

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078530.D
 Acq On : 23 Feb 2024 11:11
 Operator : RP/MD
 Sample : VD0223SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

Quant Time: Feb 24 00:19:27 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)

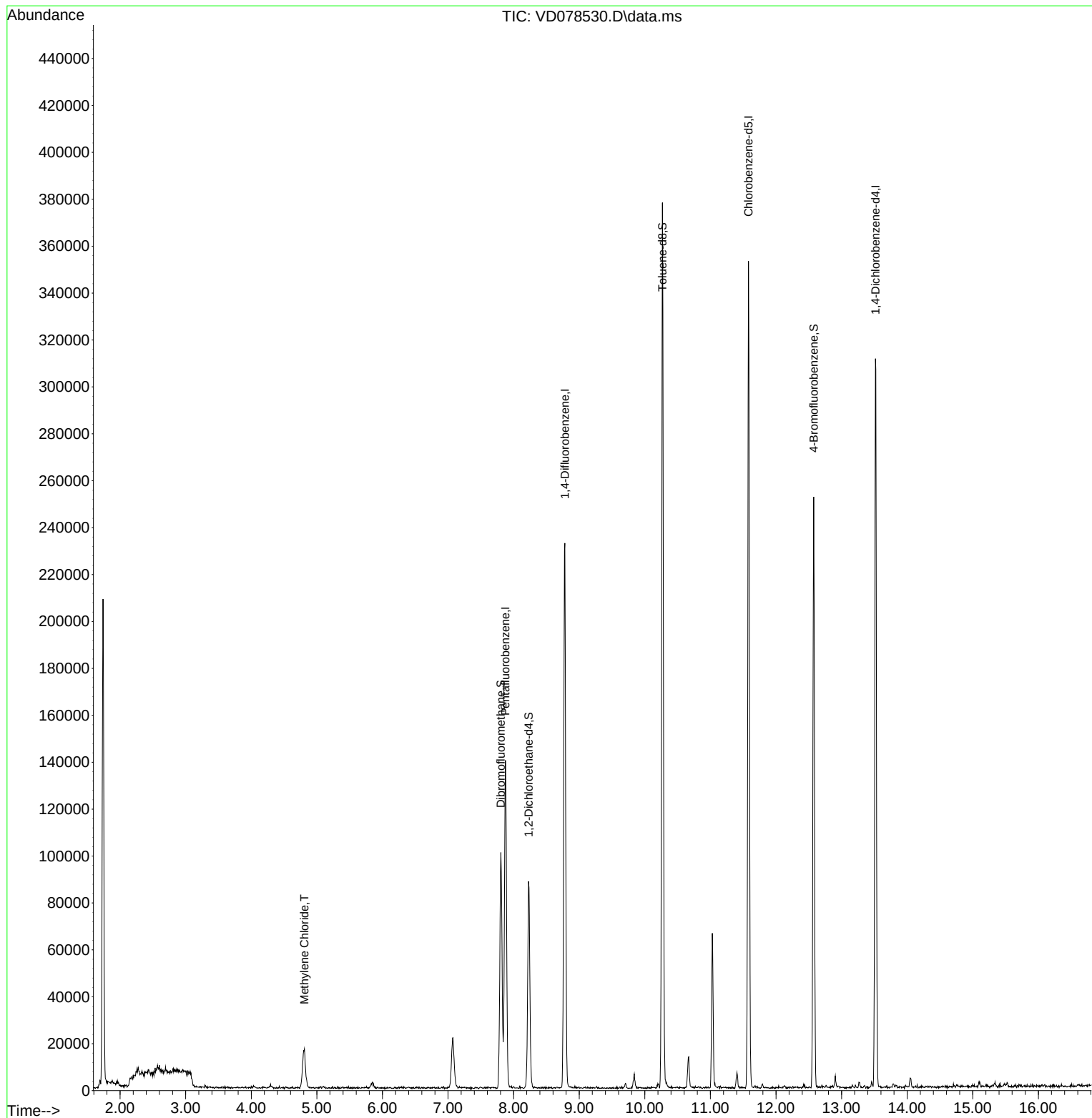
Internal Standards						
1) Pentafluorobenzene	7.875	168	108523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	216690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66662	56.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.620%	
35) Dibromofluoromethane	7.805	113	73669	53.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.269	98	261802	47.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.100%	
62) 4-Bromofluorobenzene	12.575	95	70842	44.212	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.420%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	13618	7.627	ug/l	91

