

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080415.D
 Acq On : 08 Dec 2023 18:45
 Operator : JC\MD
 Sample : 05691-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3909

Quant Time: Dec 08 22:44:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

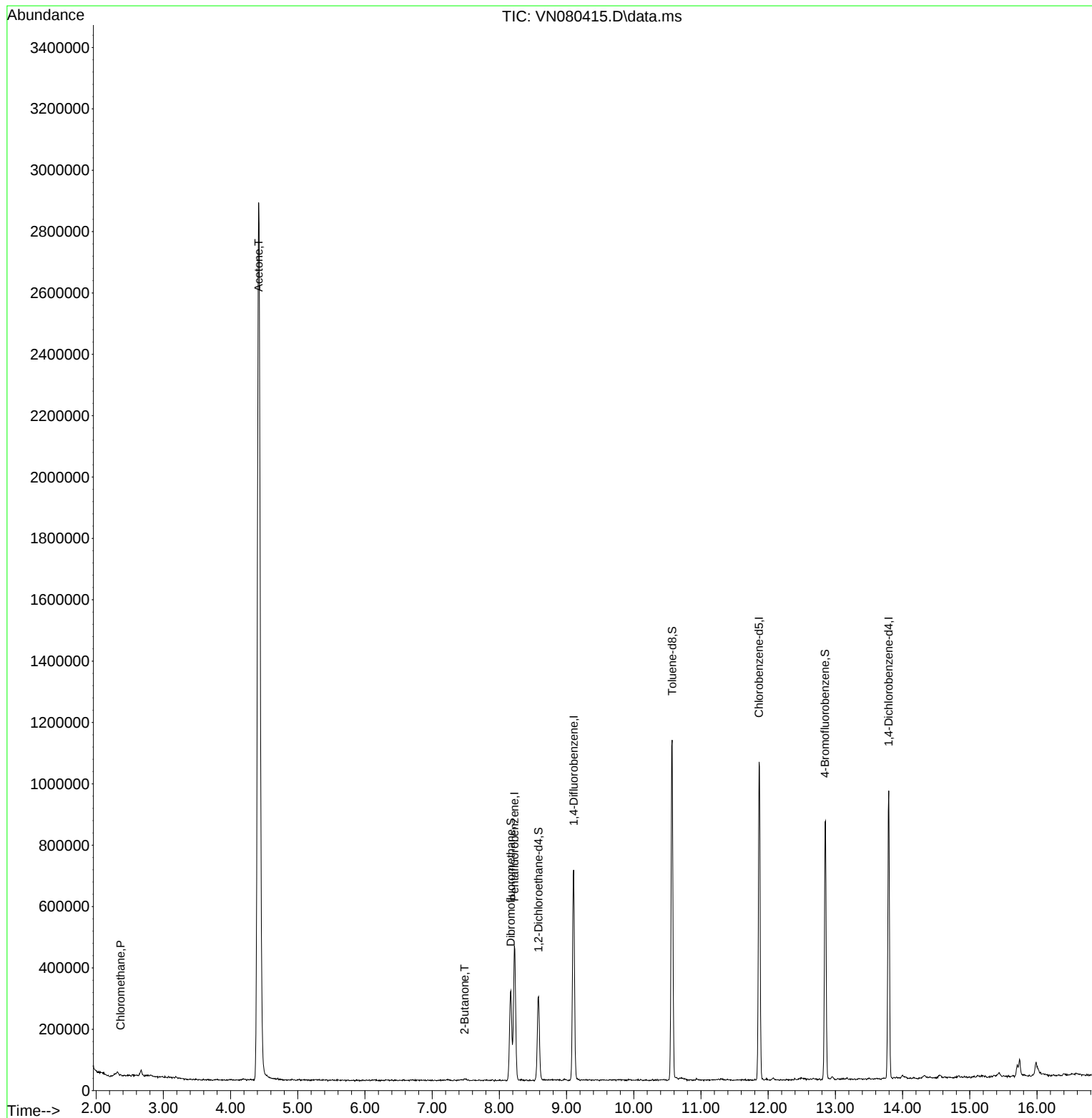
Internal Standards						
1) Pentafluorobenzene	8.224	168	314946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	592525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	611785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	255419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	239188	45.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.000%
35) Dibromofluoromethane	8.171	113	211922	48.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	10.571	98	785805	49.860	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.847	95	317763	53.379	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	5609	1.590	ug/l	97
16) Acetone	4.418	43	5333931	3053.821	ug/l	99
25) 2-Butanone	7.483	43	9048	4.360	ug/l	89

