

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081630.D
 Acq On : 29 Mar 2024 21:04
 Operator : JC\MD
 Sample : P1928-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 30 00:35:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

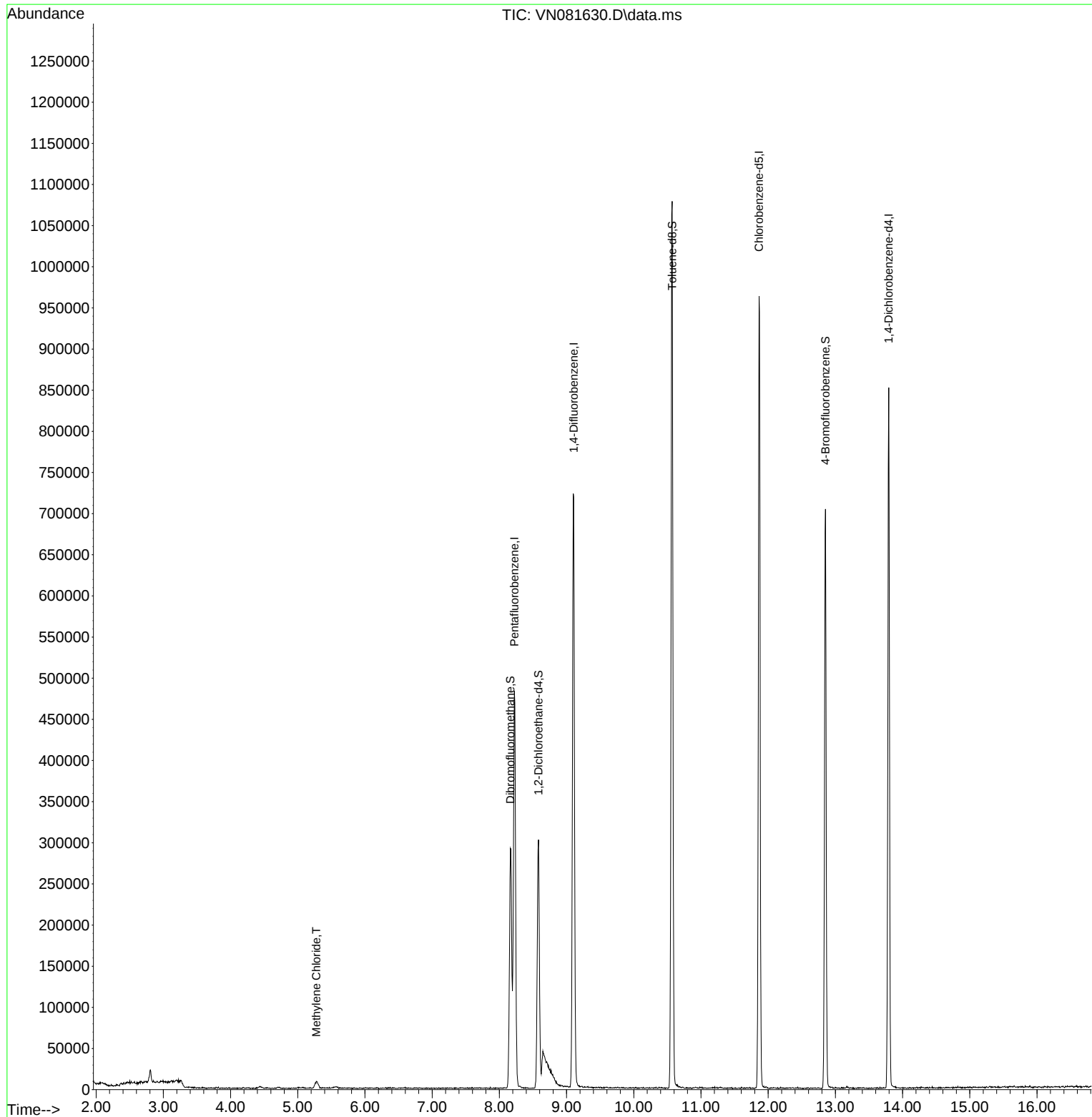
Internal Standards						
1) Pentafluorobenzene	8.224	168	339241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	649329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	579634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241546	55.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.660%
35) Dibromofluoromethane	8.165	113	213691	52.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.571	98	762490	51.473	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.853	95	237434	45.488	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.980%
Target Compounds						
20) Methylene Chloride	5.277	84	7091	1.548	ug/l	Qvalue # 73

