

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082561.D
 Acq On : 13 Jun 2024 15:56
 Operator : JC\MD
 Sample : P2853-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9

Quant Time: Jun 14 02:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

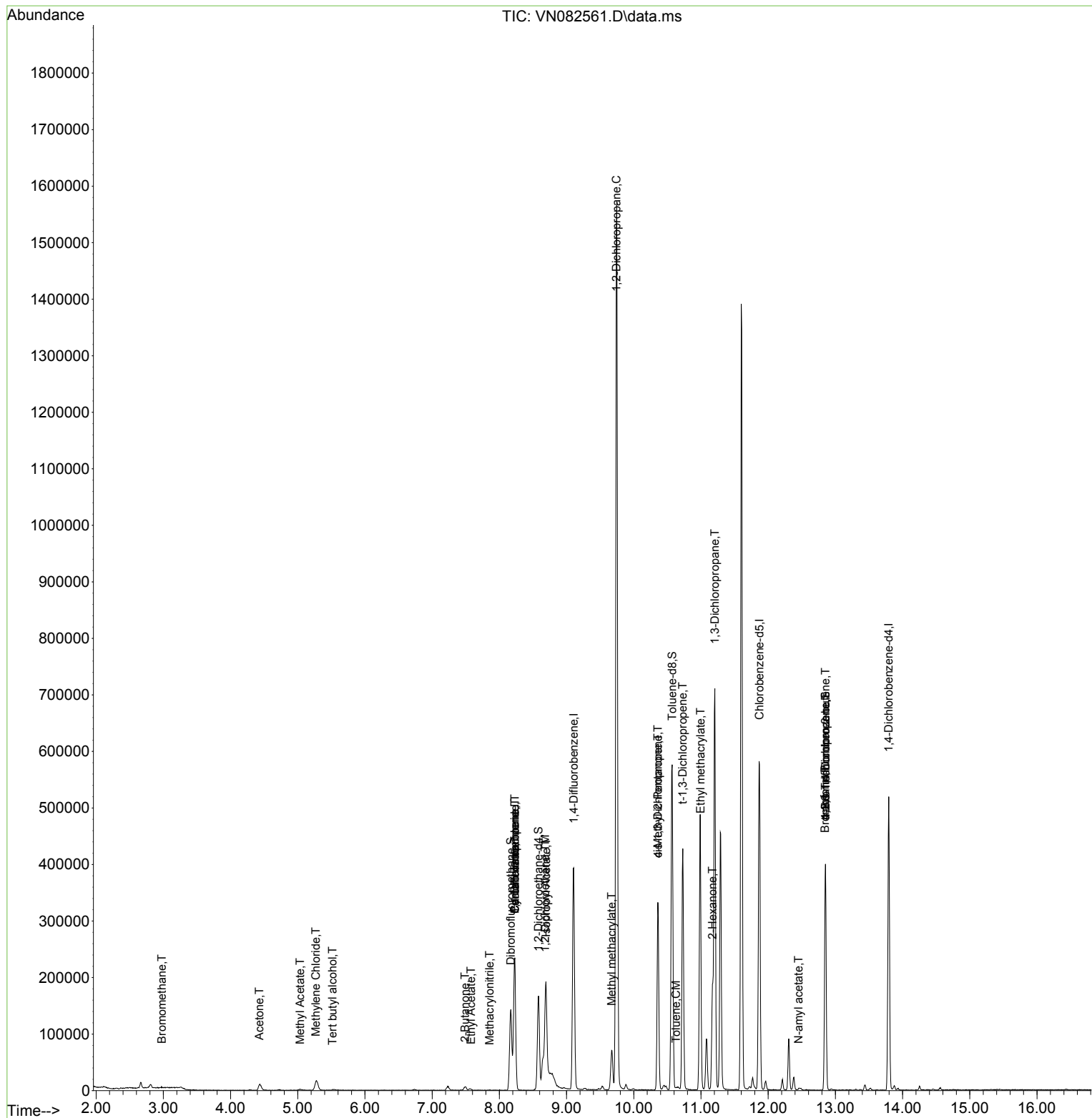
Internal Standards						
1) Pentafluorobenzene	8.230	168	163430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	316623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136391	52.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	8.171	113	101177	52.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.520%			
50) Toluene-d8	10.571	98	385360	52.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.853	95	127085	48.424	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 96.840%			
Target Compounds					Qvalue	
5) Bromomethane	2.977	94	438	0.304	ug/l #	79
11) Tert butyl alcohol	5.518	59	844	2.037	ug/l #	71
16) Acetone	4.430	43	21415	20.229	ug/l #	85
18) Methyl Acetate	5.036	43	3743	1.420	ug/l #	54
20) Methylene Chloride	5.271	84	12372	5.793	ug/l #	73
25) 2-Butanone	7.488	43	10855	6.763	ug/l #	87
31) Cyclohexane	8.230	56	4587	1.113	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	15135	4.705	ug/l #	43
37) Ethyl Acetate	7.577	43	4788	1.330	ug/l #	82
38) Carbon Tetrachloride	8.230	117	17935	5.500	ug/l #	15
41) Methacrylonitrile	7.853	41	437	0.206	ug/l #	19
42) 1,2-Dichloroethane	8.682	62	1245	0.337	ug/l #	73
43) Isopropyl Acetate	8.694	43	290466	45.539	ug/l #	71
45) 1,2-Dichloropropane	9.741	63	1563	0.632	ug/l #	45
48) Methyl methacrylate	9.671	41	5962	1.962	ug/l #	37
51) 4-Methyl-2-Pentanone	10.359	43	133459	36.826	ug/l #	43
52) Toluene	10.629	92	1393	0.242	ug/l	93
53) t-1,3-Dichloropropene	10.729	75	1012	0.285	ug/l	93
54) cis-1,3-Dichloropropene	10.359	75	51565	13.732	ug/l #	77
56) Ethyl methacrylate	10.994	69	2132	0.600	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	6455	1.650	ug/l #	42
59) 2-Hexanone	11.171	43	149306	56.267	ug/l #	23
71) Bromoform	12.847	173	599	1.023	ug/l #	28
74) N-amyl acetate	12.453	43	4292	0.771	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	74985	27.966	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	74985	65.412	ug/l #	12

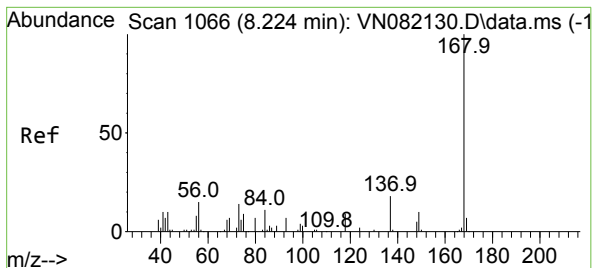
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
Data File : VN082561.D
Acq On : 13 Jun 2024 15:56
Operator : JC\MD
Sample : P2853-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
9

Quant Time: Jun 14 02:30:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN082561.D

Acq: 13 Jun 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

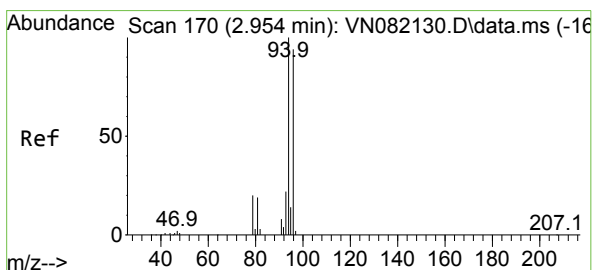
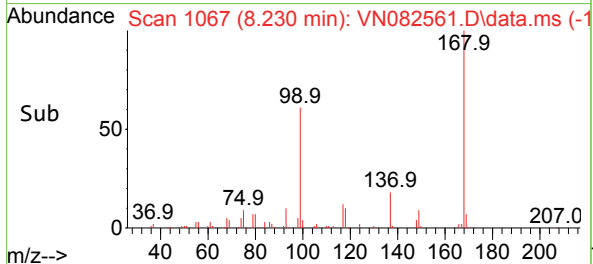
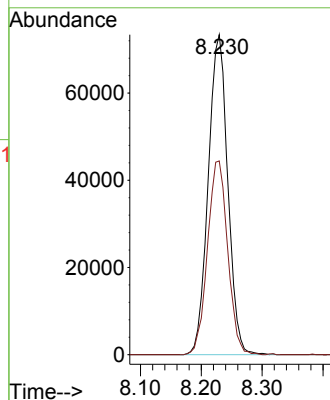
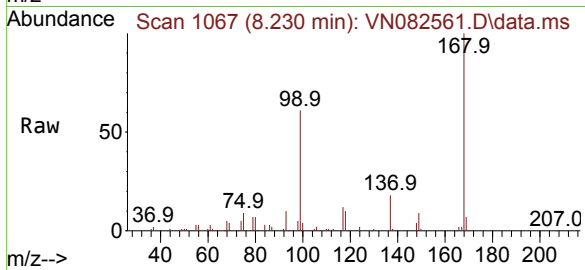
9

