

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080259.D
 Acq On : 24 Nov 2023 13:31
 Operator : JC\MD
 Sample : 05525-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 27 04:06:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

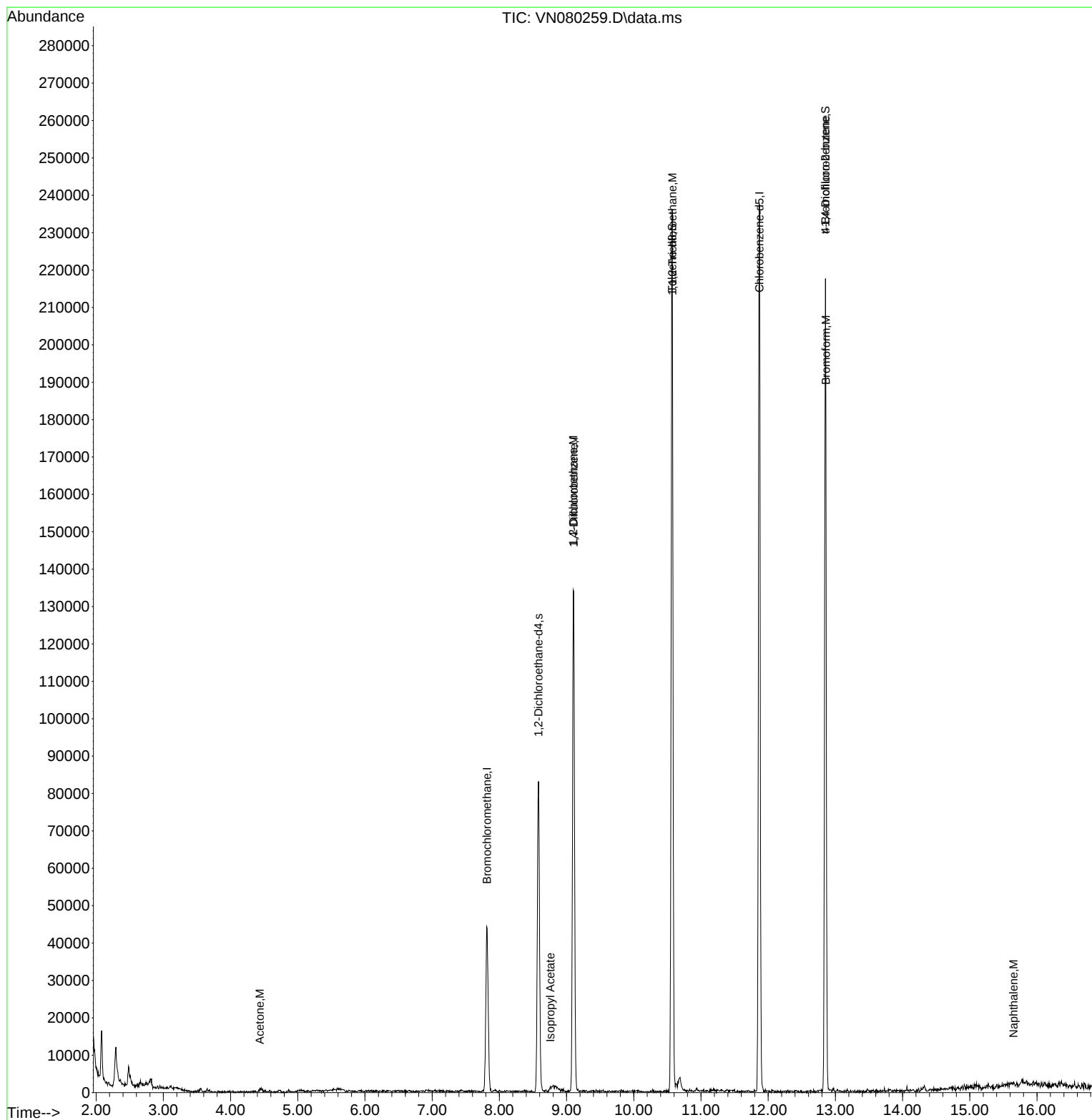
Internal Standards						
1) Bromochloromethane	7.818	128	15284	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	110257	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.870	117	137694	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	76876	59.920	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 199.733%#			
60) 4-Bromofluorobenzene	12.853	95	74060	33.634	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 112.100%#			
63) Toluene-d8	10.570	98	164507	25.215	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 84.033%#			
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	137	0.837	ug/l #	1
36) 1,2-Dichloroethane	9.100	62	4720	2.320	ug/l #	75
44) Isopropyl Acetate	8.759	43	729	0.264	ug/l #	1
50) 1,1,2-Trichloroethane	10.576	97	4771	3.637	ug/l #	1
56) Bromoform	12.859	173	218	0.237	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.853	75	40304	52.214	ug/l #	7
91) Naphthalene	15.652	128	1080	0.228	ug/l #	69

