

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082010.D
 Acq On : 06 May 2024 15:58
 Operator : JC\MD
 Sample : P2402-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 00:29:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

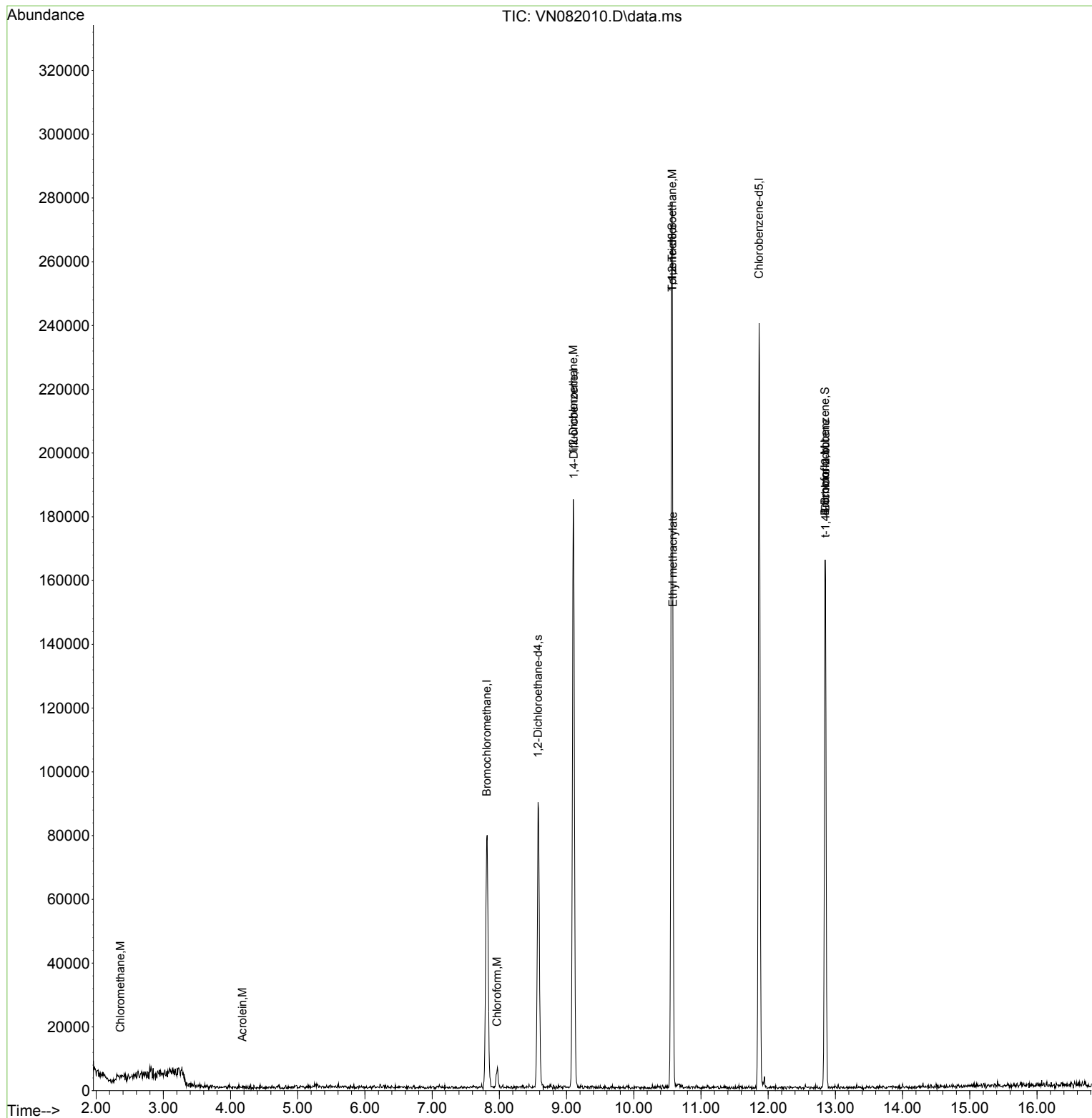
Internal Standards						
1) Bromochloromethane	7.812	128	25886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	153806	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	127877	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	67520	31.154	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.833%
60) 4-Bromofluorobenzene	12.847	95	57607	27.069	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.233%
63) Toluene-d8	10.571	98	187716	30.910	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.033%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	463	0.272	ug/l #	43
13) Acrolein	4.177	56	138	0.328	ug/l #	67
25) Chloroform	7.965	83	4856	1.553	ug/l #	80
36) 1,2-Dichloroethane	9.100	62	5399	2.202	ug/l #	72
50) 1,1,2-Trichloroethane	10.571	97	6128	3.751	ug/l #	1
51) Ethyl methacrylate	10.582	69	627	0.203	ug/l	94
56) Bromoform	12.847	173	627	0.580	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.853	75	32176	36.570	ug/l #	12

