

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080583.D
 Acq On : 21 Dec 2023 19:01
 Operator : JC\MD
 Sample : 05975-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-122023

Quant Time: Dec 22 04:06:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

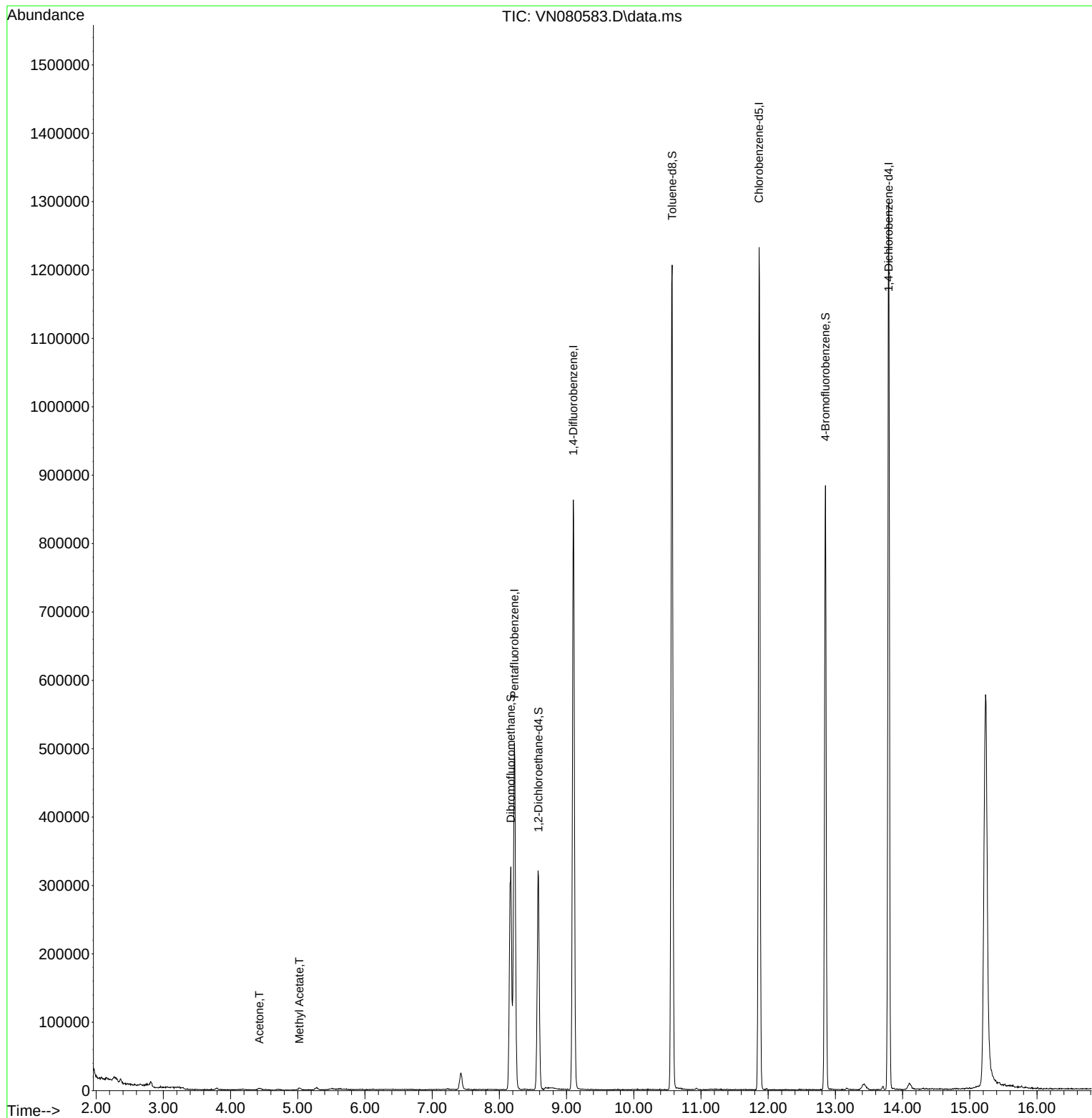
Internal Standards						
1) Pentafluorobenzene	8.224	168	365471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	760666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	717074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	352665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249648	53.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.960%
35) Dibromofluoromethane	8.171	113	238838	49.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	10.571	98	852496	47.395	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.853	95	329793	48.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	4513	5.453	ug/l #	86
18) Methyl Acetate	5.024	43	5629	1.057	ug/l #	76