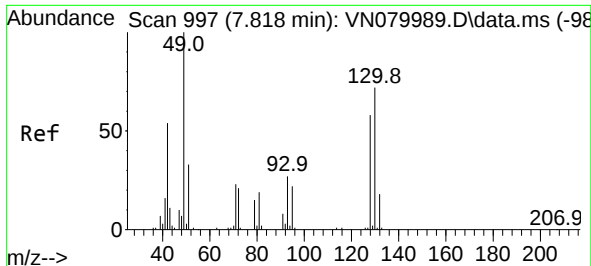
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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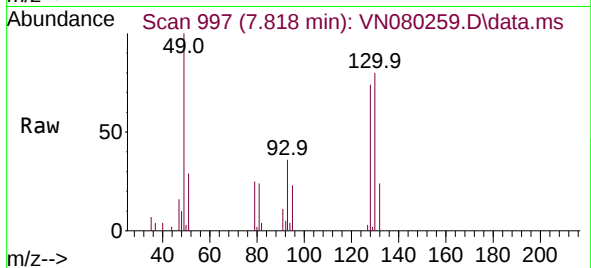
Quant Time: Nov 27 04:06:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
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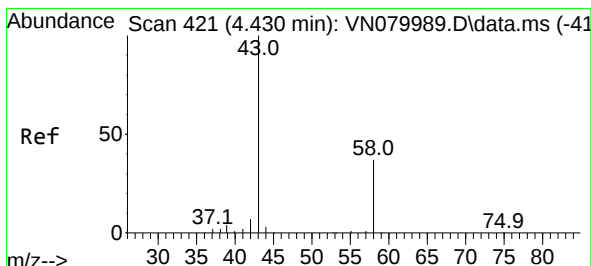
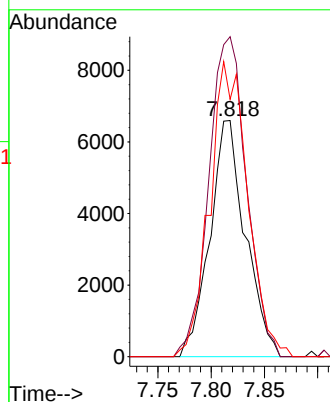
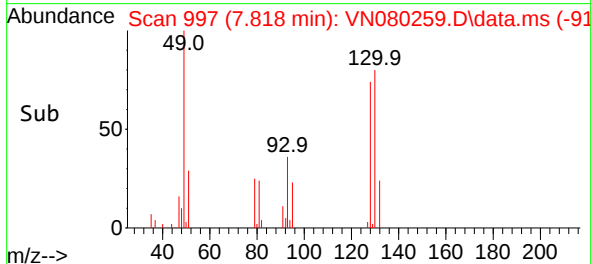


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

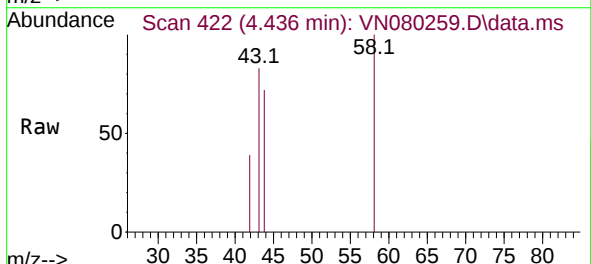
Instrument :
MSVOA_N
ClientSampleId :