Tgt Ion:168 Resp: 163430

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



#5

Bromomethane

Concen: 0.304 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.023 min

Lab File: VN082561.D

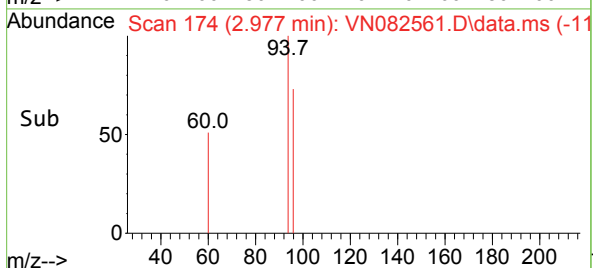
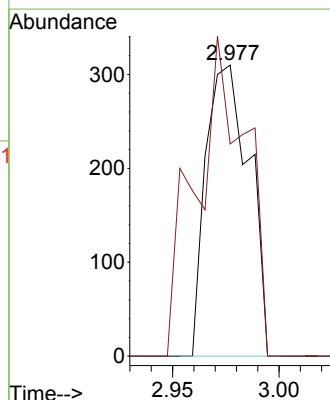
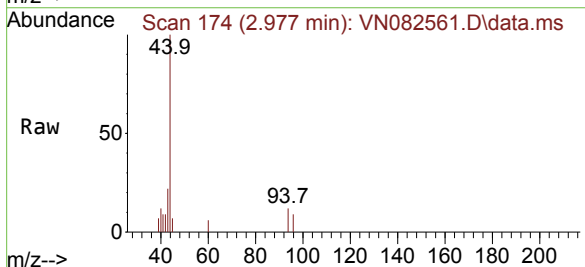
Acq: 13 Jun 2024 15:56

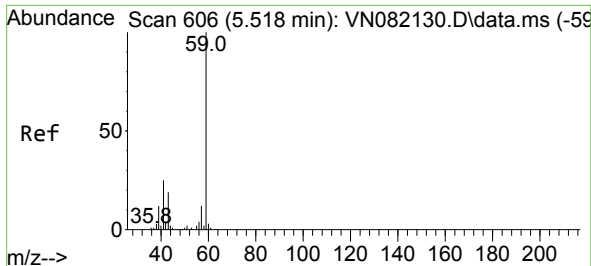
Tgt Ion: 94 Resp: 438

Ion Ratio Lower Upper

94 100

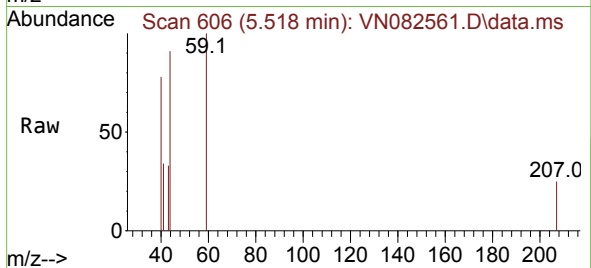
96 72.9 74.8 112.2#



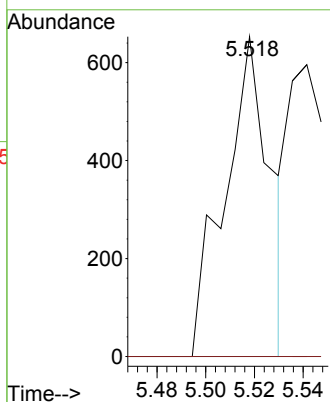
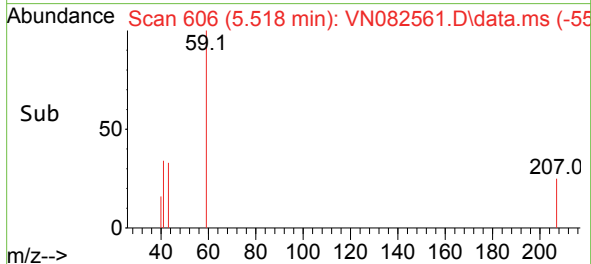


#11
Tert butyl alcohol
Concen: 2.037 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

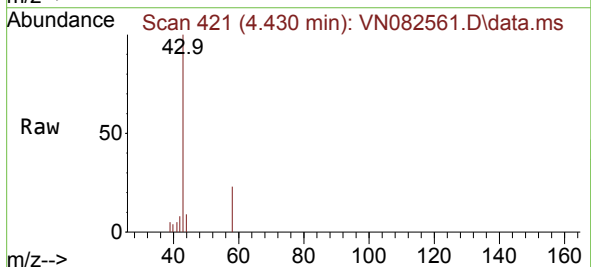
Instrument :
MSVOA_N
ClientSampleId :
9



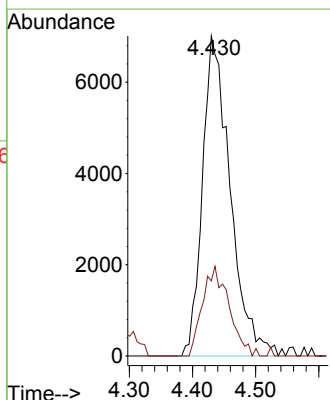
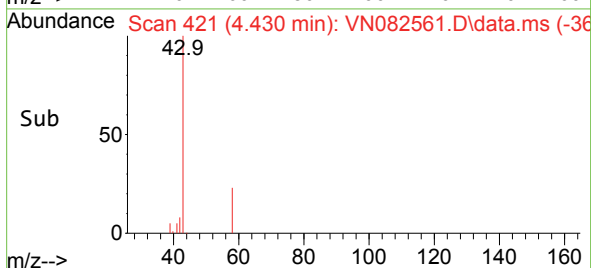
Tgt Ion: 59 Resp: 844
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

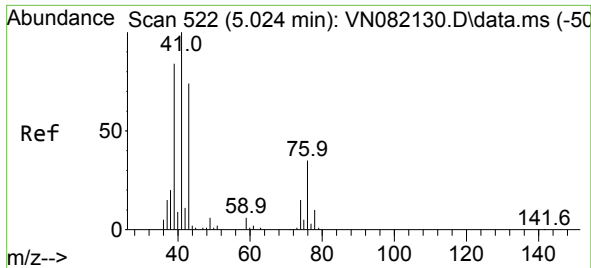


#16
Acetone
Concen: 20.229 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56



Tgt Ion: 43 Resp: 21415
Ion Ratio Lower Upper
43 100
58 23.5 25.2 37.8#

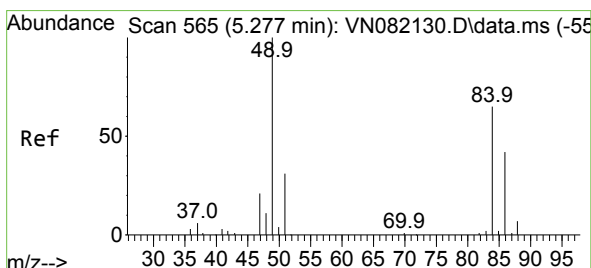
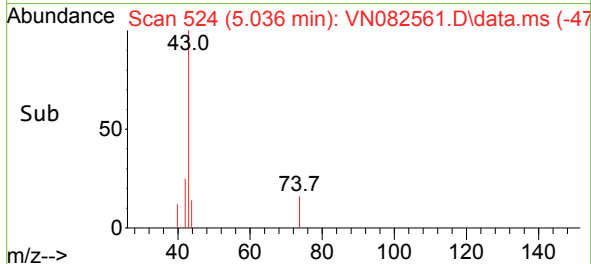
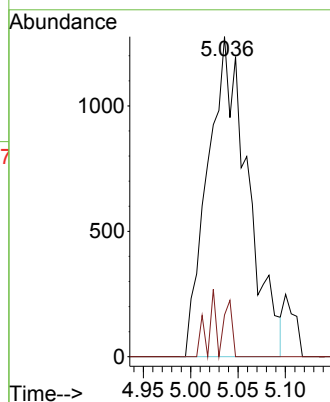
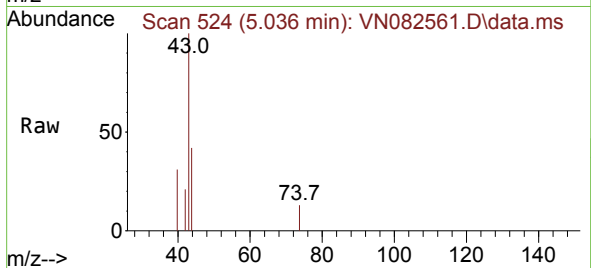




#18
Methyl Acetate
Concen: 1.420 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

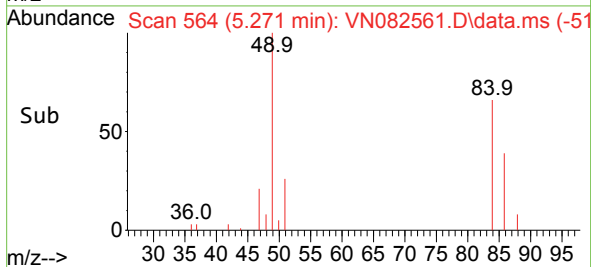
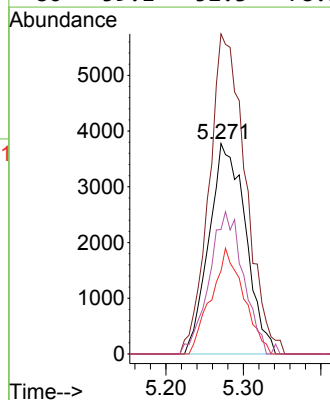
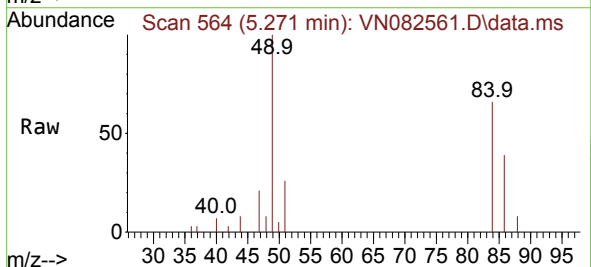
Instrument :
MSVOA_N
ClientSampleId :
9