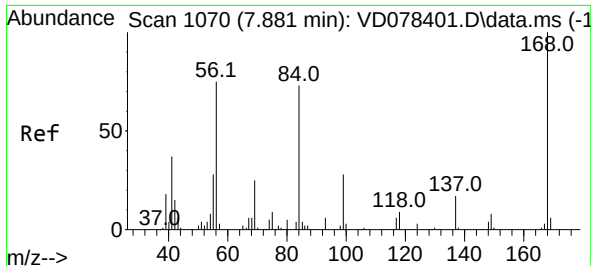
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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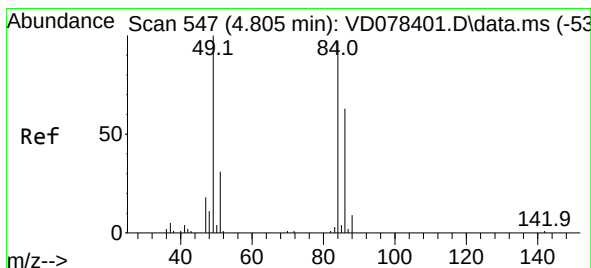
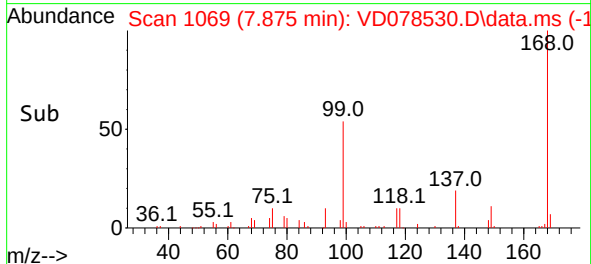
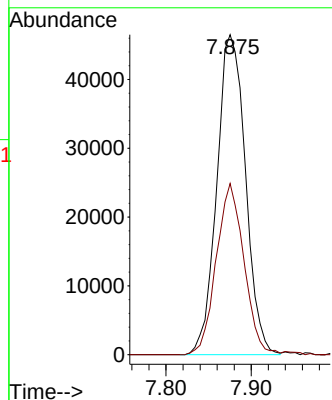
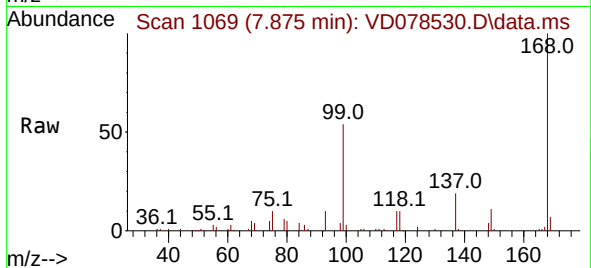




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

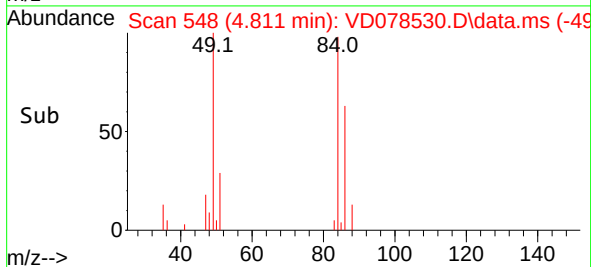
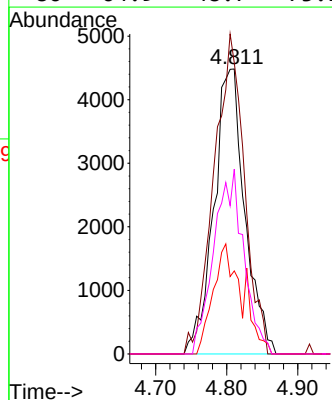
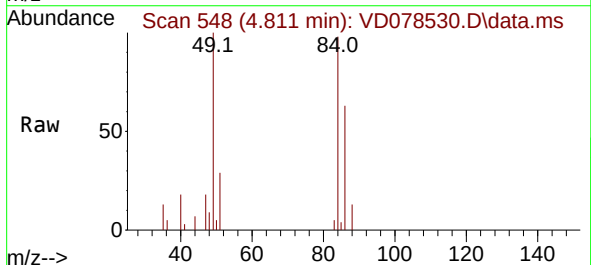
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

