

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082710.D
 Acq On : 25 Jun 2024 12:07
 Operator : JC\MD
 Sample : PB161676ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 26 01:20:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

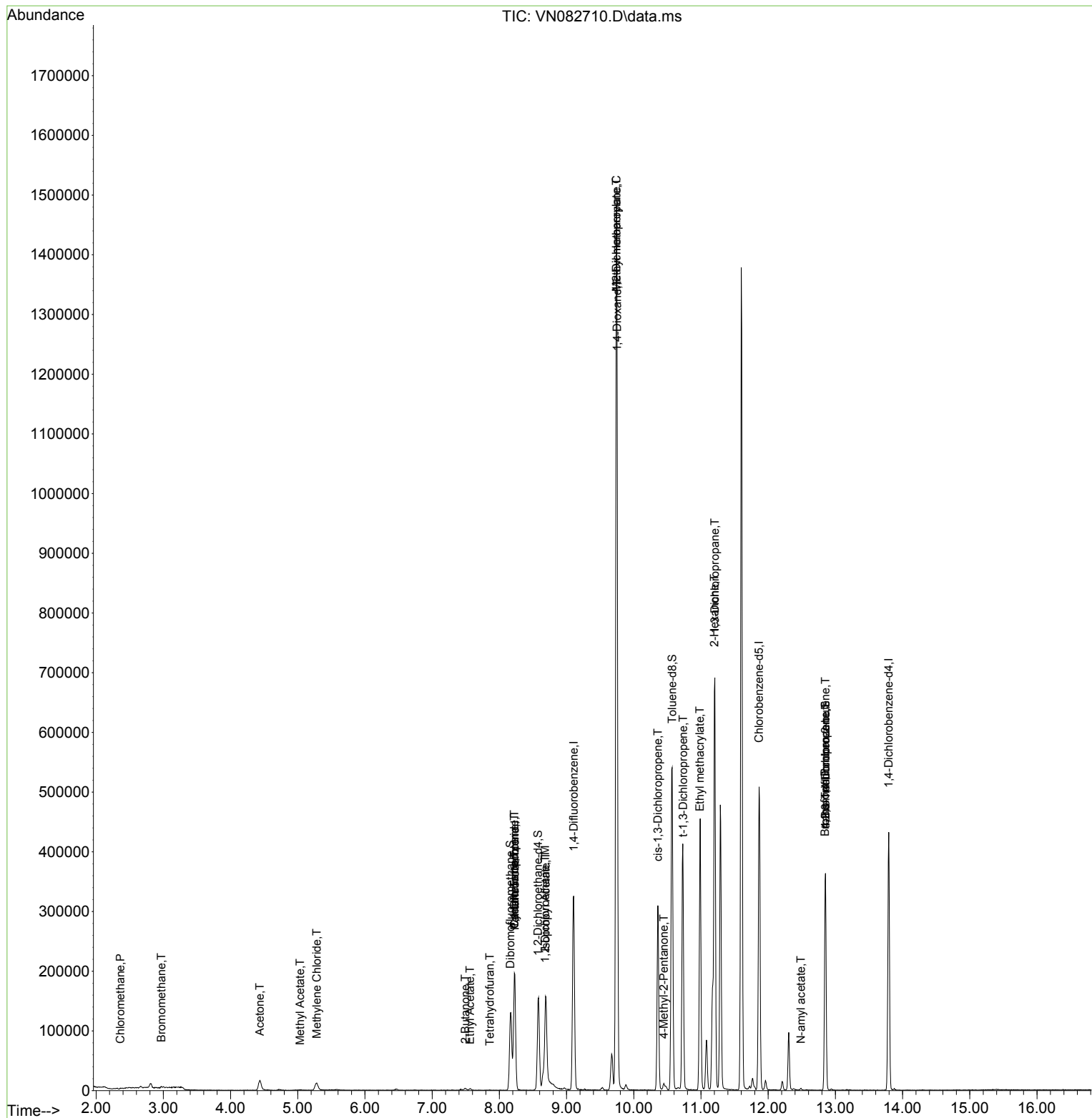
Internal Standards						
1) Pentafluorobenzene	8.230	168	135315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	261934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127006	58.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.060%			
35) Dibromofluoromethane	8.165	113	93710	52.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.571	98	358169	53.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.853	95	113212	48.867	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.740%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	644	0.284	ug/l #	85
5) Bromomethane	2.971	94	776	0.559	ug/l	92
16) Acetone	4.436	43	31974	32.399	ug/l	98
18) Methyl Acetate	5.036	43	1636	0.678	ug/l #	56
20) Methylene Chloride	5.283	84	9023	5.201	ug/l #	82
25) 2-Butanone	7.494	43	5436	3.875	ug/l	94
29) Tetrahydrofuran	7.859	42	557	0.649	ug/l #	38
31) Cyclohexane	8.224	56	3821	1.220	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12947	4.874	ug/l #	51
37) Ethyl Acetate	7.565	43	3654	1.080	ug/l #	82
38) Carbon Tetrachloride	8.224	117	14452	4.828	ug/l #	18
42) 1,2-Dichloroethane	8.682	62	826	0.265	ug/l #	78
43) Isopropyl Acetate	8.688	43	215785	34.124	ug/l #	85
45) 1,2-Dichloropropane	9.741	63	1600	0.757	ug/l #	44
48) Methyl methacrylate	9.741	41	151578	58.147	ug/l #	52
49) 1,4-Dioxane	9.753	88	62	1.521	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	13374	4.123	ug/l #	72
53) t-1,3-Dichloropropene	10.735	75	1028	0.329	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	46142	14.296	ug/l #	71
56) Ethyl methacrylate	10.982	69	2012	0.675	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6790	2.040	ug/l #	43
59) 2-Hexanone	11.200	43	101813	41.301	ug/l #	55
71) Bromoform	12.847	173	376	0.213	ug/l #	1
74) N-amyl acetate	12.488	43	1231	0.281	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	66343	25.091	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66343	60.028	ug/l #	6

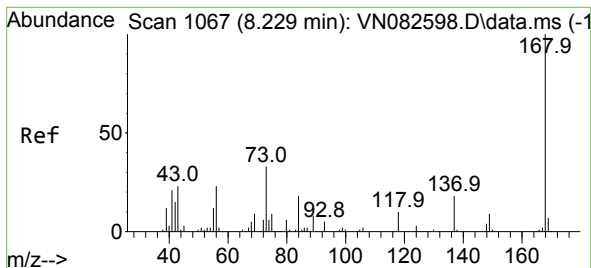
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
Data File : VN082710.D
Acq On : 25 Jun 2024 12:07
Operator : JC\MD
Sample : PB161676ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

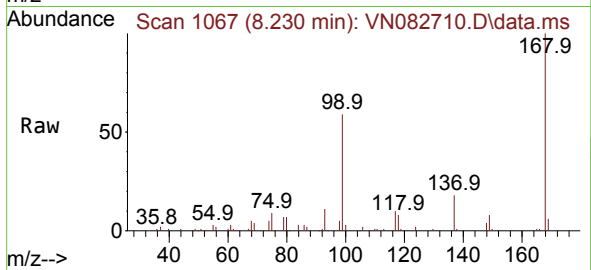
Quant Time: Jun 26 01:20:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



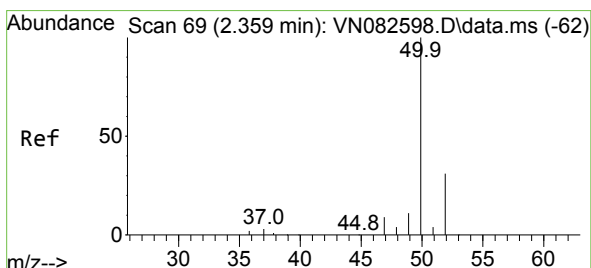
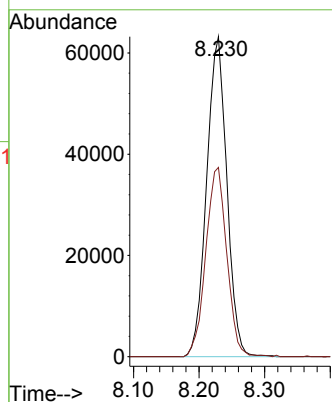
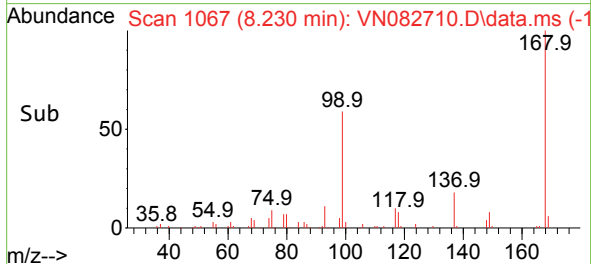


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

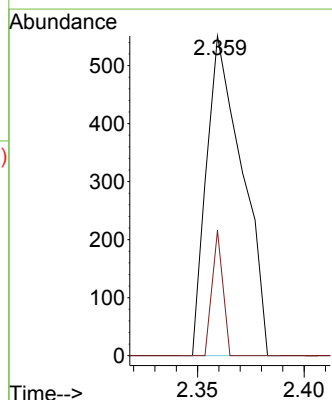
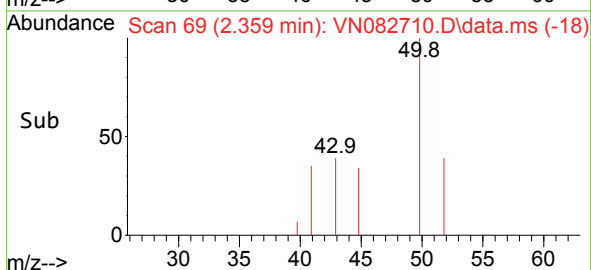
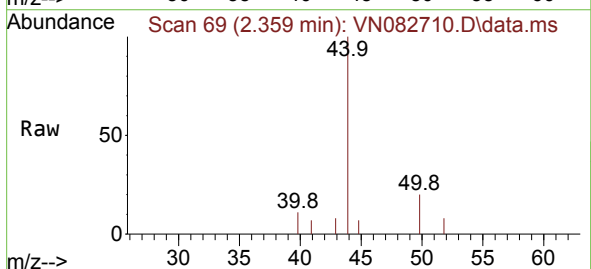