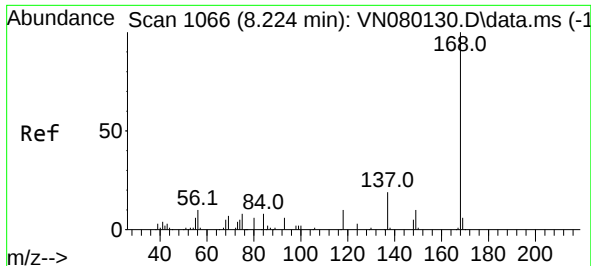
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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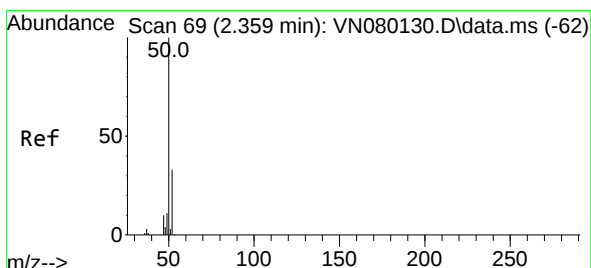
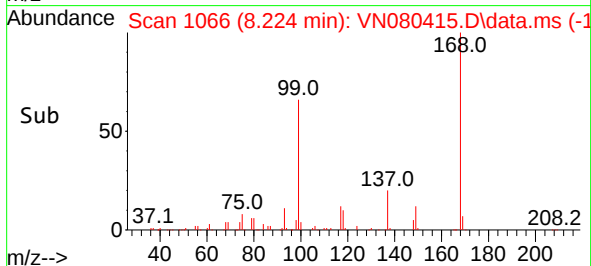
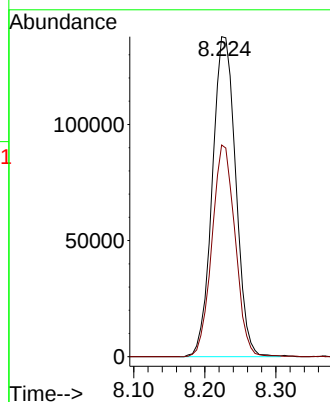
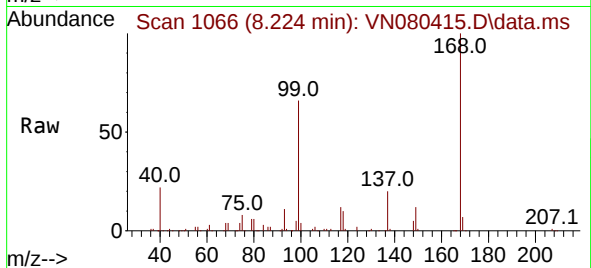




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

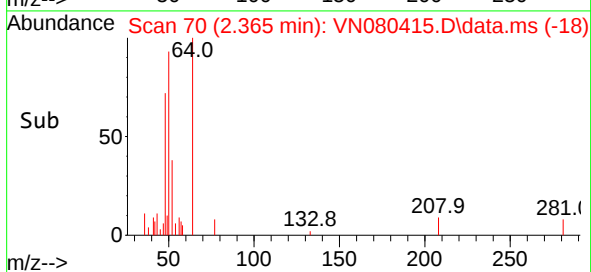
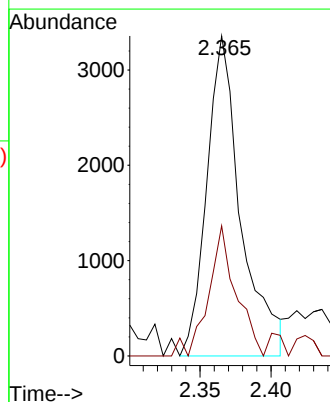
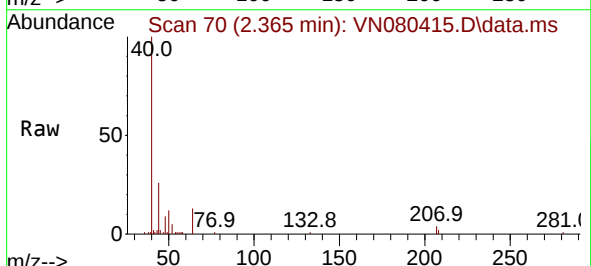
Instrument :
MSVOA_N
ClientSampleId :
A3909

