

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078746.D
 Acq On : 03 Aug 2023 12:31
 Operator : JC\MD
 Sample : VN0803WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBL02

Quant Time: Aug 04 06:30:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

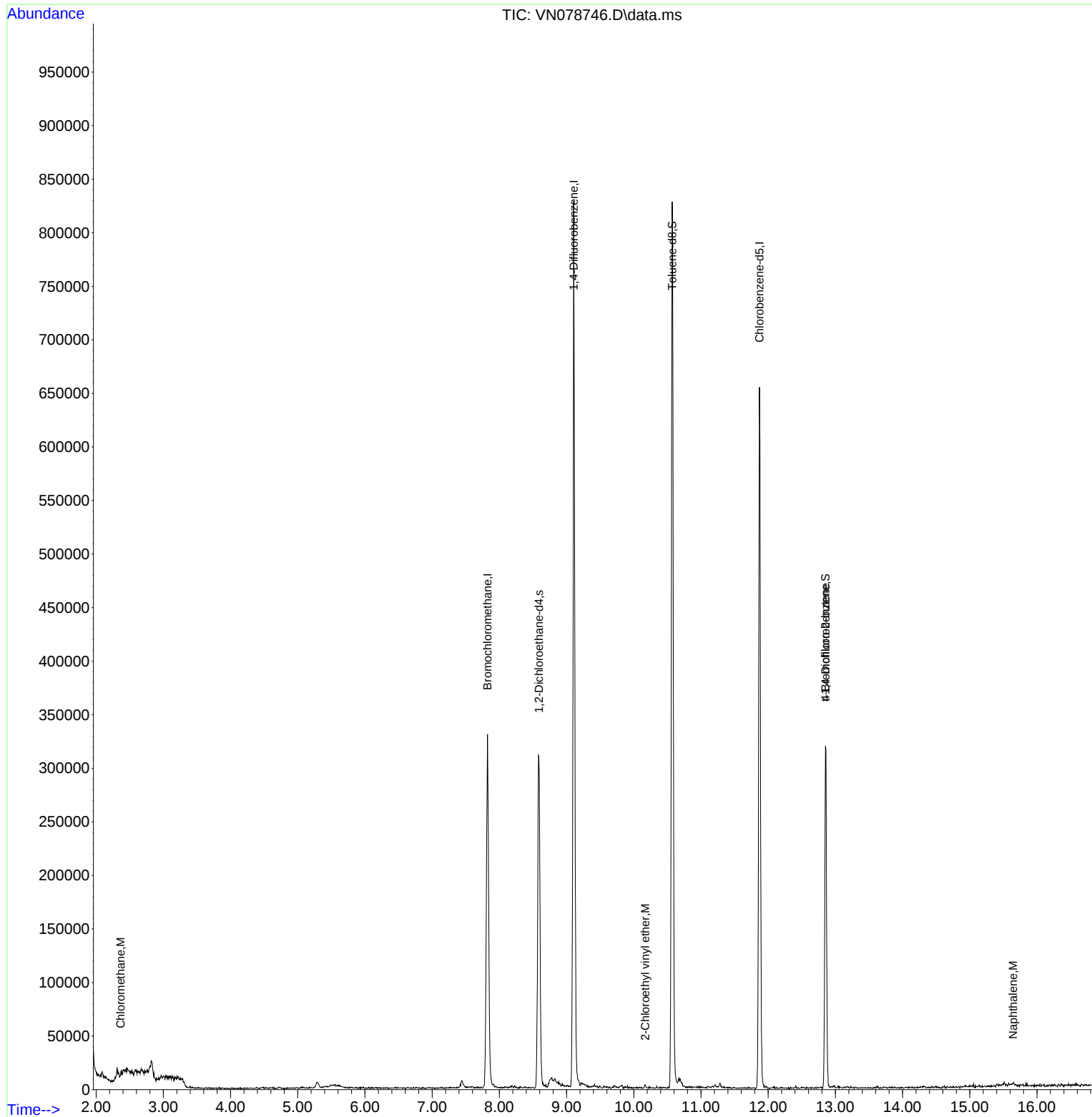
Internal Standards						
1) Bromochloromethane	7.824	128	112199	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	604420	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	394108	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	271600	32.294	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.633%
60) 4-Bromofluorobenzene	12.853	95	112722	19.085	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	63.633%
63) Toluene-d8	10.571	98	605750	31.114	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1947	0.223	ug/l #	44
55) 2-Chloroethyl vinyl ether	10.171	63	1076	0.352	ug/l #	83
77) t-1,4-Dichloro-2-butene	12.853	75	61873	28.280	ug/l #	15
91) Naphthalene	15.647	128	2346	0.290	ug/l #	69

