

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075060.D
 Acq On : 28 Oct 2022 15:00
 Operator : JC\MD
 Sample : N5314-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 221026025-03-TRIP-BLANK

Quant Time: Oct 31 01:50:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

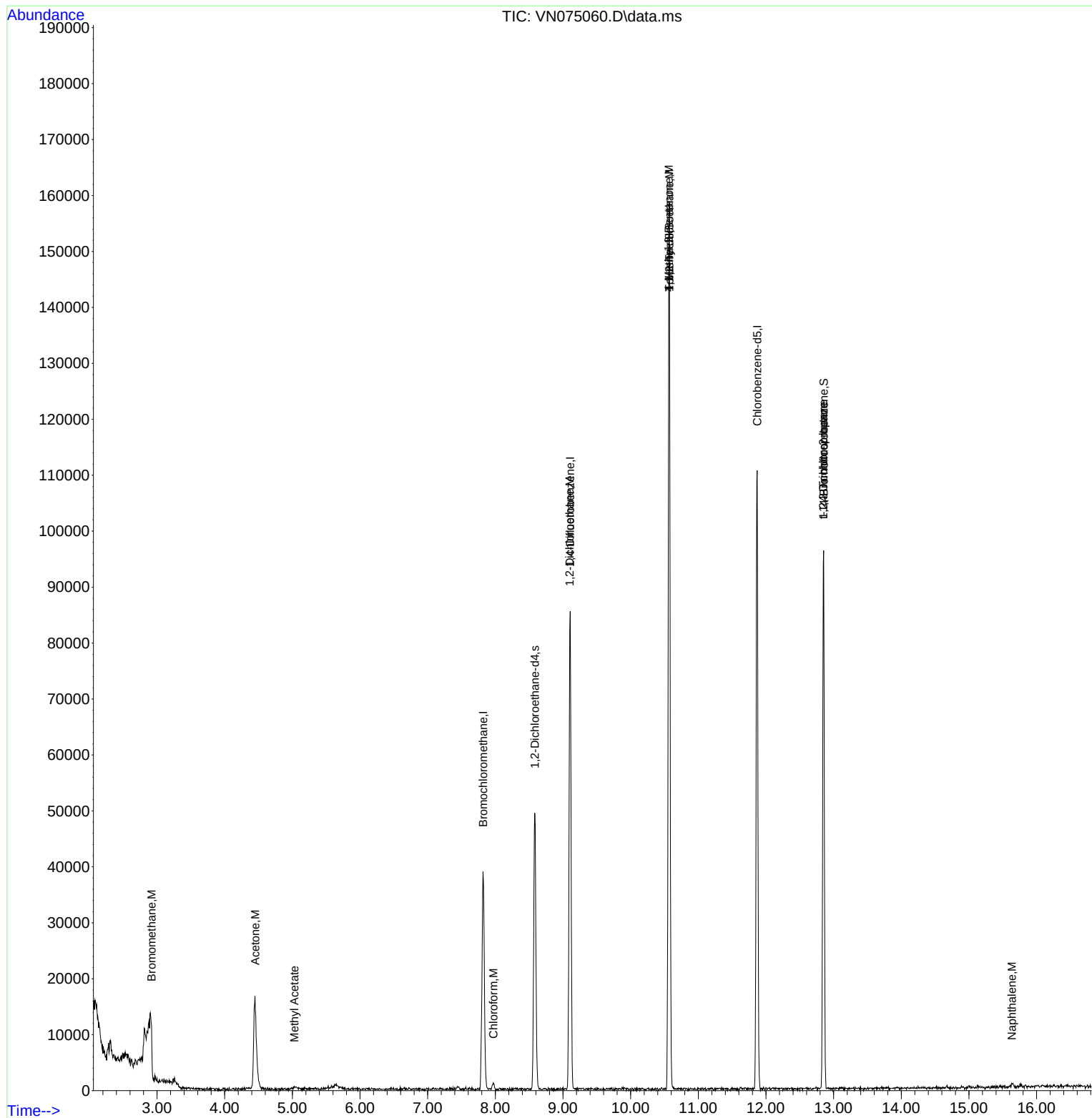
Internal Standards						
1) Bromochloromethane	7.818	128	13243	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	74713	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	63991	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	41650	34.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	114.667%#
60) 4-Bromofluorobenzene	12.853	95	32419	25.784	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.933%
63) Toluene-d8	10.571	98	112457	31.421	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.733%
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	300	0.296	ug/l #	80
12) Methyl Acetate	5.030	43	423	0.329	ug/l #	49
15) Acetone	4.453	58	9997	67.386	ug/l #	57
25) Chloroform	7.971	83	1113	0.615	ug/l #	65
36) 1,2-Dichloroethane	9.100	62	1826	1.258	ug/l #	77
50) 1,1,2-Trichloroethane	10.571	97	3461	3.157	ug/l #	1
58) 4-Methyl-2-Pentanone	10.565	43	296	0.214	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	18317	12.626	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.847	75	18317	36.147	ug/l #	8
91) Naphthalene	15.635	128	846	0.226	ug/l #	68