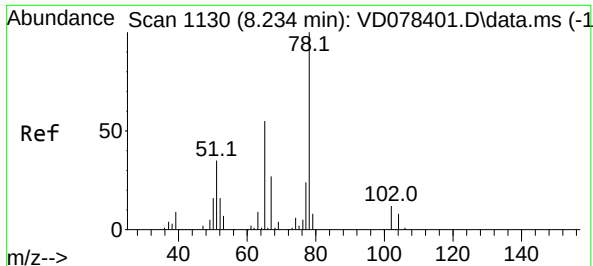
Tgt Ion:168 Resp: 108523
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#20
Methylene Chloride
Concen: 7.627 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

Tgt Ion: 84 Resp: 13618
Ion Ratio Lower Upper
84 100
49 102.2 71.4 107.2
51 29.1 24.5 36.7
86 64.9 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 56.811 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078530.D

Acq: 23 Feb 2024 11:11

Instrument :

MSVOA_D

ClientSampleId :

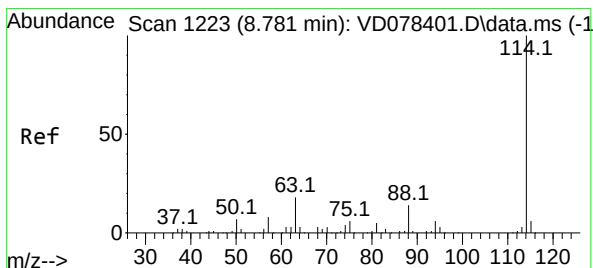
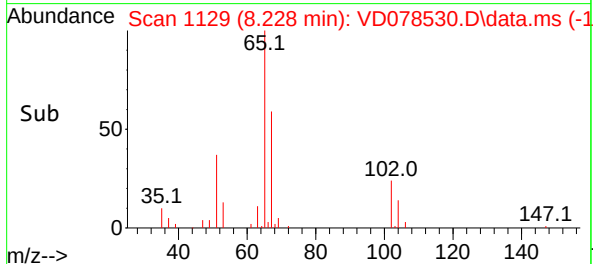
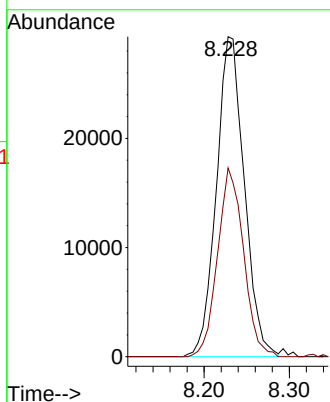
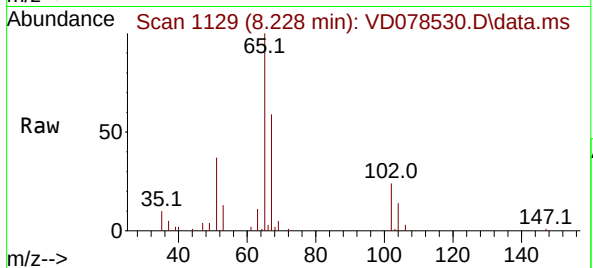
VD0223SBL01