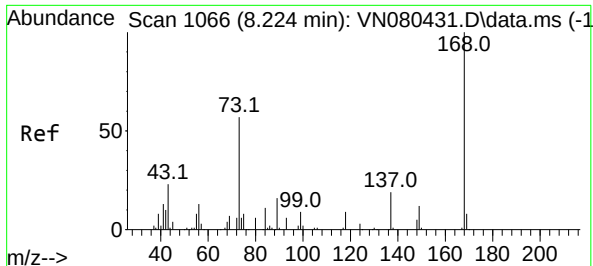
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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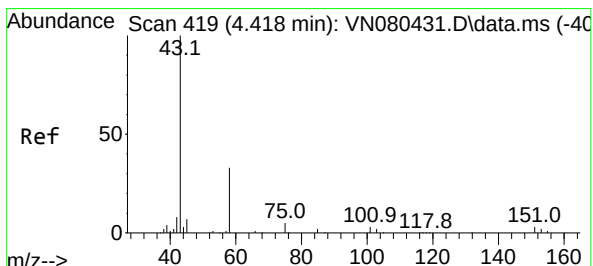
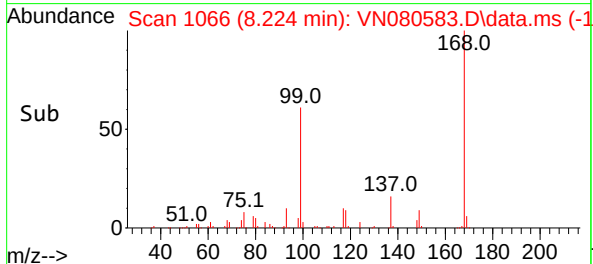
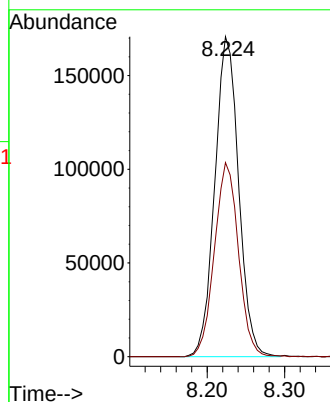
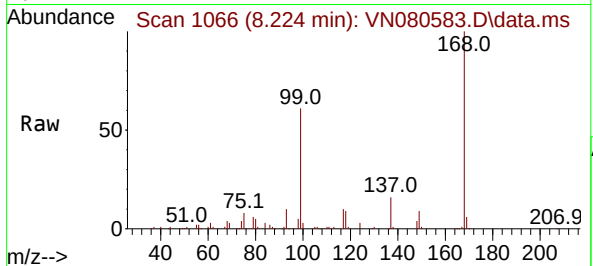




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

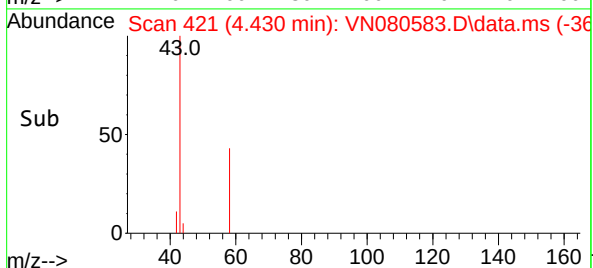
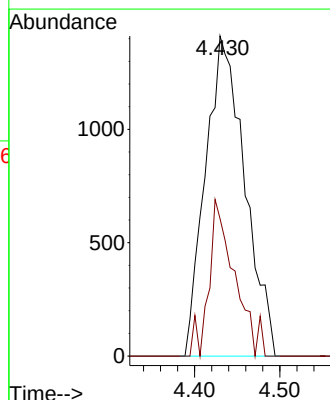
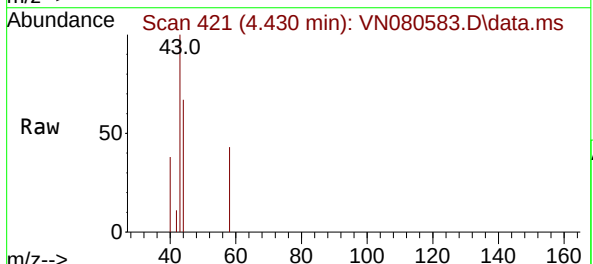
Instrument :
MSVOA_N
ClientSampleId :
FB01-122023