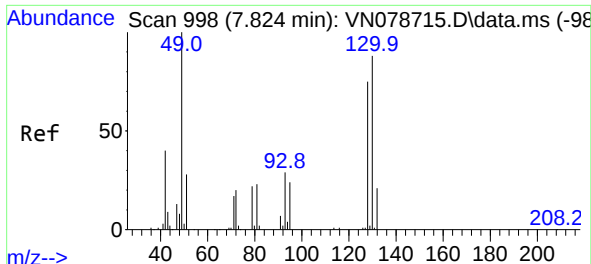
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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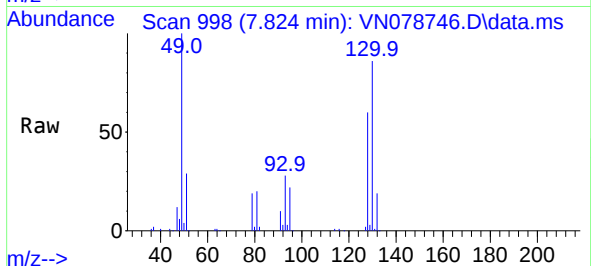
Quant Time: Aug 04 06:30:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
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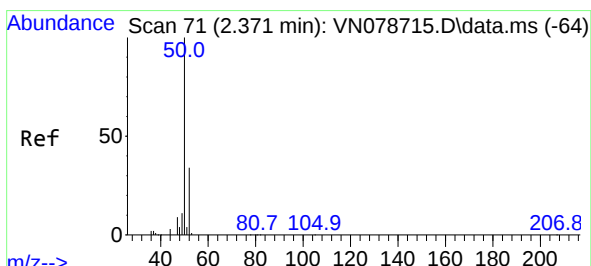
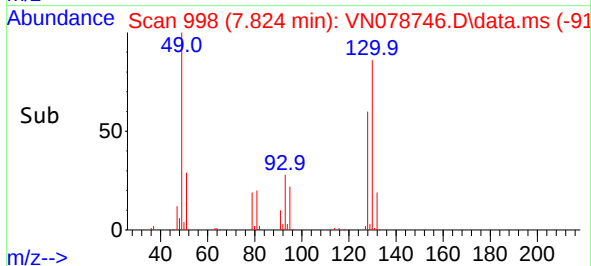
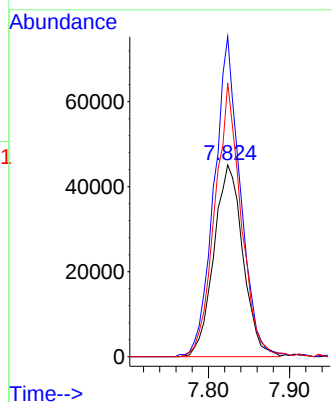


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

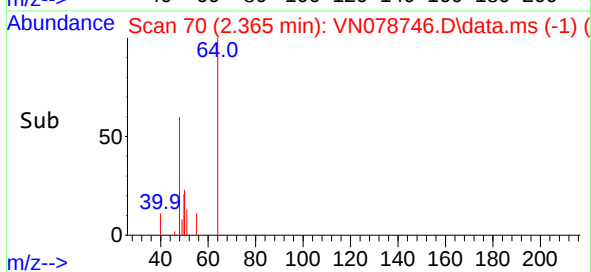
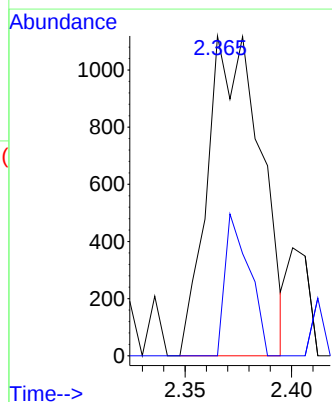
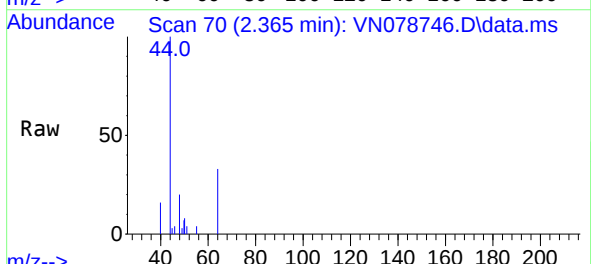