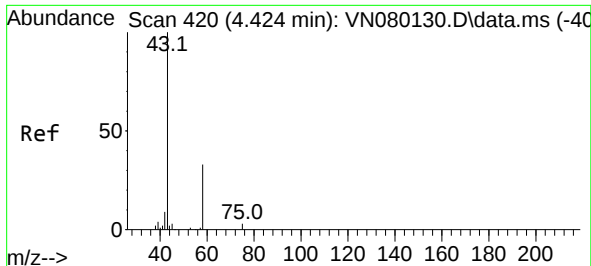
Tgt Ion:168 Resp: 314946
Ion Ratio Lower Upper
168 100
99 66.2 53.0 79.6



#3
Chloromethane
Concen: 1.590 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

Tgt Ion: 50 Resp: 5609
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

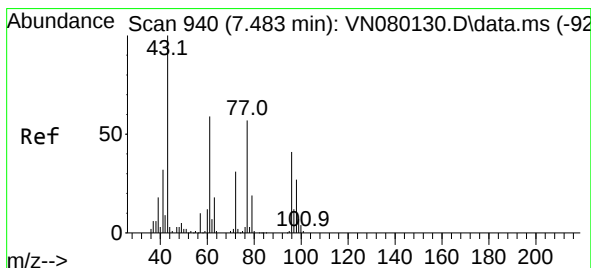
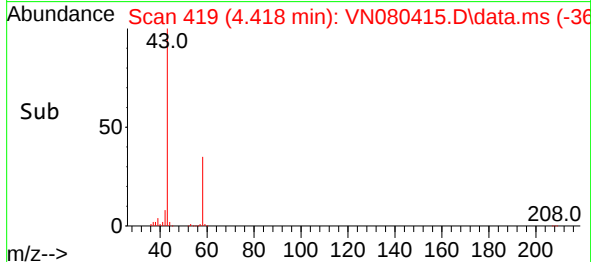
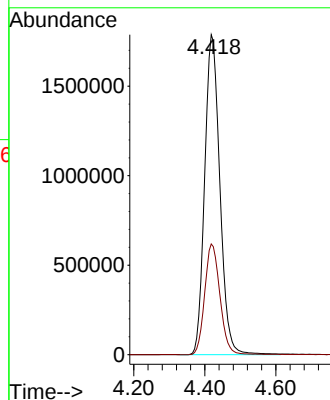
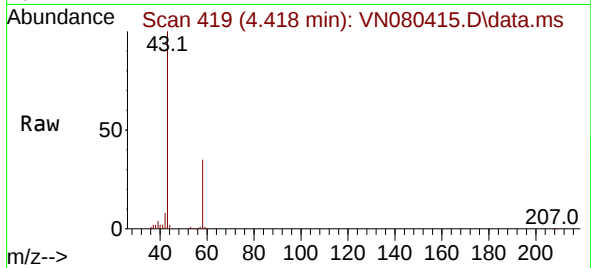




#16
Acetone
Concen: 3053.821 ug/l
RT: 4.418 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