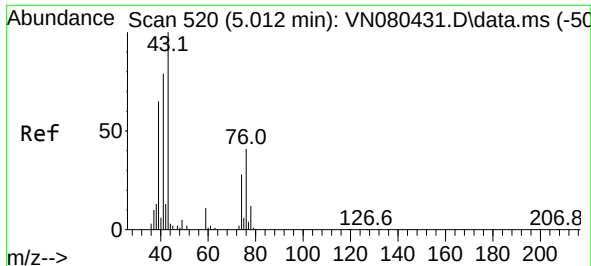
Tgt Ion:168 Resp: 365471
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 5.453 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 42.9 28.0 42.0#





#18

Methyl Acetate

Concen: 1.057 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

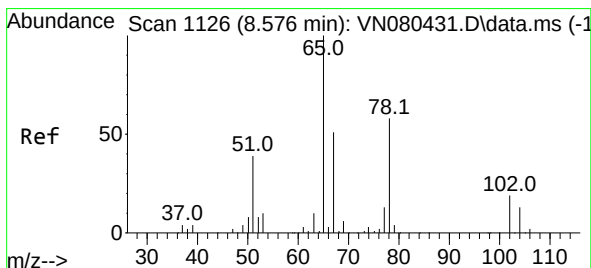
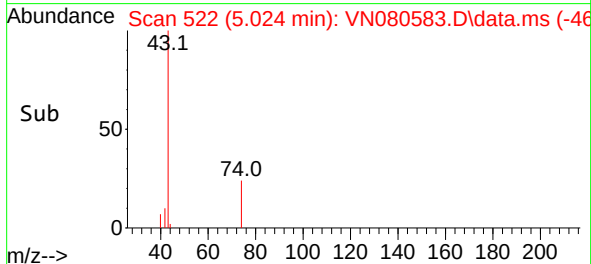
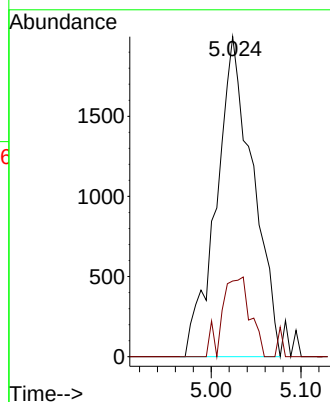
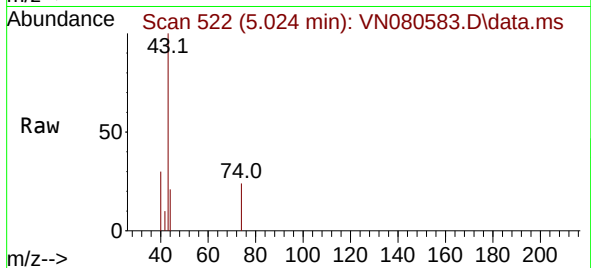
FB01-122023

Tgt Ion: 43 Resp: 5629

Ion Ratio Lower Upper

43 100

74 19.1 26.2 39.4#



#33

1,2-Dichloroethane-d4

Concen: 53.482 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080583.D

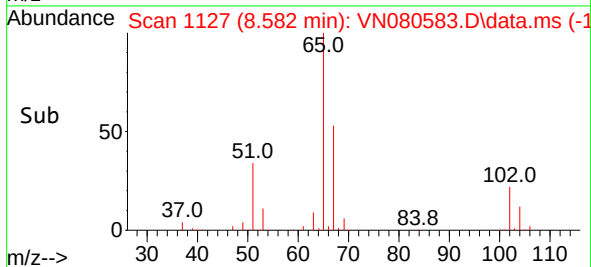
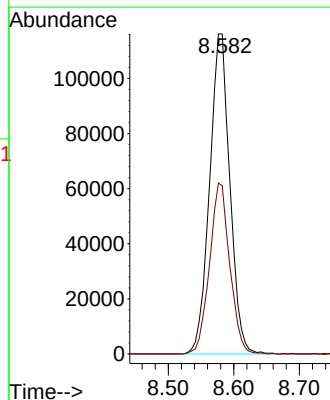
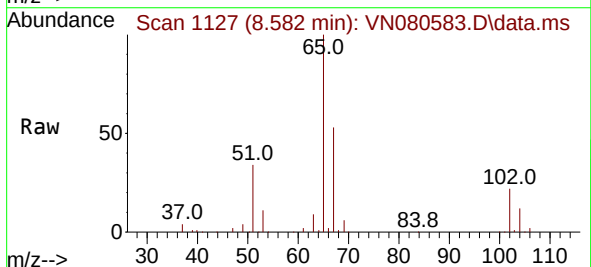
Acq: 21 Dec 2023 19:01