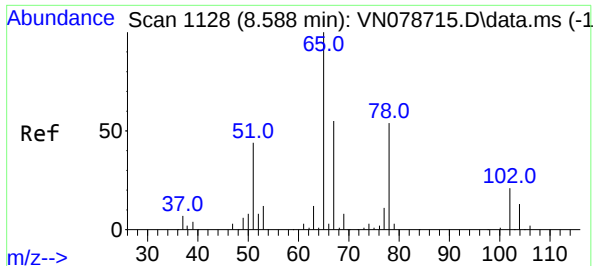
Tgt Ion:128 Resp: 112199
Ion Ratio Lower Upper
128 100
49 150.4 0.0 370.8
130 127.8 0.0 307.0



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 50 Resp: 1947
Ion Ratio Lower Upper
50 100
52 0.0 24.6 36.8#

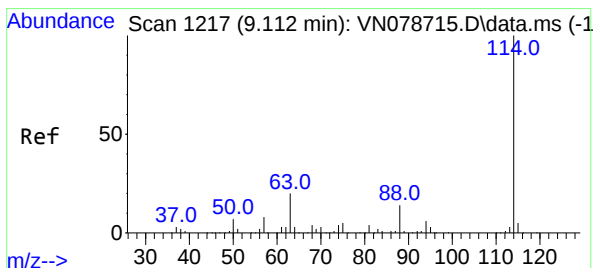
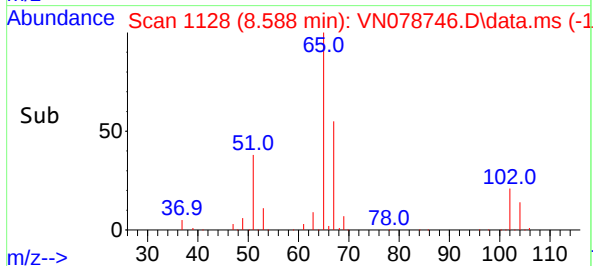
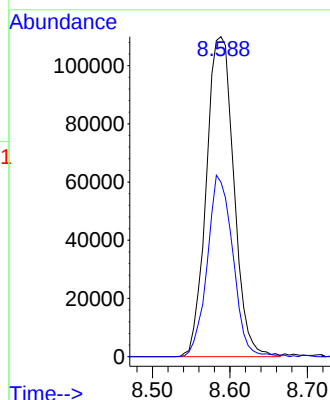
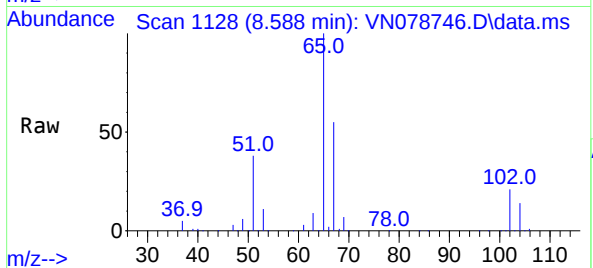




#27
1,2-Dichloroethane-d4
Concen: 32.294 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

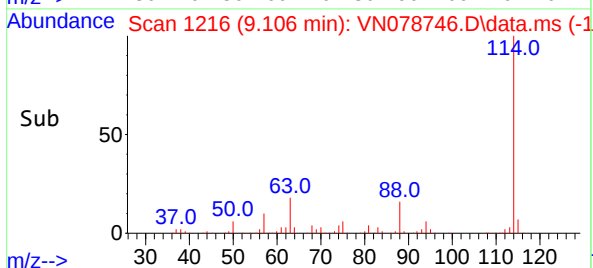
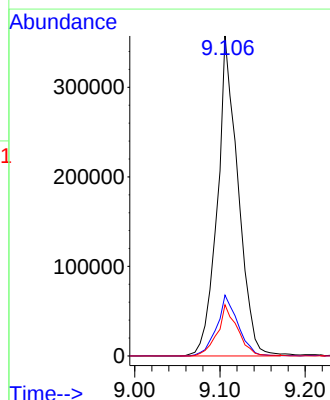
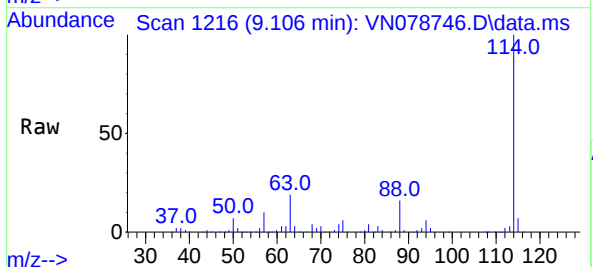
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