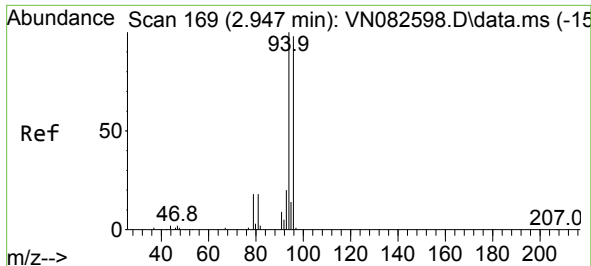
Tgt Ion:168 Resp: 135315
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#3
Chloromethane
Concen: 0.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 50 Resp: 644
Ion Ratio Lower Upper
50 100
52 39.2 25.0 37.4#

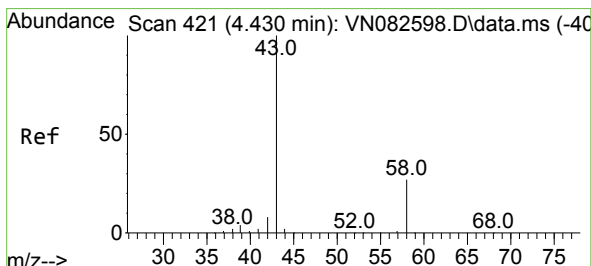
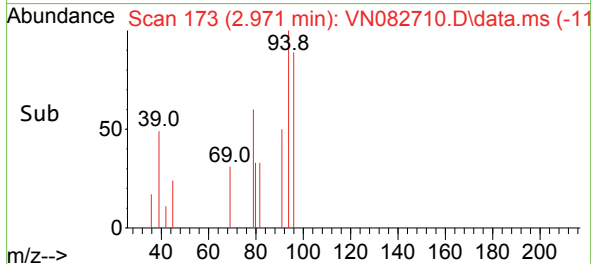
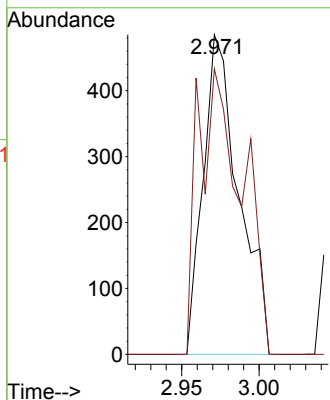
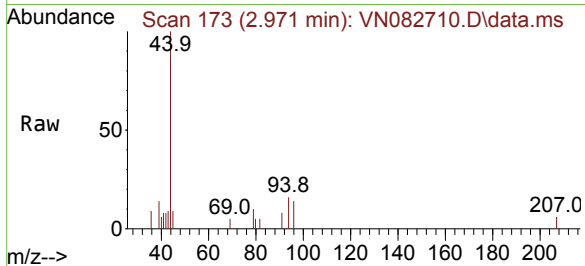




#5
Bromomethane
Concen: 0.559 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

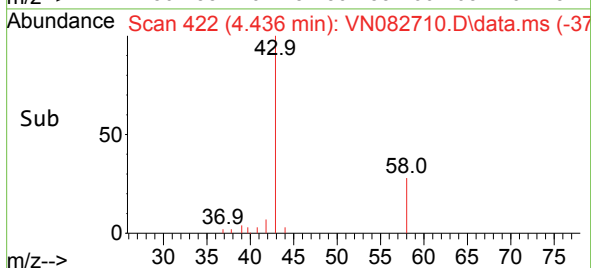
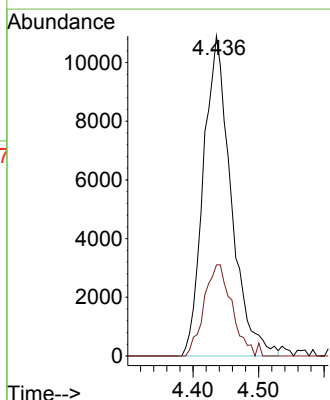
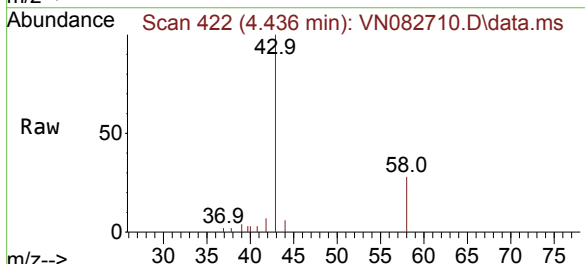
Instrument :
MSVOA_N
ClientSampleId :

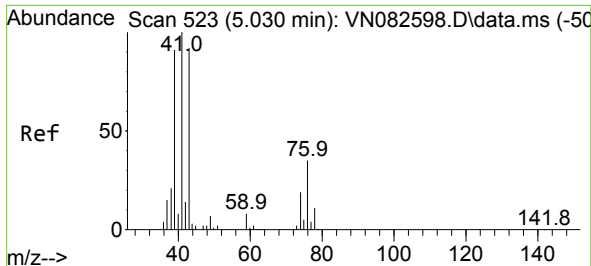
Tgt Ion: 94 Resp: 776
Ion Ratio Lower Upper
94 100
96 89.3 78.0 117.0



#16
Acetone
Concen: 32.399 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 43 Resp: 31974
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.6

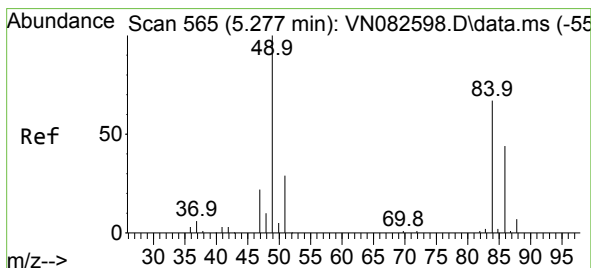
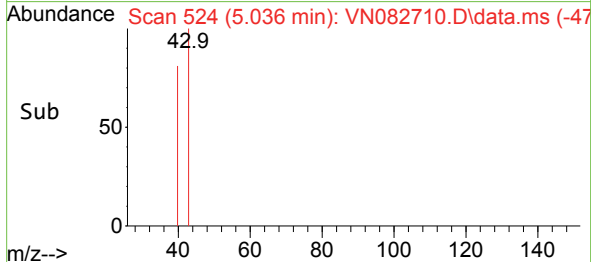
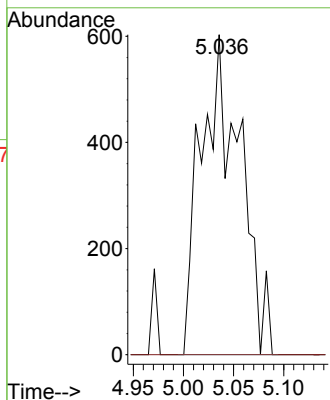
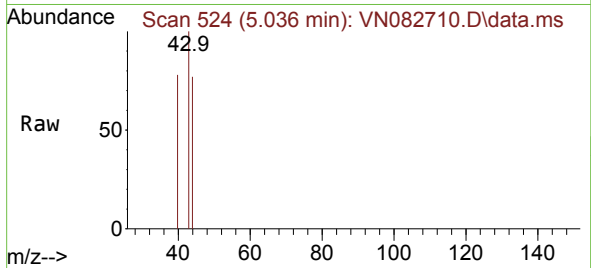




#18
Methyl Acetate
Concen: 0.678 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

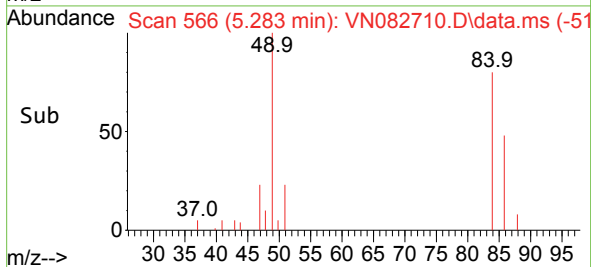
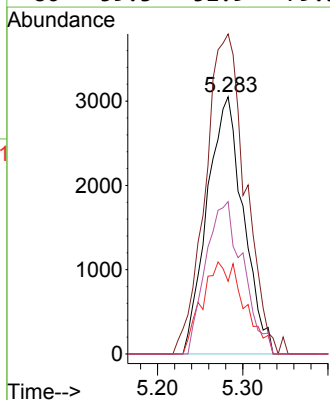
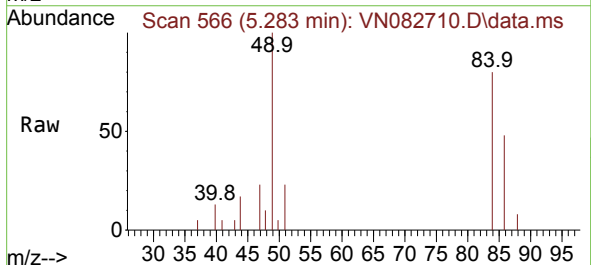
Instrument :
MSVOA_N
ClientSampleId :

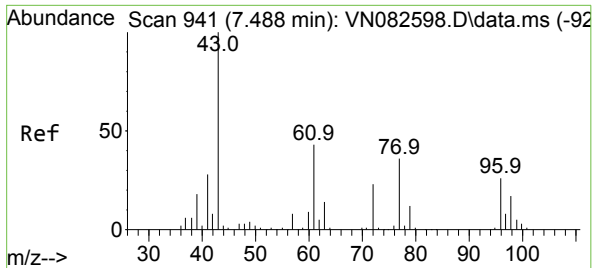
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 5.201 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 84 Resp: 9023
Ion Ratio Lower Upper
84 100
49 124.5 119.6 179.4
51 28.2 34.8 52.2#
86 59.3 52.9 79.3