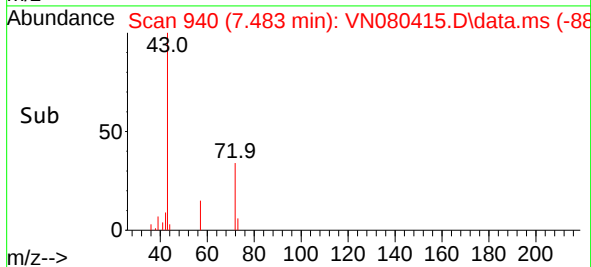
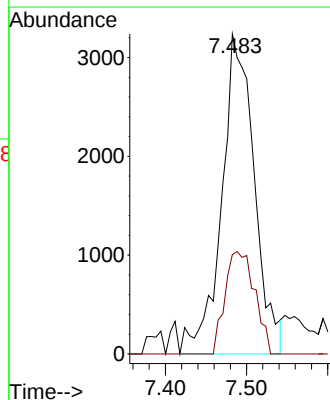
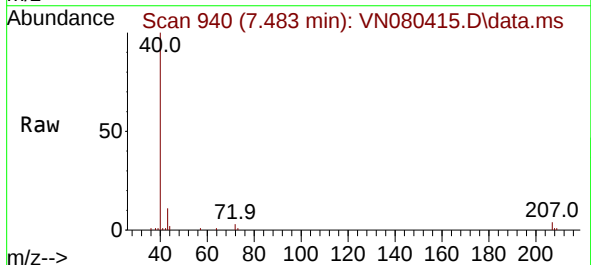
Instrument :
MSVOA_N
ClientSampleId :
A3909

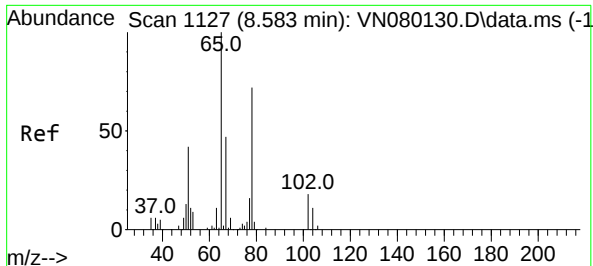
Tgt Ion: 43 Resp: 5333931
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0



#25
2-Butanone
Concen: 4.360 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

Tgt Ion: 43 Resp: 9048
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 45.995 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080415.D

Acq: 08 Dec 2023 18:45

Instrument :

MSVOA_N

ClientSampleId :

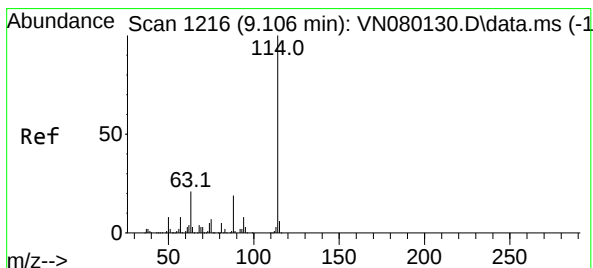
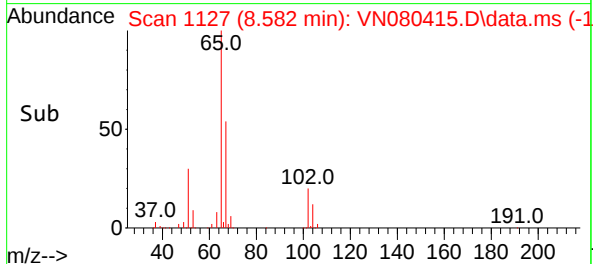
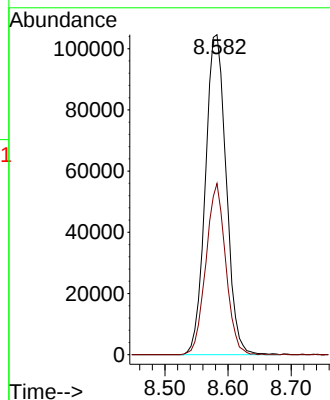
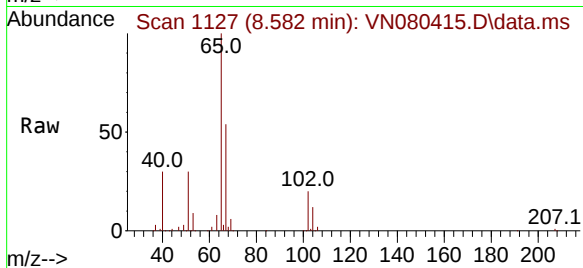
A3909

