

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080470.D
 Acq On : 13 Dec 2023 18:26
 Operator : JC\MD
 Sample : 05791-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1B-00-XX

Quant Time: Dec 14 04:11:19 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)

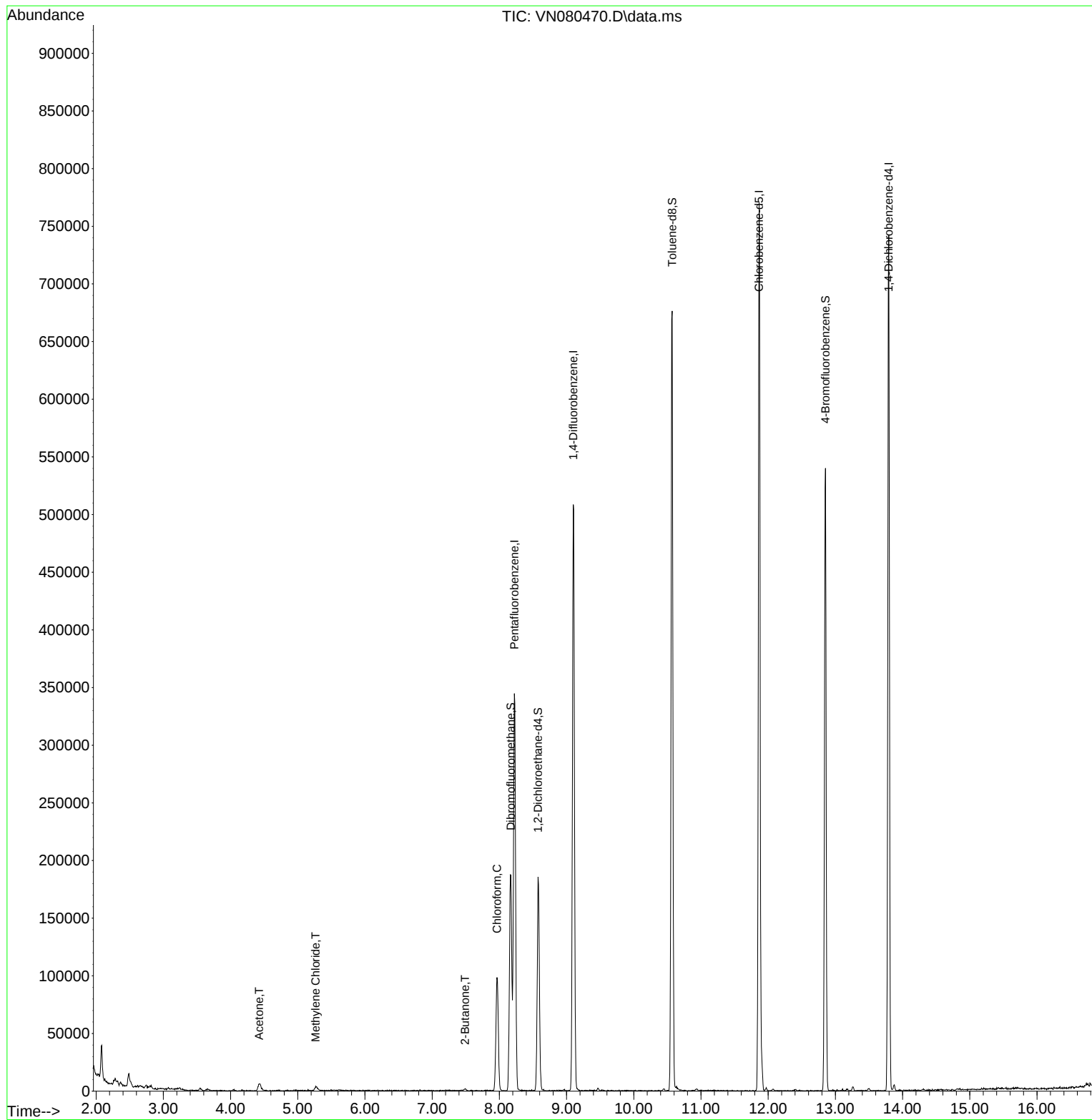
Internal Standards						
1) Pentafluorobenzene	8.224	168	246797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	440446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161500	51.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.460%
35) Dibromofluoromethane	8.171	113	136857	49.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.020%
50) Toluene-d8	10.571	98	476557	45.757	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.853	95	192081	48.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.140%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	12892	23.066	ug/l #	80
20) Methylene Chloride	5.265	84	3036	1.015	ug/l #	85
25) 2-Butanone	7.488	43	2409	2.237	ug/l	93
30) Chloroform	7.965	83	100556	18.327	ug/l	97