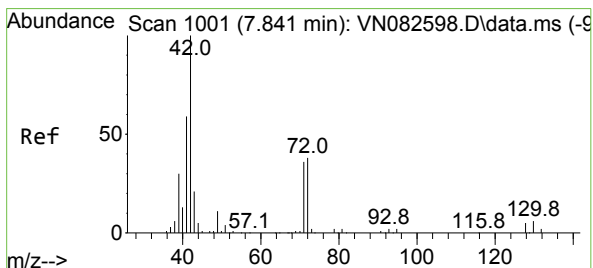
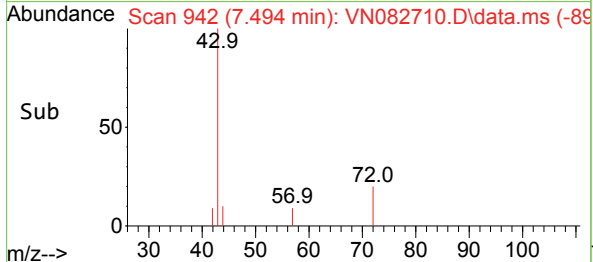
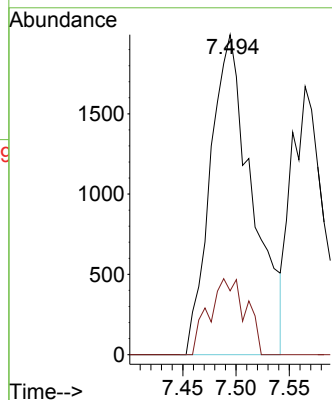
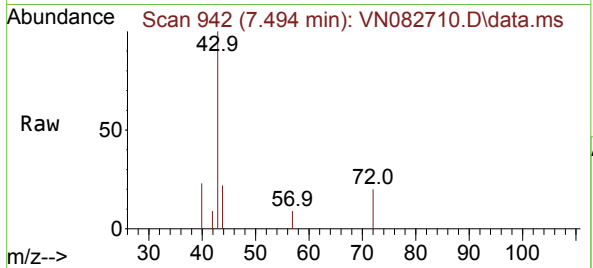




#25
2-Butanone
Concen: 3.875 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

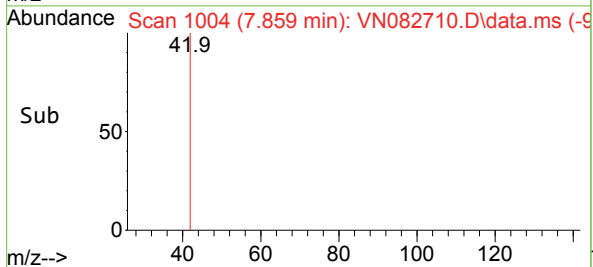
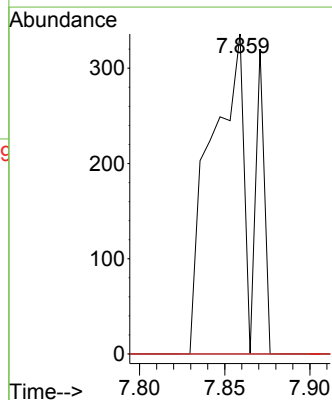
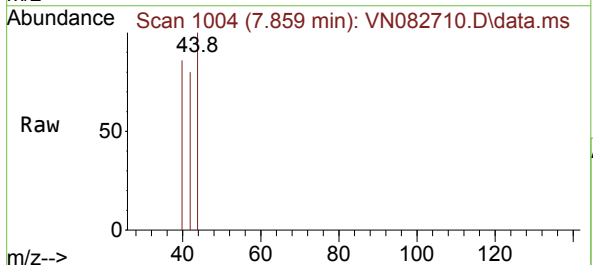
Instrument :
MSVOA_N
ClientSampleId :

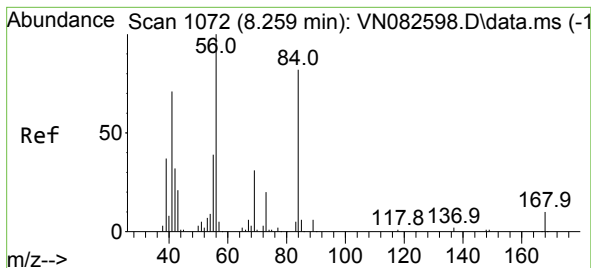
Tgt Ion: 43 Resp: 5436
Ion Ratio Lower Upper
43 100
72 19.9 18.2 27.2



#29
Tetrahydrofuran
Concen: 0.649 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 42 Resp: 557
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 0.0 28.3 42.5#





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

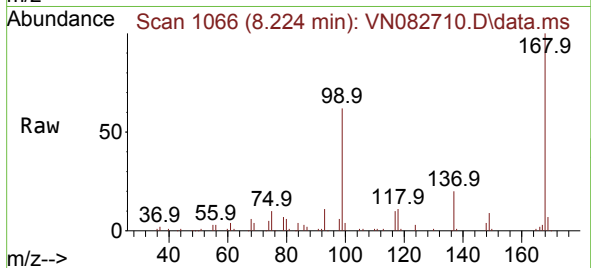
Lab File: VN082710.D

Acq: 25 Jun 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :



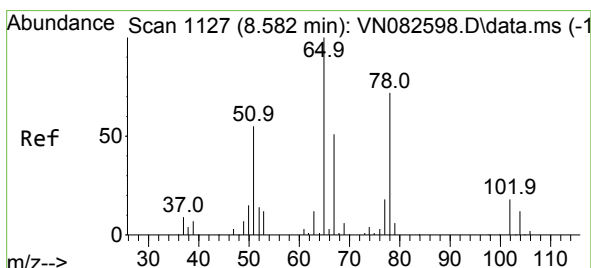
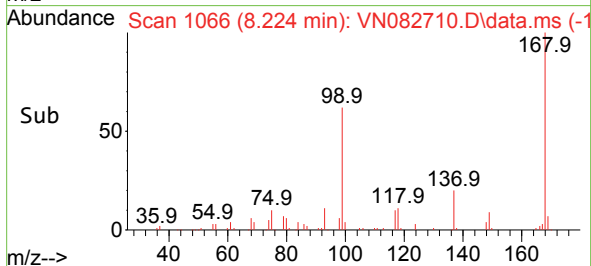
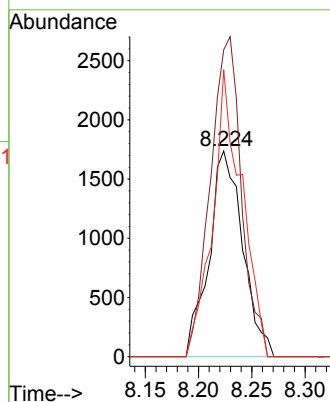
Tgt Ion: 56 Resp: 3821

Ion Ratio Lower Upper

56 100

69 149.2 24.5 36.7#

84 139.6 66.0 99.0#



#33

1,2-Dichloroethane-d4

Concen: 58.529 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN082710.D

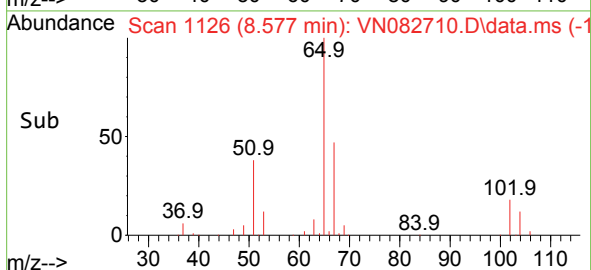
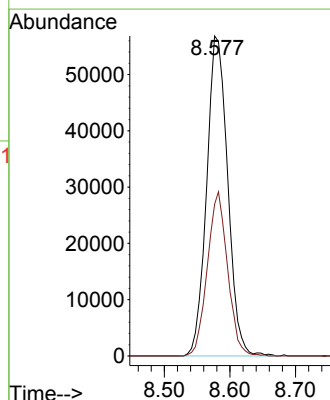
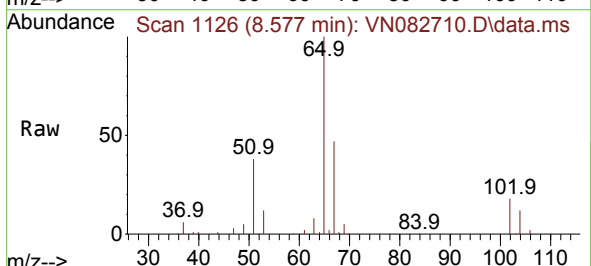
Acq: 25 Jun 2024 12:07

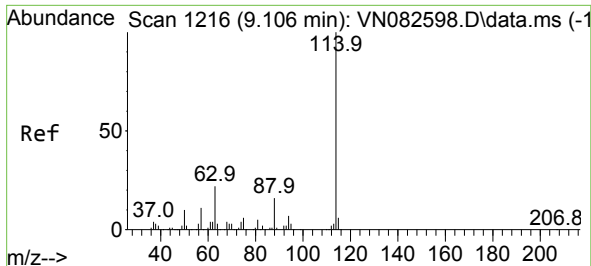
Tgt Ion: 65 Resp: 127006

Ion Ratio Lower Upper

65 100

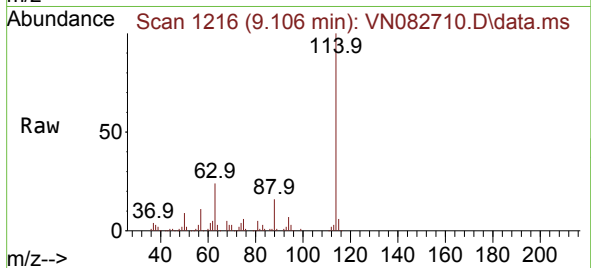
67 49.3 0.0 104.4



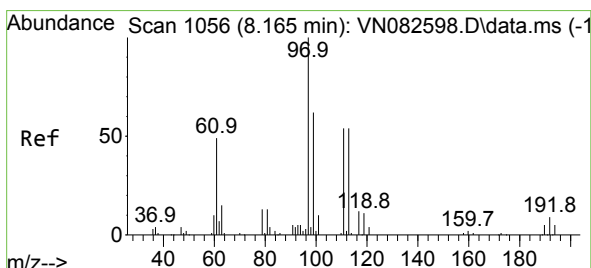
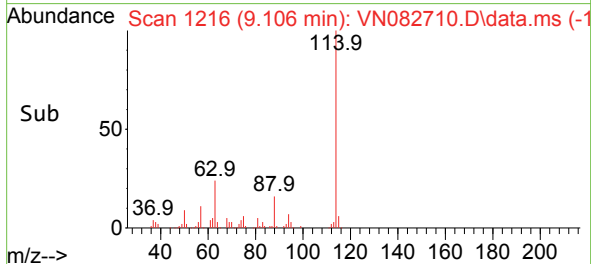
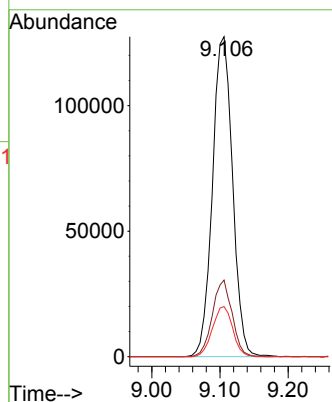