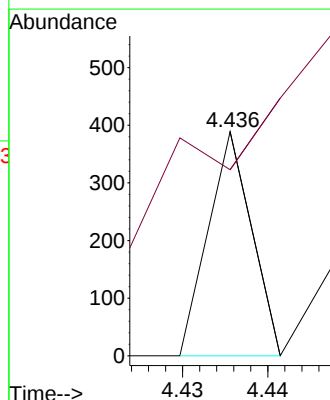
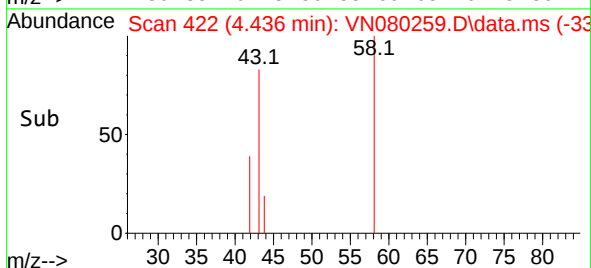
Tgt Ion:128 Resp: 15284
Ion Ratio Lower Upper
128 100
49 144.4 0.0 468.5
130 133.9 0.0 320.7

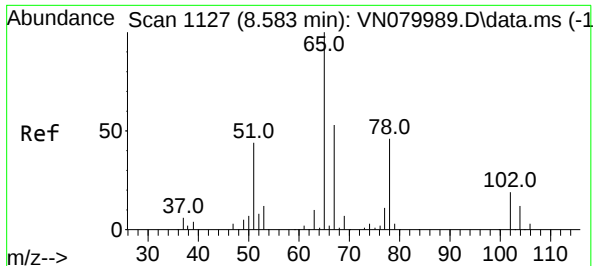


#15
Acetone
Concen: 0.837 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.000 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31



Tgt Ion: 58 Resp: 137
Ion Ratio Lower Upper
58 100
43 0.0 225.2 337.8#

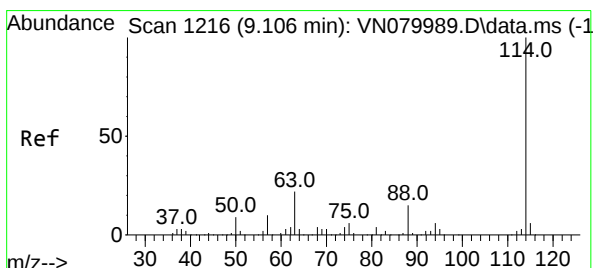
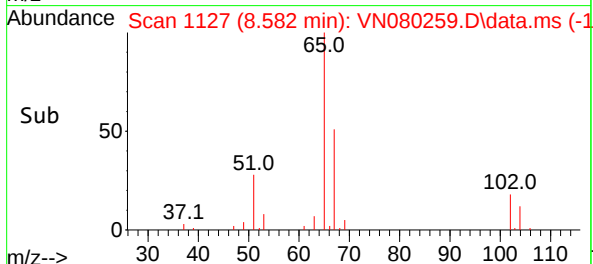
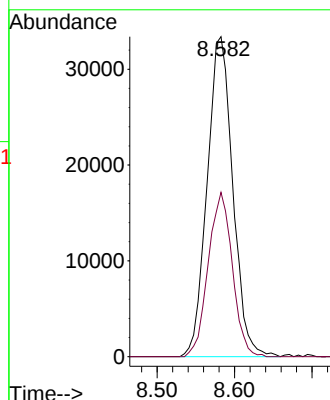
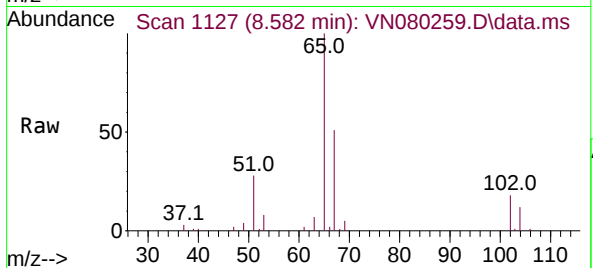




#27
 1,2-Dichloroethane-d4
 Concen: 59.920 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN080259.D
 Acq: 24 Nov 2023 13:31