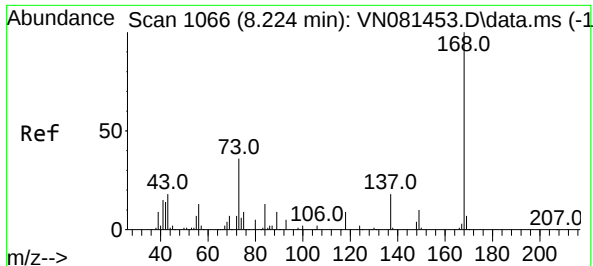
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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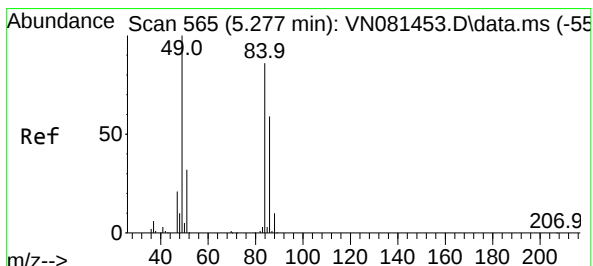
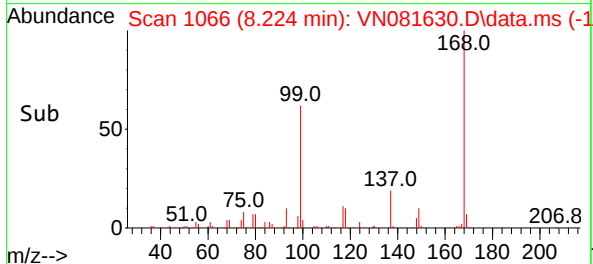
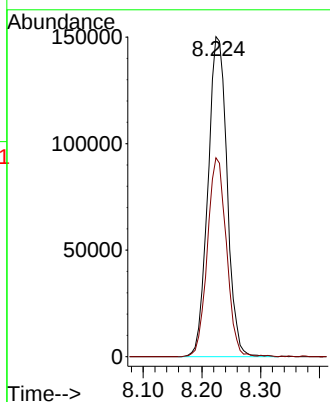
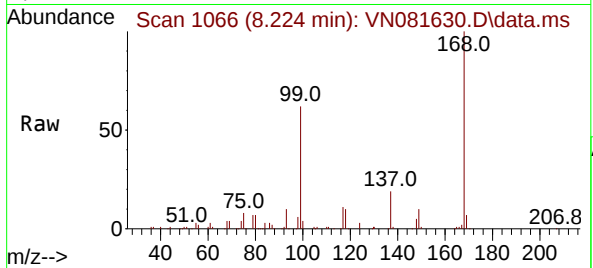




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

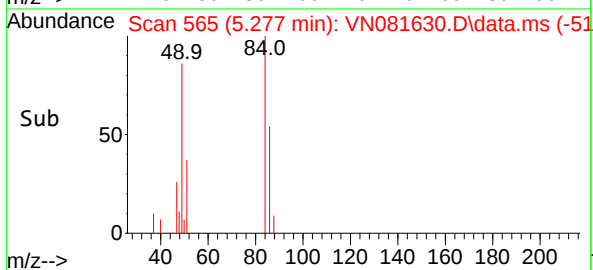
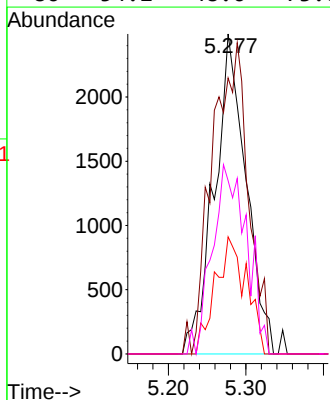
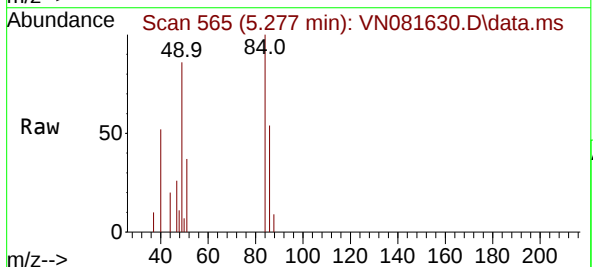
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