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

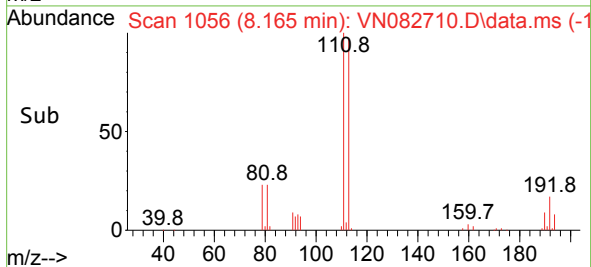
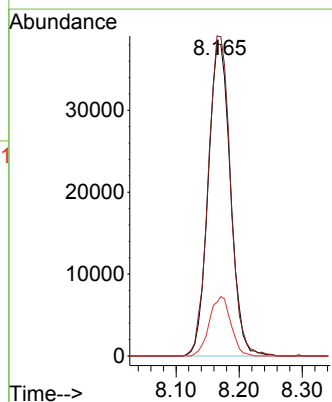
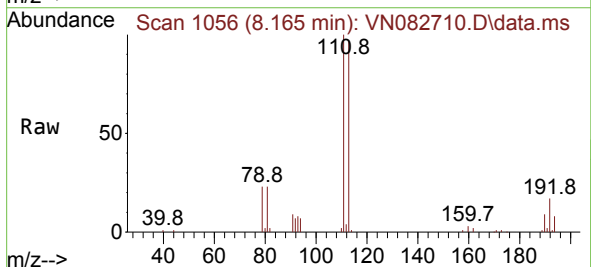


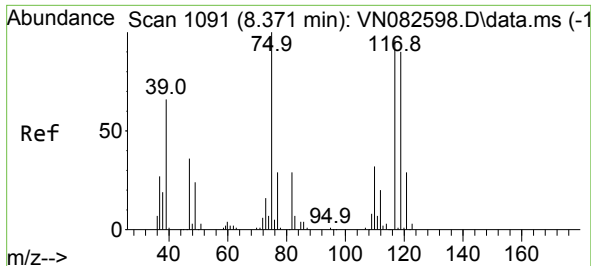
Tgt Ion:114 Resp: 261934
Ion Ratio Lower Upper
114 100
63 24.0 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.737 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

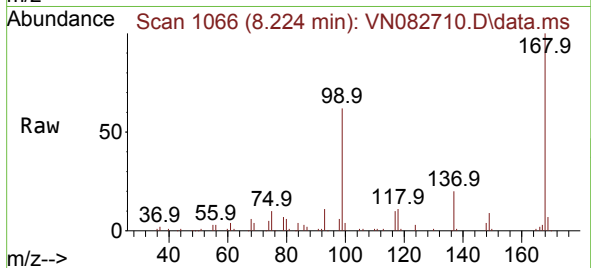
Tgt Ion:113 Resp: 93710
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.3 14.9 22.3



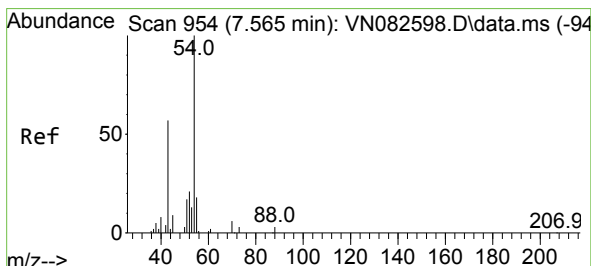
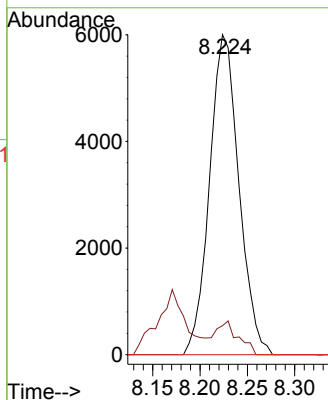
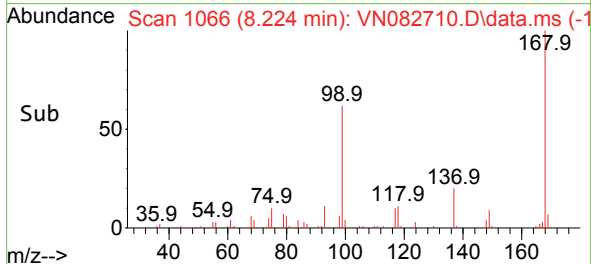


#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

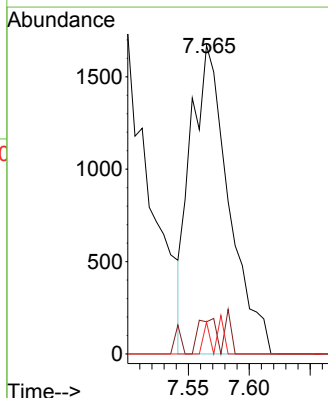
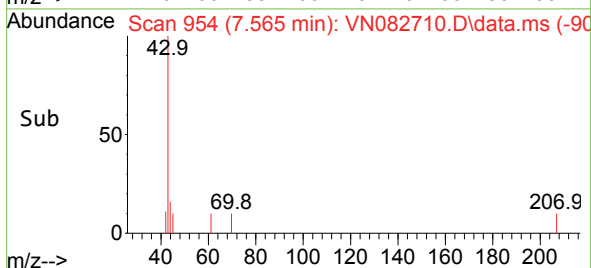
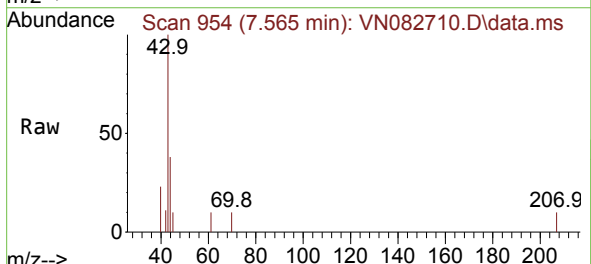


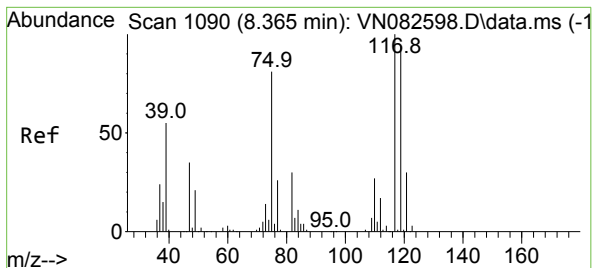
Tgt Ion: 75 Resp: 12947
Ion Ratio Lower Upper
75 100
110 8.4 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.080 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
61 5.3 9.3 13.9#
70 1.7 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 4.828 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

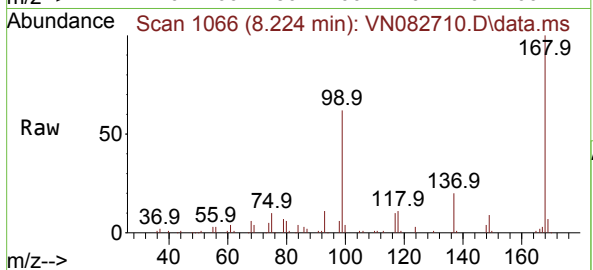
Lab File: VN082710.D

Acq: 25 Jun 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :



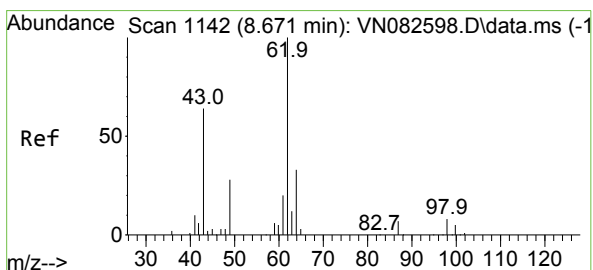
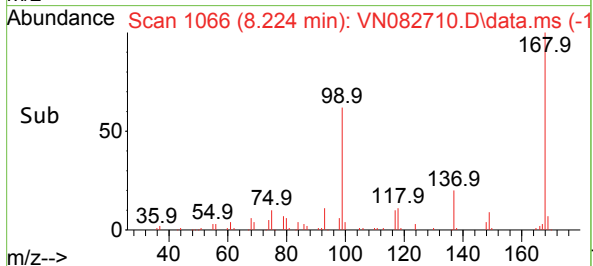
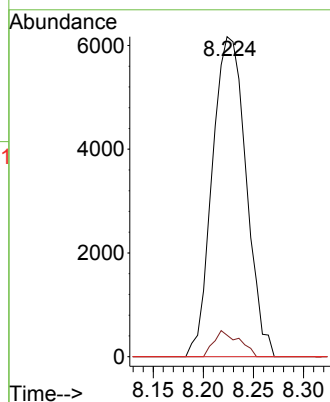
Tgt Ion:117 Resp: 14452