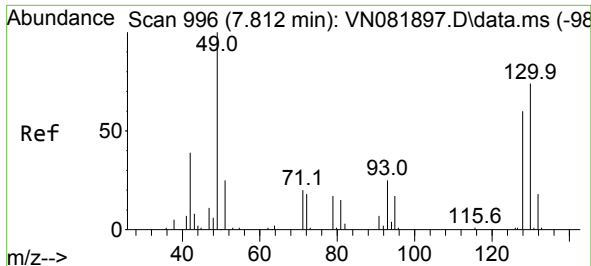
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
Data File : VN082010.D
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Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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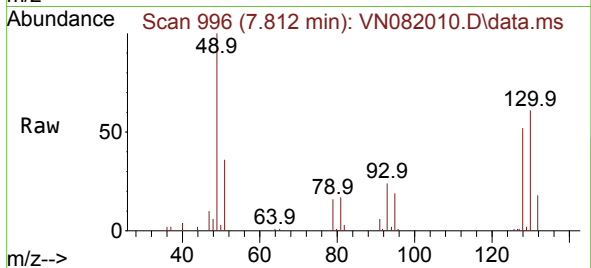
Quant Time: May 07 00:29:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
Response via : Initial Calibration



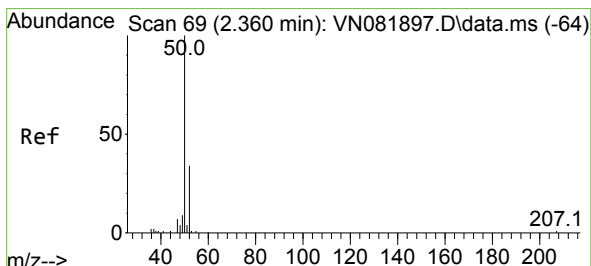
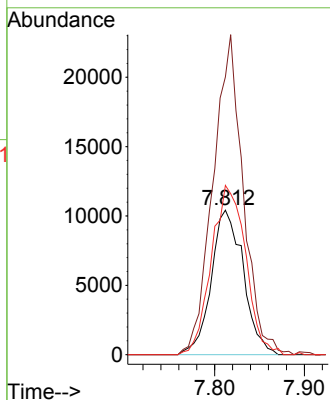
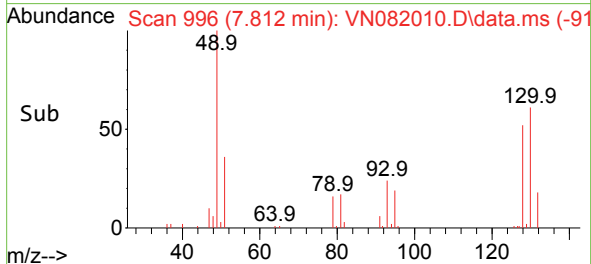


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :

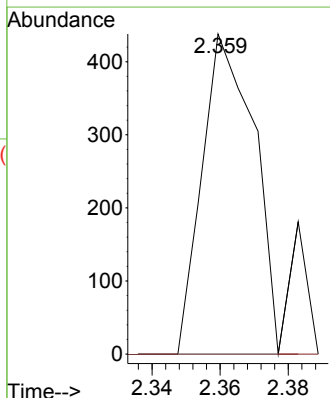
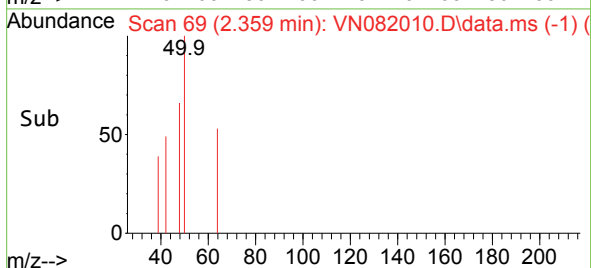
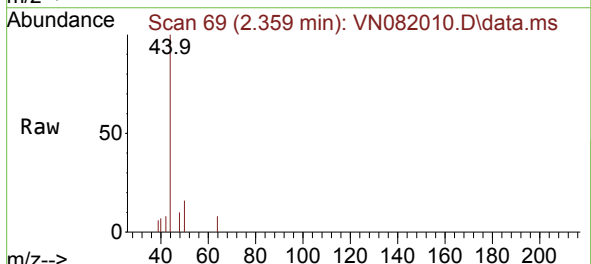