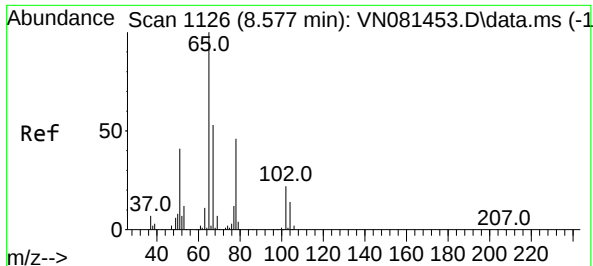
Tgt Ion:168 Resp: 339241
Ion Ratio Lower Upper
168 100
99 62.2 59.9 89.9



#20
Methylene Chloride
Concen: 1.548 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 84 Resp: 7091
Ion Ratio Lower Upper
84 100
49 86.3 108.1 162.1#
51 36.6 32.9 49.3
86 54.2 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 55.833 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081630.D

Acq: 29 Mar 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

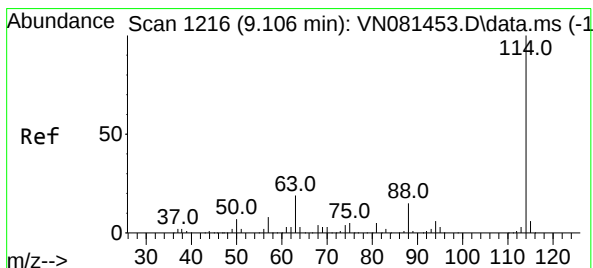
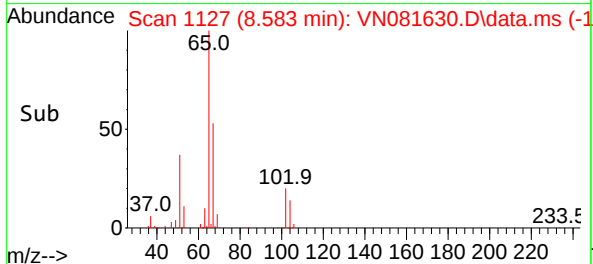
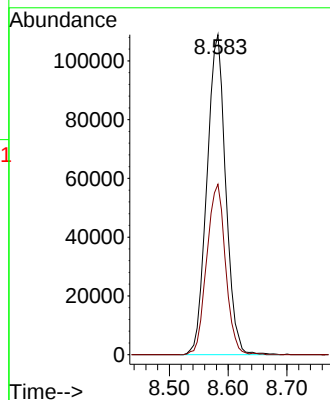
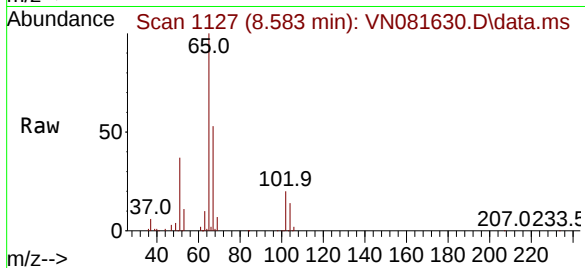
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 241546