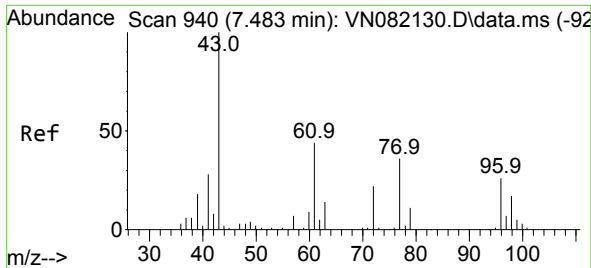
Tgt Ion: 43 Resp: 3743
Ion Ratio Lower Upper
43 100
74 3.7 22.2 33.2#



#20
Methylene Chloride
Concen: 5.793 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 84 Resp: 12372
Ion Ratio Lower Upper
84 100
49 152.1 84.9 127.3#
51 39.5 27.0 40.6
86 59.1 52.3 78.5

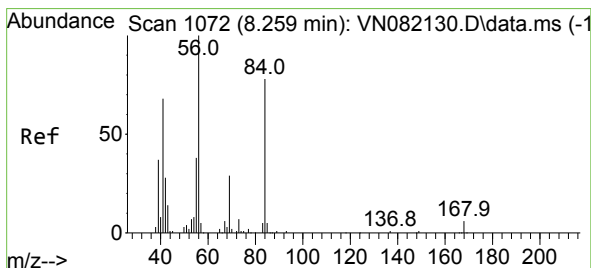
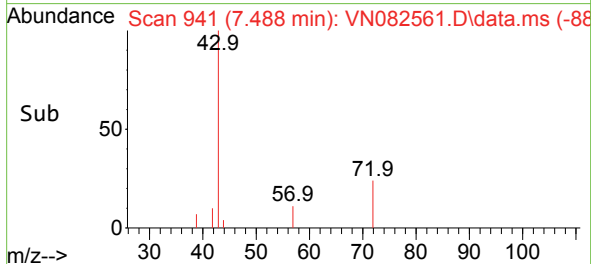
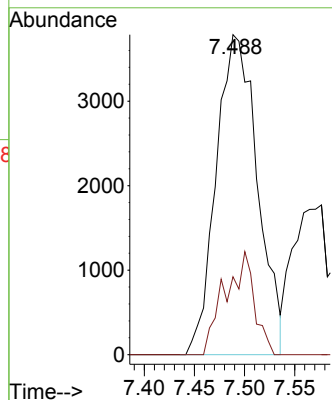
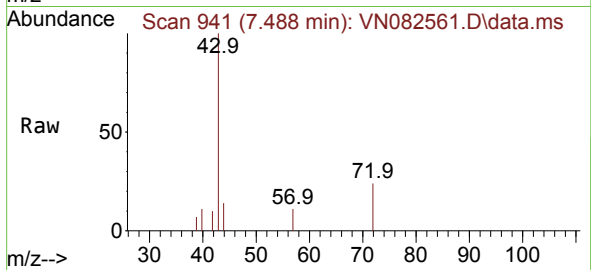




#25
2-Butanone
Concen: 6.763 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

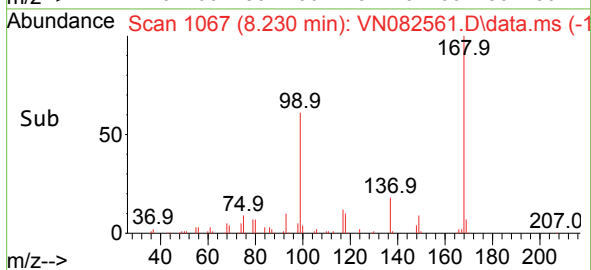
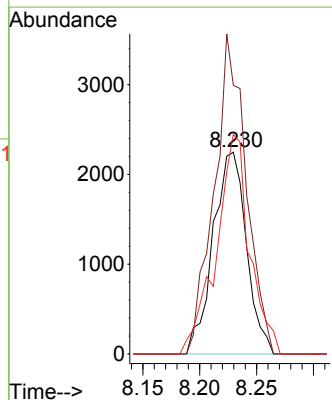
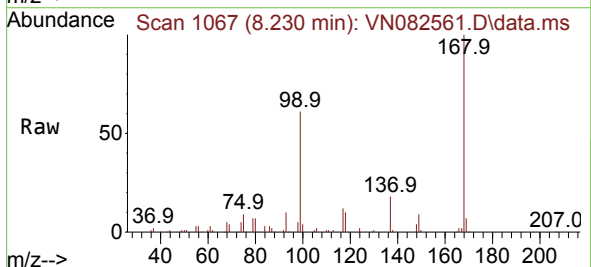
Instrument :
MSVOA_N
ClientSampleId :
9

Tgt Ion: 43 Resp: 10855
Ion Ratio Lower Upper
43 100
72 24.3 25.3 37.9#



#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 56 Resp: 4587
Ion Ratio Lower Upper
56 100
69 133.2 24.4 36.6#
84 108.8 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 52.852 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082561.D

Acq: 13 Jun 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

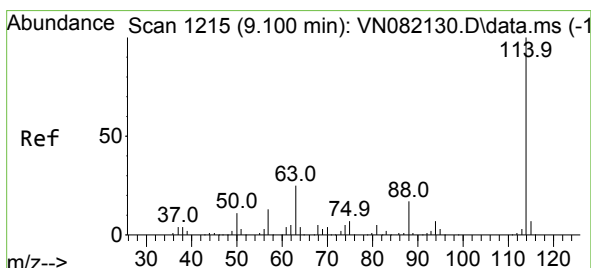
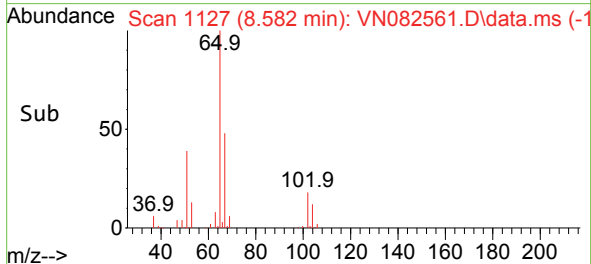
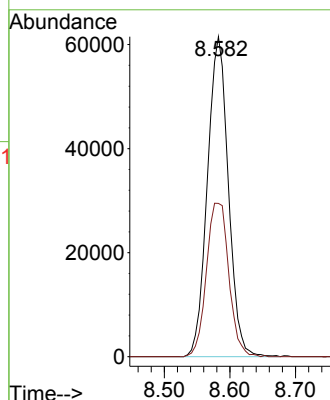
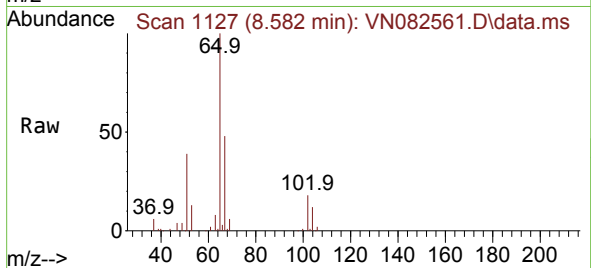
9

Tgt Ion: 65 Resp: 136391

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082561.D

Acq: 13 Jun 2024 15:56

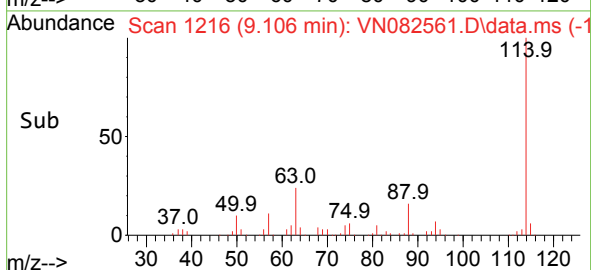
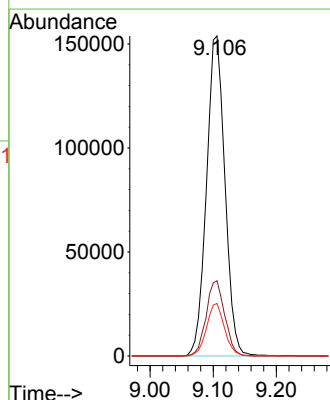
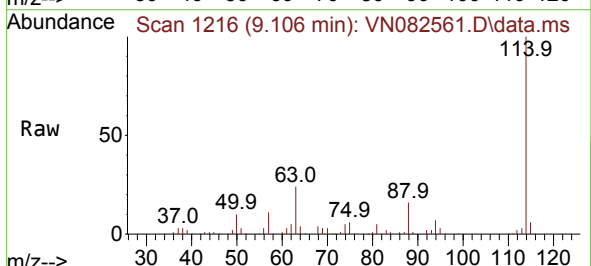
Tgt Ion: 114 Resp: 311768

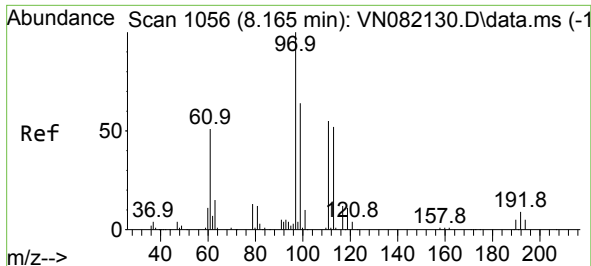
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.4 0.0 31.4