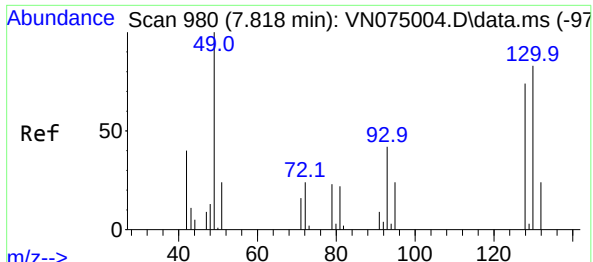
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
Data File : VN075060.D
Acq On : 28 Oct 2022 15:00
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Sample : N5314-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

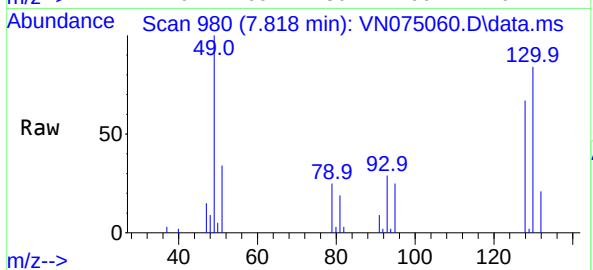
Quant Time: Oct 31 01:50:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 27 10:19:47 2022
Response via : Initial Calibration



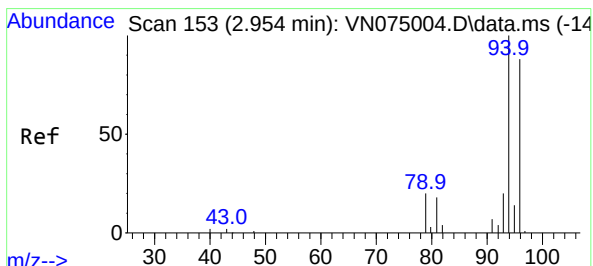
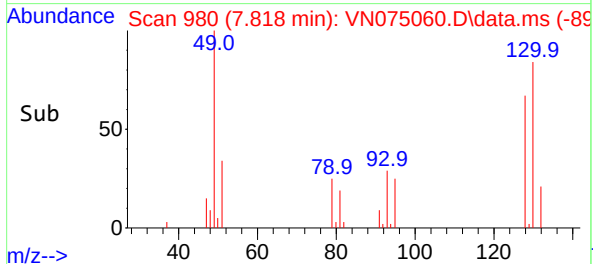
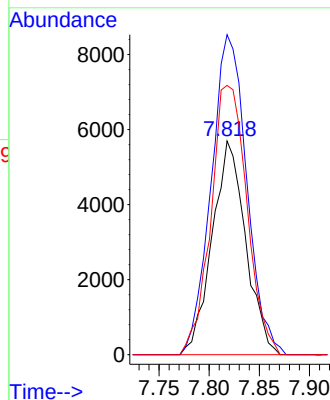


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

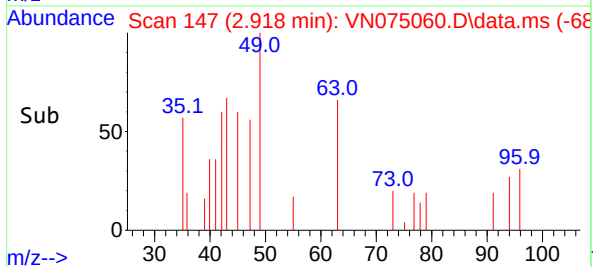
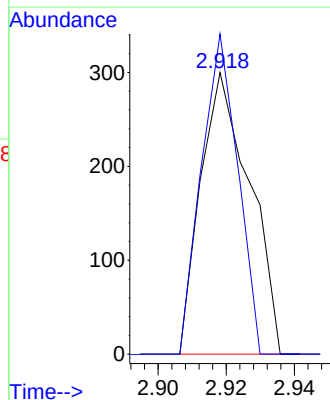
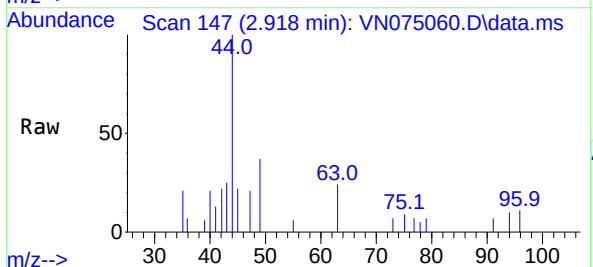


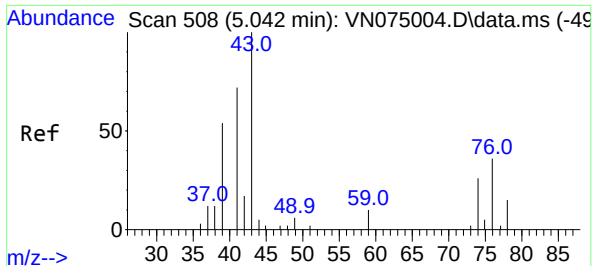
Tgt Ion:128 Resp: 13243
Ion Ratio Lower Upper
128 100
49 158.6 0.0 392.3
130 135.8 0.0 320.2



