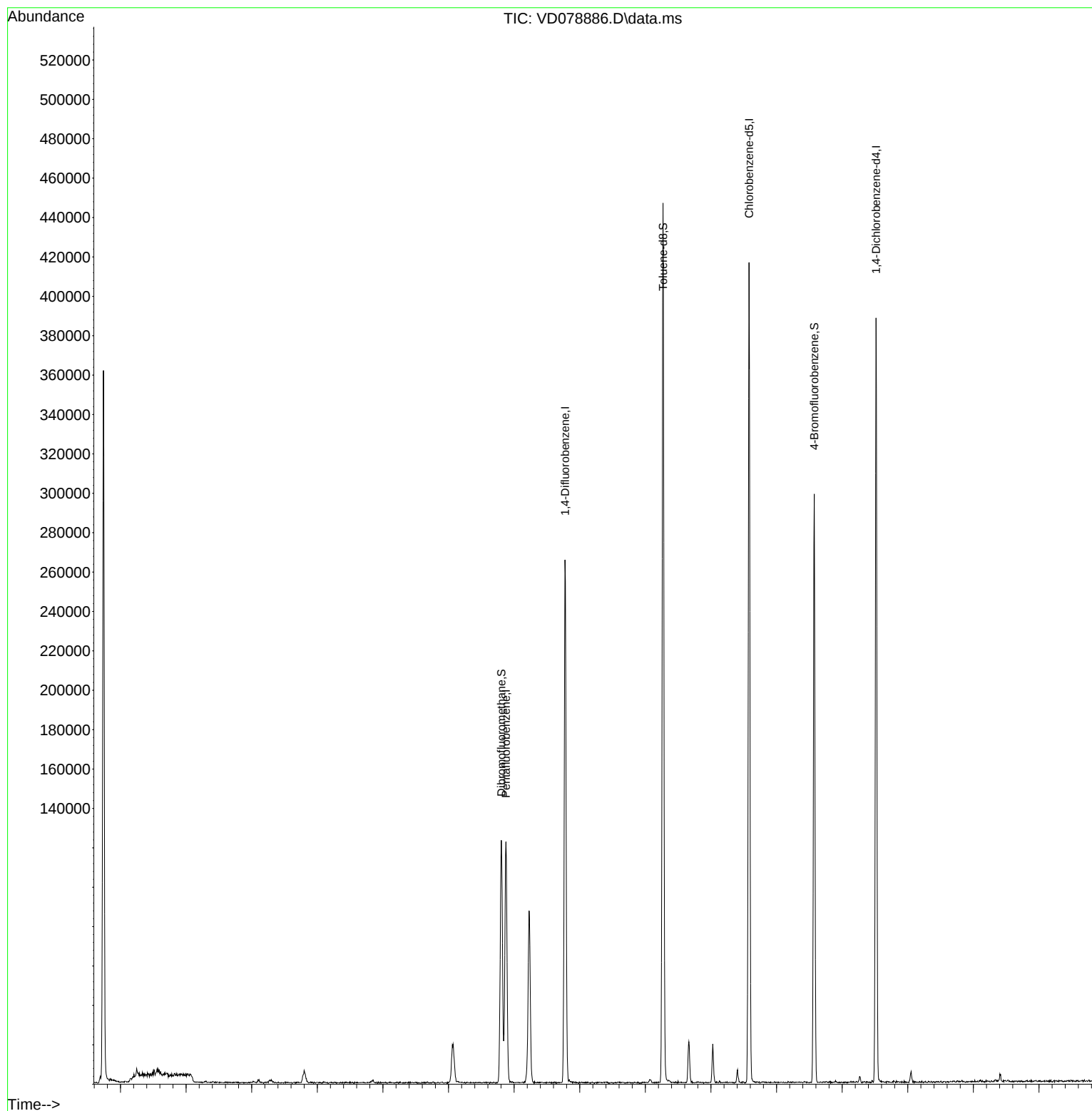
Target Compounds Qvalue

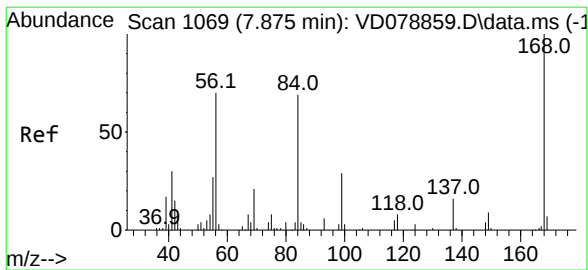
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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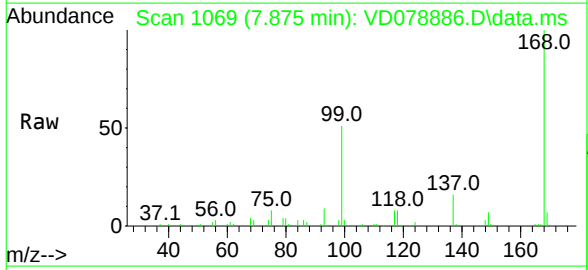
Quant Time: May 09 04:42:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