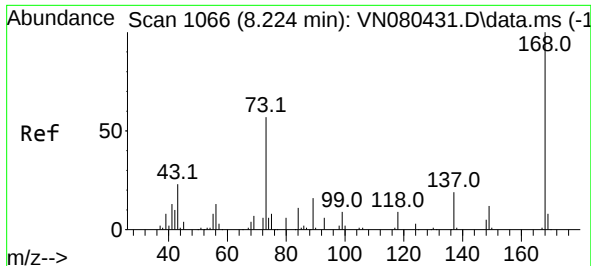
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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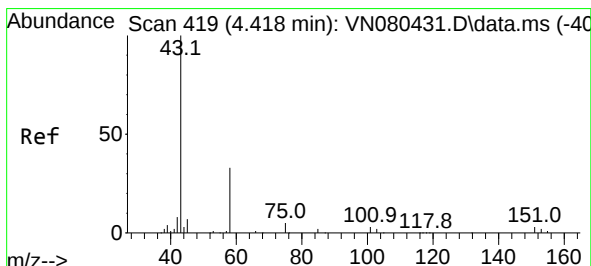
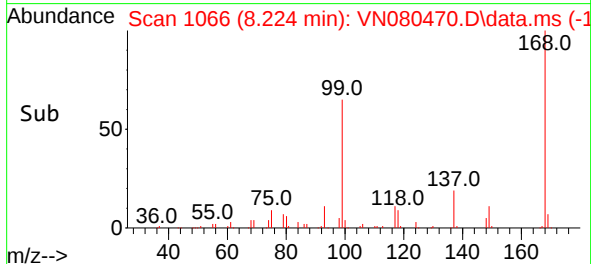
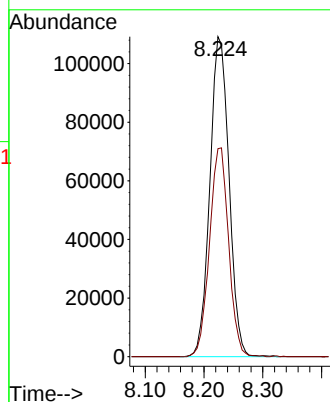
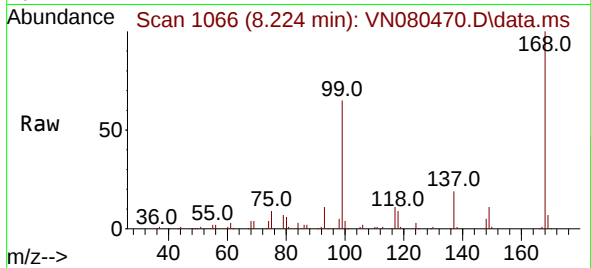