#5
Bromomethane
Concen: 0.296 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.035 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 94 Resp: 300
Ion Ratio Lower Upper
94 100
96 113.7 75.2 112.8#

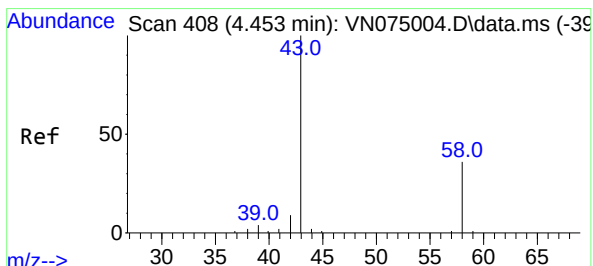
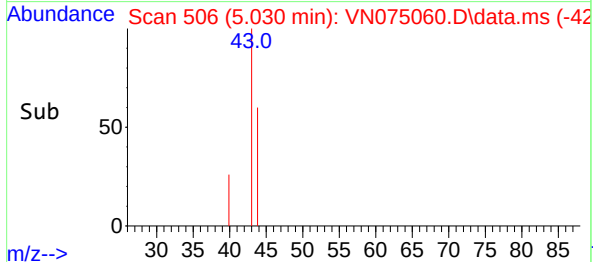
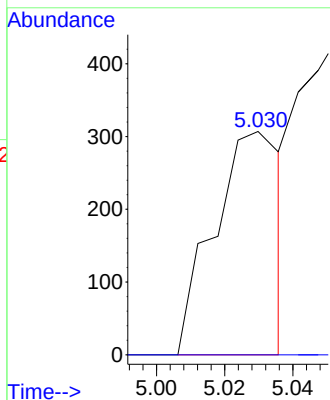
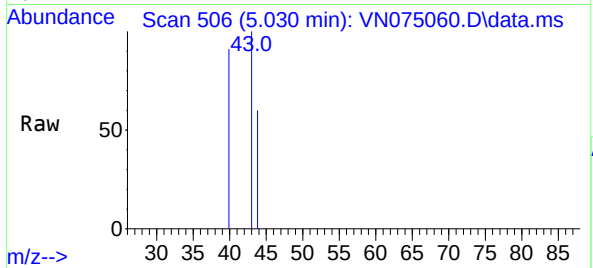




#12
Methyl Acetate
Concen: 0.329 ug/l
RT: 5.030 min Scan# 508
Delta R.T. -0.012 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

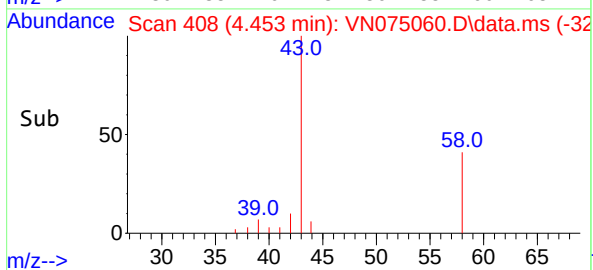
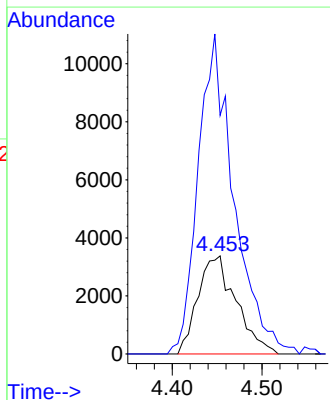
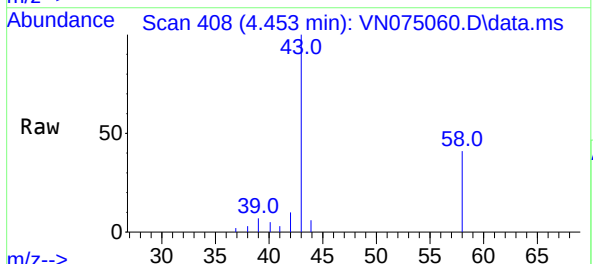
Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

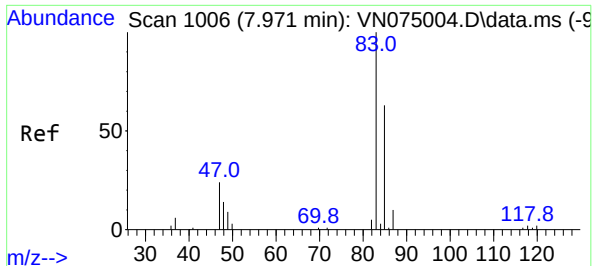
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#15
Acetone
Concen: 67.386 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 58 Resp: 9997
Ion Ratio Lower Upper
58 100
43 233.0 256.6 384.8#