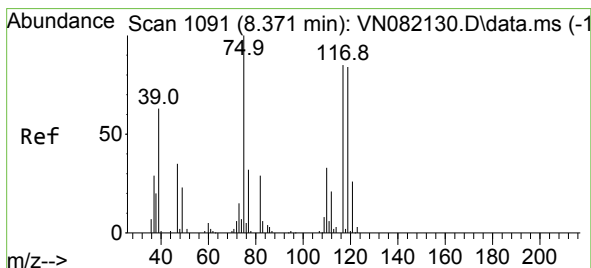
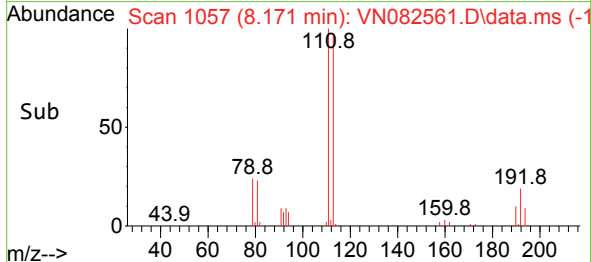
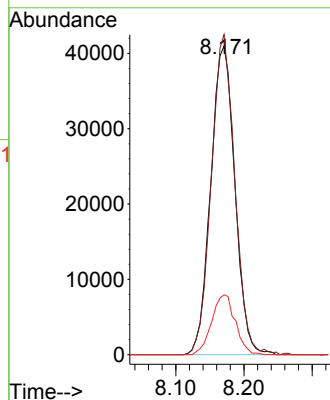
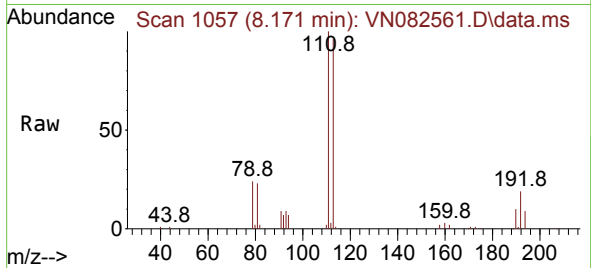




#35
Dibromofluoromethane
Concen: 52.755 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

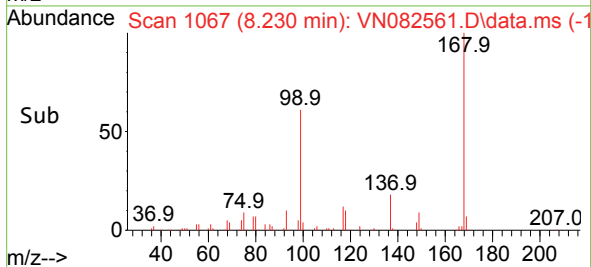
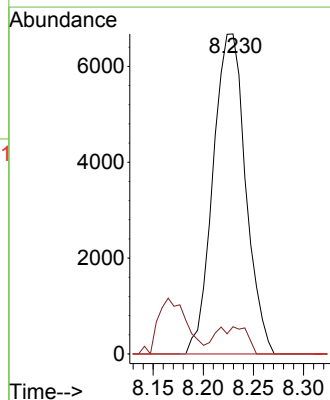
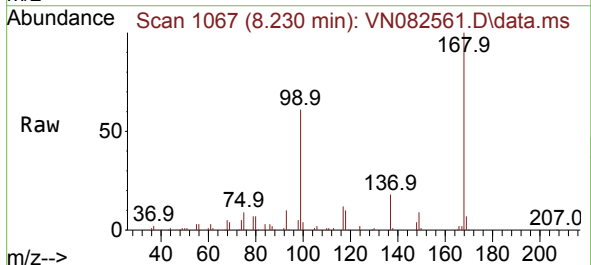
Instrument :
MSVOA_N
ClientSampleId :
9

Tgt Ion:113 Resp: 101177
Ion Ratio Lower Upper
113 100
111 100.8 83.4 125.2
192 18.9 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.705 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 75 Resp: 15135
Ion Ratio Lower Upper
75 100
110 2.2 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.330 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN082561.D

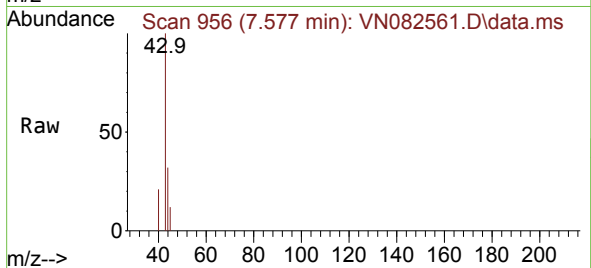
Acq: 13 Jun 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

9



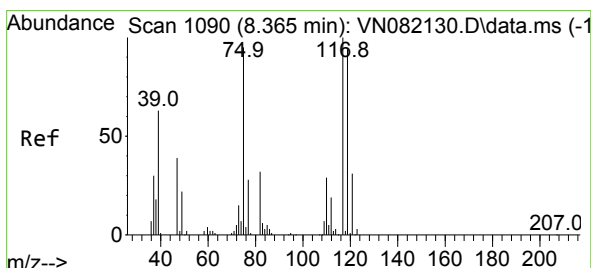
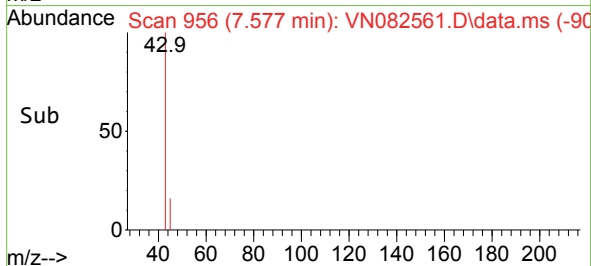
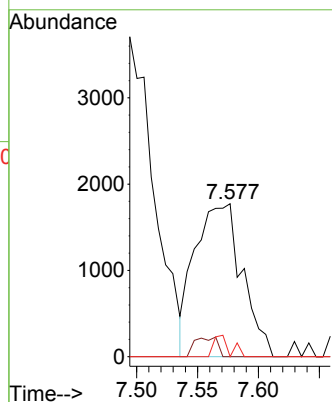
Tgt Ion: 43 Resp: 4788

Ion Ratio Lower Upper

43 100

61 6.1 11.3 16.9#

70 4.7 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.500 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082561.D

Acq: 13 Jun 2024 15:56

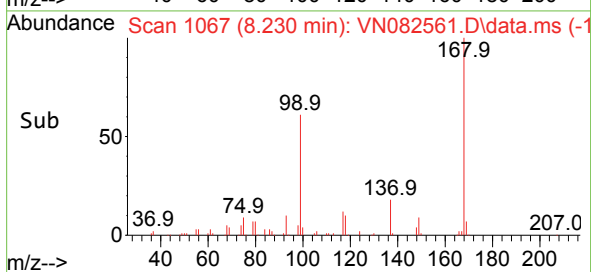
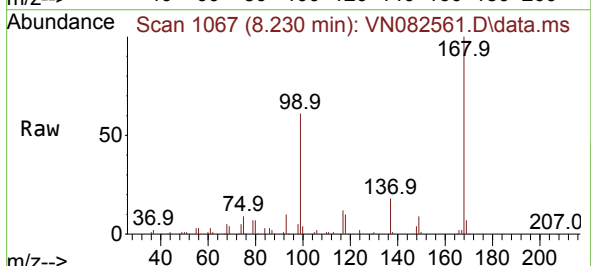
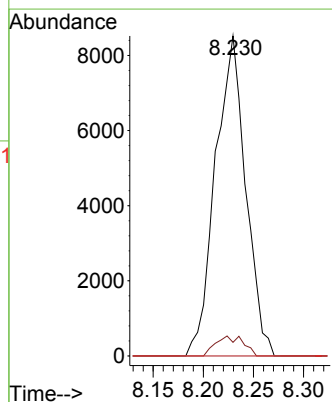
Tgt Ion: 117 Resp: 17935

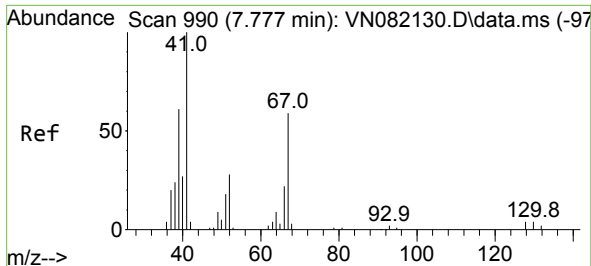
Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

121 0.0 23.9 35.9#

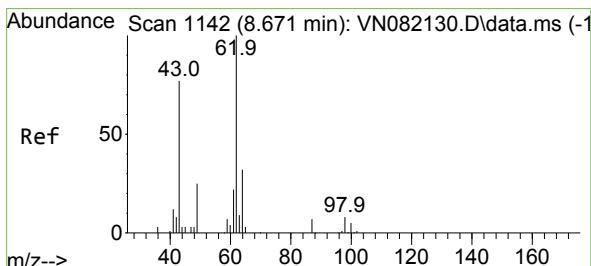
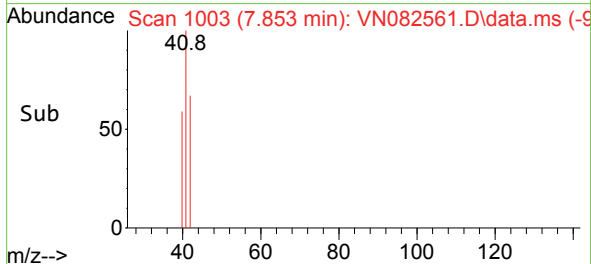
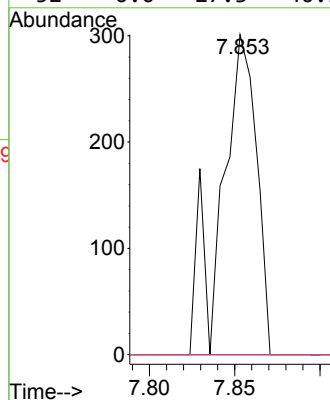
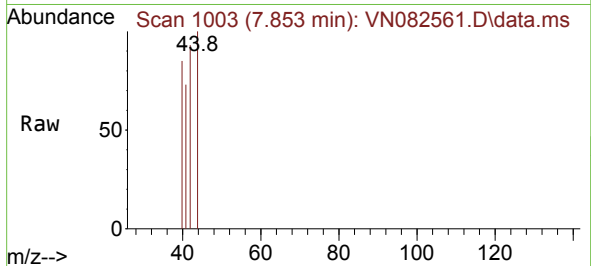