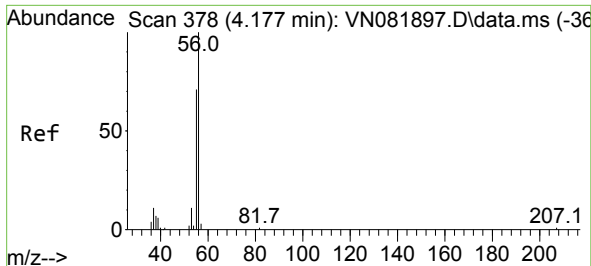
Tgt Ion:128 Resp: 25886
Ion Ratio Lower Upper
128 100
49 205.2 0.0 403.7
130 125.0 0.0 323.3



#3
Chloromethane
Concen: 0.272 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.0#

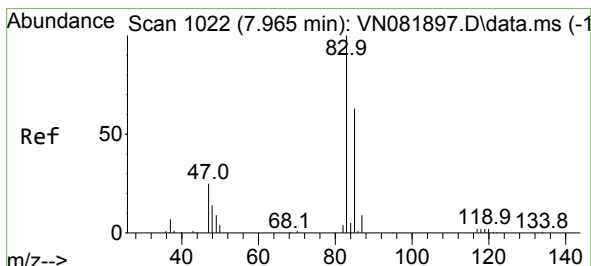
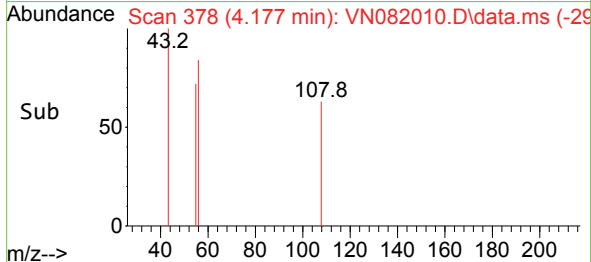
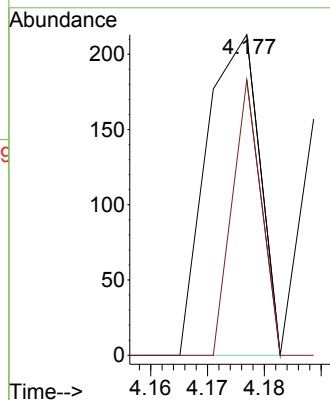
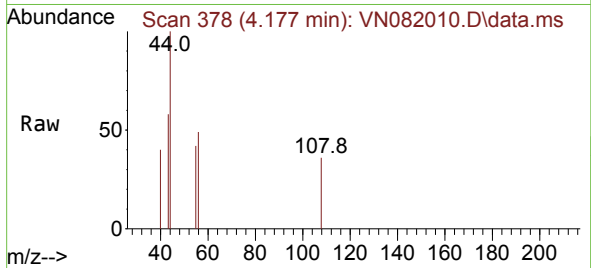




#13
Acrolein
Concen: 0.328 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

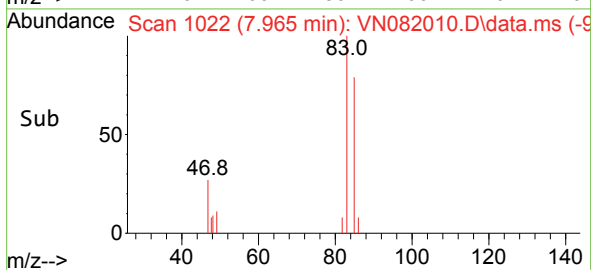
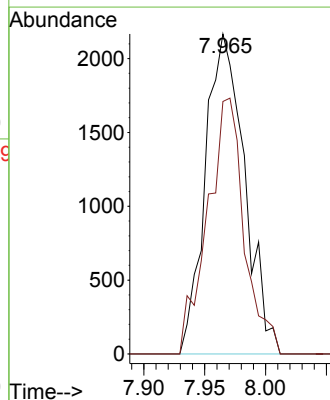
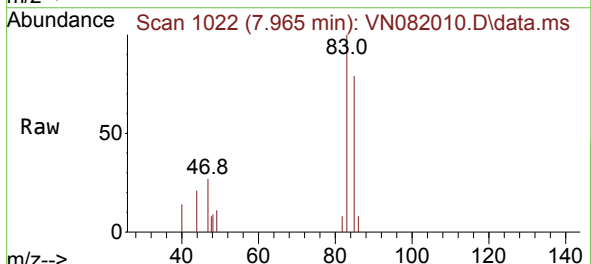
Instrument :
MSVOA_N
ClientSampleId :