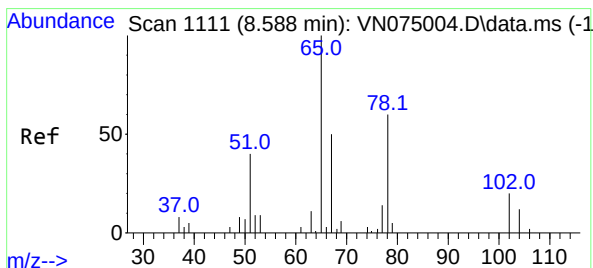
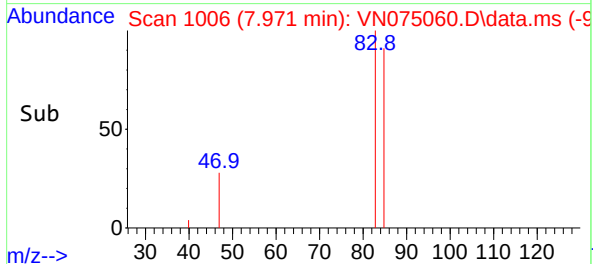
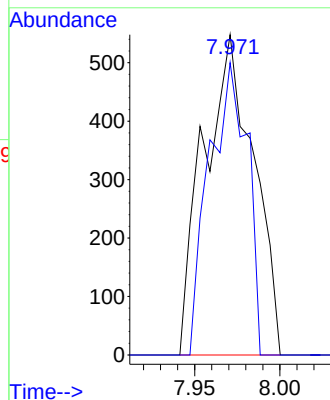
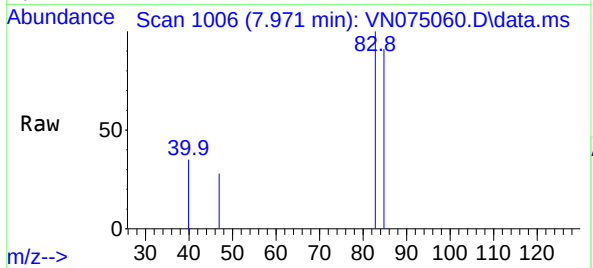




#25
Chloroform
Concen: 0.615 ug/l
RT: 7.971 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

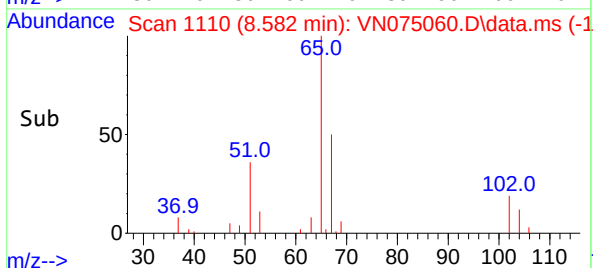
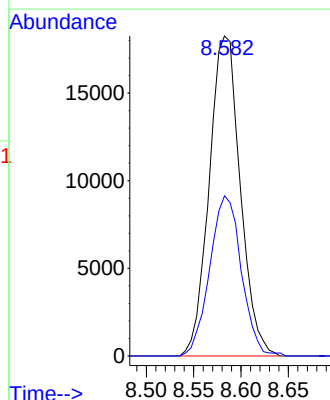
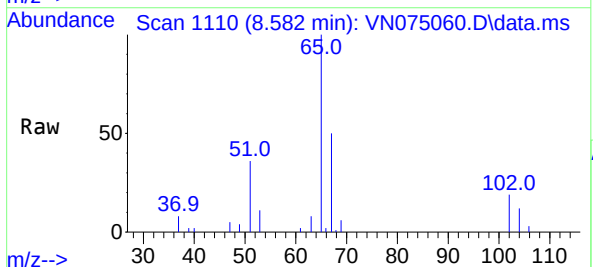
Instrument : MSVOA_N
ClientSampleId : 221026025-03-TRIP-BLANK

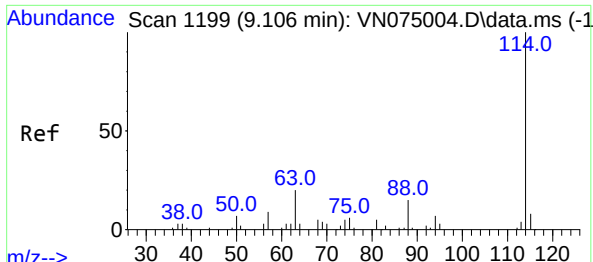
Tgt Ion: 83 Resp: 1113
Ion Ratio Lower Upper
83 100
85 91.2 51.3 76.9#



#27
1,2-Dichloroethane-d4
Concen: 34.397 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 65 Resp: 41650
Ion Ratio Lower Upper
65 100
67 50.8 40.2 60.2