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081630.D

Acq: 29 Mar 2024 21:04

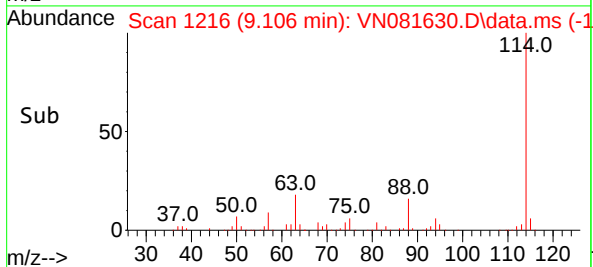
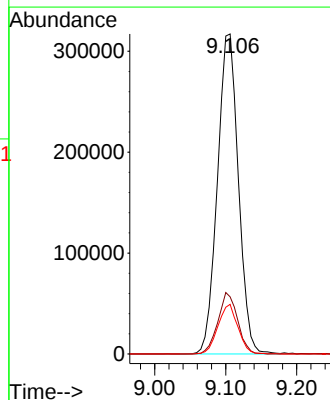
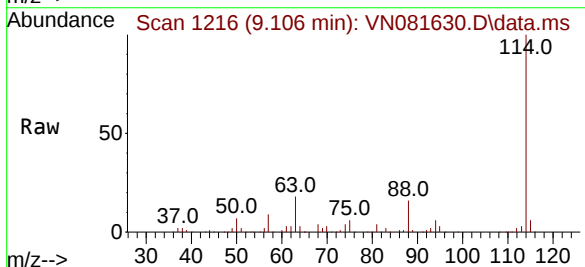
Tgt Ion: 114 Resp: 649329

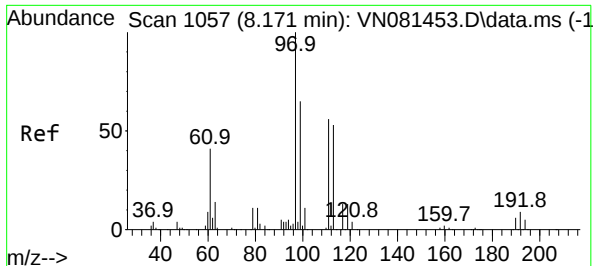
Ion Ratio Lower Upper

114 100

63 17.9 0.0 48.0

88 15.5 0.0 34.8

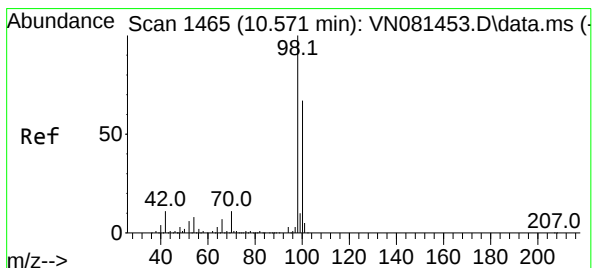
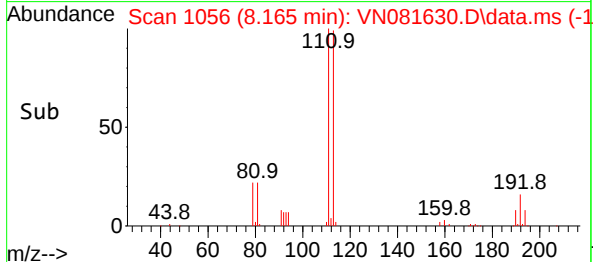
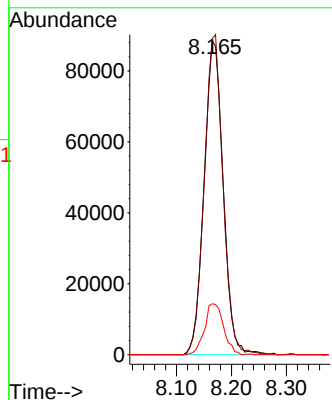
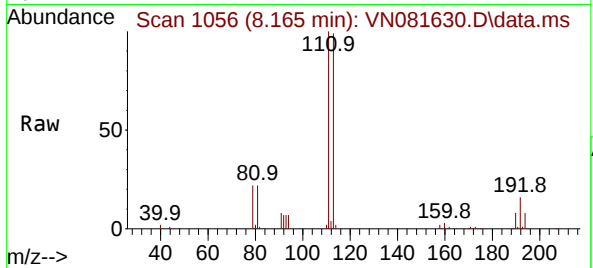