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

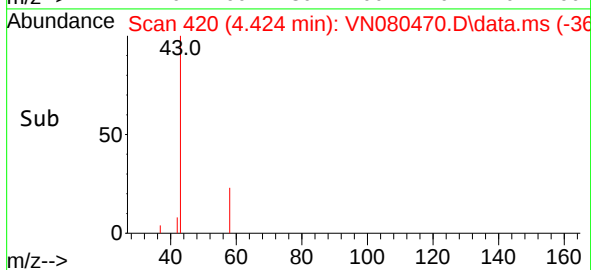
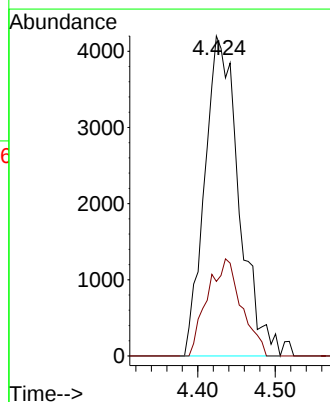
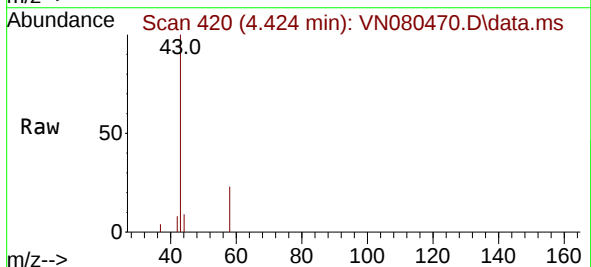
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-00-XX

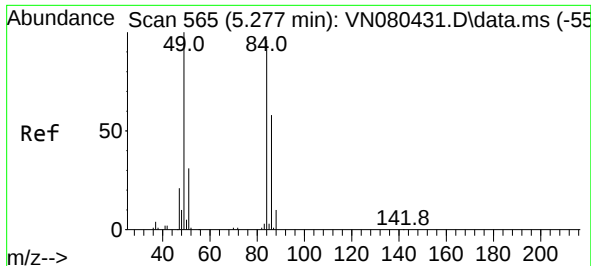
Tgt Ion:168 Resp: 246797
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 23.066 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

Tgt Ion: 43 Resp: 12892
Ion Ratio Lower Upper
43 100
58 23.3 28.0 42.0#

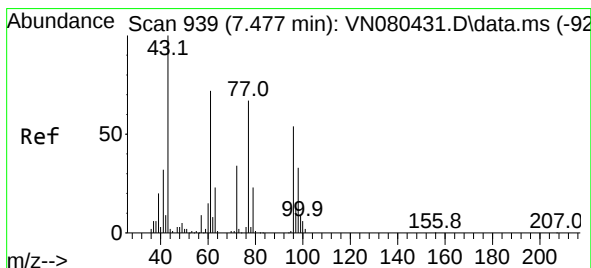
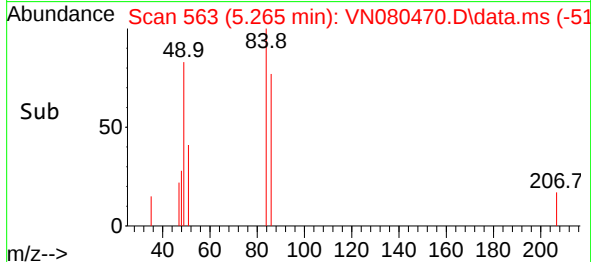
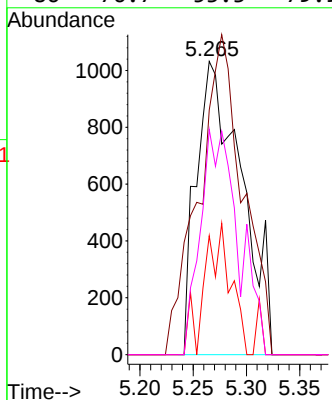
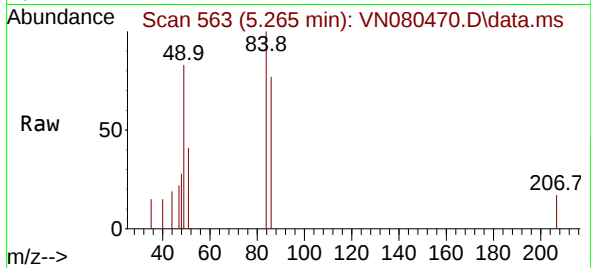