Tgt Ion: 65 Resp: 66662

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078530.D

Acq: 23 Feb 2024 11:11

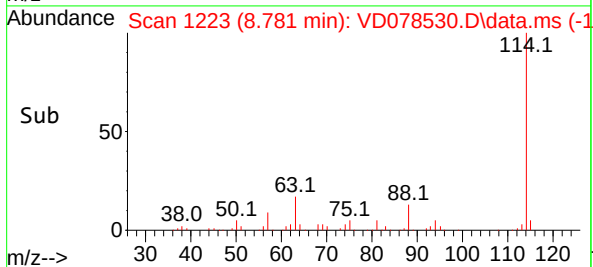
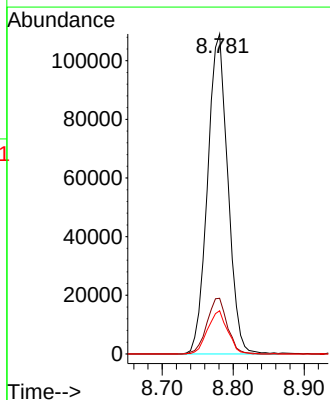
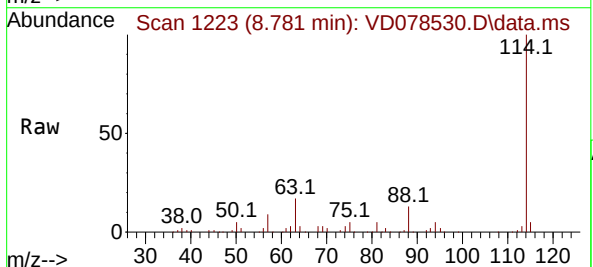
Tgt Ion: 114 Resp: 216690

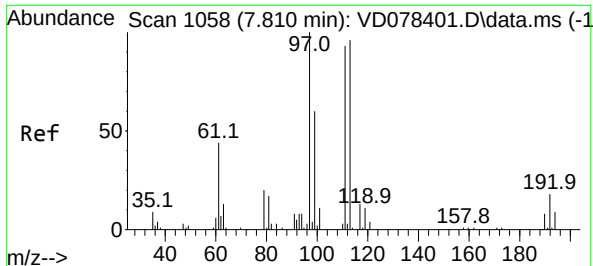
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.5 0.0 26.2

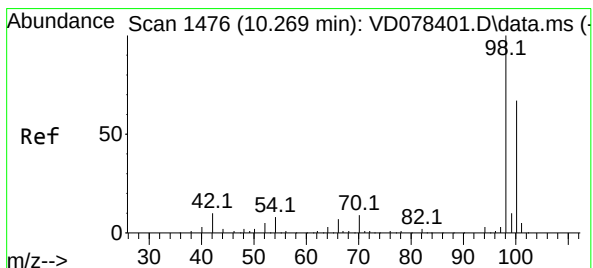
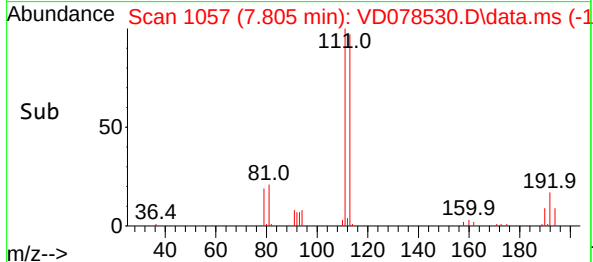
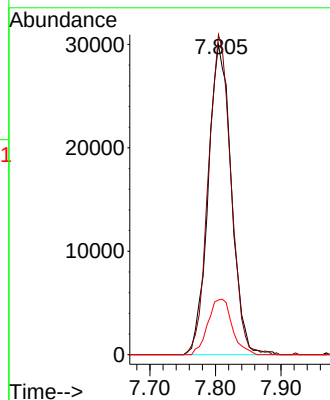
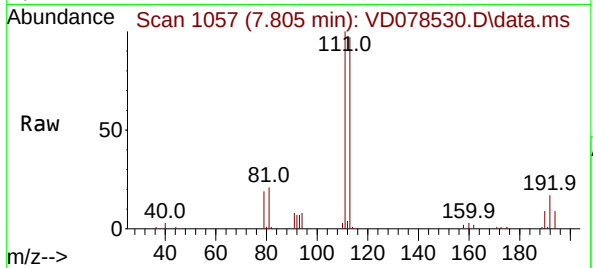