#35
Dibromofluoromethane
Concen: 52.146 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

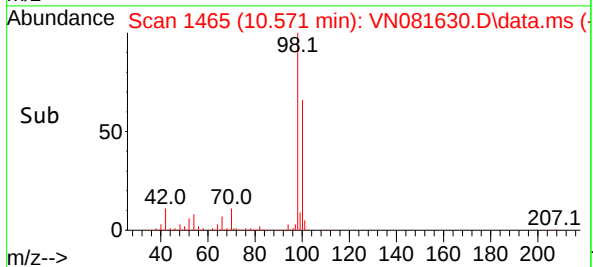
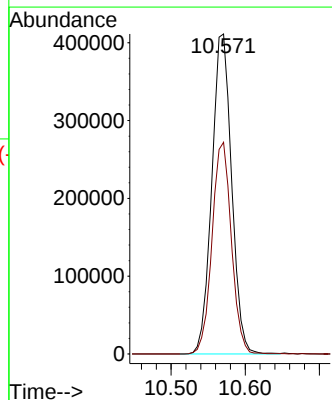
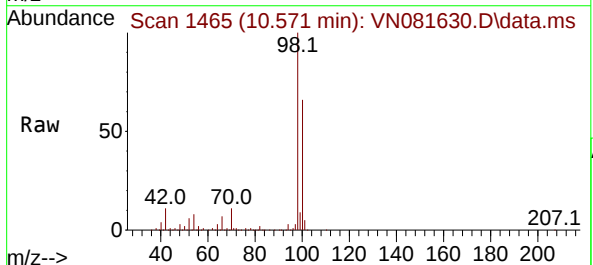
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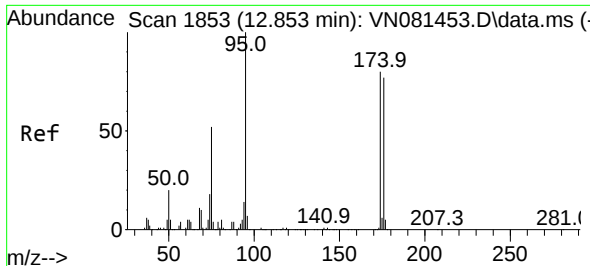
Tgt Ion:113 Resp: 213691
Ion Ratio Lower Upper
113 100
111 100.2 82.2 123.4
192 16.2 12.5 18.7



#50
Toluene-d8
Concen: 51.473 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

Tgt Ion: 98 Resp: 762490
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

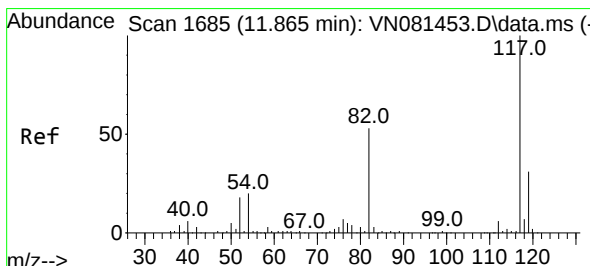
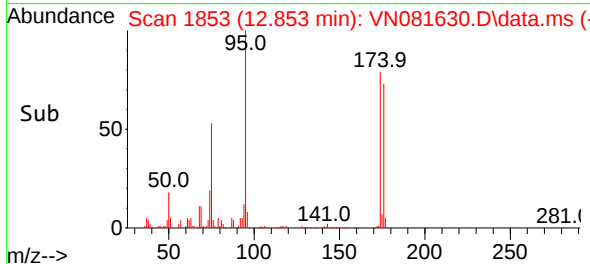
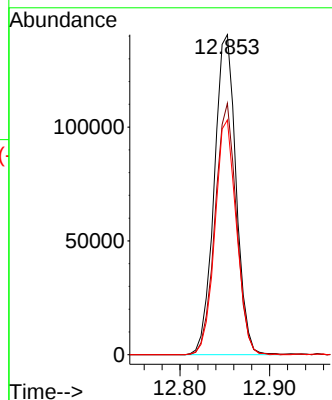
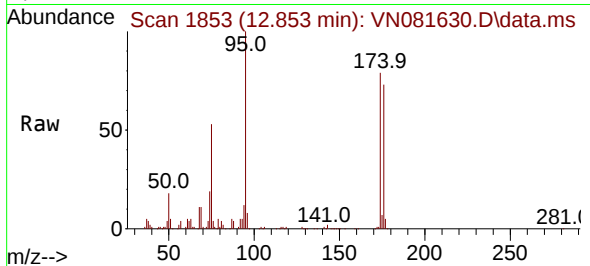