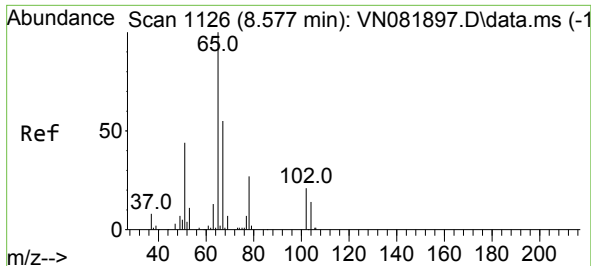
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 96.4 55.5 83.3#



#25
Chloroform
Concen: 1.553 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Tgt Ion: 83 Resp: 4856
Ion Ratio Lower Upper
83 100
85 78.9 50.9 76.3#





#27

1,2-Dichloroethane-d4

Concen: 31.154 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082010.D

Acq: 06 May 2024 15:58

Instrument :

MSVOA_N

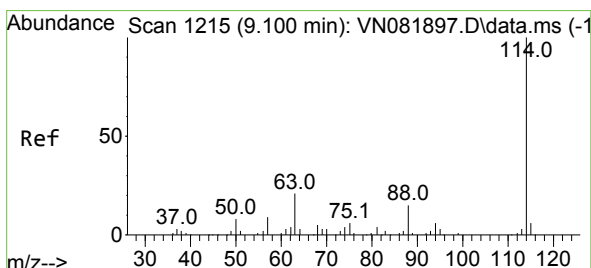
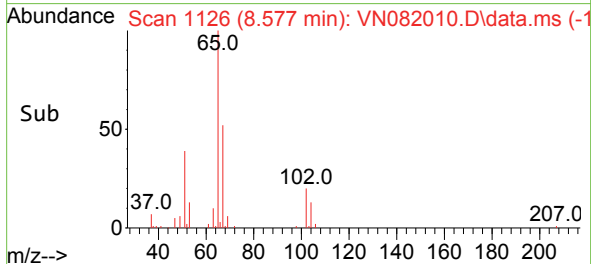
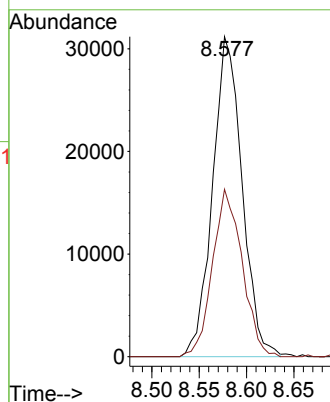
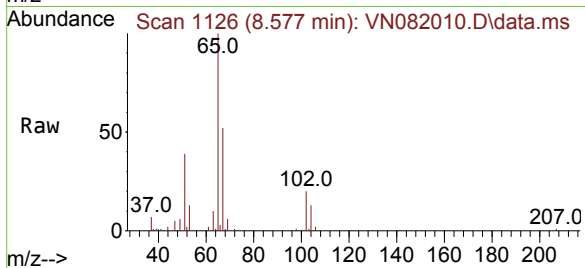
ClientSampleId :

Tgt Ion: 65 Resp: 67520

Ion Ratio Lower Upper

65 100

67 52.6 43.2 64.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082010.D

Acq: 06 May 2024 15:58

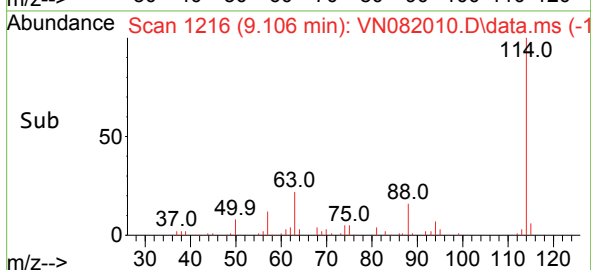
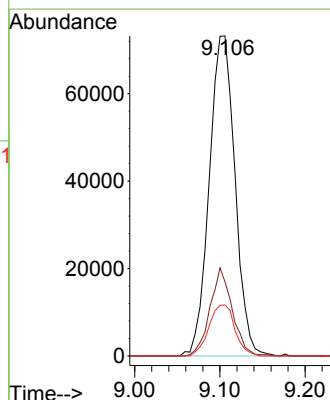
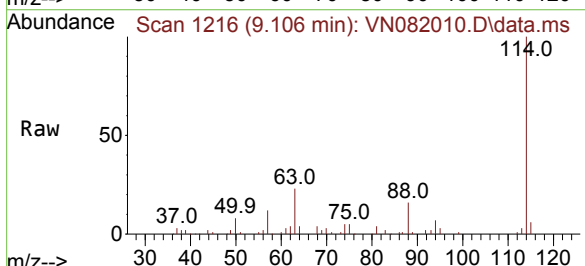
Tgt Ion: 114 Resp: 153806