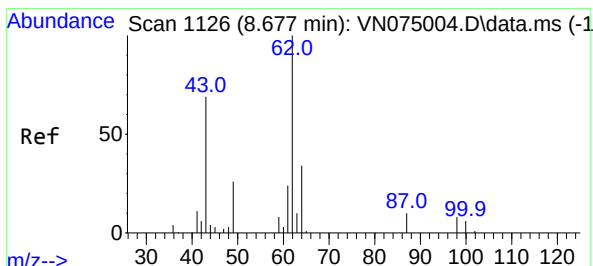
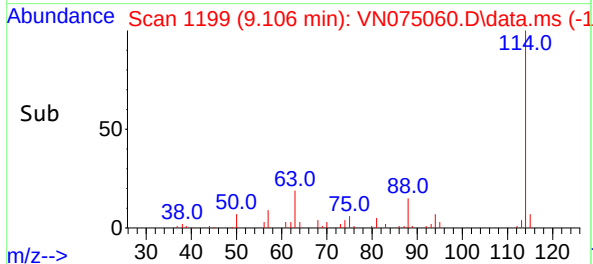
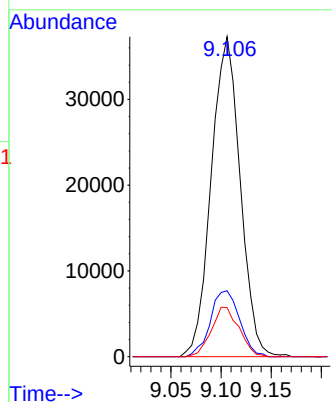
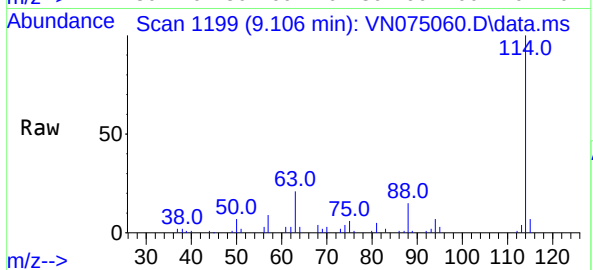


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

Tgt Ion:114 Resp: 74713

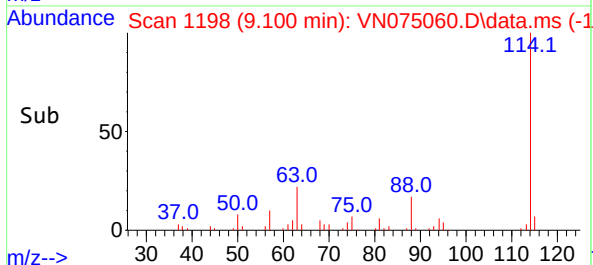
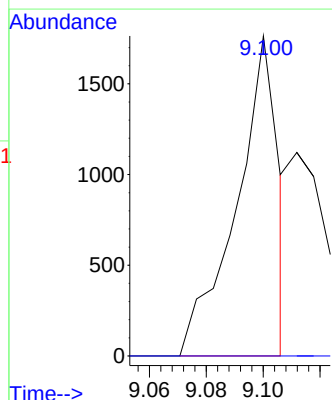
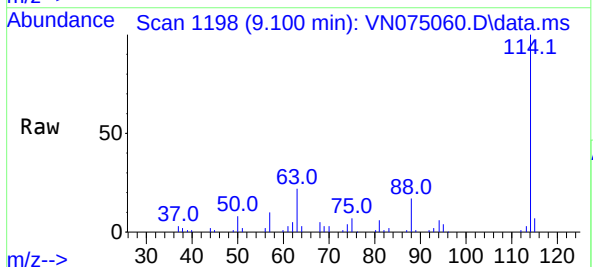
Ion	Ratio	Lower	Upper
114	100		
63	20.8	15.8	23.6
88	14.8	11.6	17.4

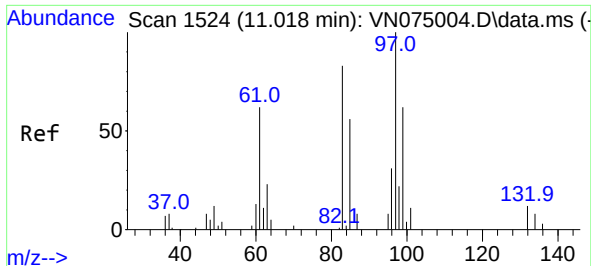


#36
1,2-Dichloroethane
Concen: 1.258 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. 0.423 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 62 Resp: 1826

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

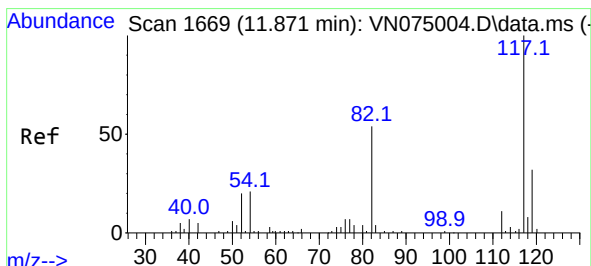
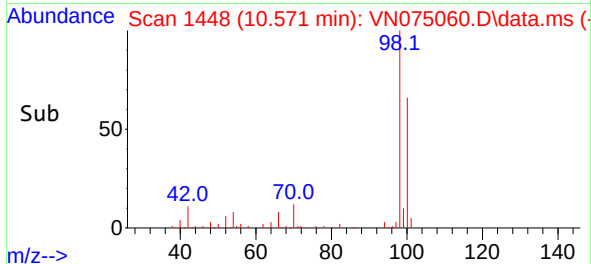
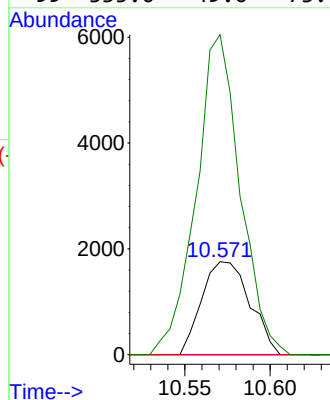
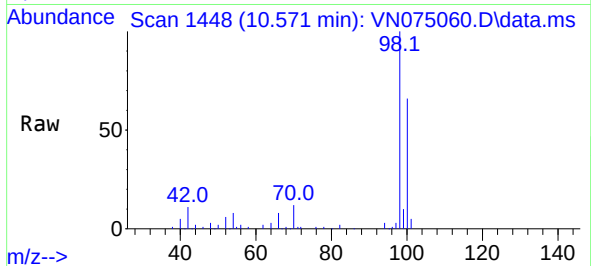