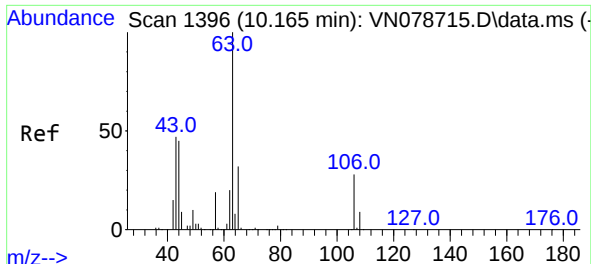
Tgt Ion: 65 Resp: 271600
Ion Ratio Lower Upper
65 100
67 52.5 42.9 64.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 114 Resp: 604420
Ion Ratio Lower Upper
114 100
63 19.5 15.2 22.8
88 15.5 12.5 18.7



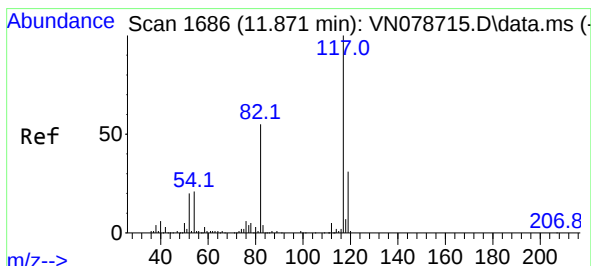
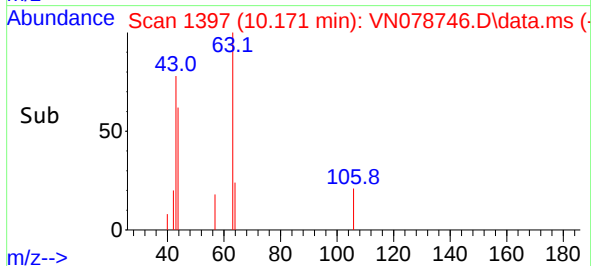
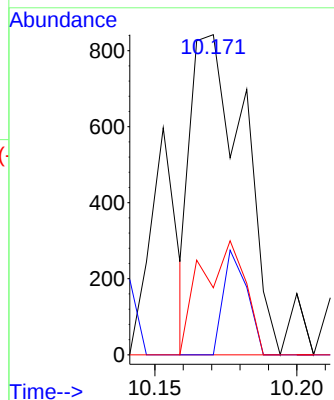
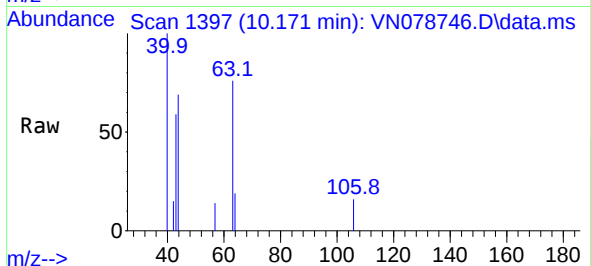


#55
2-Chloroethyl vinyl ether
Concen: 0.352 ug/l
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