Ion Ratio Lower Upper

117 100

119 6.7 74.9 112.3#

121 0.0 24.3 36.5#



#42

1,2-Dichloroethane

Concen: 0.265 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN082710.D

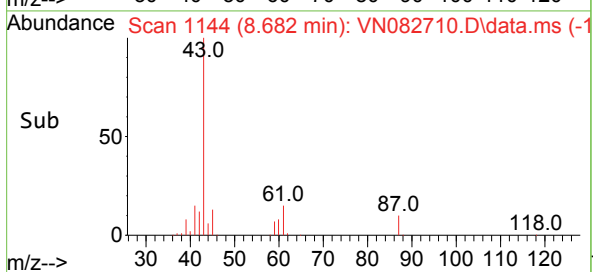
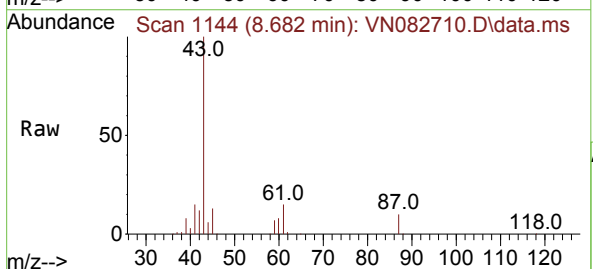
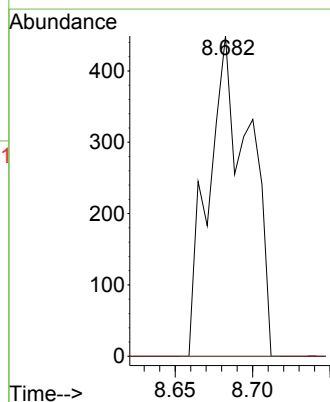
Acq: 25 Jun 2024 12:07

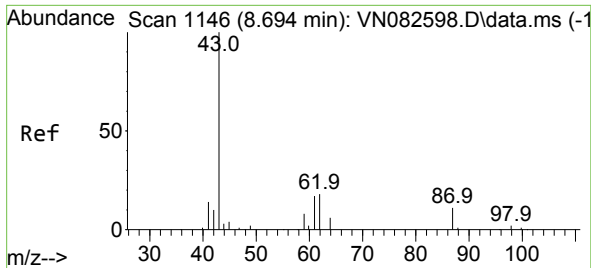
Tgt Ion: 62 Resp: 826

Ion Ratio Lower Upper

62 100

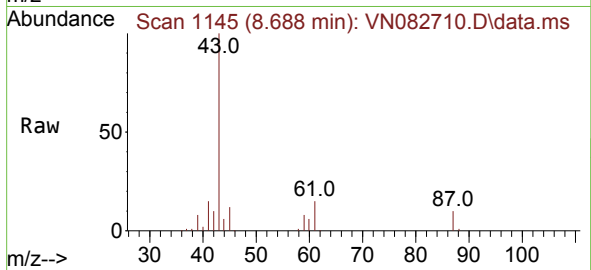
98 0.0 0.0 15.8



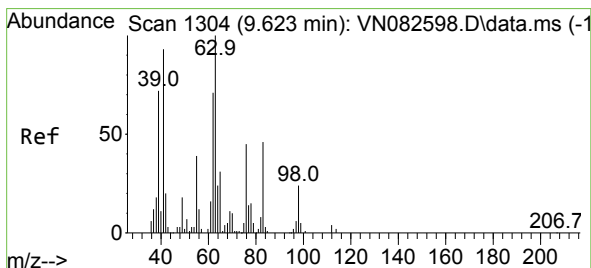
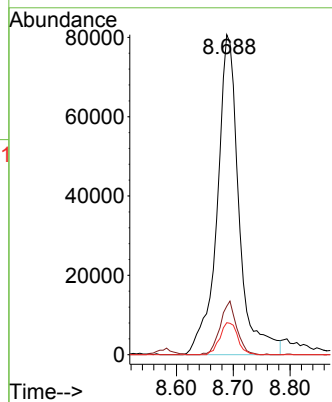
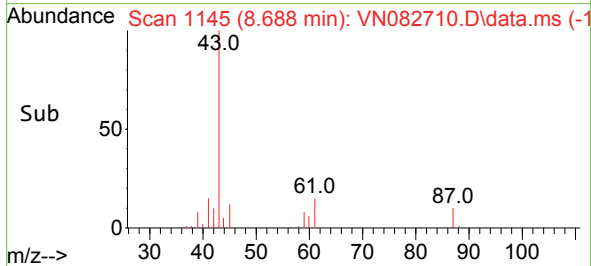


#43
Isopropyl Acetate
Concen: 34.124 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

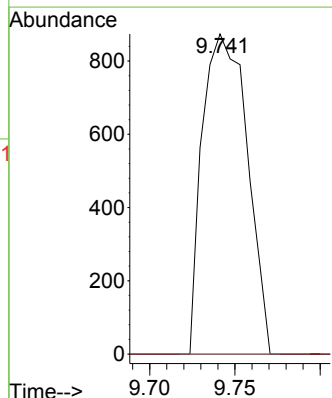
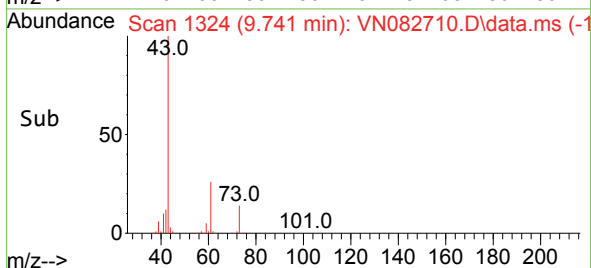
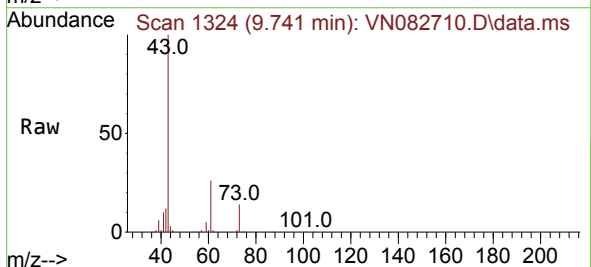


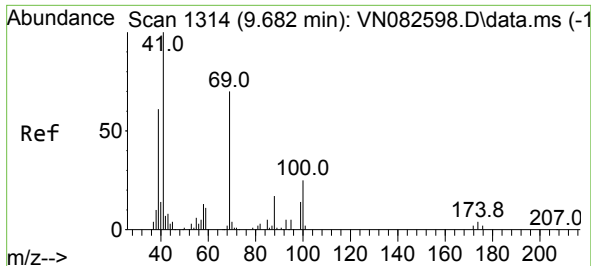
Tgt Ion: 43 Resp: 215785
Ion Ratio Lower Upper
43 100
61 12.7 17.8 26.6#
87 8.1 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.757 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 63 Resp: 1600
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

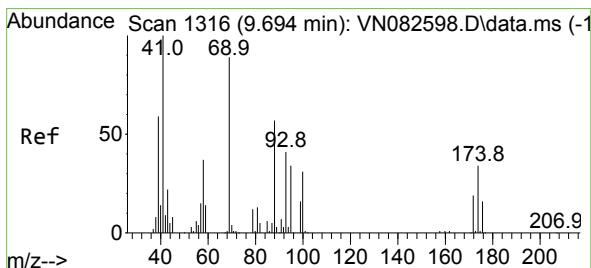
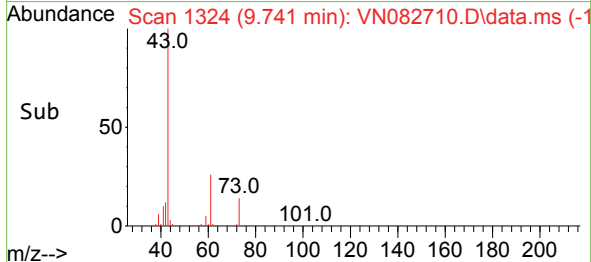
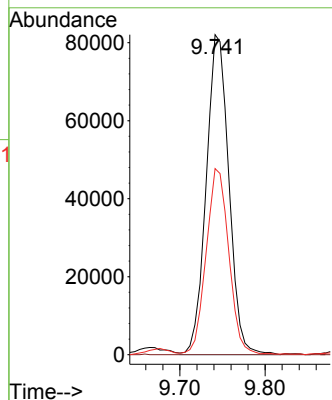
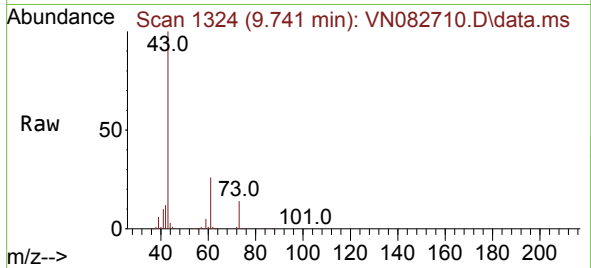




#48
Methyl methacrylate
Concen: 58.147 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.059 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

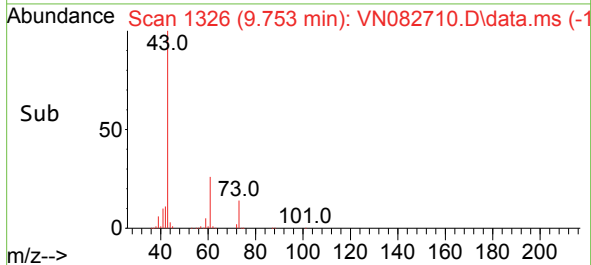
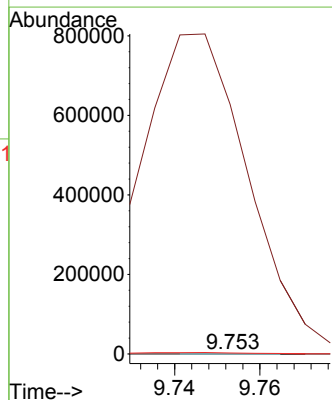
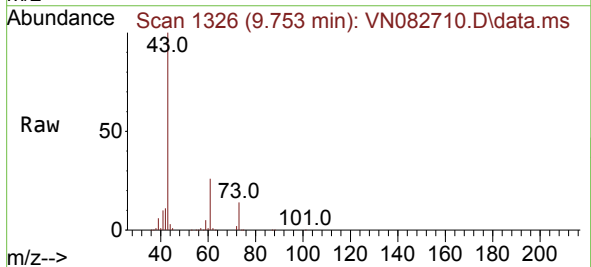
Instrument :
MSVOA_N
ClientSampleId :