#20
Methylene Chloride
Concen: 1.015 ug/l
RT: 5.265 min Scan# 501
Delta R.T. -0.012 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

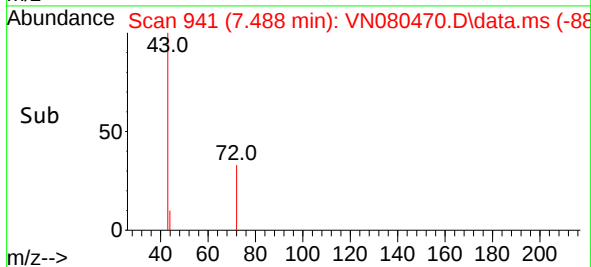
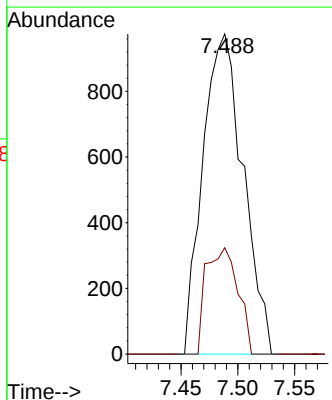
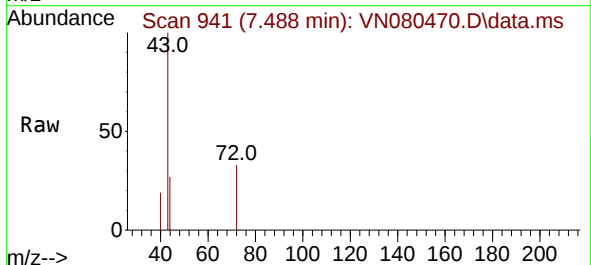
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-00-XX

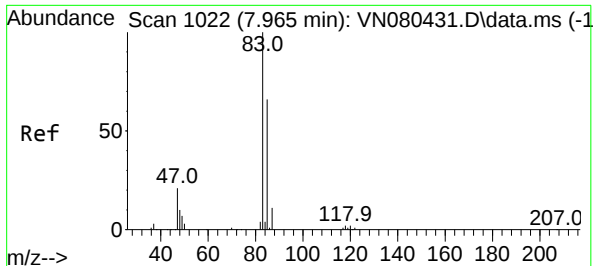
Tgt Ion:	84	Resp:	3036
Ion	Ratio	Lower	Upper
84	100		
49	83.4	79.7	119.5
51	40.5	25.2	37.8#
86	76.7	53.3	79.9



#25
2-Butanone
Concen: 2.237 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

Tgt Ion:	43	Resp:	2409
Ion	Ratio	Lower	Upper
43	100		
72	33.2	30.2	45.2





#30

Chloroform

Concen: 18.327 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN080470.D

Acq: 13 Dec 2023 18:26

Instrument :

MSVOA_N

ClientSampleId :