#50
1,1,2-Trichloroethane
Concen: 3.157 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.447 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

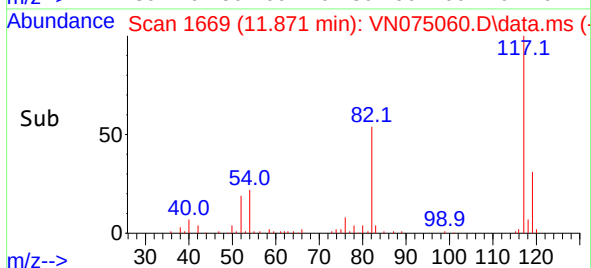
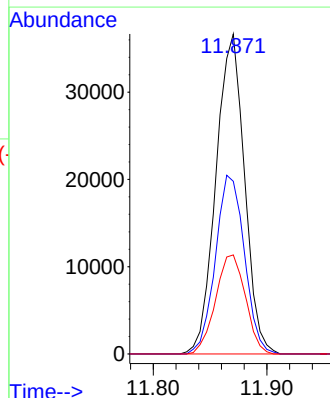
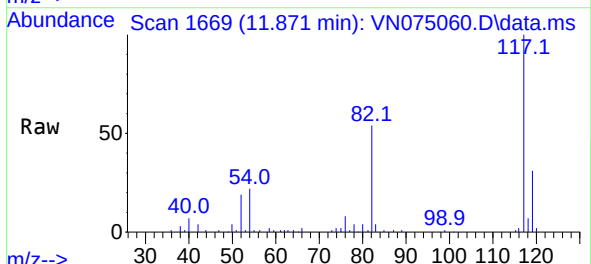
Instrument :
MSVOA_N
ClientSampleId :
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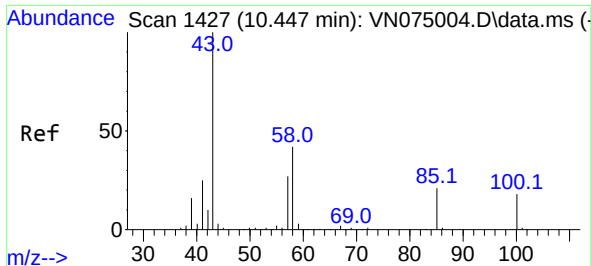
Tgt Ion: 97	Resp:	3461
Ion	Ratio	Lower Upper
97	100	
83	0.0	67.2 100.8#
85	0.0	43.0 64.4#
99	335.0	49.0 73.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 117	Resp:	63991
Ion	Ratio	Lower Upper
117	100	
82	56.8	43.6 65.4
119	32.4	25.8 38.6

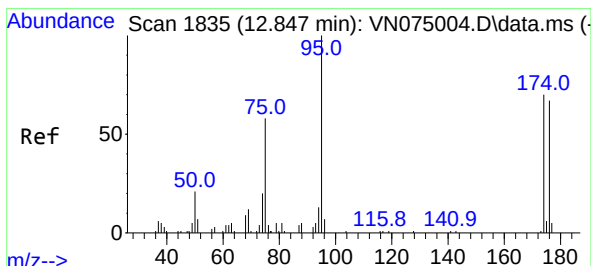
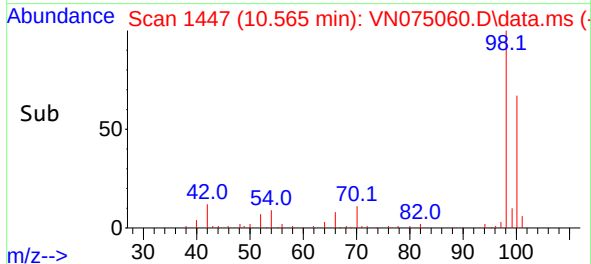
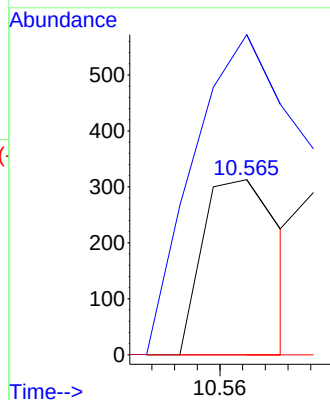
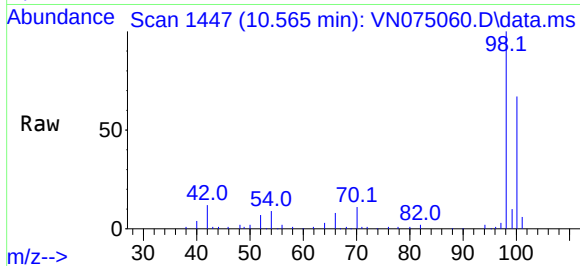