#41
Methacrylonitrile
Concen: 0.206 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.076 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

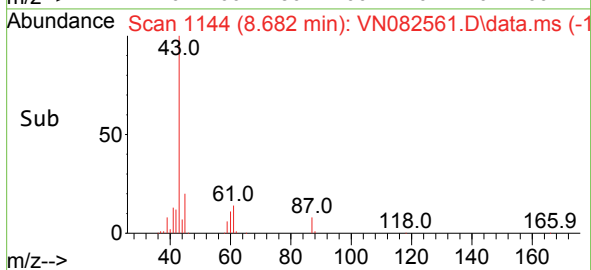
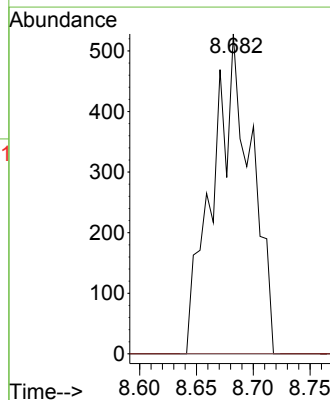
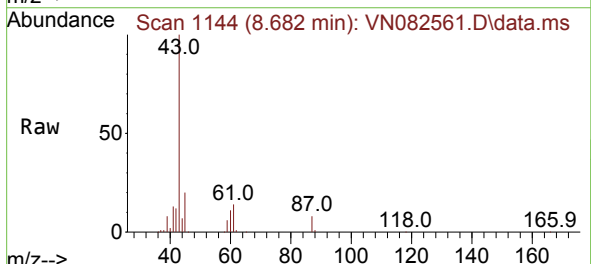
Instrument :
MSVOA_N
ClientSampleId :
9

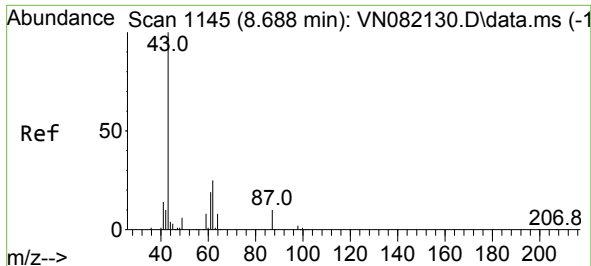
Tgt Ion: 41 Resp: 437
Ion Ratio Lower Upper
41 100
39 0.0 46.6 69.8#
67 0.0 67.3 100.9#
52 0.0 27.3 40.9#



#42
1,2-Dichloroethane
Concen: 0.337 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

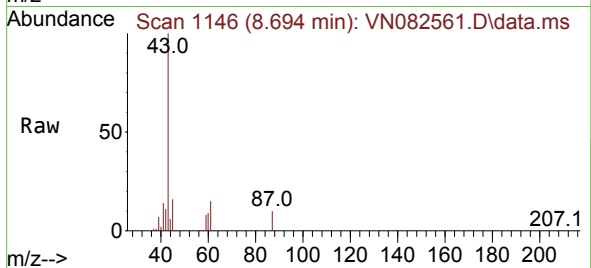
Tgt Ion: 62 Resp: 1245
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.6



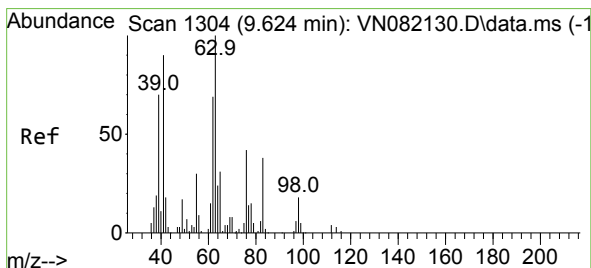
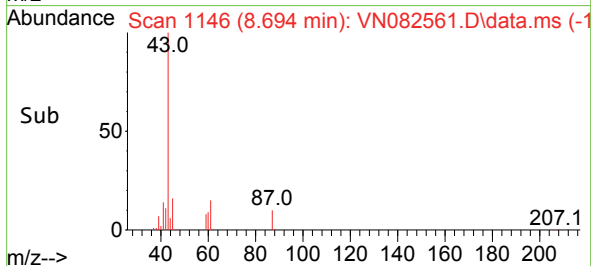
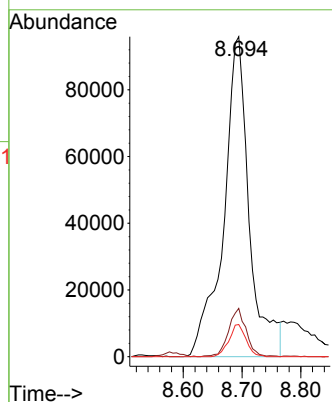


#43
Isopropyl Acetate
Concen: 45.539 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
9

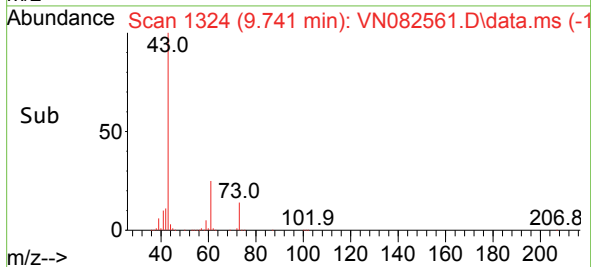
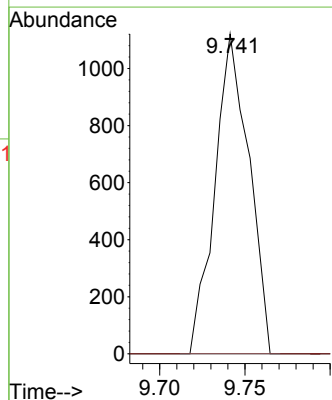
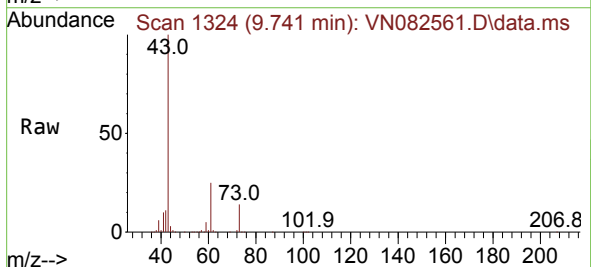


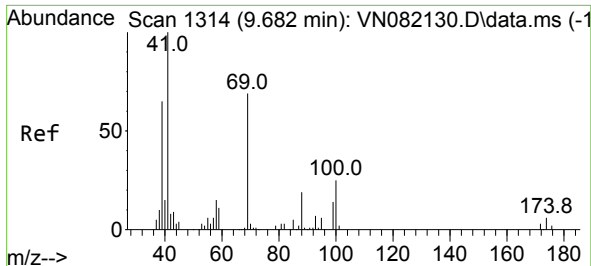
Tgt Ion: 43 Resp: 290466
Ion Ratio Lower Upper
43 100
61 10.5 22.8 34.2#
87 6.7 12.0 18.0#



#45
1,2-Dichloropropane
Concen: 0.632 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.118 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 63 Resp: 1563
Ion Ratio Lower Upper
63 100
65 0.0 24.1 36.1#

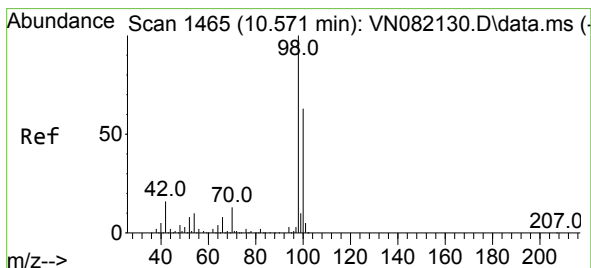
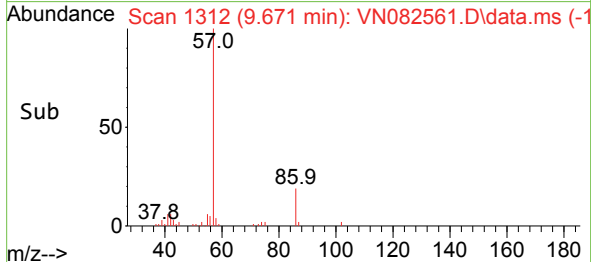
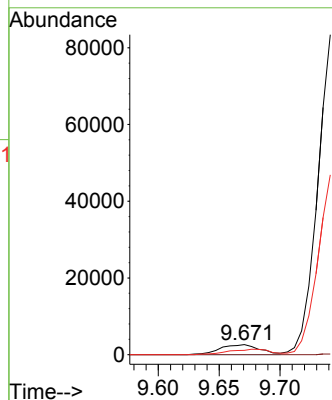
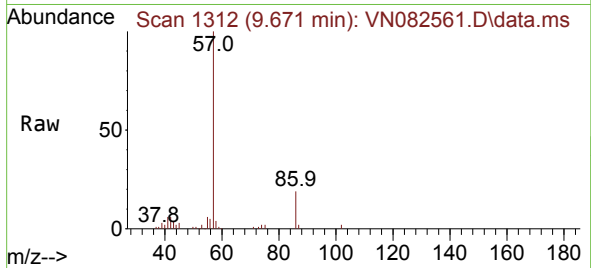