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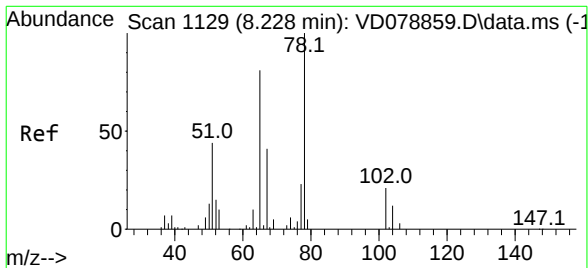
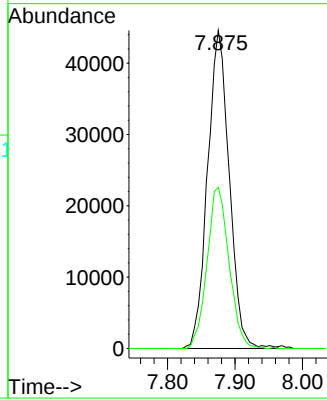
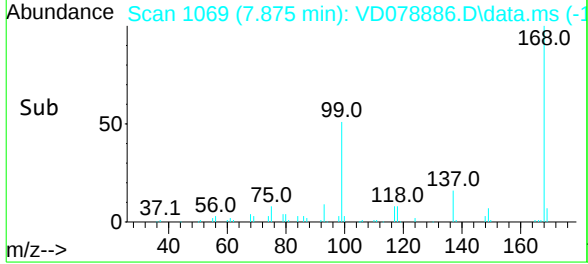


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Instrument :
MSVOA_D
ClientSampleId :
VD0508SBL01

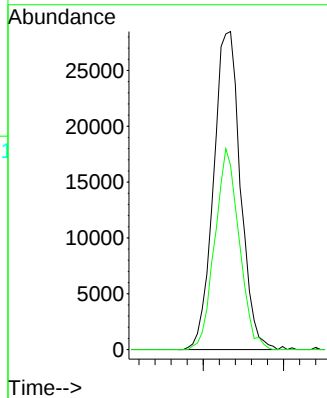
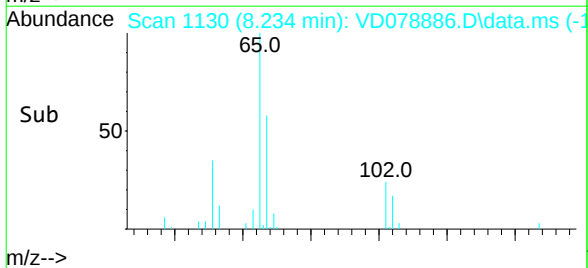
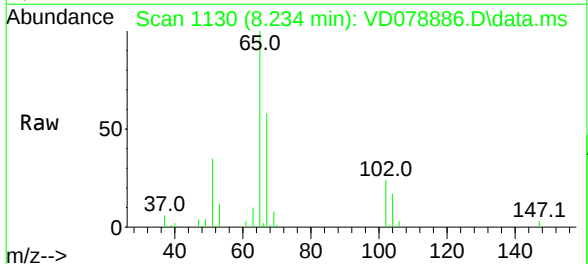