#58
4-Methyl-2-Pentanone
Concen: 0.214 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

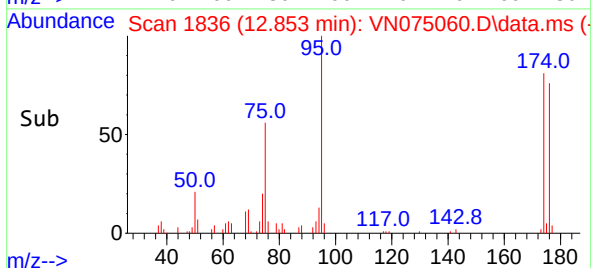
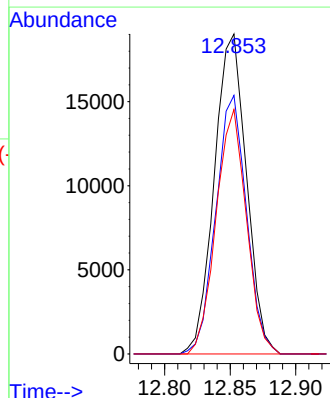
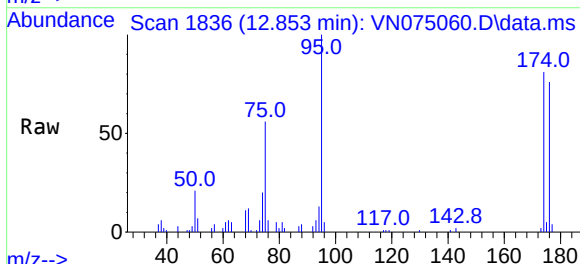
Instrument :
MSVOA_N
ClientSampleId :
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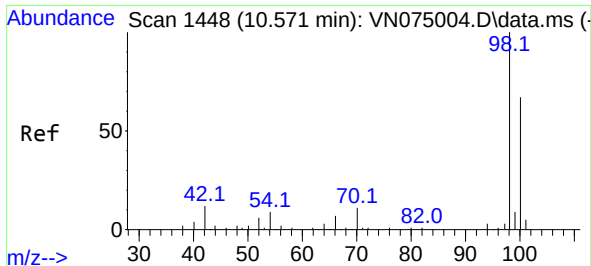
Tgt Ion:	43	Resp:	296
Ion	Ratio	Lower	Upper
43	100		
58	273.6	30.0	45.0#
85	0.0	15.0	22.6#



#60
4-Bromofluorobenzene
Concen: 25.784 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion:	95	Resp:	32419
Ion	Ratio	Lower	Upper
95	100		
174	77.1	62.9	94.3
176	72.0	61.0	91.4

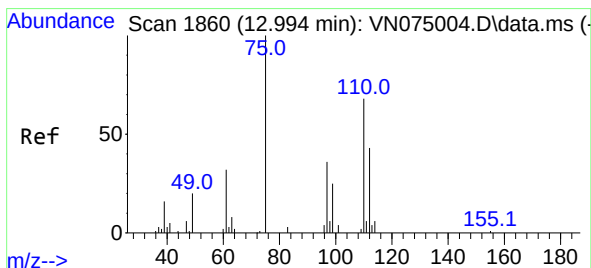
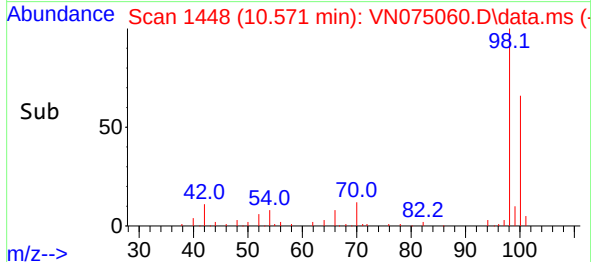
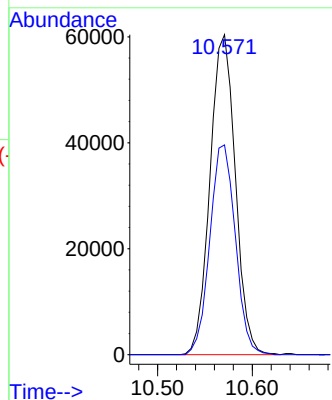
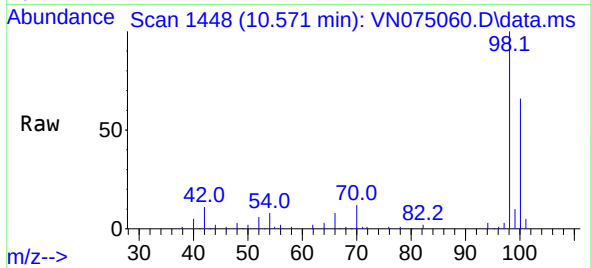