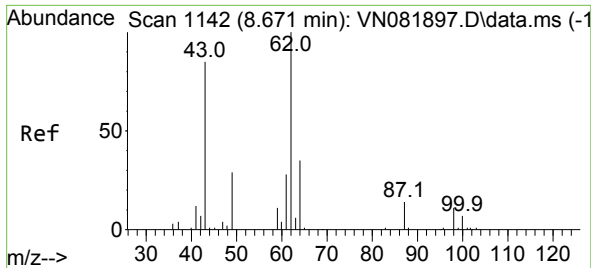
Ion Ratio Lower Upper

114 100

63 23.7 15.9 23.9

88 16.0 12.7 19.1

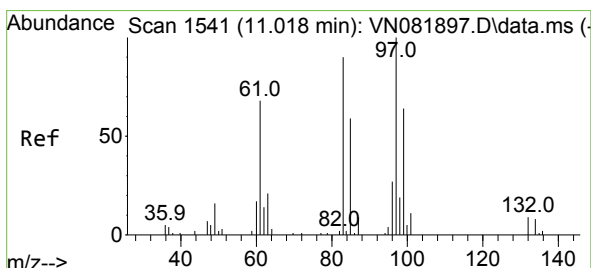
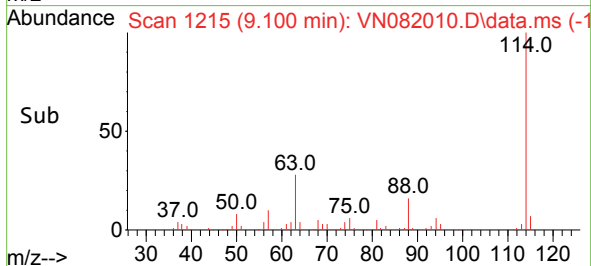
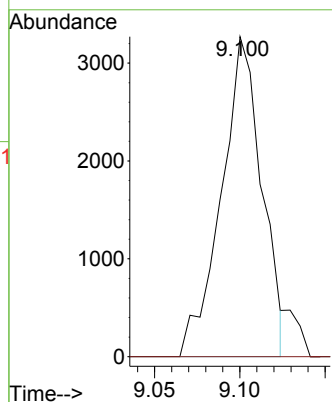
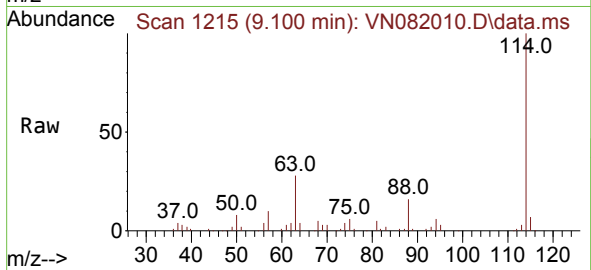




#36
1,2-Dichloroethane
Concen: 2.202 ug/l
RT: 9.100 min Scan# 1142
Delta R.T. 0.429 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

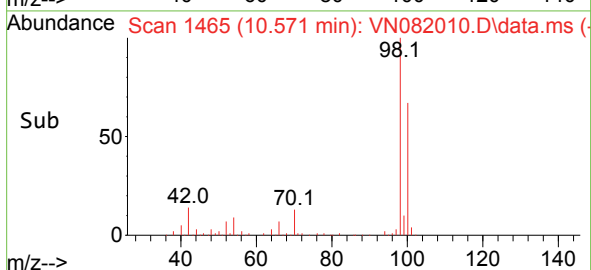
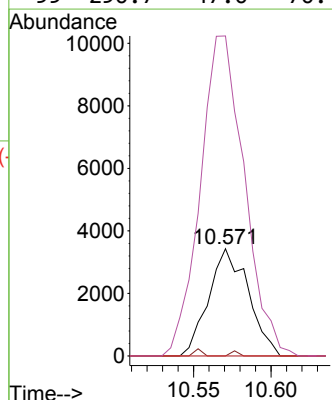
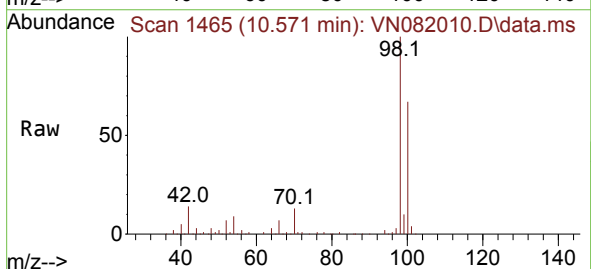
Instrument :
MSVOA_N
ClientSampleId :