#35
 Dibromofluoromethane
 Concen: 53.521 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

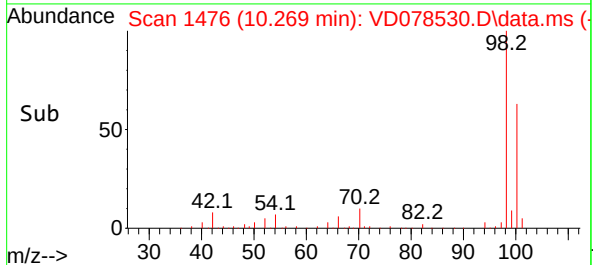
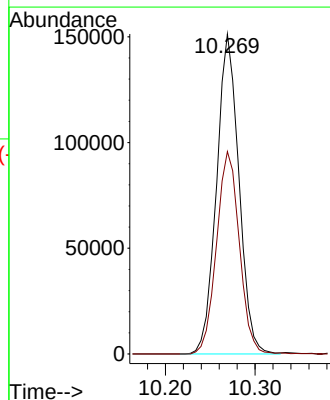
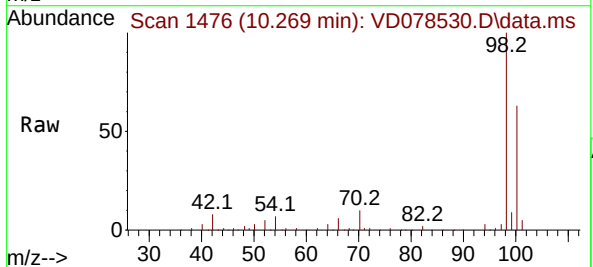
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01

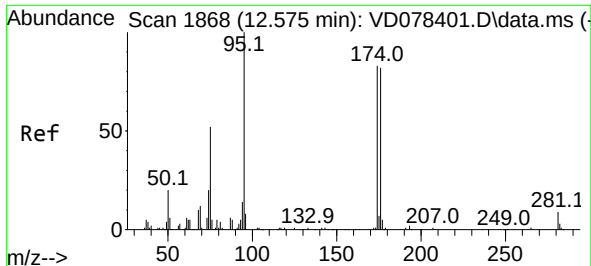
Tgt Ion:113 Resp: 73669
 Ion Ratio Lower Upper
 113 100
 111 100.9 84.7 127.1
 192 18.7 16.8 25.2



#50
 Toluene-d8
 Concen: 47.547 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Tgt Ion: 98 Resp: 261802
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.3 75.5

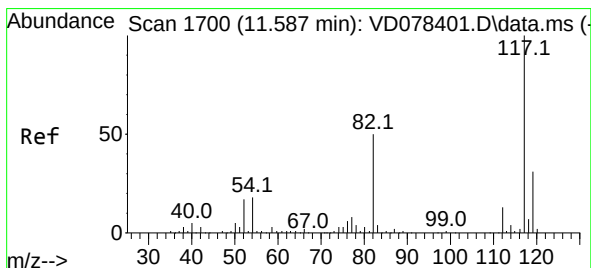
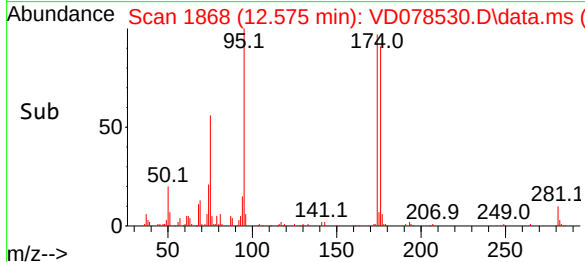
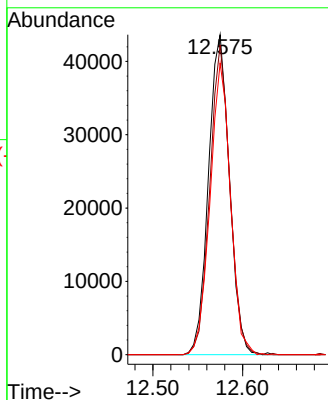
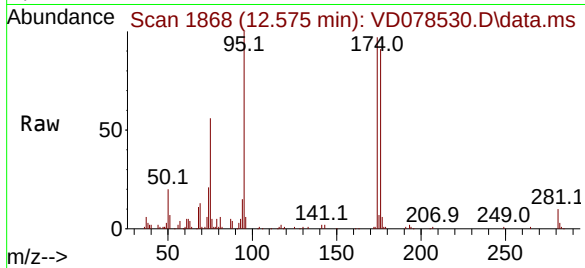