Tgt Ion: 63 Resp: 1076

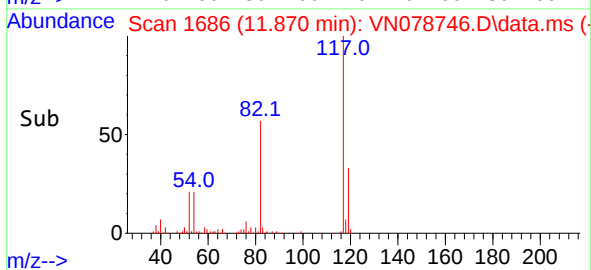
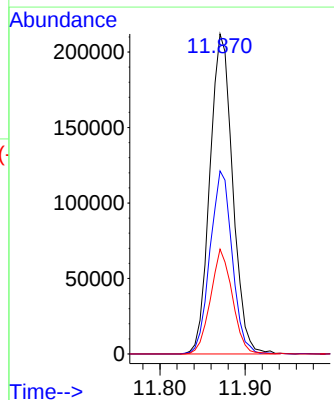
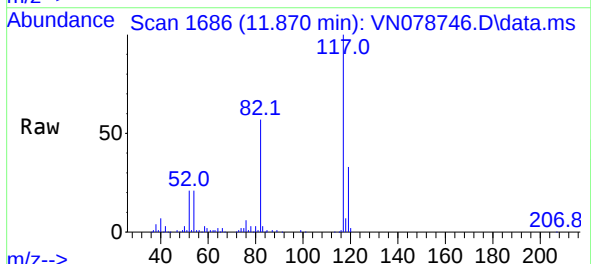
Ion	Ratio	Lower	Upper
63	100		
65	14.9	26.3	39.5#
106	29.9	23.8	35.6

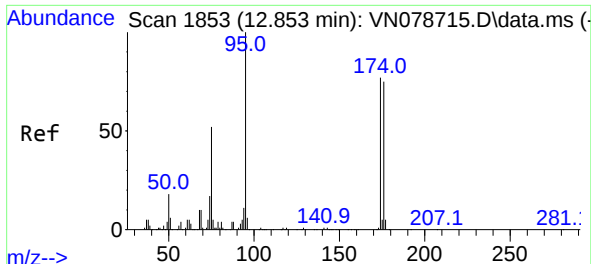


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 117 Resp: 394108

Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.9	65.9
119	31.3	26.2	39.4

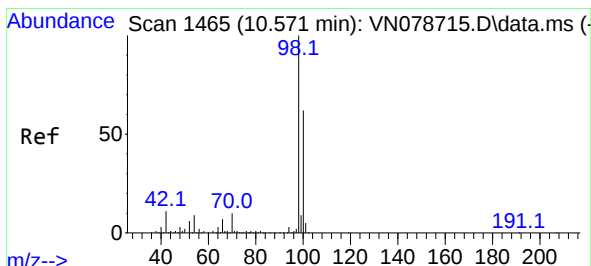
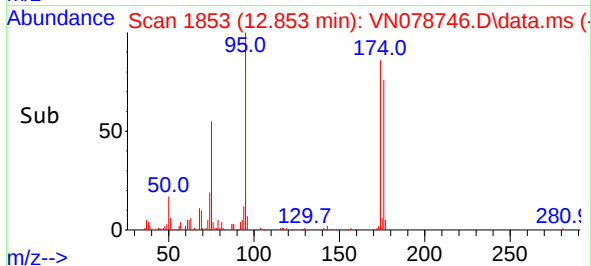
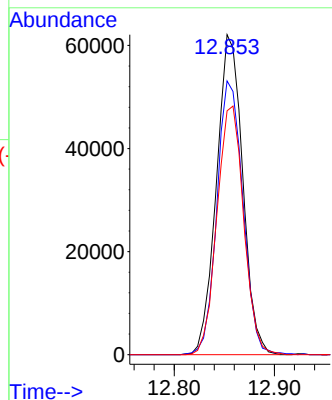
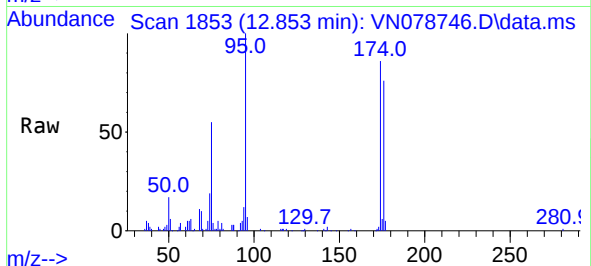




#60
4-Bromofluorobenzene
Concen: 19.085 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