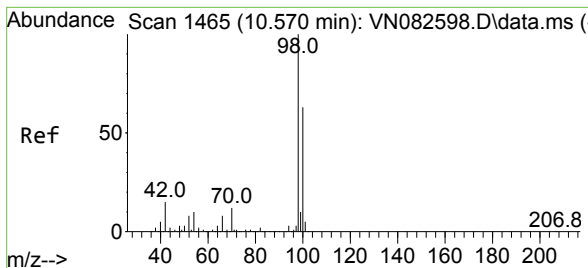
Tgt Ion: 41 Resp: 151578
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 57.9 50.3 75.5



#49
1,4-Dioxane
Concen: 1.521 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.059 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 2373993.5 27.8 41.8#
58 11643.5 59.4 89.0#

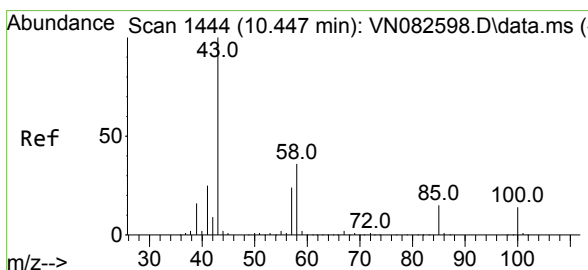
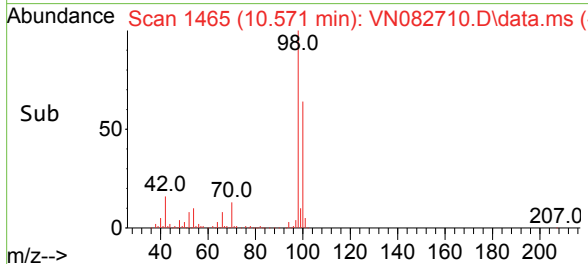
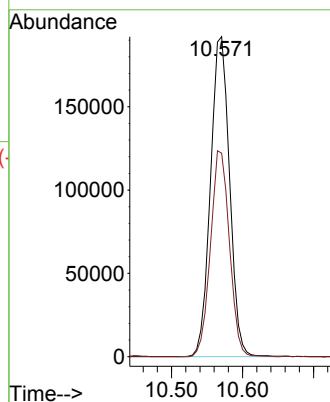
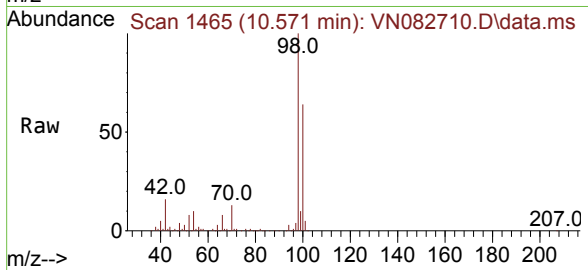




#50
Toluene-d8
Concen: 53.301 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

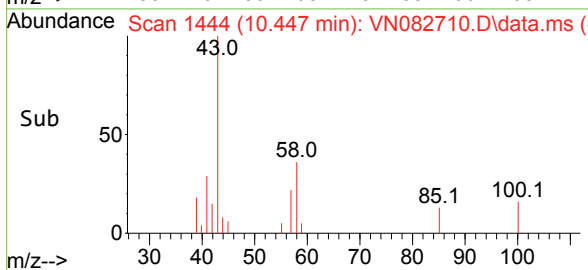
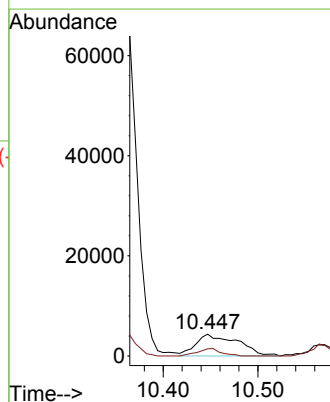
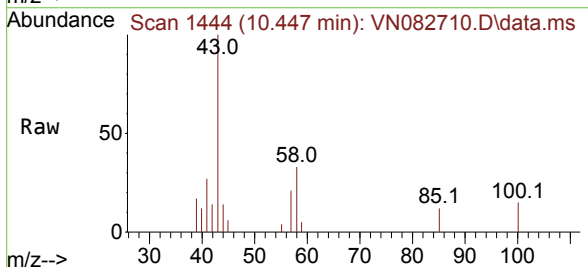
Instrument :
MSVOA_N
ClientSampleId :

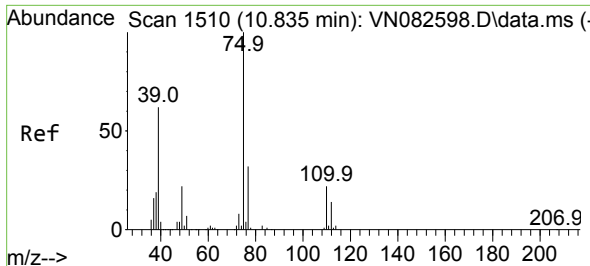
Tgt Ion: 98 Resp: 358169
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 4.123 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

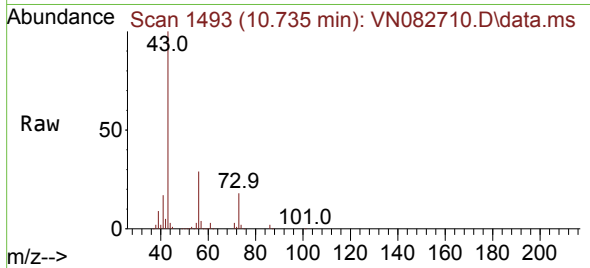
Tgt Ion: 43 Resp: 13374
Ion Ratio Lower Upper
43 100
58 19.0 28.2 42.4#



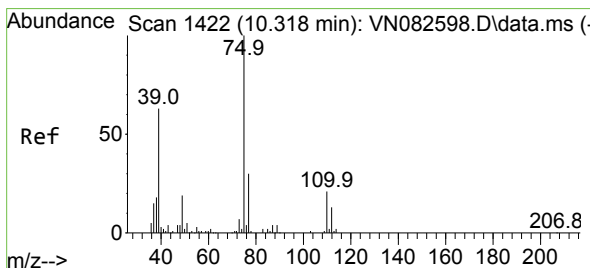
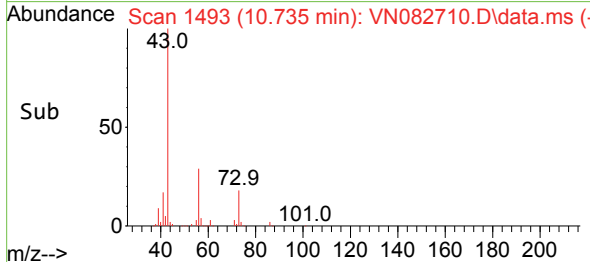
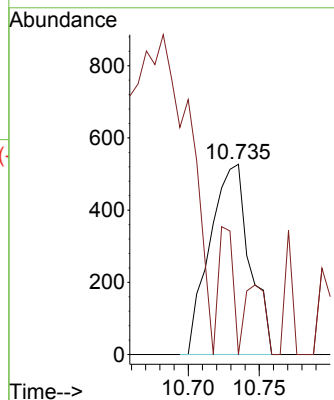


#53
t-1,3-Dichloropropene
Concen: 0.329 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.100 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

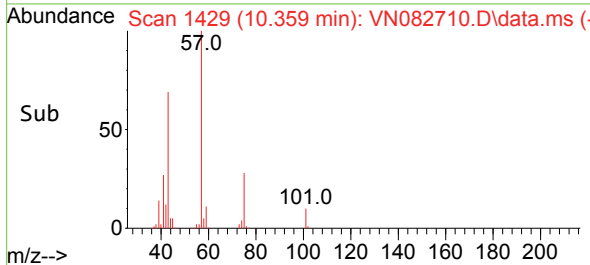
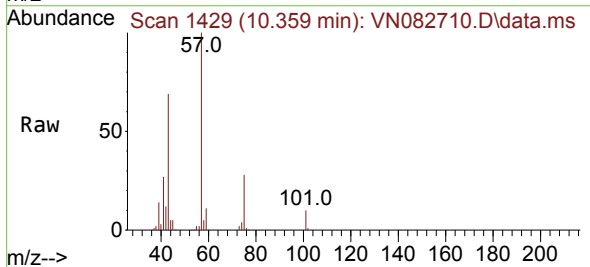
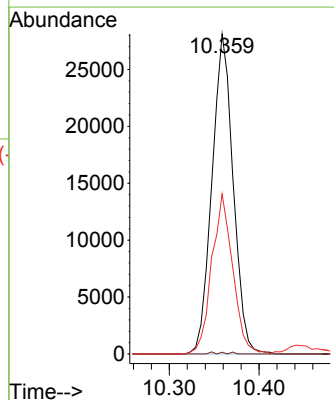


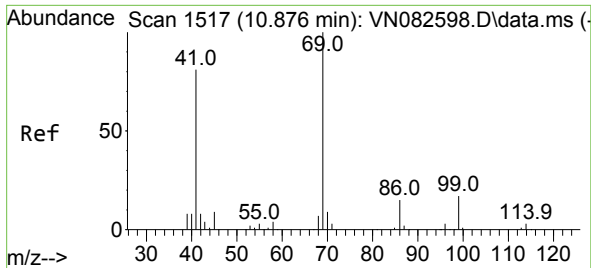
Tgt Ion: 75 Resp: 1028
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#54
cis-1,3-Dichloropropene
Concen: 14.296 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

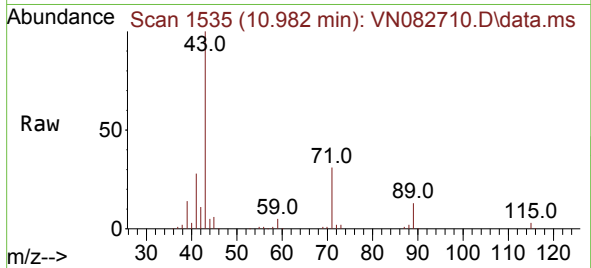
Tgt Ion: 75 Resp: 46142
Ion Ratio Lower Upper
75 100
77 0.5 24.3 36.5#
39 50.0 50.5 75.7#