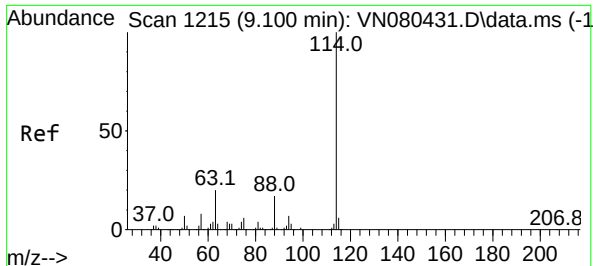
Tgt Ion: 65 Resp: 249648

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

Instrument :

MSVOA_N

ClientSampleId :

FB01-122023

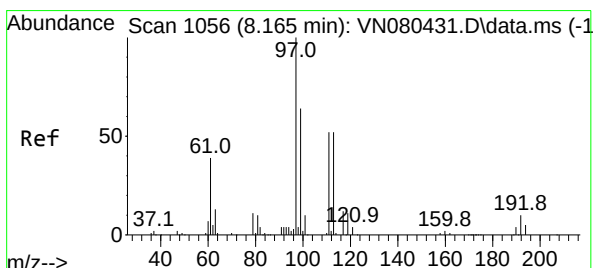
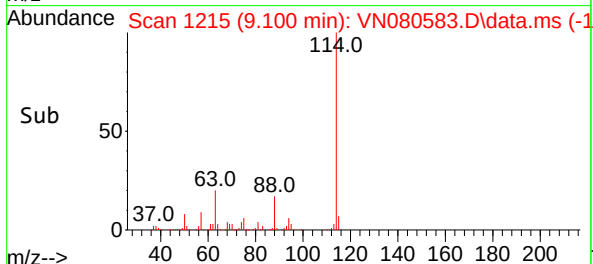
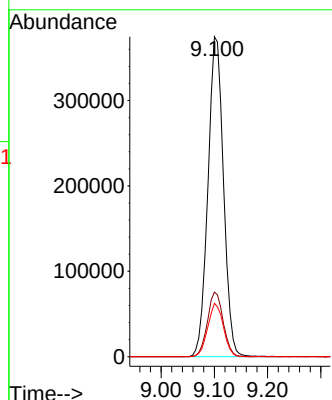
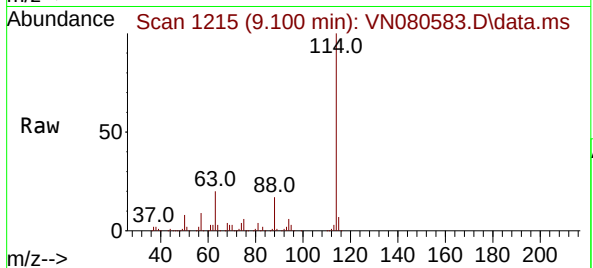
Tgt Ion:114 Resp: 760666

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.521 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080583.D