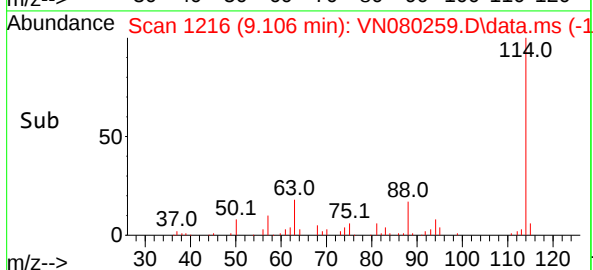
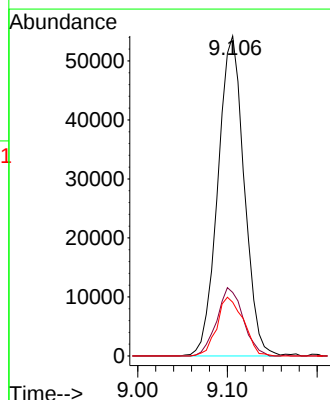
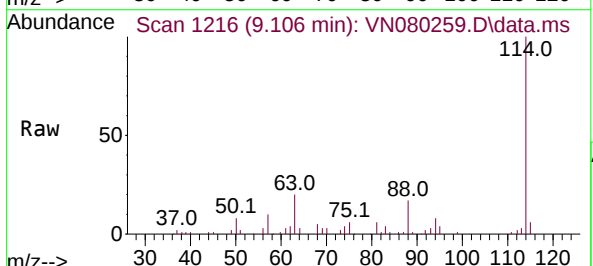
Instrument :
 MSVOA_N
 ClientSampleId :

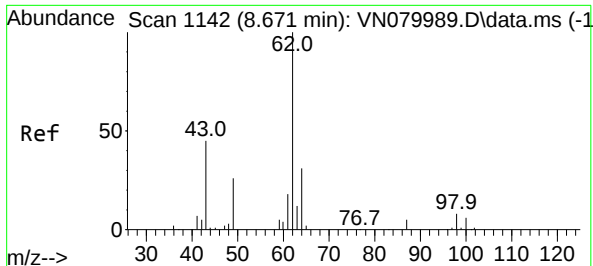
Tgt Ion: 65 Resp: 76876
 Ion Ratio Lower Upper
 65 100
 67 48.2 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080259.D
 Acq: 24 Nov 2023 13:31

Tgt Ion: 114 Resp: 110257
 Ion Ratio Lower Upper
 114 100
 63 21.4 18.1 27.1
 88 18.4 12.2 18.2#





#36

1,2-Dichloroethane

Concen: 2.320 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.429 min

Lab File: VN080259.D

Acq: 24 Nov 2023 13:31

Instrument :

MSVOA_N

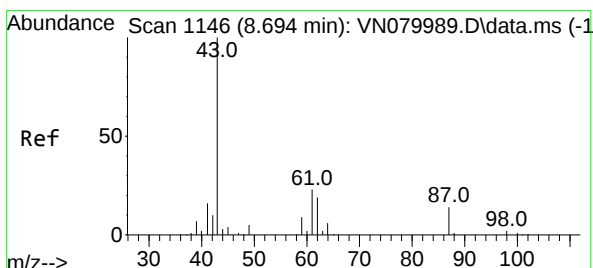
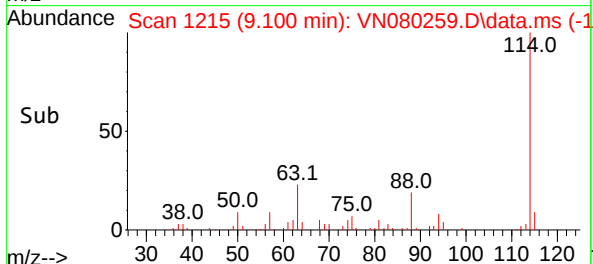
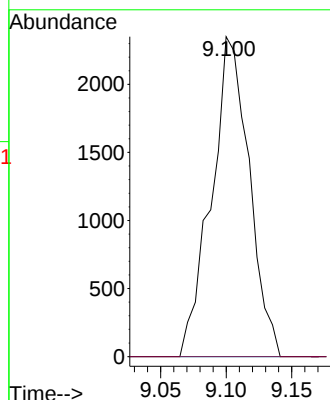
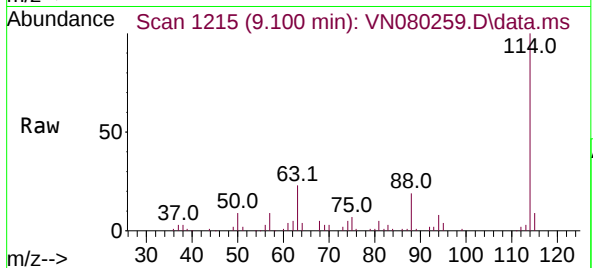
ClientSampleId :