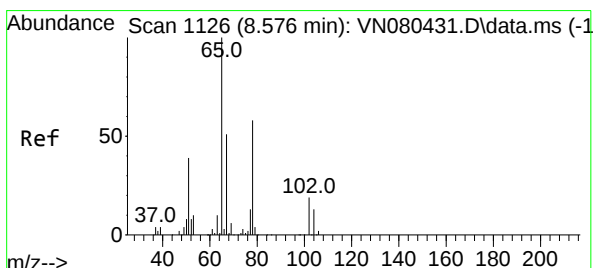
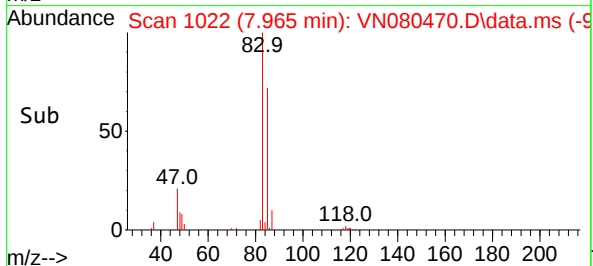
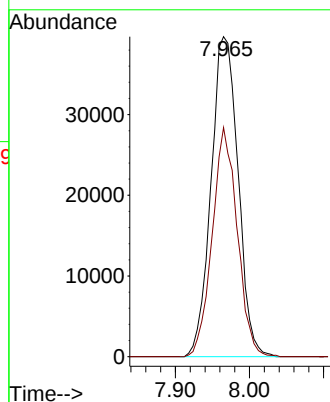
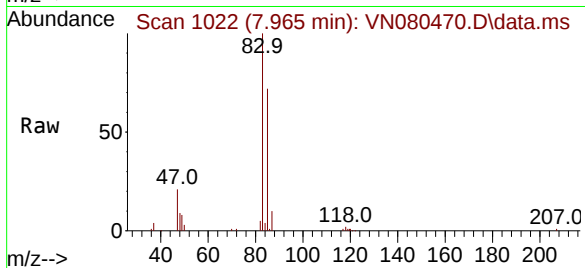
MW-1B-00-XX

Tgt Ion: 83 Resp: 100556

Ion Ratio Lower Upper

83 100

85 71.6 55.4 83.0



#33

1,2-Dichloroethane-d4

Concen: 51.235 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080470.D

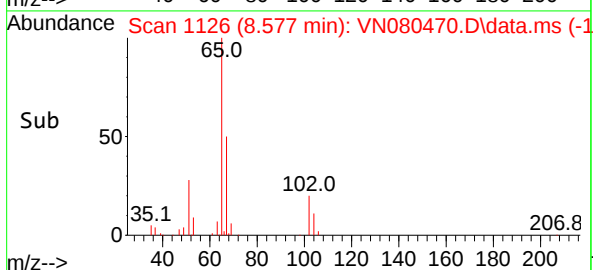
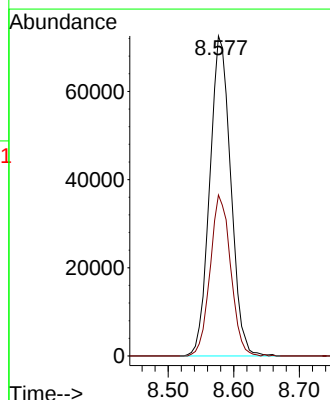
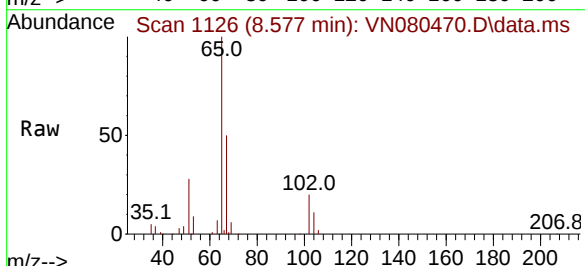
Acq: 13 Dec 2023 18:26