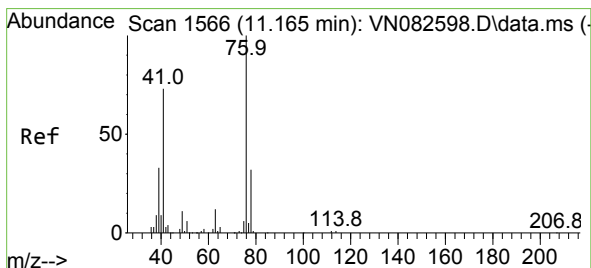
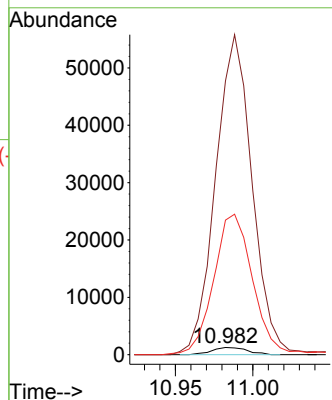
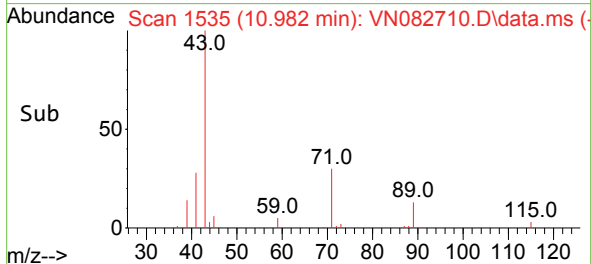


#56
Ethyl methacrylate
Concen: 0.675 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

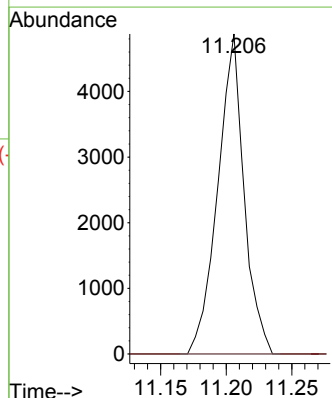
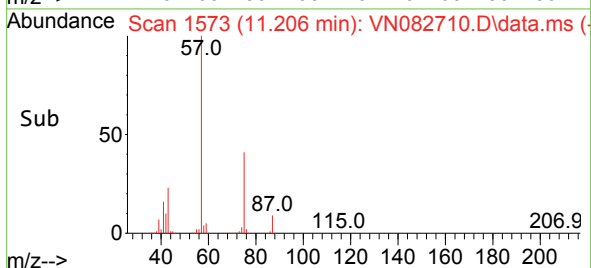
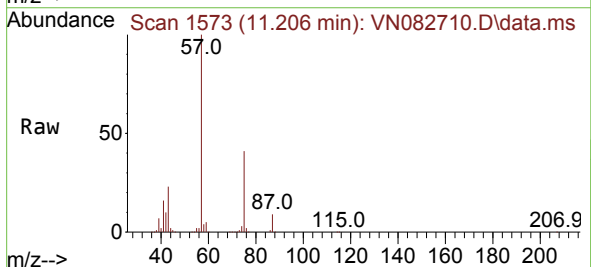


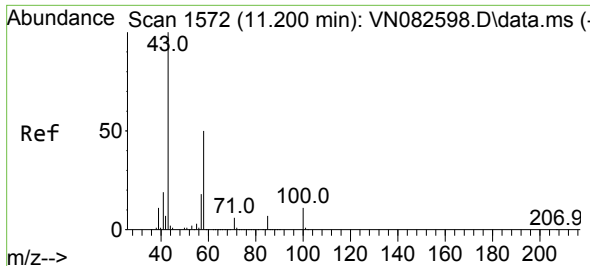
Tgt Ion: 69 Resp: 2012
Ion Ratio Lower Upper
69 100
41 4553.7 63.4 95.2#
39 2142.1 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 2.040 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 76 Resp: 6790
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

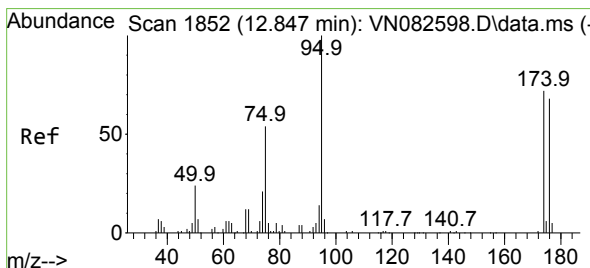
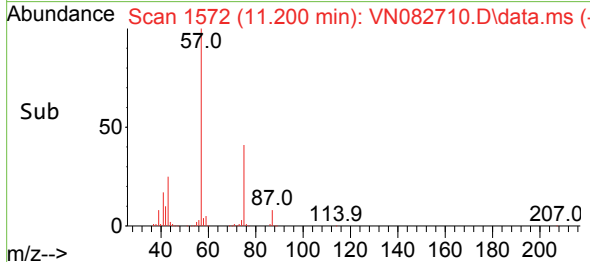
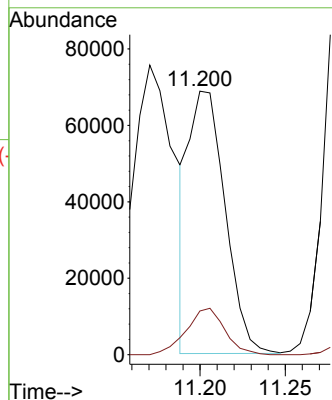
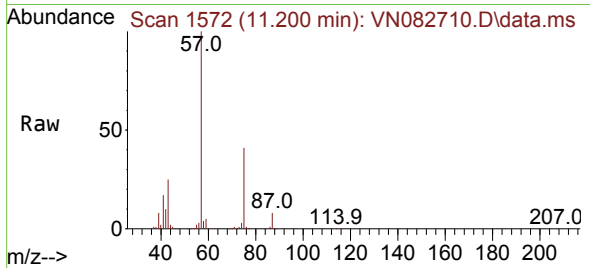




#59
2-Hexanone
Concen: 41.301 ug/l
RT: 11.200 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

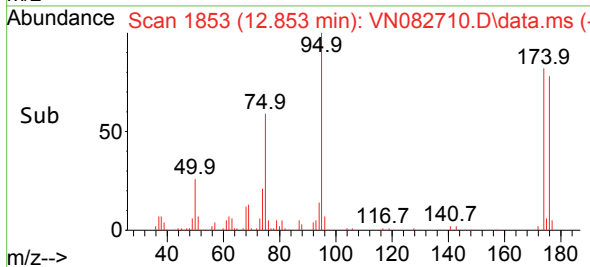
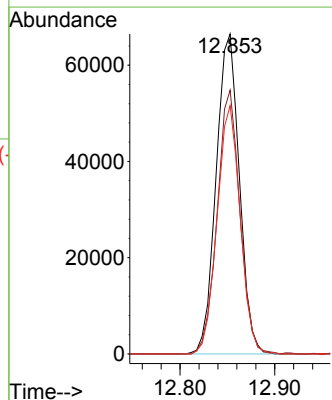
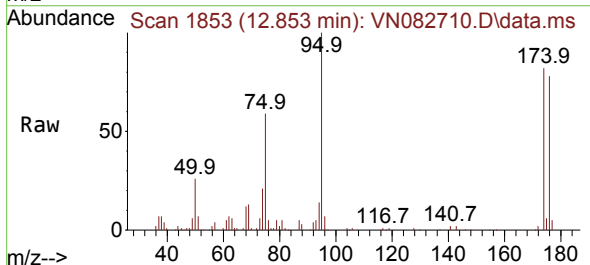
Instrument :
MSVOA_N
ClientSampleId :

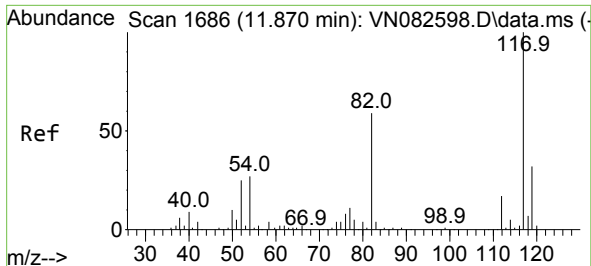
Tgt Ion: 43 Resp: 101813
Ion Ratio Lower Upper
43 100
58 18.8 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 48.867 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

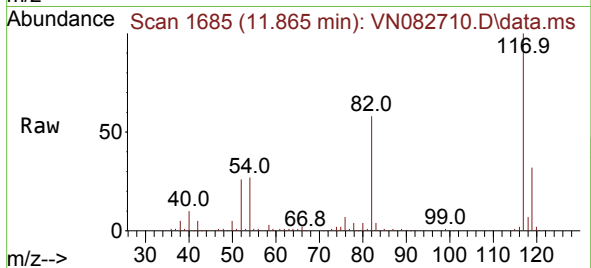
Tgt Ion: 95 Resp: 113212
Ion Ratio Lower Upper
95 100
174 80.8 0.0 159.2
176 77.1 0.0 147.6



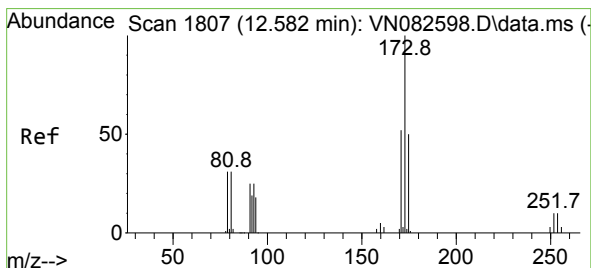
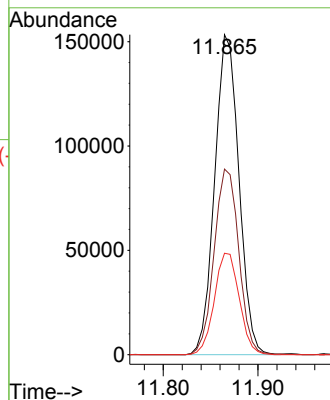
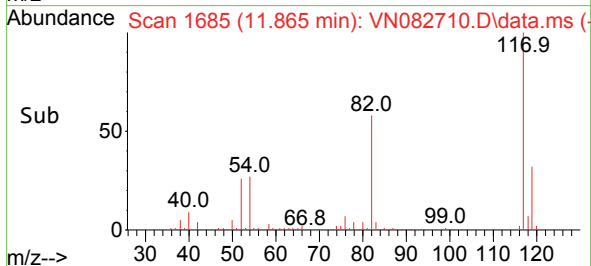