Acq: 21 Dec 2023 19:01

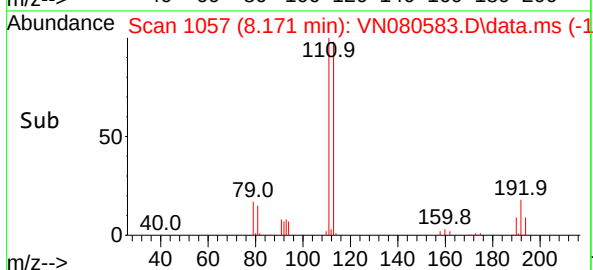
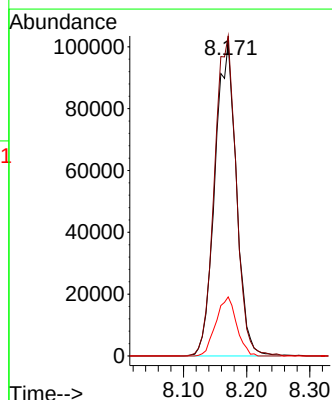
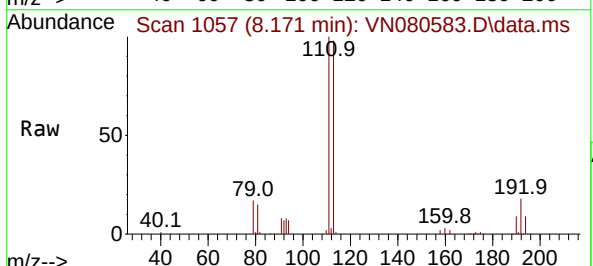
Tgt Ion:113 Resp: 238838

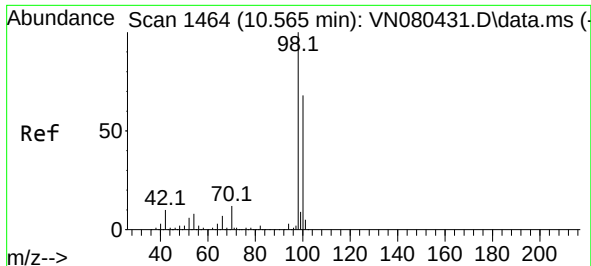
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 18.2 12.7 19.1

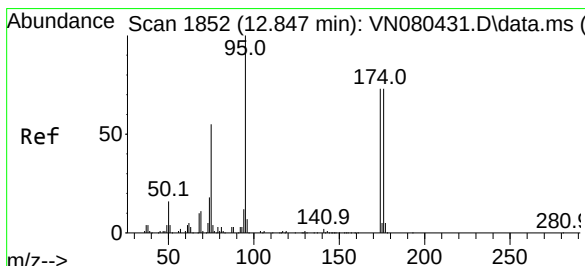
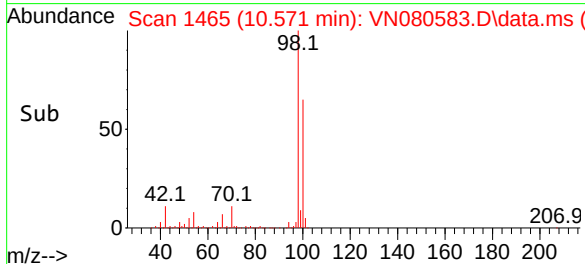
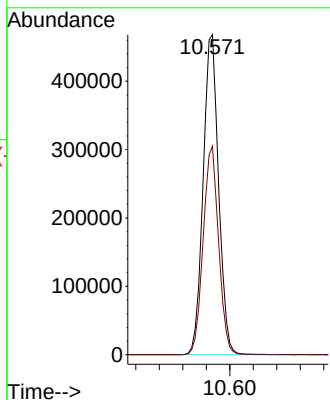
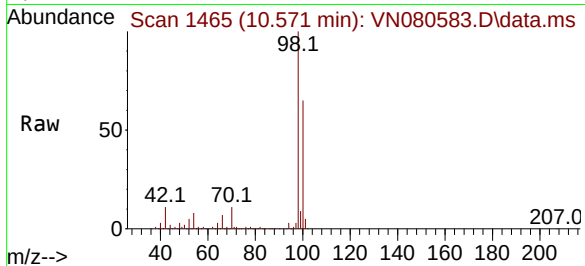




#50
Toluene-d8
Concen: 47.395 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