#63
Toluene-d8
Concen: 31.421 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

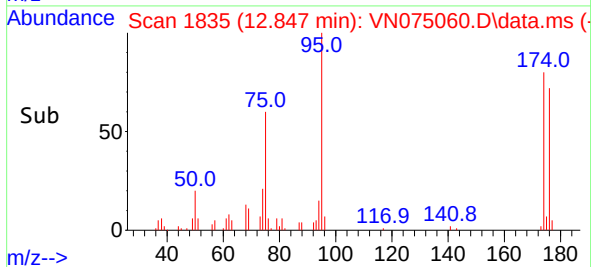
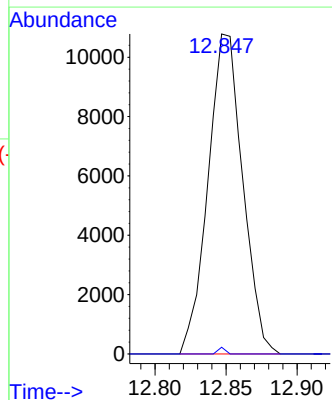
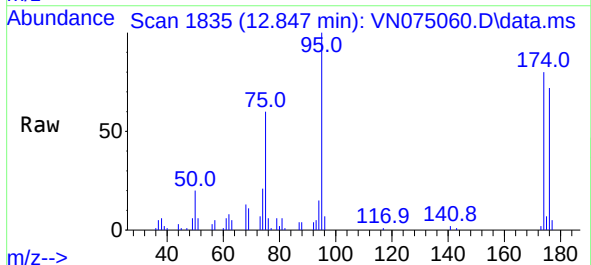
Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

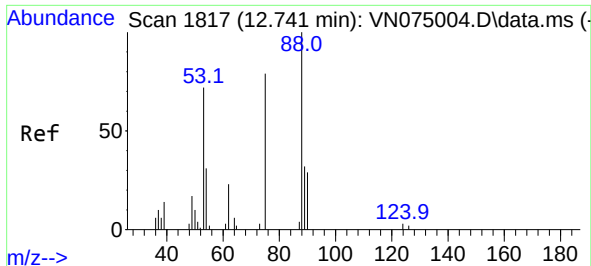
Tgt Ion: 98 Resp: 112457
Ion Ratio Lower Upper
98 100
100 65.9 50.6 76.0



#72
1,2,3-Trichloropropane
Concen: 12.626 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion: 75 Resp: 18317
Ion Ratio Lower Upper
75 100
77 0.0 0.0 378.0

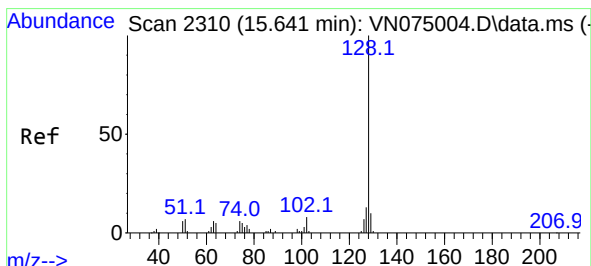
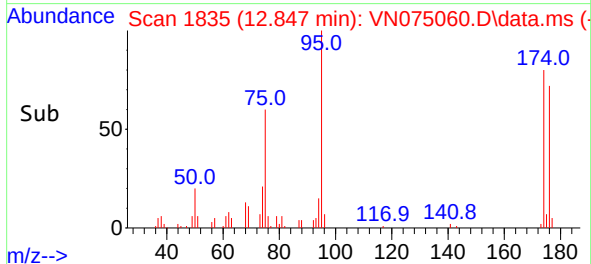
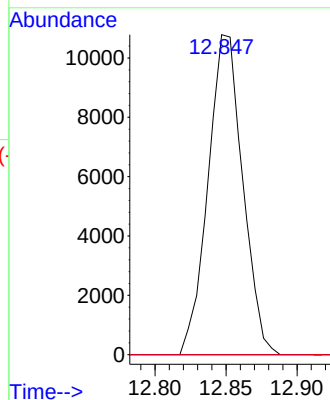
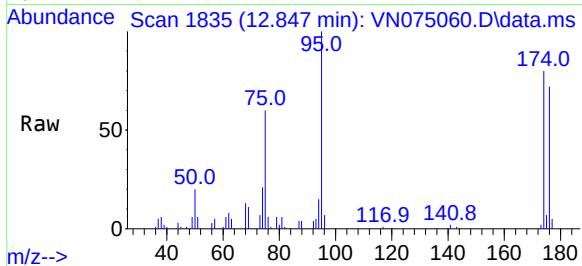




#77
t-1,4-Dichloro-2-butene
Concen: 36.147 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
221026025-03-TRIP-BLANK

Tgt Ion: 75 Resp: 18317
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 0.226 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN075060.D
Acq: 28 Oct 2022 15:00

Tgt Ion:128 Resp: 846
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.6#