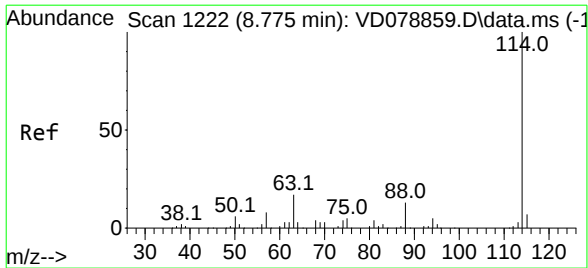
Tgt Ion:168 Resp: 99670
Ion Ratio Lower Upper
168 100
99 50.6 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 59.817 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Tgt Ion: 65 Resp: 66175
Ion Ratio Lower Upper
65 100
67 57.4 0.0 110.2

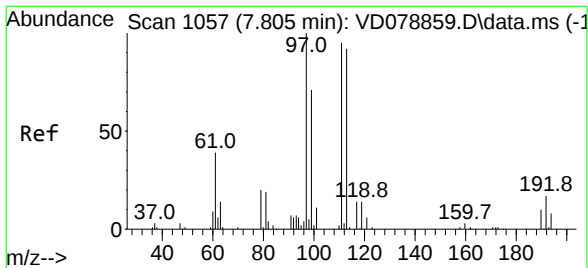
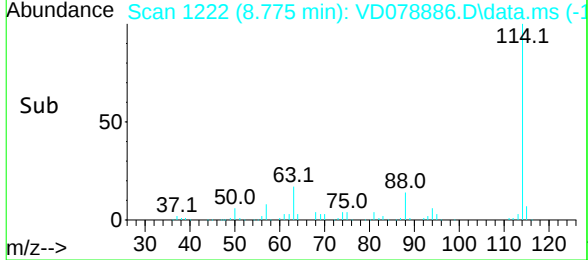
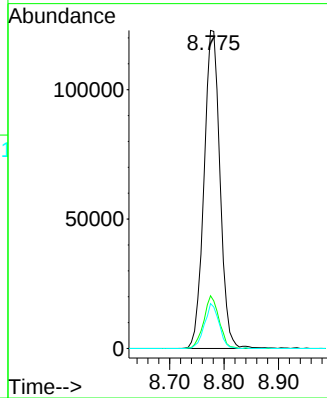
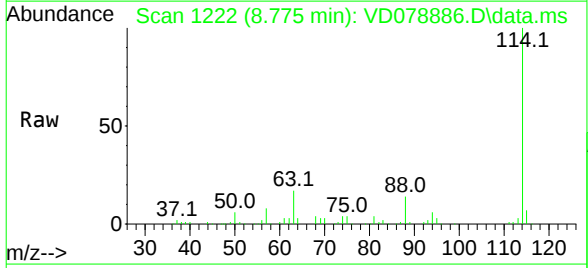




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

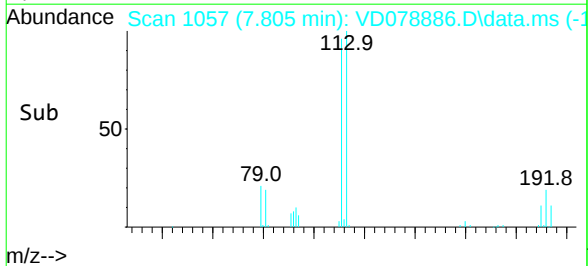
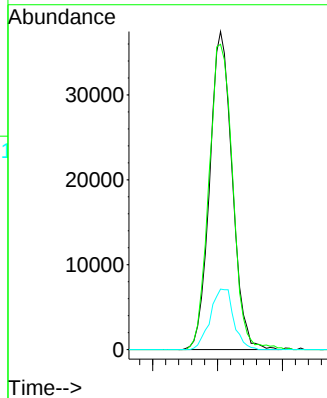
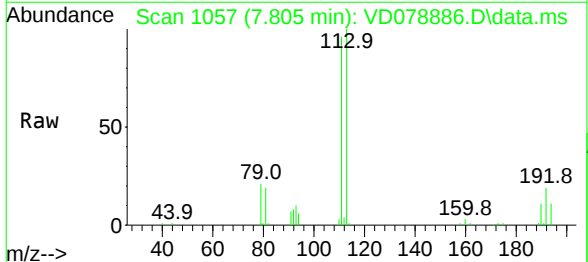
Instrument :
MSVOA_D
ClientSampleId :
VD0508SBL01