Tgt Ion: 62 Resp: 4720

Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



#44

Isopropyl Acetate

Concen: 0.264 ug/l

RT: 8.759 min Scan# 1157

Delta R.T. 0.065 min

Lab File: VN080259.D

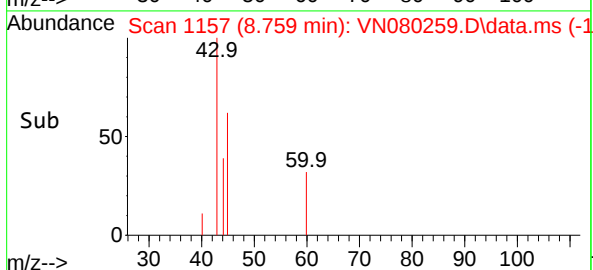
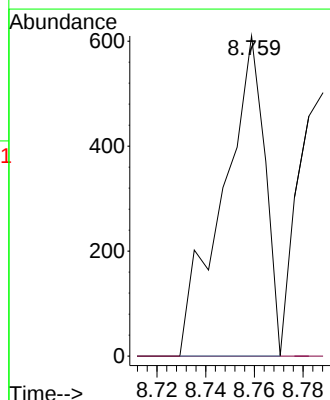
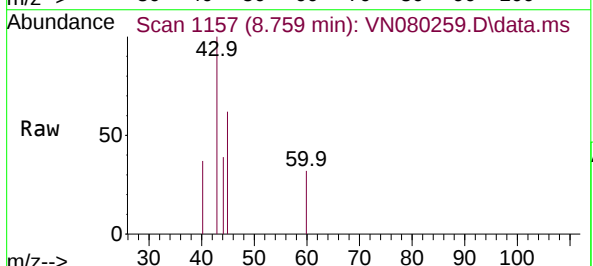
Acq: 24 Nov 2023 13:31

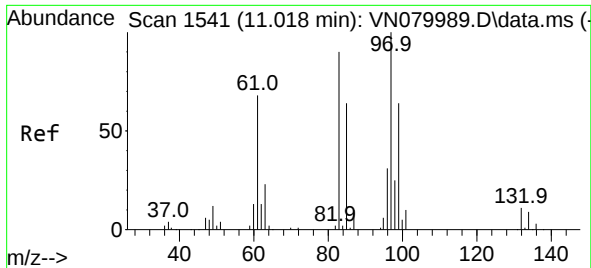
Tgt Ion: 43 Resp: 729

Ion Ratio Lower Upper

43 100

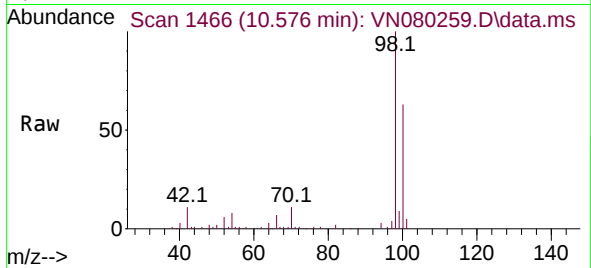
61 214.4 20.3 30.5#



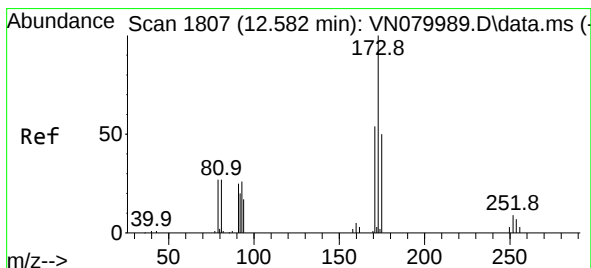
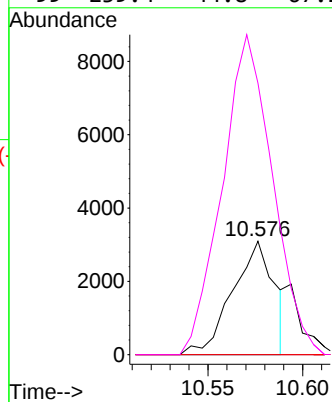
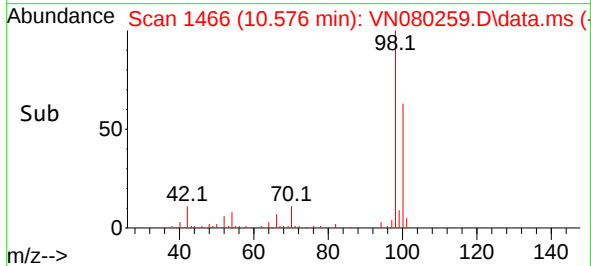