#48
Methyl methacrylate
Concen: 1.962 ug/l
RT: 9.671 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

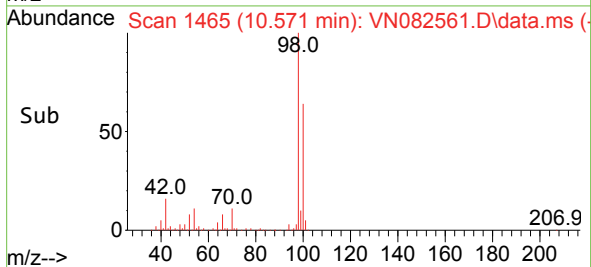
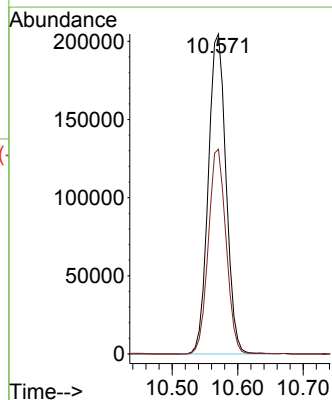
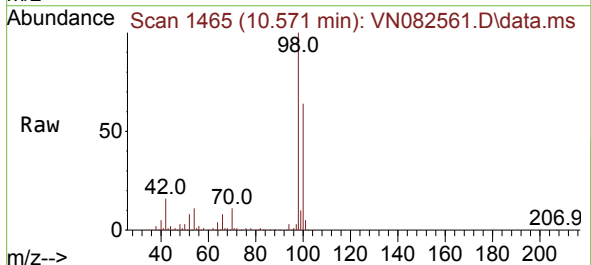
Instrument :
MSVOA_N
ClientSampleId :
9

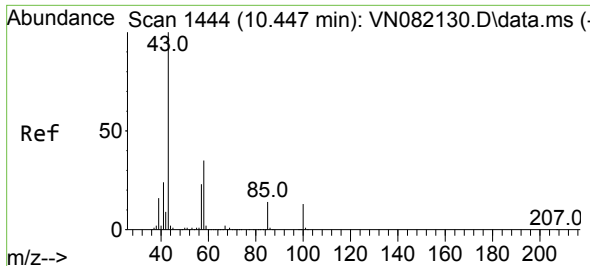
Tgt Ion: 41 Resp: 5962
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 56.4 50.9 76.3



#50
Toluene-d8
Concen: 52.409 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 98 Resp: 385360
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

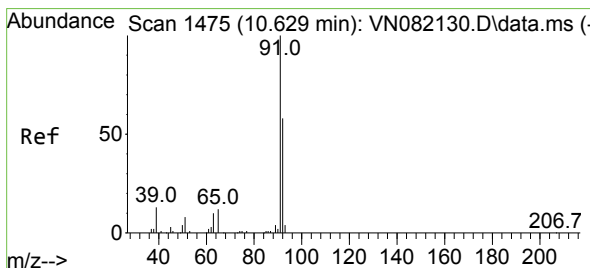
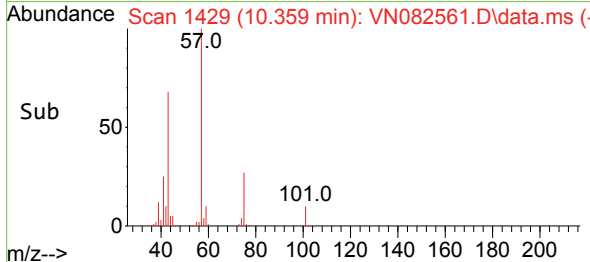
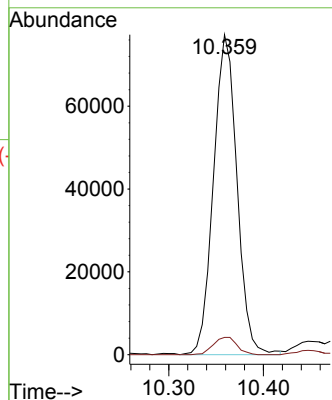
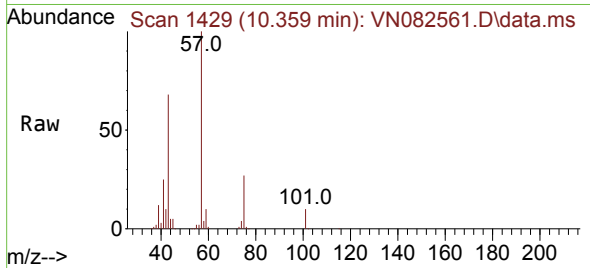




#51
4-Methyl-2-Pentanone
Concen: 36.826 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. -0.088 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

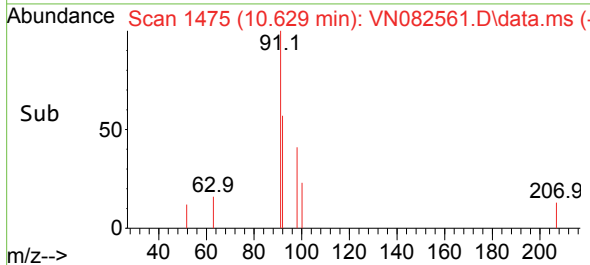
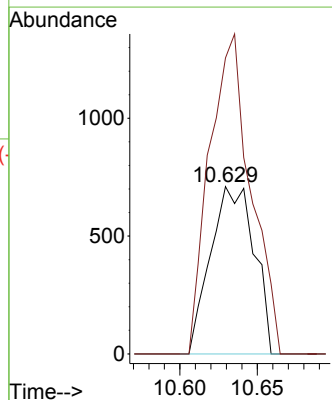
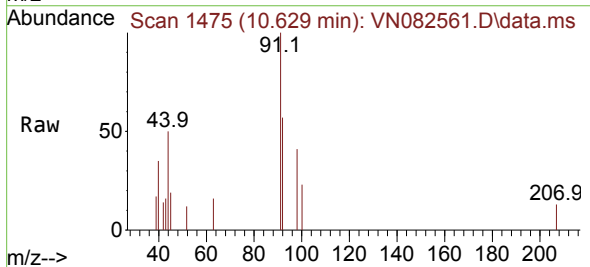
Instrument :
MSVOA_N
ClientSampleId :
9

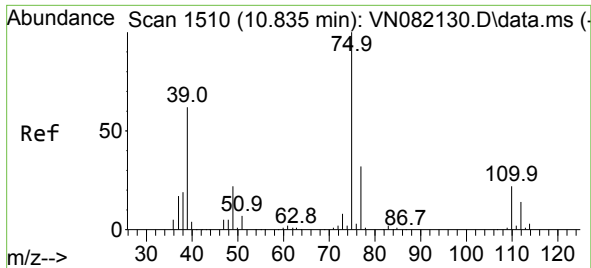
Tgt Ion: 43 Resp: 133459
Ion Ratio Lower Upper
43 100
58 5.5 33.2 49.8#



#52
Toluene
Concen: 0.242 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 92 Resp: 1393
Ion Ratio Lower Upper
92 100
91 180.7 136.7 205.1

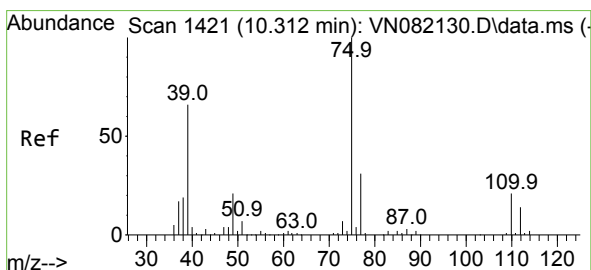
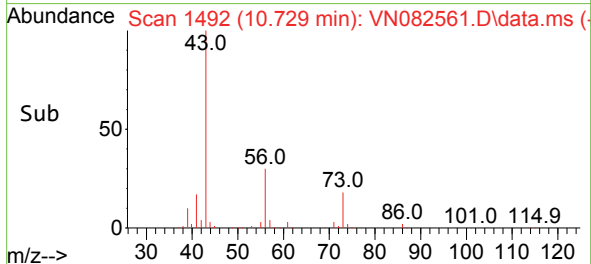
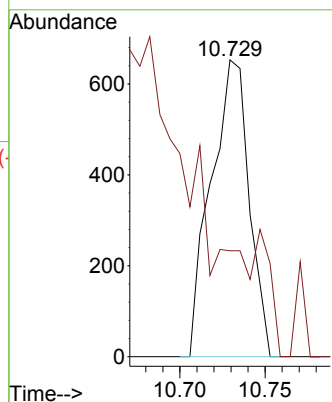
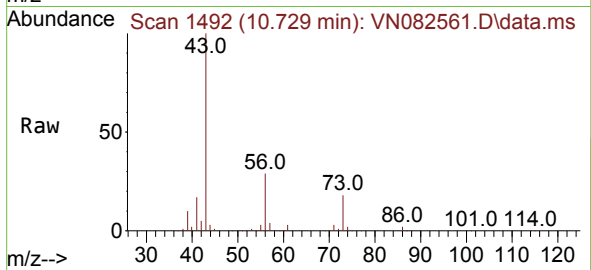




#53
 t-1,3-Dichloropropene
 Concen: 0.285 ug/l
 RT: 10.729 min Scan# 1492
 Delta R.T. -0.106 min
 Lab File: VN082561.D
 Acq: 13 Jun 2024 15:56