#62
4-Bromofluorobenzene
Concen: 45.488 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

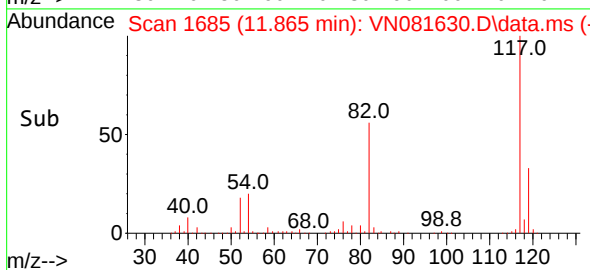
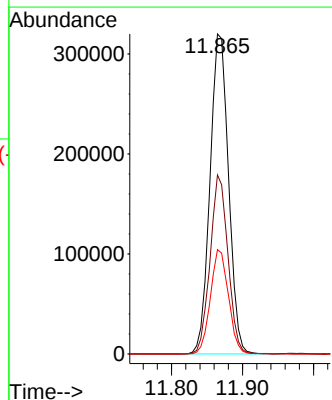
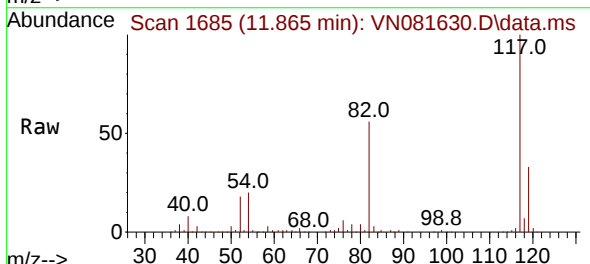
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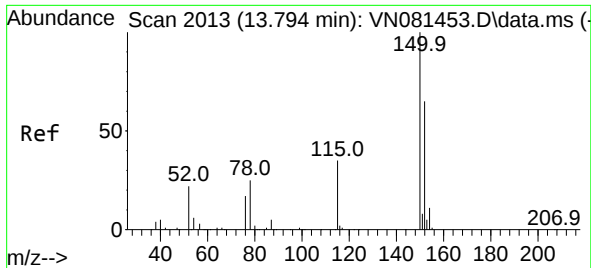
Tgt Ion: 95 Resp: 237434
Ion Ratio Lower Upper
95 100
174 77.2 0.0 120.4
176 72.3 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081630.D
Acq: 29 Mar 2024 21:04

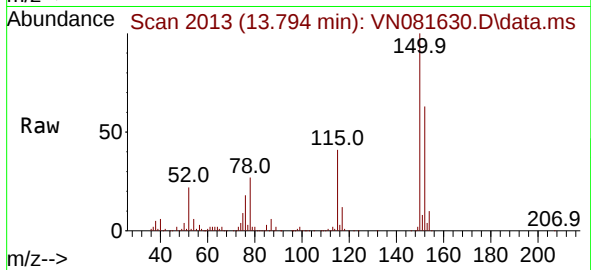
Tgt Ion: 117 Resp: 579634
Ion Ratio Lower Upper
117 100
82 55.9 52.7 79.1
119 32.6 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081630.D
 Acq: 29 Mar 2024 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6



Tgt Ion:152 Resp: 226130
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 158.0 0.0 339.8