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

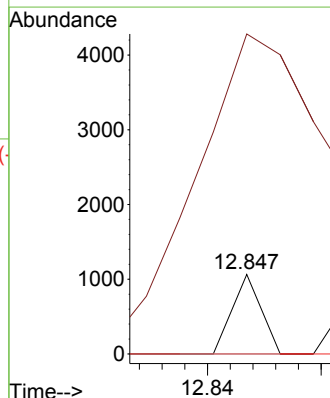
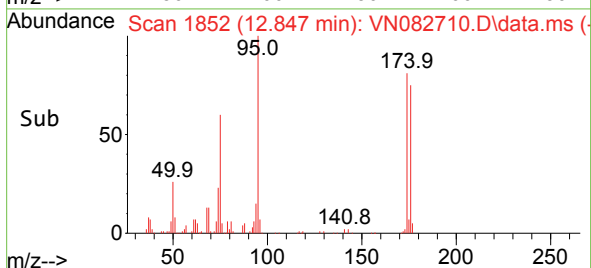
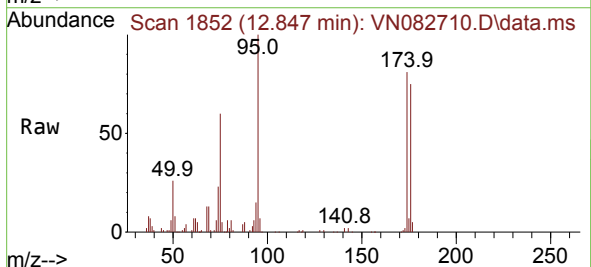


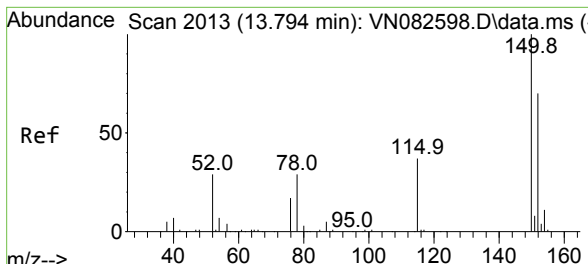
Tgt Ion:117 Resp: 272996
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.7 25.6 38.4



#71
Bromoform
Concen: 0.213 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion:173 Resp: 376
Ion Ratio Lower Upper
173 100
175 1611.2 24.0 72.0#
254 0.0 0.0 0.0

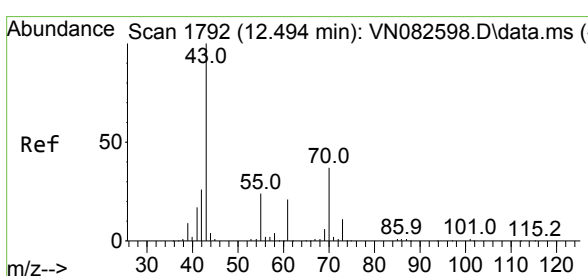
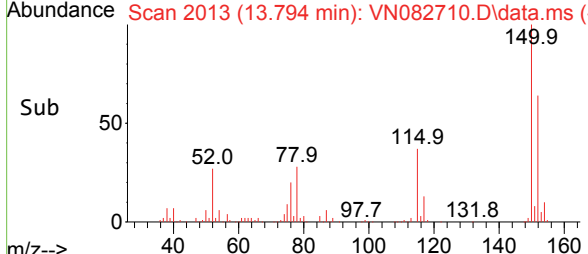
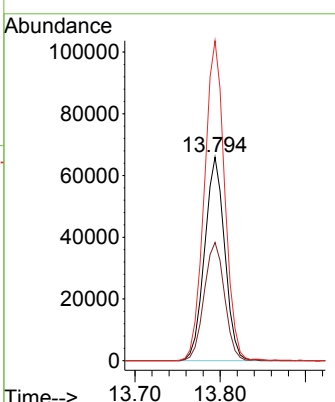
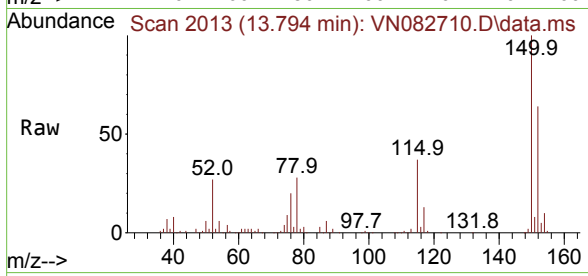




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082710.D
 Acq: 25 Jun 2024 12:07

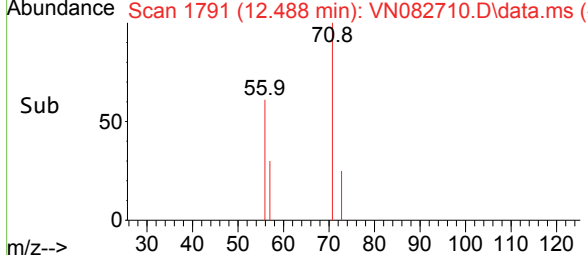
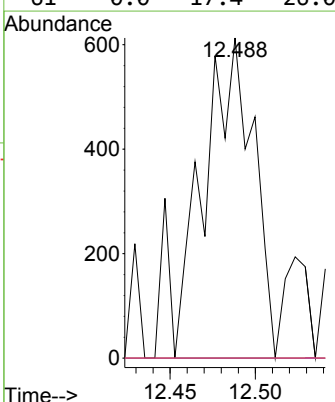
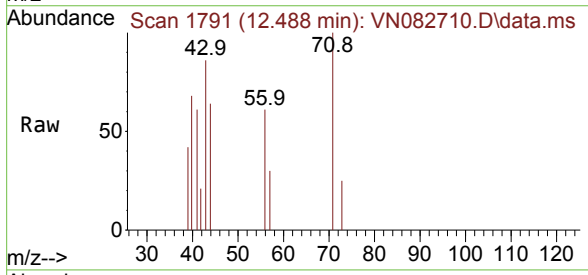
Instrument :
 MSVOA_N
 ClientSampleId :

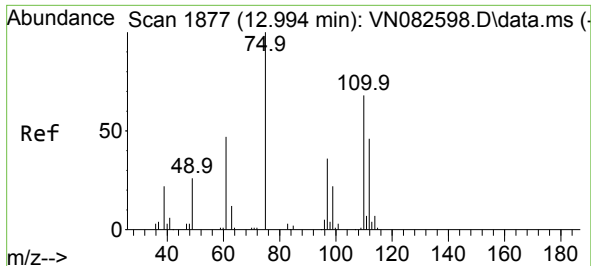
Tgt Ion:	152	Resp:	108107
Ion	Ratio	Lower	Upper
152	100		
115	59.0	30.6	91.6
150	158.8	0.0	348.6



#74
 N-ethyl acetate
 Concen: 0.281 ug/l
 RT: 12.488 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VN082710.D
 Acq: 25 Jun 2024 12:07

Tgt Ion:	43	Resp:	1231
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.6#
55	0.0	18.7	28.1#
61	0.0	17.4	26.0#

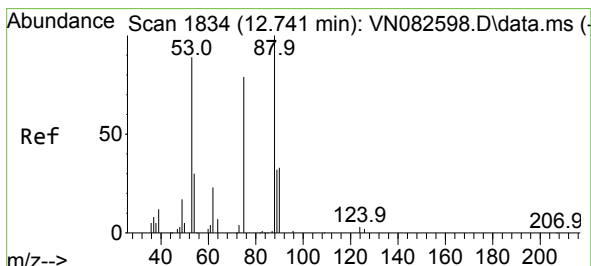
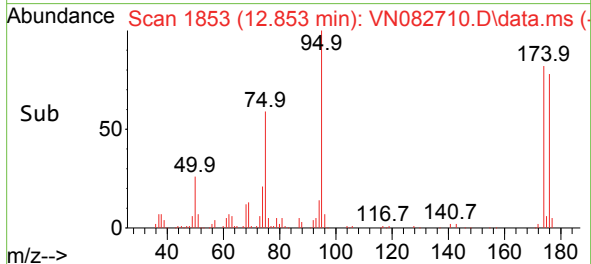
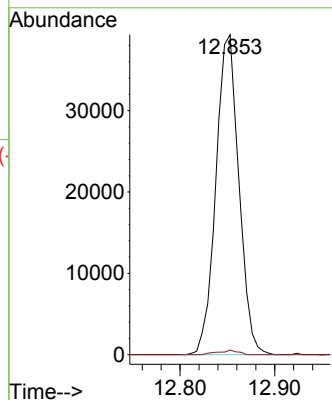
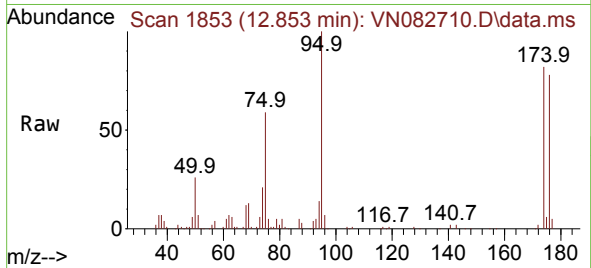




#76
1,2,3-Trichloropropane
Concen: 25.091 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 66343
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.028 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082710.D
Acq: 25 Jun 2024 12:07

Tgt Ion: 75 Resp: 66343
Ion Ratio Lower Upper
75 100
53 0.3 88.4 132.6#
89 0.0 36.3 54.5#