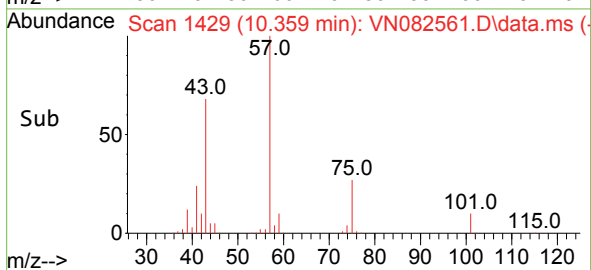
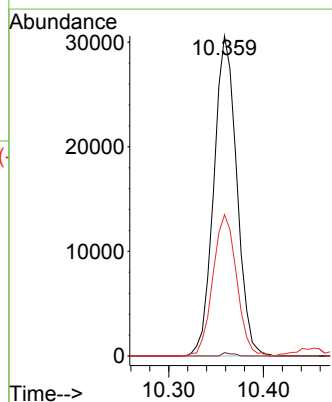
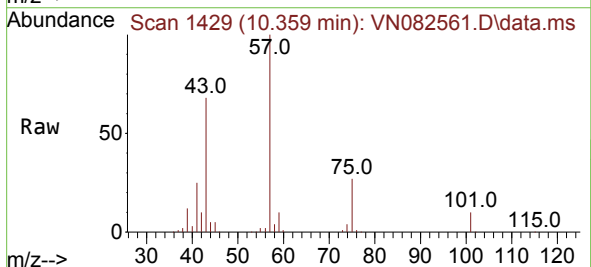
Instrument :
 MSVOA_N
 ClientSampleId :
 9

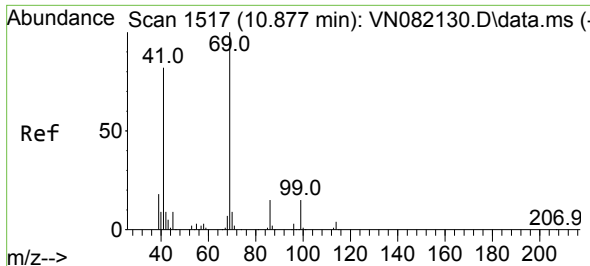
Tgt Ion: 75 Resp: 1012
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 13.732 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN082561.D
 Acq: 13 Jun 2024 15:56

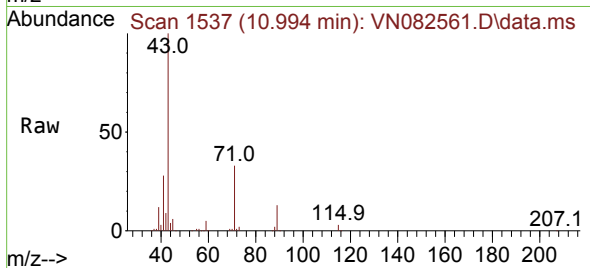
Tgt Ion: 75 Resp: 51565
 Ion Ratio Lower Upper
 75 100
 77 1.1 25.0 37.4#
 39 44.2 34.8 52.2



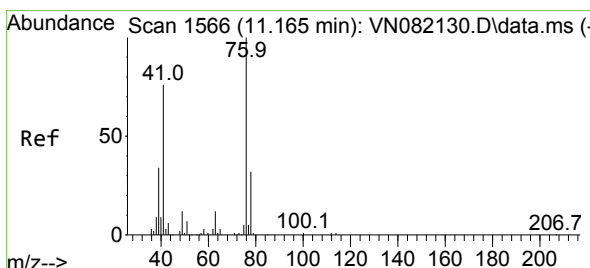
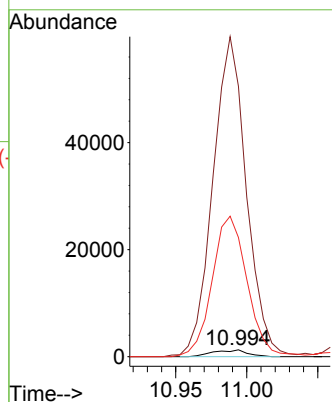
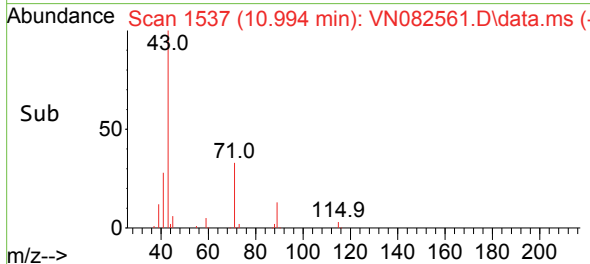


#56
Ethyl methacrylate
Concen: 0.600 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.118 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
9

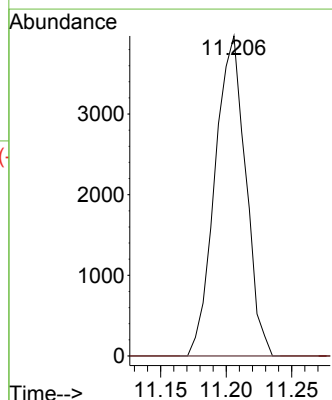
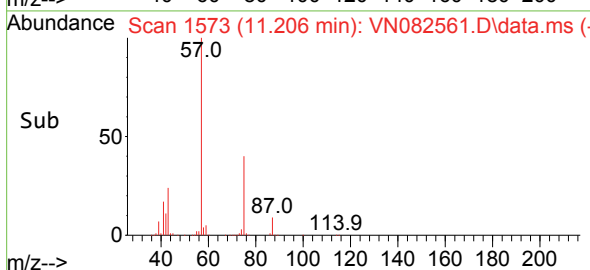
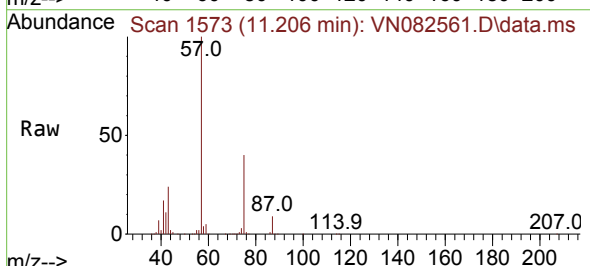


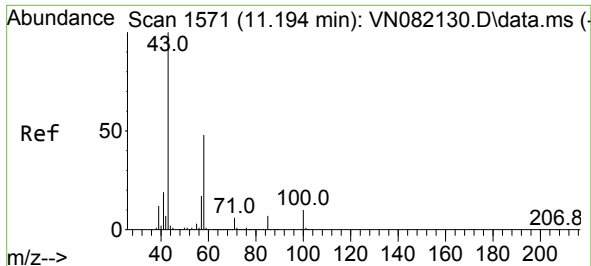
Tgt Ion: 69 Resp: 2132
Ion Ratio Lower Upper
69 100
41 4607.3 46.6 70.0#
39 2113.3 26.5 39.7#



#57
1,3-Dichloropropane
Concen: 1.650 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 76 Resp: 6455
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

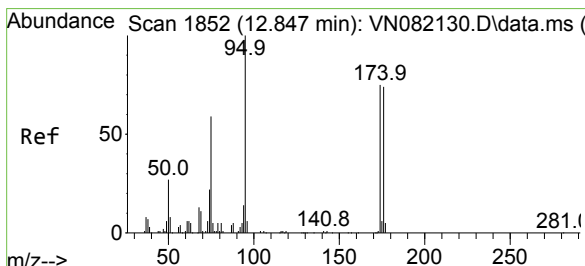
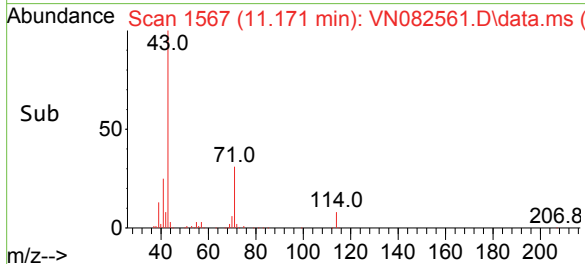
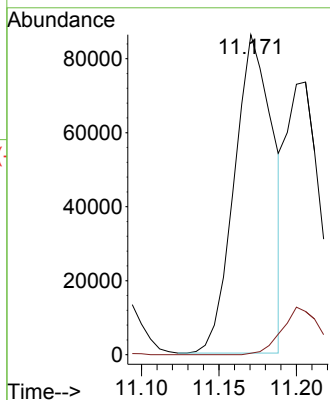
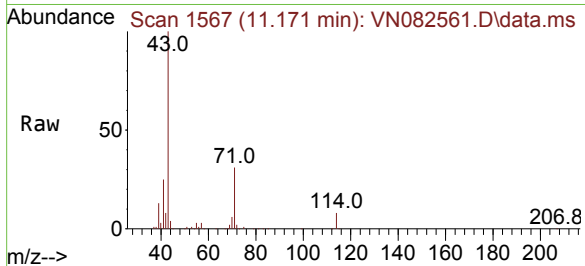




#59
2-Hexanone
Concen: 56.267 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.024 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