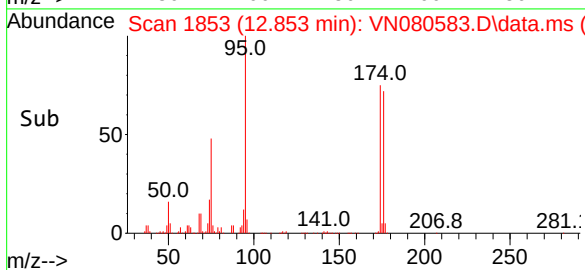
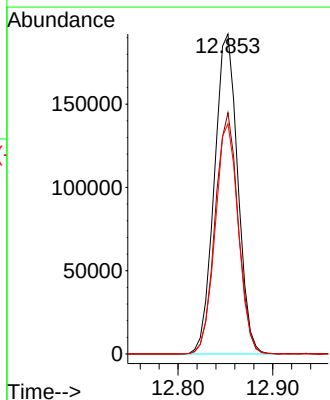
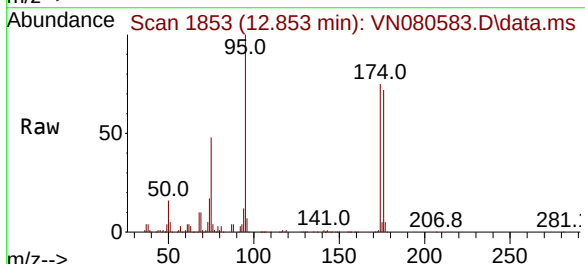
Instrument :
MSVOA_N
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FB01-122023

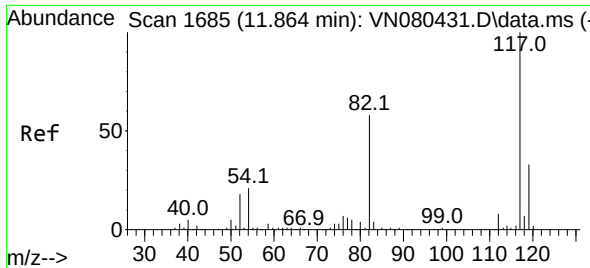
Tgt Ion: 98 Resp: 852496
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.285 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion: 95 Resp: 329793
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.2 0.0 135.8

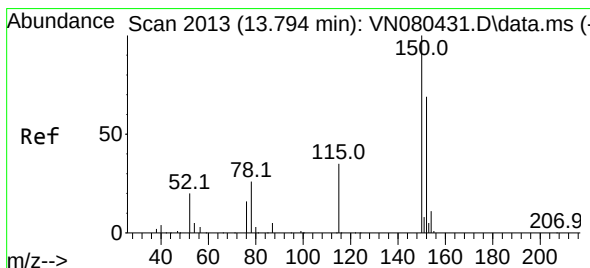
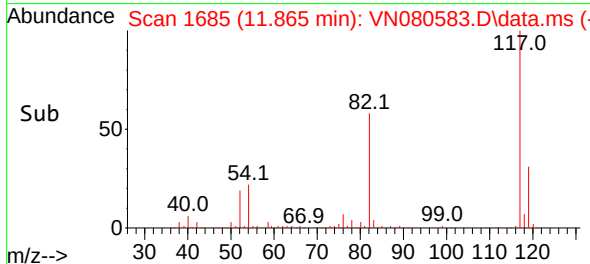
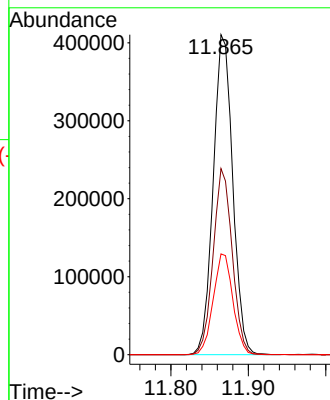
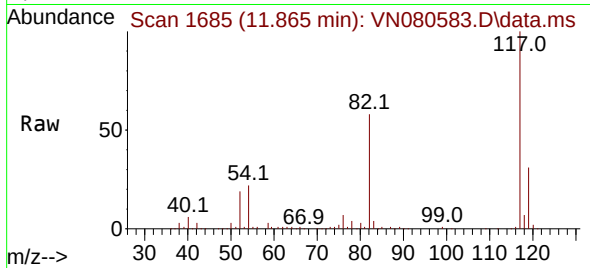




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117074
Delta R.T. 0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Instrument :
MSVOA_N
ClientSampleId :
FB01-122023

Tgt Ion:	117	Resp:	717074
Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.0	66.0
119	31.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080583.D
Acq: 21 Dec 2023 19:01

Tgt Ion:	152	Resp:	352665
Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.3	96.8
150	158.7	0.0	355.8