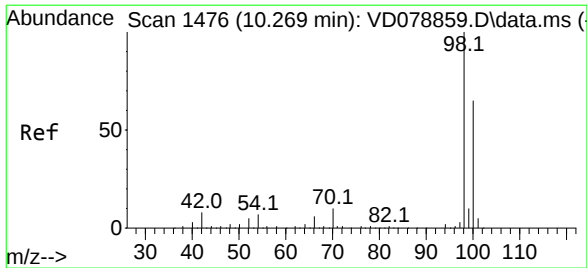
Tgt Ion:	114	Resp:	250547
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	33.4
88	14.1	0.0	24.6



#35
Dibromofluoromethane
Concen: 49.088 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078886.D
Acq: 08 May 2024 13:19

Tgt Ion:	113	Resp:	90302
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.7	15.4	23.0





#50

Toluene-d8

Concen: 45.784 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

Instrument :

MSVOA_D

ClientSampleId :

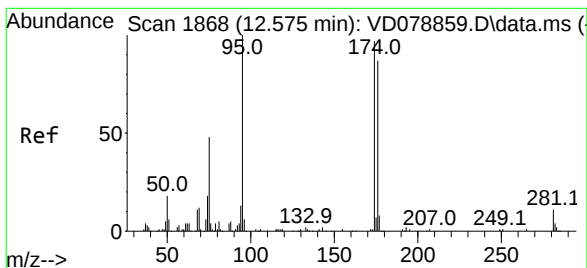
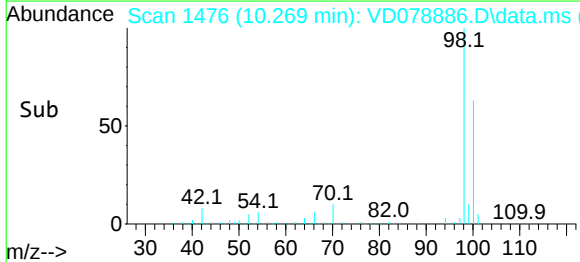
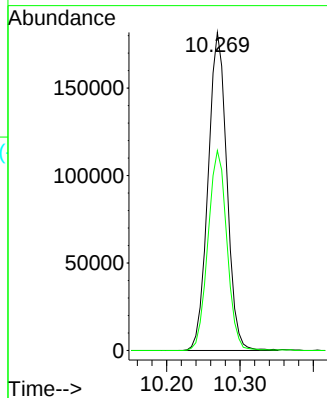
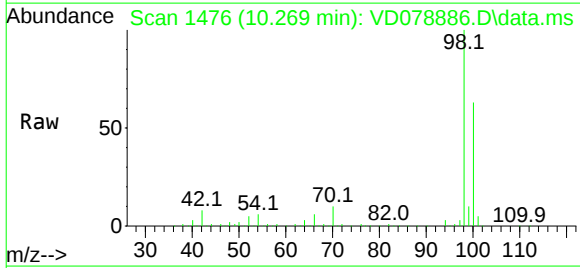
VD0508SBL01

Tgt Ion: 98 Resp: 323223

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 42.613 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