#50
1,1,2-Trichloroethane
Concen: 3.637 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.442 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :

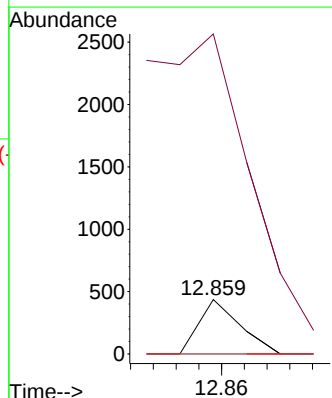
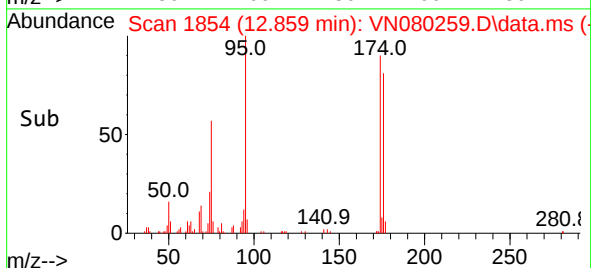
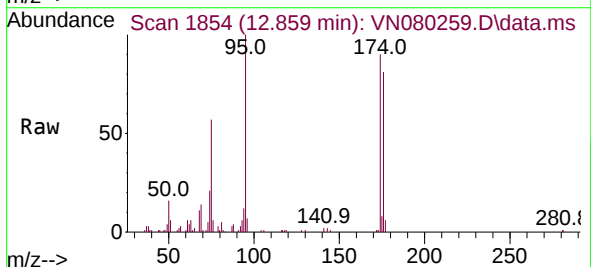


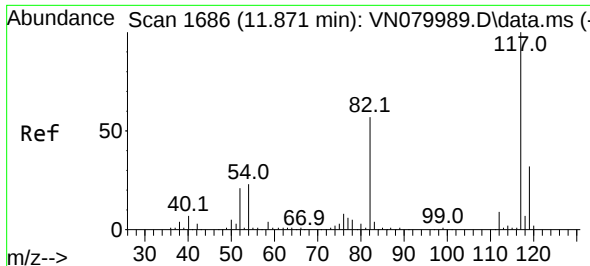
Tgt Ion: 97	Resp: 4771
Ion Ratio	Lower Upper
97	100
83	0.0 68.2 102.4#
85	0.0 42.9 64.3#
99	239.4 44.8 67.2#



#56
Bromoform
Concen: 0.237 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.277 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

Tgt Ion: 173	Resp: 218
Ion Ratio	Lower Upper
173	100
175	2058.3 37.9 56.9#
254	0.0 7.3 10.9#

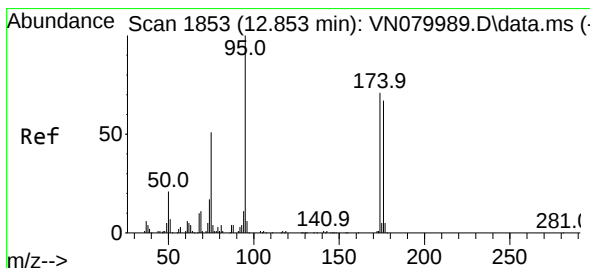
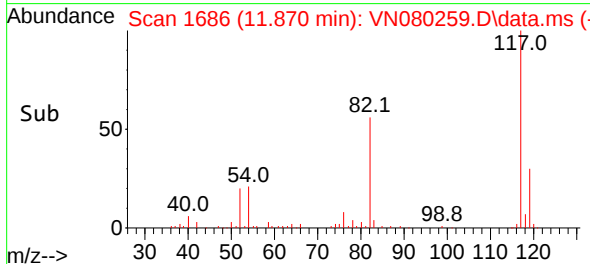
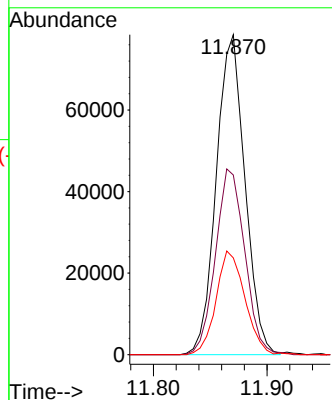
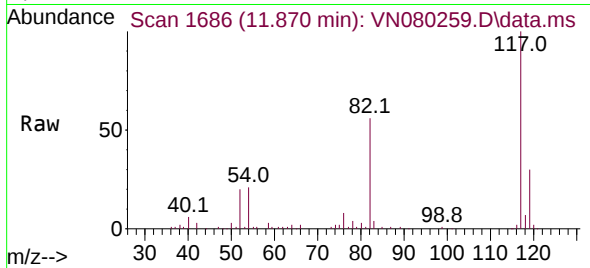