#62
4-Bromofluorobenzene
Concen: 44.212 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

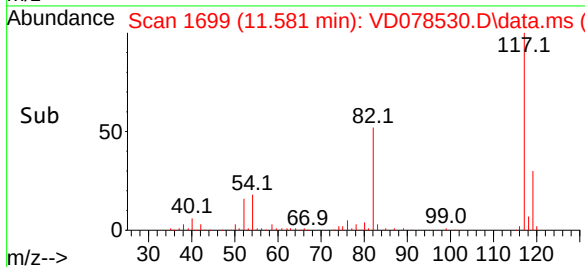
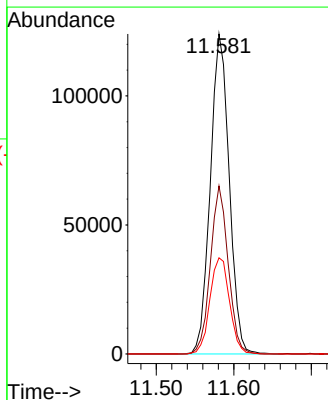
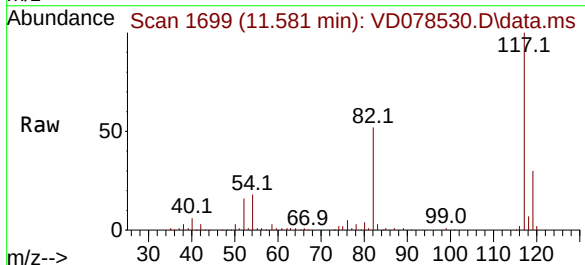
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBL01

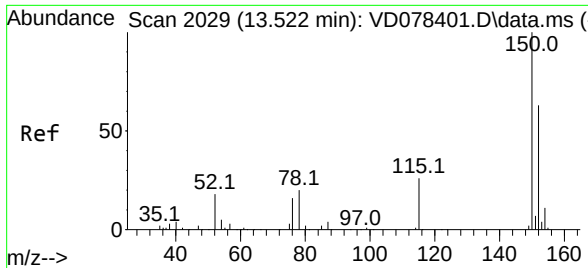
Tgt Ion: 95 Resp: 70842
Ion Ratio Lower Upper
95 100
174 93.0 0.0 201.8
176 88.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078530.D
Acq: 23 Feb 2024 11:11

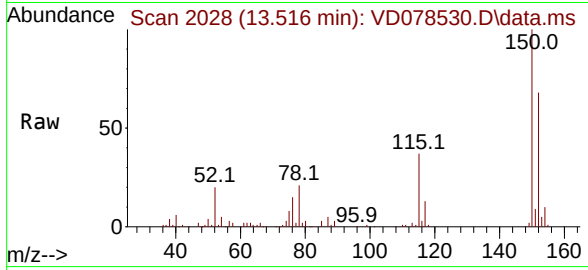
Tgt Ion: 117 Resp: 209979
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 30.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078530.D
 Acq: 23 Feb 2024 11:11

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBL01



Tgt Ion:	152	Resp:	88012
Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.1	81.3
150	158.1	0.0	353.6