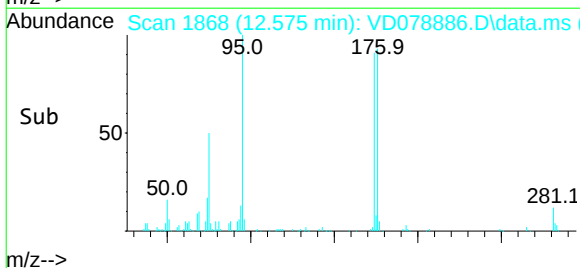
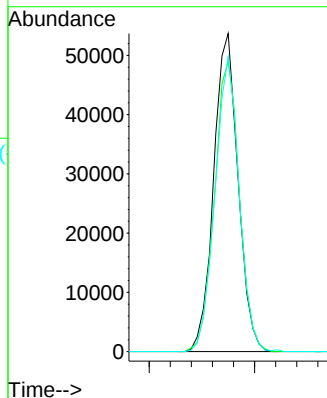
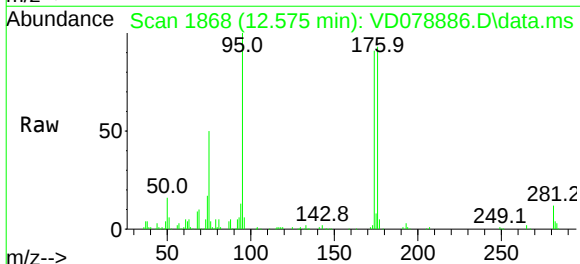
Tgt Ion: 95 Resp: 86099

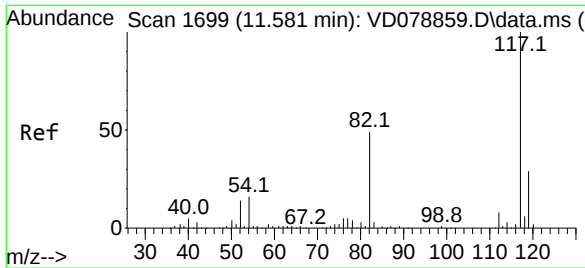
Ion Ratio Lower Upper

95 100

174 93.1 0.0 195.2

176 91.9 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

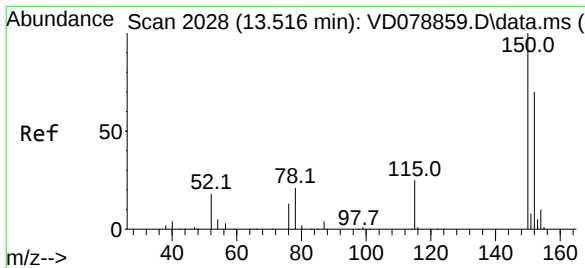
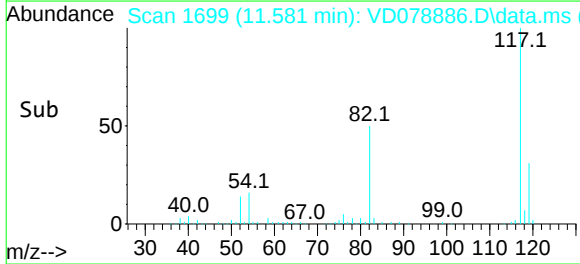
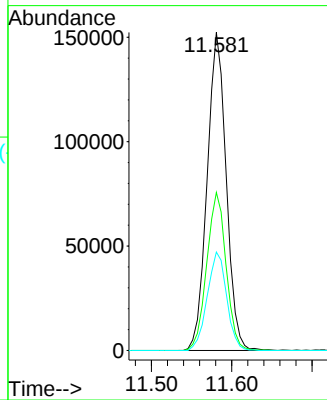
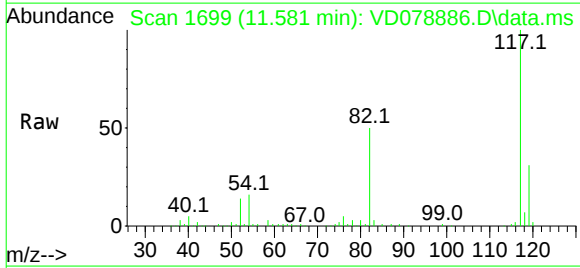
Instrument :

MSVOA_D

ClientSampleId :

VD0508SBL01

Tgt Ion:	117	Resp:	251170
Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.4	62.2
119	31.0	26.5	39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078886.D

Acq: 08 May 2024 13:19

Tgt Ion:	152	Resp:	109631
Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.2
150	157.4	0.0	350.2