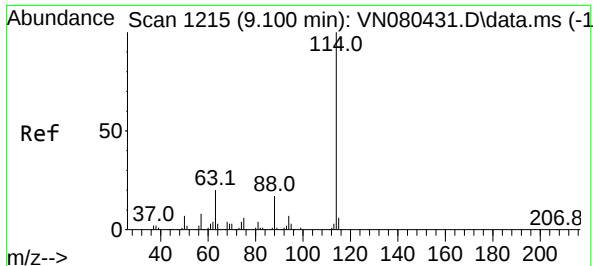
Tgt Ion: 65 Resp: 161500

Ion Ratio Lower Upper

65 100

67 49.0 0.0 106.6

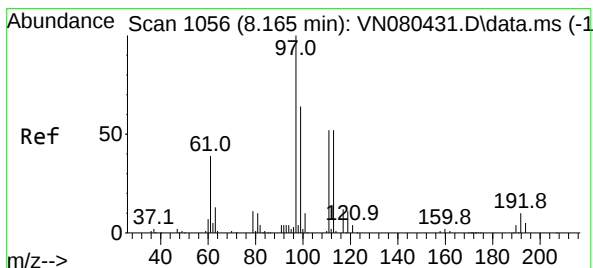
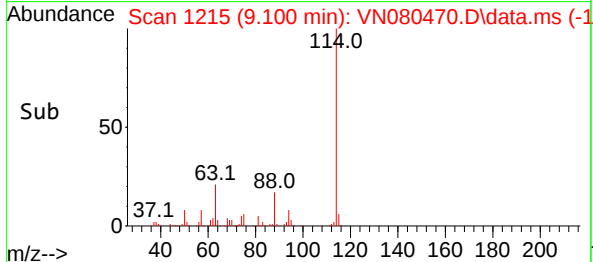
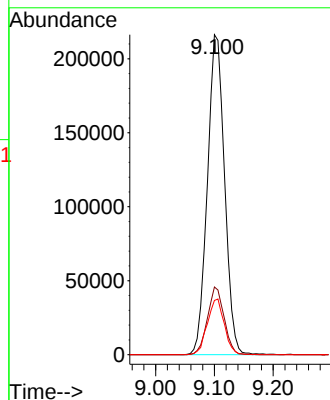
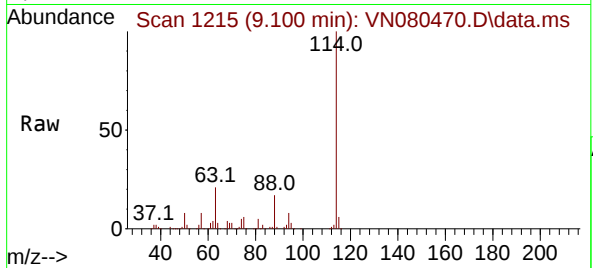




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

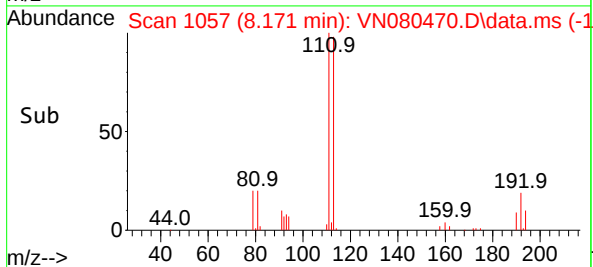
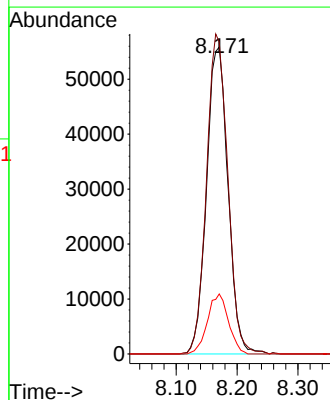
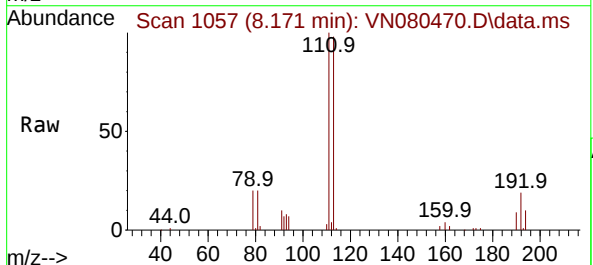
Instrument :
MSVOA_N
ClientSampleId :
MW-1B-00-XX