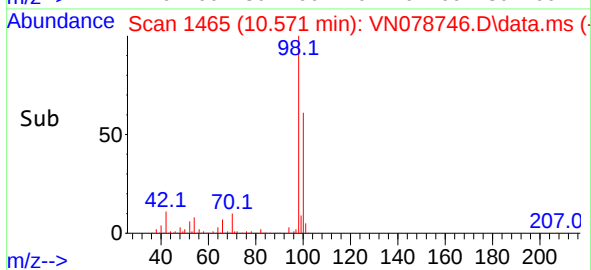
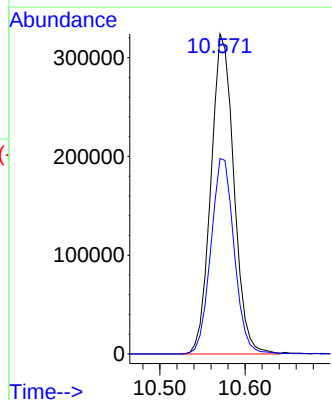
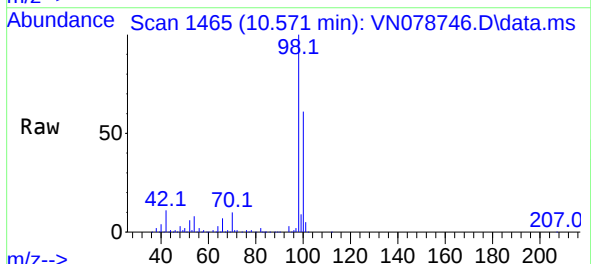
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

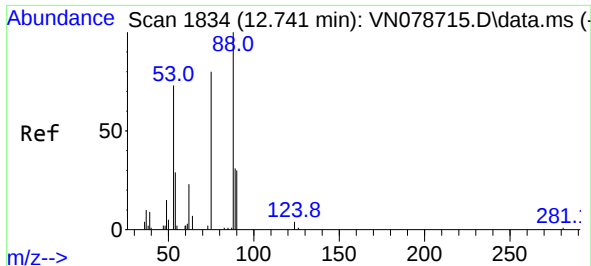
Tgt Ion: 95 Resp: 112722
Ion Ratio Lower Upper
95 100
174 84.9 61.7 92.5
176 79.1 58.1 87.1



#63
Toluene-d8
Concen: 31.114 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 98 Resp: 605750
Ion Ratio Lower Upper
98 100
100 62.1 49.7 74.5

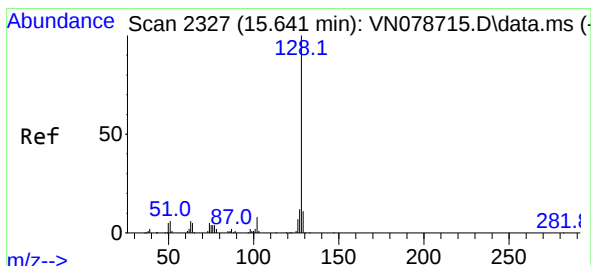
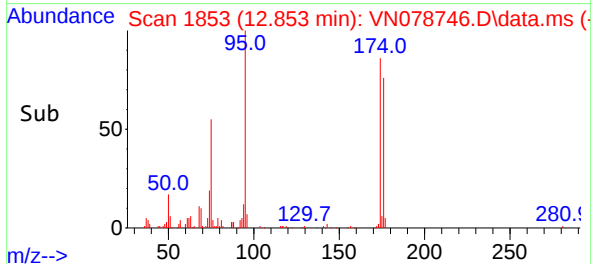
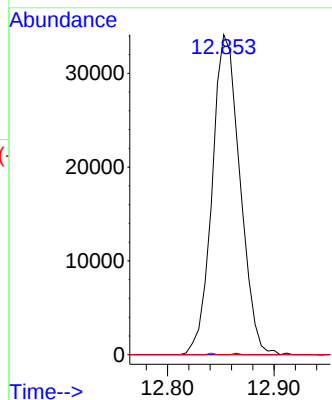
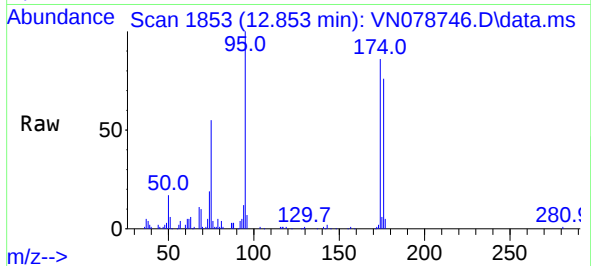




#77
t-1,4-Dichloro-2-butene
Concen: 28.280 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBL02

Tgt Ion: 75 Resp: 61873
Ion Ratio Lower Upper
75 100
53 0.0 41.6 124.9#
89 0.0 25.1 75.4#



#91
Naphthalene
Concen: 0.290 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN078746.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 128 Resp: 2346
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 9.0 13.4#