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

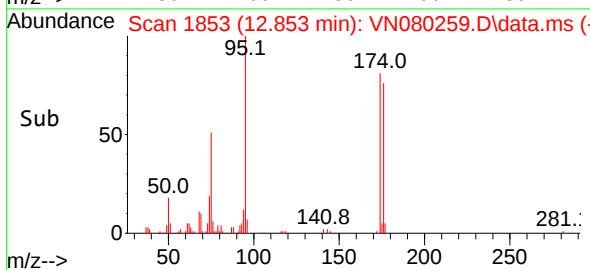
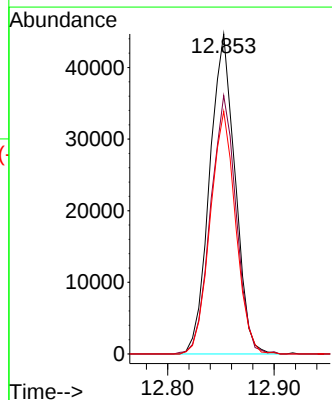
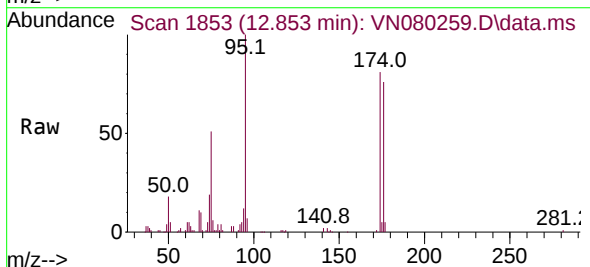
Instrument :
MSVOA_N
ClientSampleId :

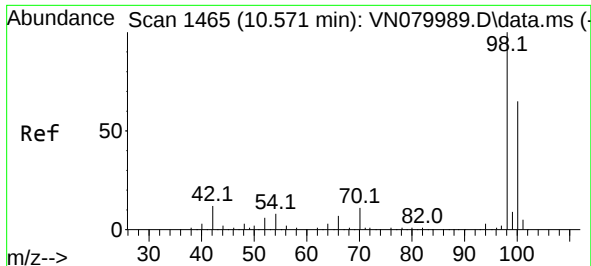
Tgt Ion:117 Resp: 137694
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.2
119 32.5 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 33.634 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

Tgt Ion: 95 Resp: 74060
Ion Ratio Lower Upper
95 100
174 81.1 60.5 90.7
176 75.6 57.2 85.8