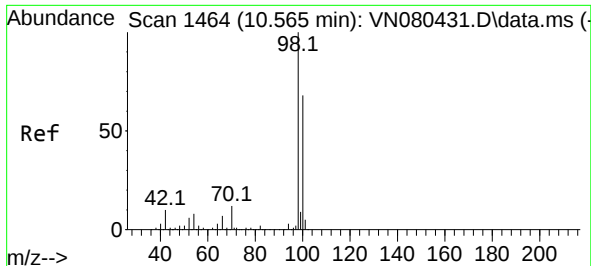
Tgt Ion:114 Resp: 440446
Ion Ratio Lower Upper
114 100
63 21.1 0.0 36.4
88 16.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.007 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

Tgt Ion:113 Resp: 136857
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.1 12.7 19.1#

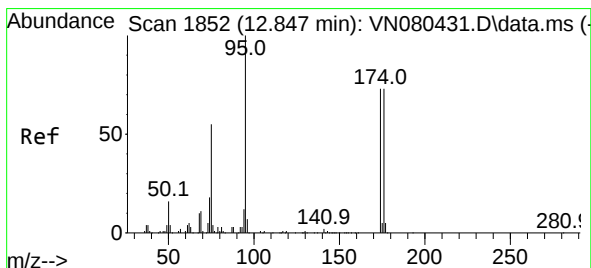
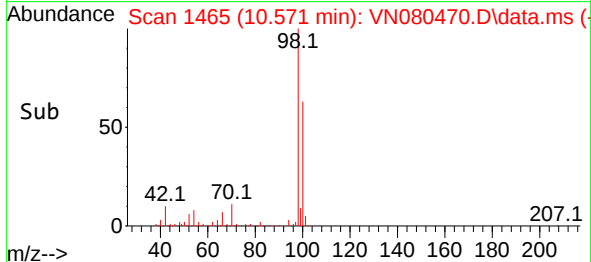
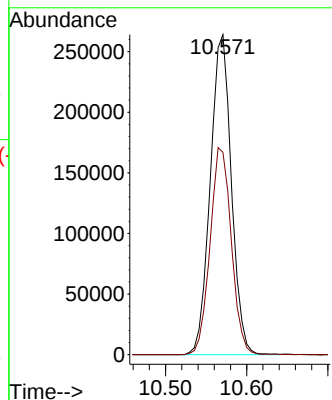
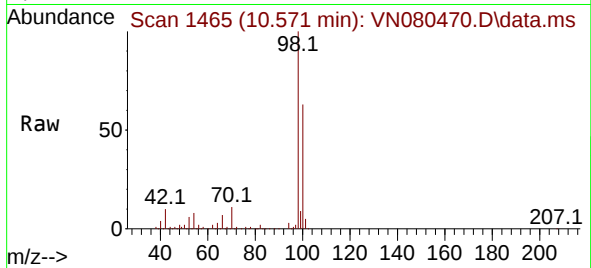




#50
Toluene-d8
Concen: 45.757 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