Tgt Ion: 65 Resp: 239188

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080415.D

Acq: 08 Dec 2023 18:45

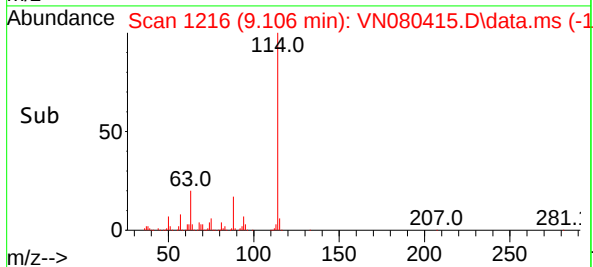
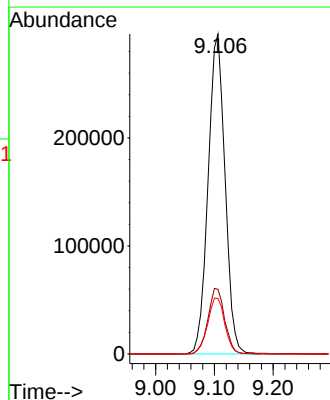
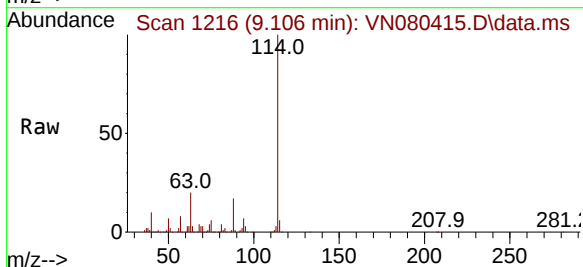
Tgt Ion: 114 Resp: 592525

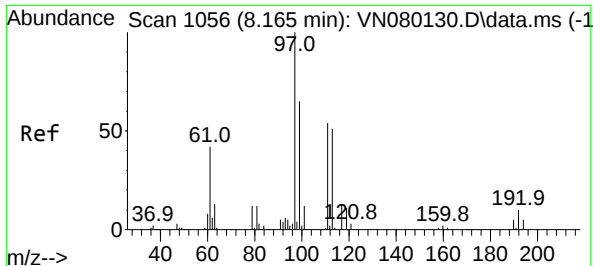
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 17.3 0.0 30.6

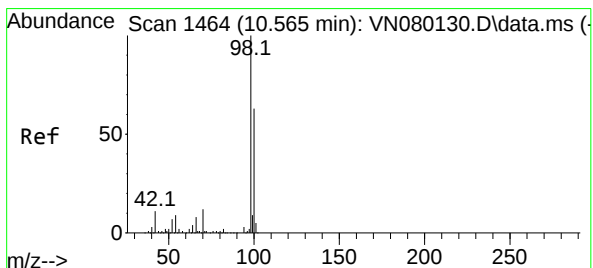
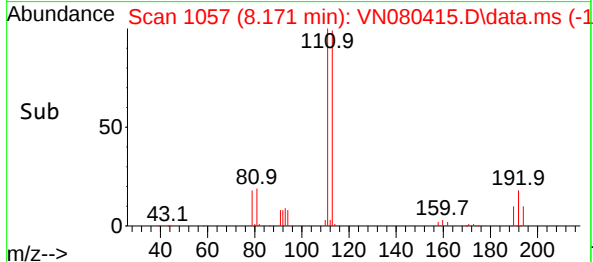
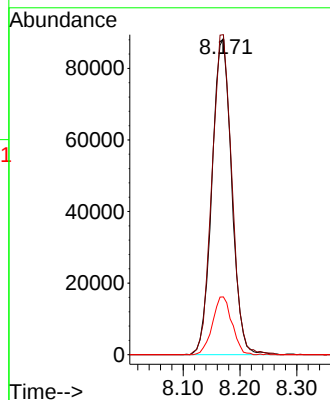
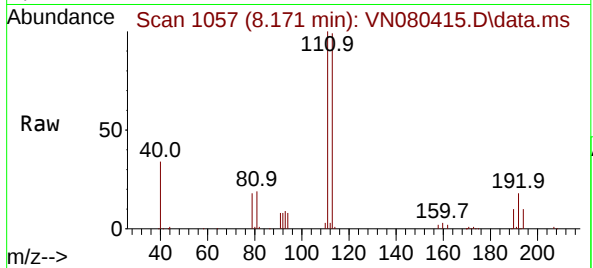