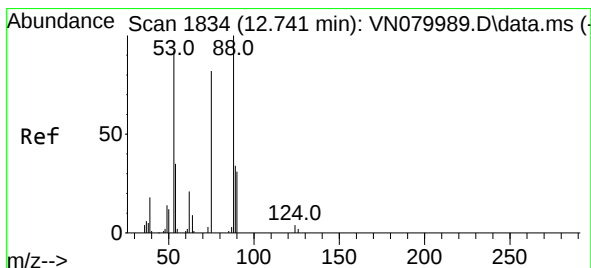
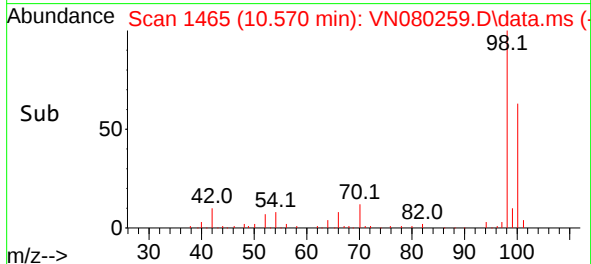
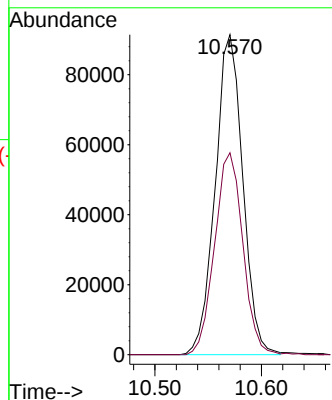
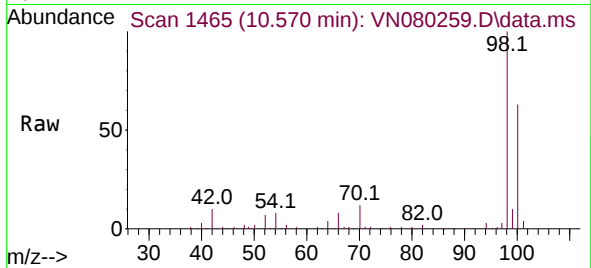




#63
Toluene-d8
Concen: 25.215 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

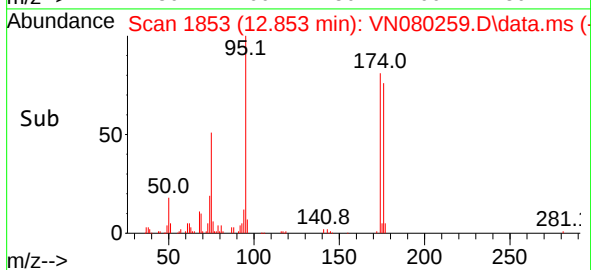
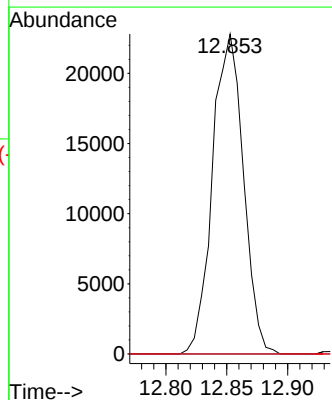
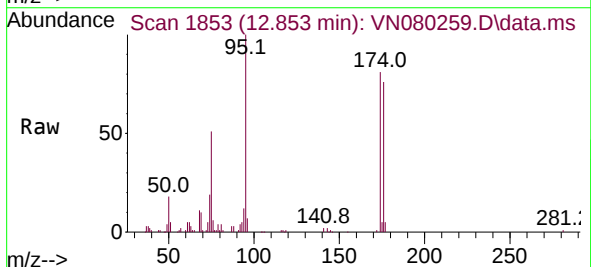
Instrument :
MSVOA_N
ClientSampleId :

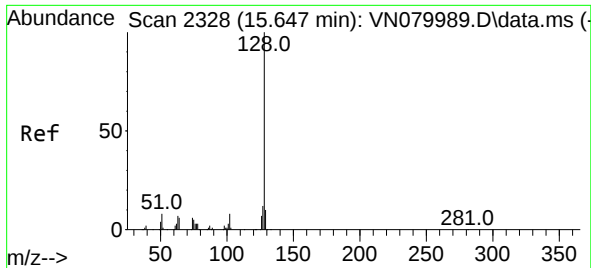
Tgt Ion: 98 Resp: 164507
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#77
t-1,4-Dichloro-2-butene
Concen: 52.214 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN080259.D
Acq: 24 Nov 2023 13:31

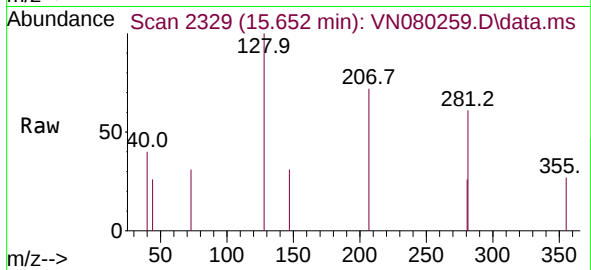
Tgt Ion: 75 Resp: 40304
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#





#91
Naphthalene
Concen: 0.228 ug/l
RT: 15.652 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN080259.D
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Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1080
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.9	16.3#
129	0.0	8.6	12.8#