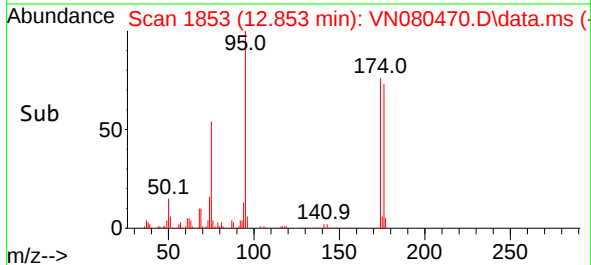
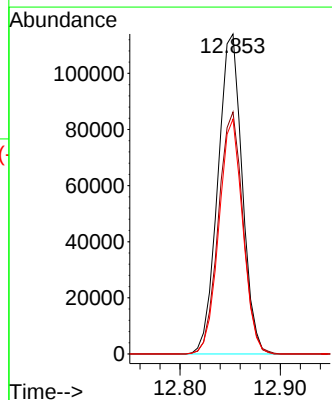
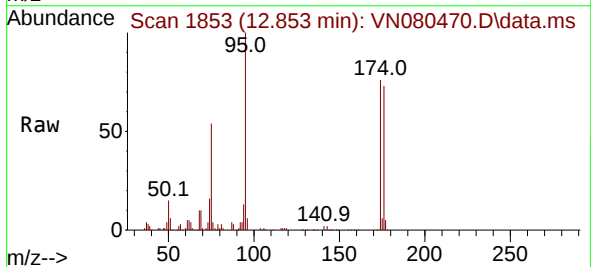
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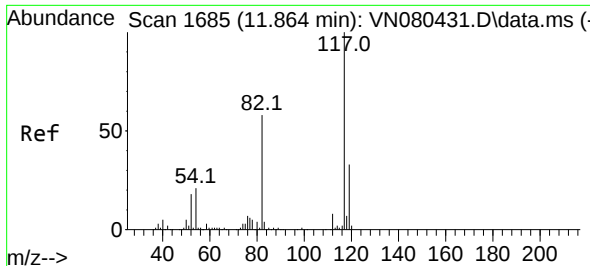
Tgt Ion: 98 Resp: 476557
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.569 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

Tgt Ion: 95 Resp: 192081
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 72.0 0.0 135.8

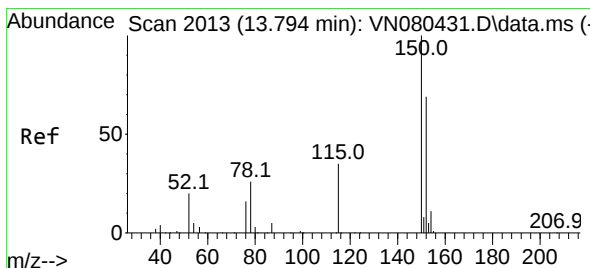
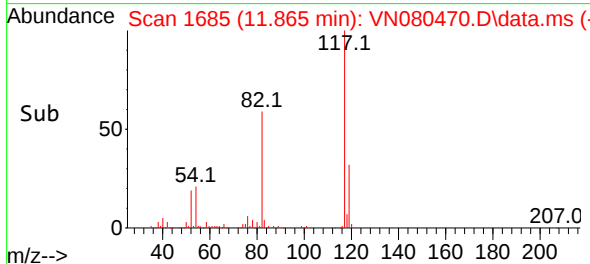
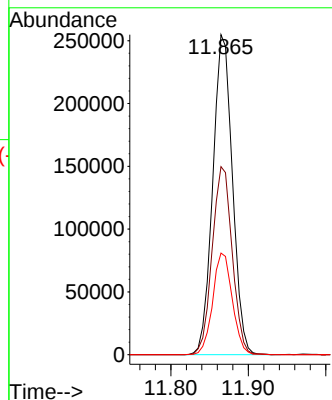
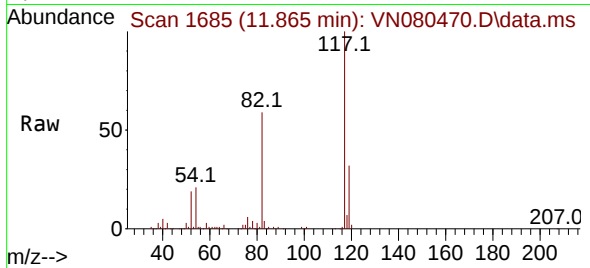




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080470.D
Acq: 13 Dec 2023 18:26

Instrument :
MSVOA_N
ClientSampleId :
MW-1B-00-XX

Tgt Ion:117 Resp: 448727
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.7 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: VN080470.D
Acq: 13 Dec 2023 18:26

Tgt Ion:152 Resp: 204541
Ion Ratio Lower Upper
152 100
115 65.9 32.3 96.8
150 153.2 0.0 355.8