#35
Dibromofluoromethane
Concen: 48.472 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

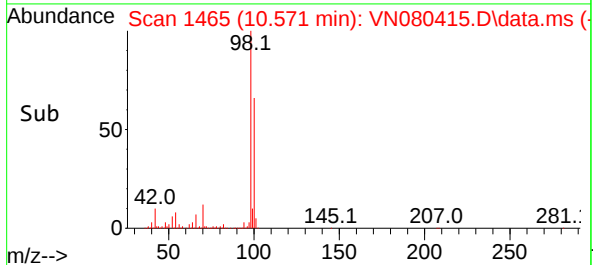
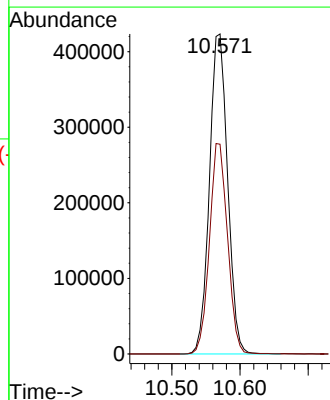
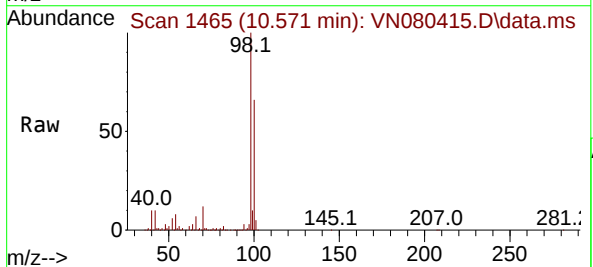
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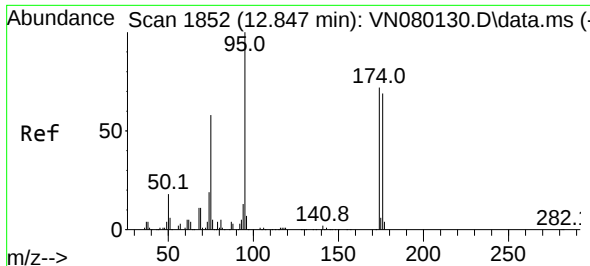
Tgt Ion:113 Resp: 211922
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 18.1 12.7 19.1



#50
Toluene-d8
Concen: 49.860 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

Tgt Ion: 98 Resp: 785805
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

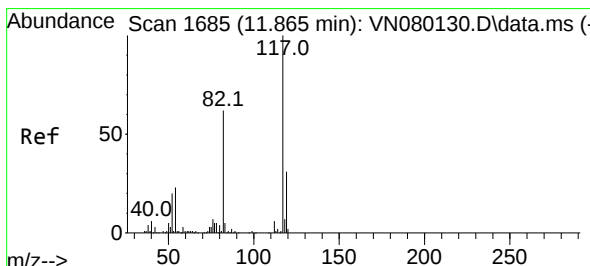
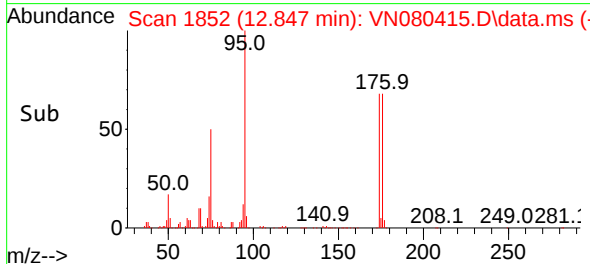
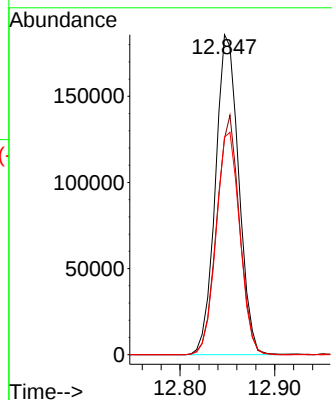
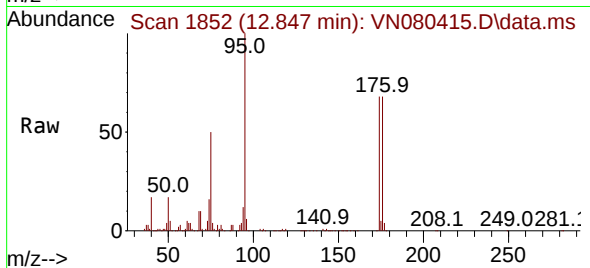