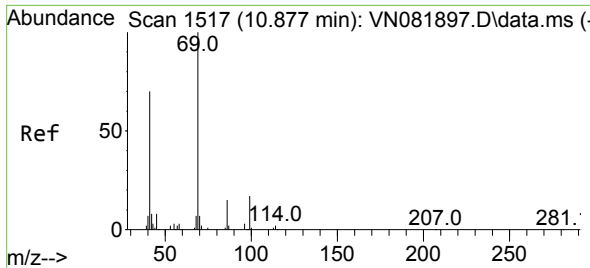
Tgt Ion: 62 Resp: 5399
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#50
1,1,2-Trichloroethane
Concen: 3.751 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

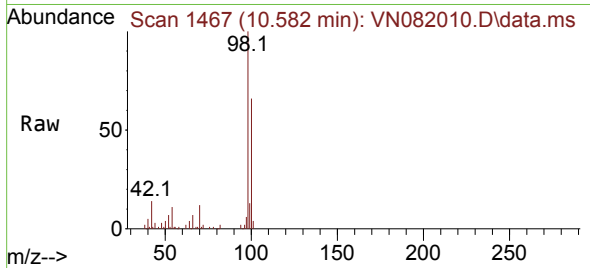
Tgt Ion: 97 Resp: 6128
Ion Ratio Lower Upper
97 100
83 0.0 68.1 102.1#
85 0.0 41.8 62.6#
99 290.7 47.0 70.4#



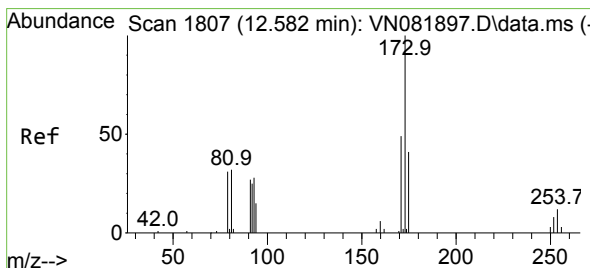
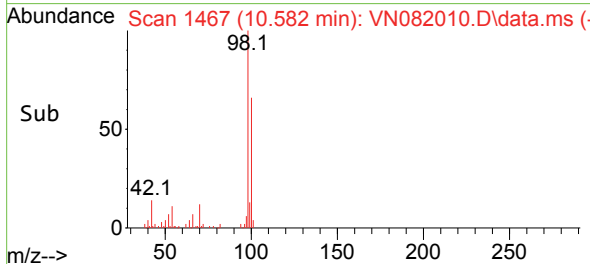
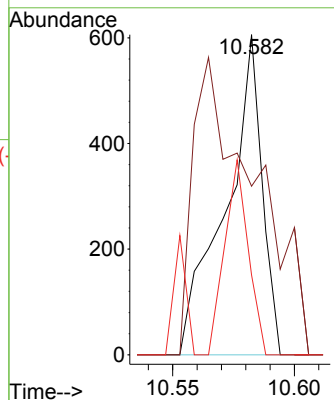


#51
Ethyl methacrylate
Concen: 0.203 ug/l
RT: 10.582 min Scan# 14
Delta R.T. -0.294 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :

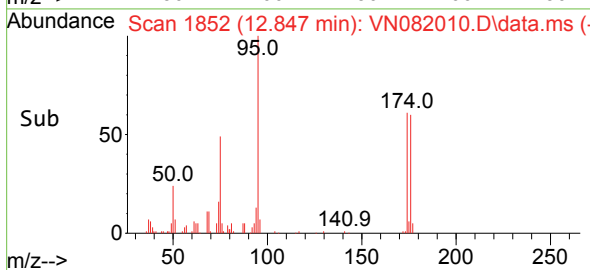
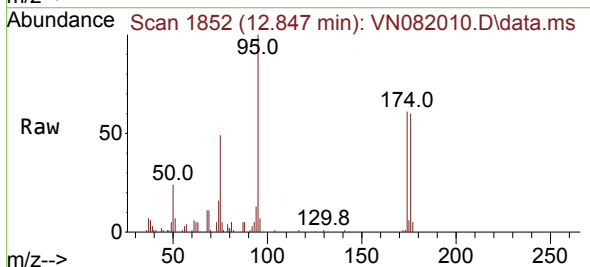
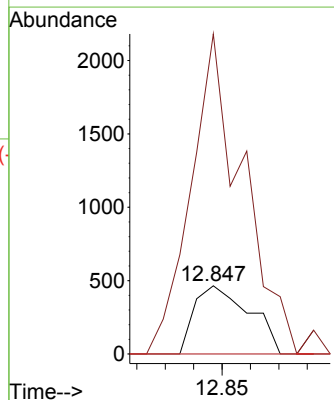


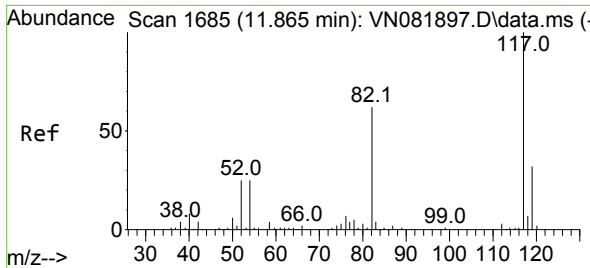
Tgt Ion: 69 Resp: 627
Ion Ratio Lower Upper
69 100
41 52.6 25.5 76.5
39 24.9 16.0 47.9



#56
Bromoform
Concen: 0.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

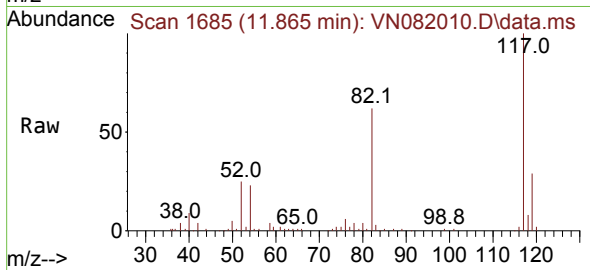
Tgt Ion:173 Resp: 627
Ion Ratio Lower Upper
173 100
175 441.6 40.0 60.0#
254 0.0 8.3 12.5#



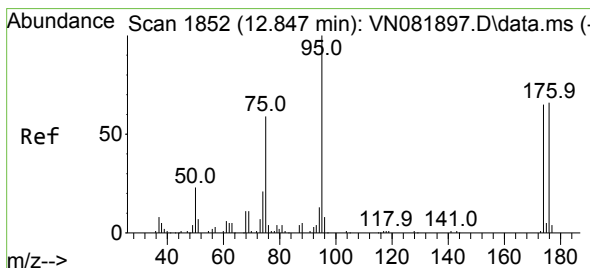
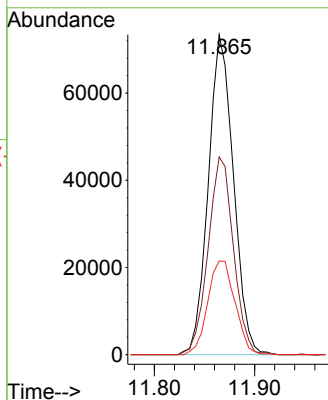
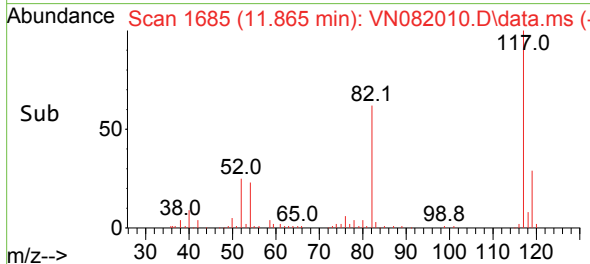


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :

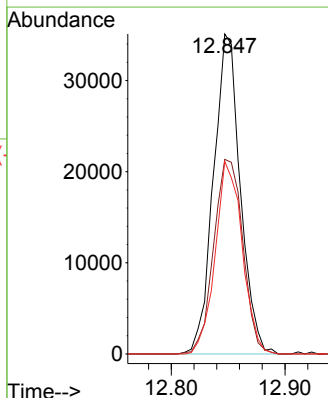
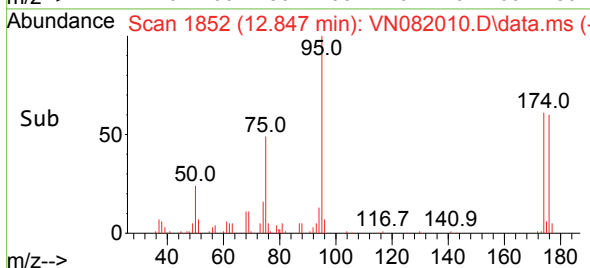
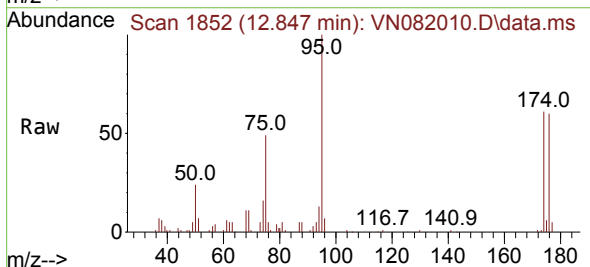


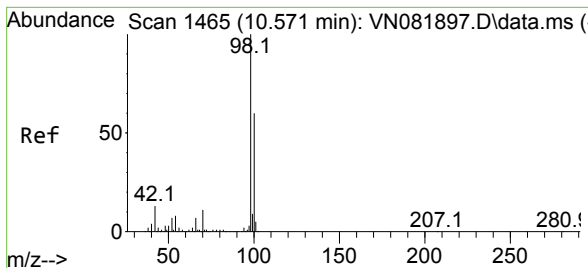
Tgt Ion:117 Resp: 127877
Ion Ratio Lower Upper
117 100
82 62.2 46.6 69.8
119 31.7 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.069 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082010.D
Acq: 06 May 2024 15:58

Tgt Ion: 95 Resp: 57607
Ion Ratio Lower Upper
95 100
174 66.1 60.5 90.7
176 60.5 57.8 86.6





#63

Toluene-d8

Concen: 30.910 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082010.D

Acq: 06 May 2024 15:58

Instrument :

MSVOA_N

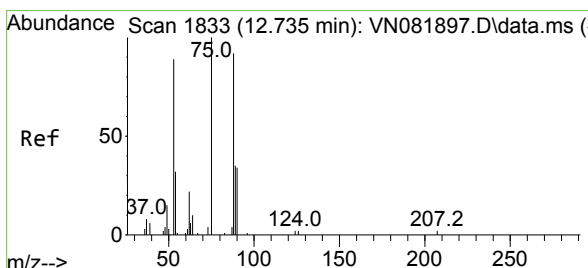
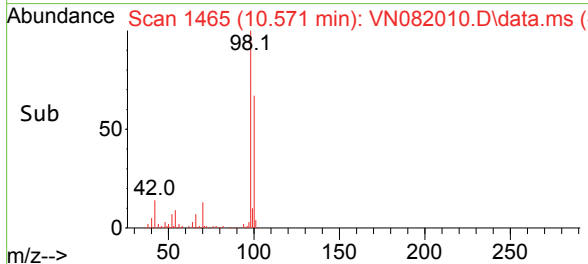
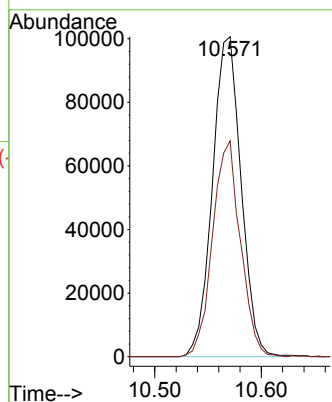
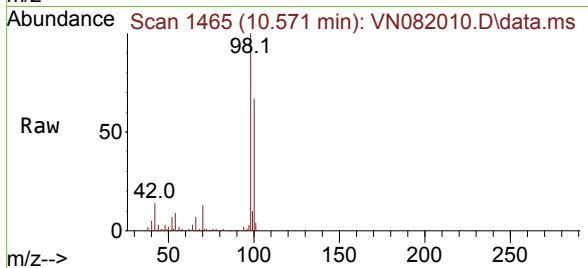
ClientSampleId :

Tgt Ion: 98 Resp: 187716

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#77

t-1,4-Dichloro-2-butene

Concen: 36.570 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082010.D

Acq: 06 May 2024 15:58

Tgt Ion: 75 Resp: 32176

Ion Ratio Lower Upper

75 100

53 0.0 45.9 137.7#

89 0.0 25.9 77.7#