#62
4-Bromofluorobenzene
Concen: 53.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

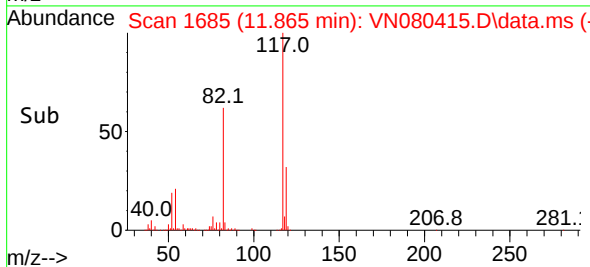
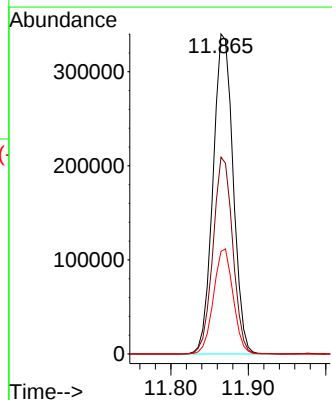
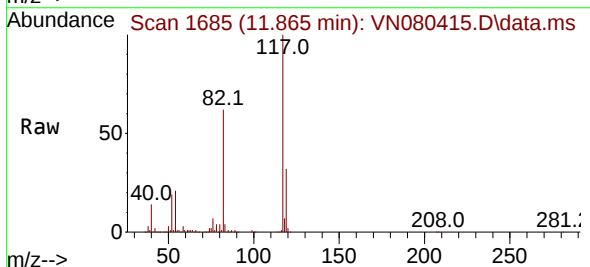
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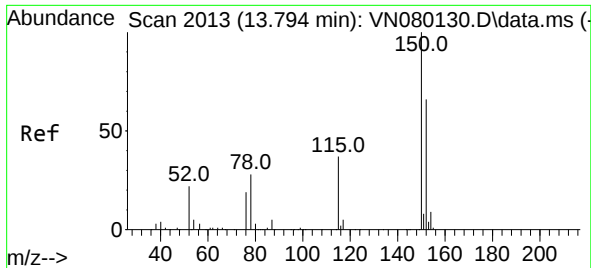
Tgt Ion: 95 Resp: 317763
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080415.D
Acq: 08 Dec 2023 18:45

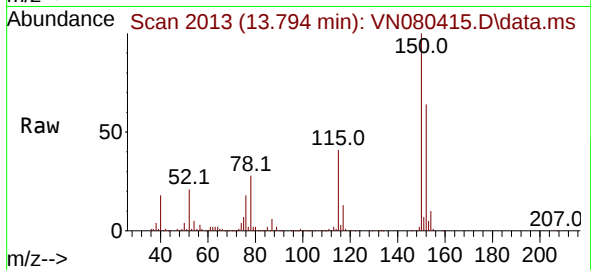
Tgt Ion: 117 Resp: 611785
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080415.D
 Acq: 08 Dec 2023 18:45

Instrument :
 MSVOA_N
 ClientSampleId :
 A3909



Tgt Ion:152 Resp: 255419
 Ion Ratio Lower Upper
 152 100
 115 65.9 32.3 96.8
 150 158.1 0.0 355.8