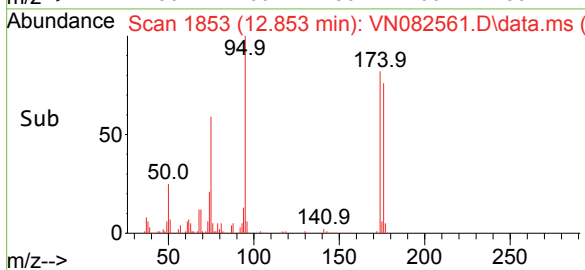
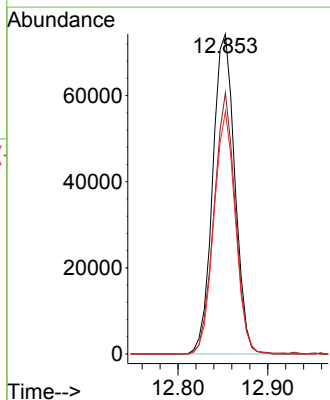
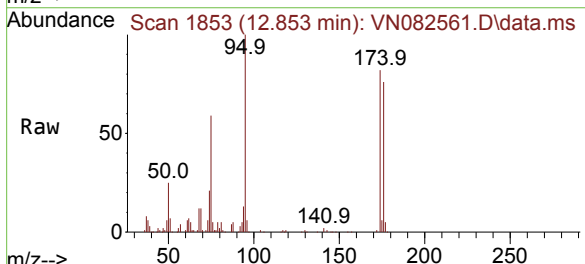
Instrument :
MSVOA_N
ClientSampleId :
9

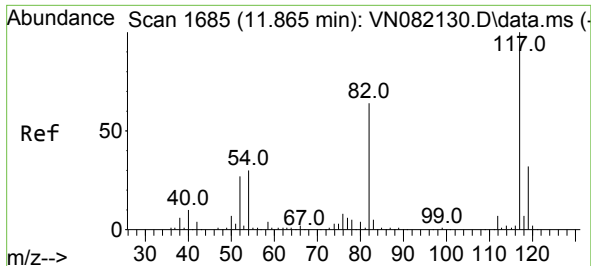
Tgt Ion: 43 Resp: 149306
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 48.424 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 95 Resp: 127085
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.6
176 73.7 0.0 152.8

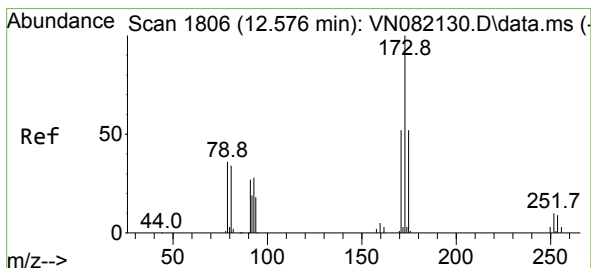
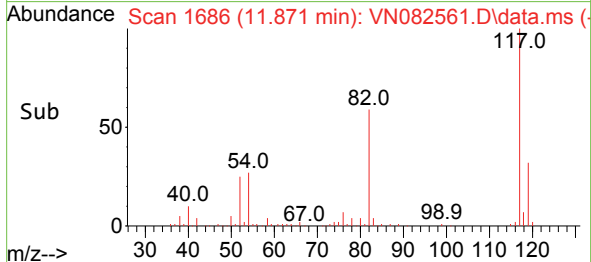
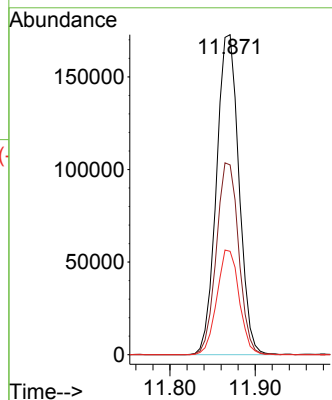
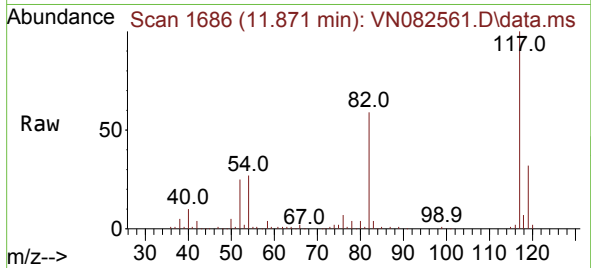




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

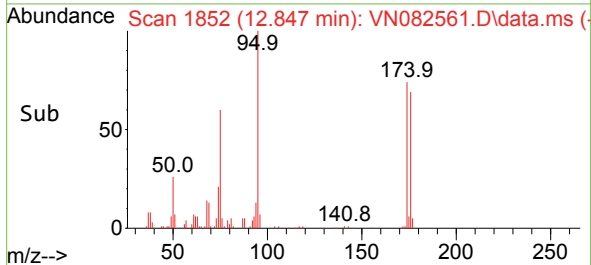
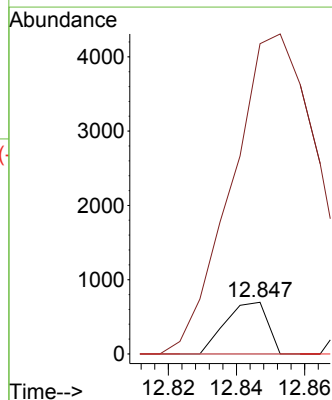
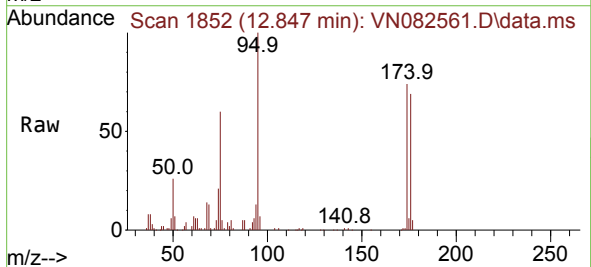
Instrument :
MSVOA_N
ClientSampleId :
9

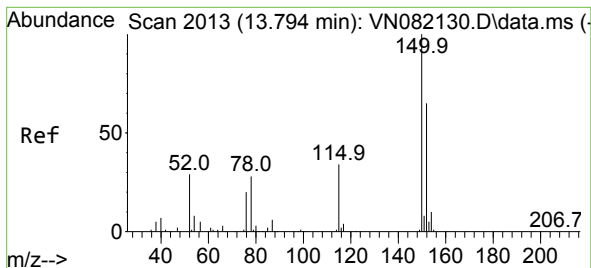
Tgt Ion:117 Resp: 316623
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 32.3 25.9 38.9



#71
Bromoform
Concen: 1.023 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion:173 Resp: 599
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
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: VN082561.D

Acq: 13 Jun 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

9

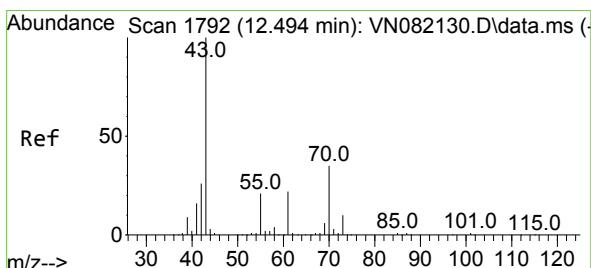
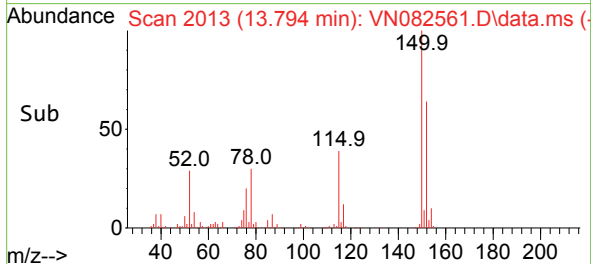
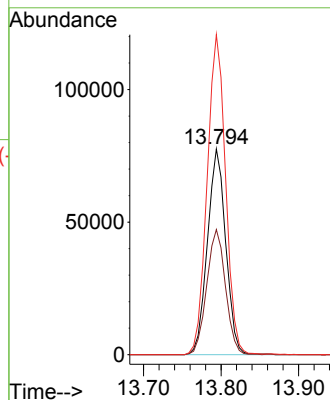
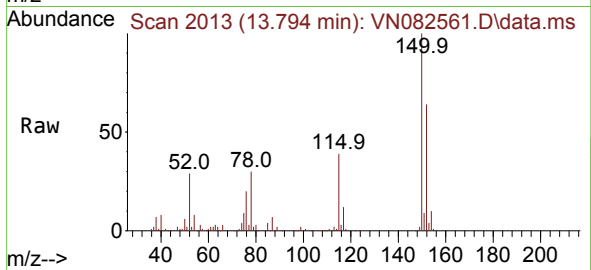
Tgt Ion:152 Resp: 127391

Ion Ratio Lower Upper

152 100

115 62.3 30.4 91.3

150 156.7 0.0 353.2



#74

N-ethyl acetate

Concen: 0.771 ug/l

RT: 12.453 min Scan# 1785

Delta R.T. -0.041 min

Lab File: VN082561.D

Acq: 13 Jun 2024 15:56

Tgt Ion: 43 Resp: 4292

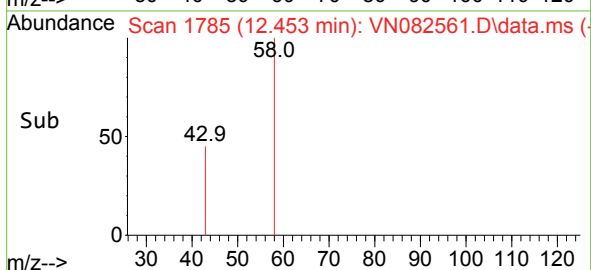
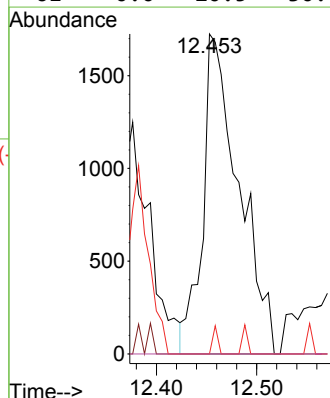
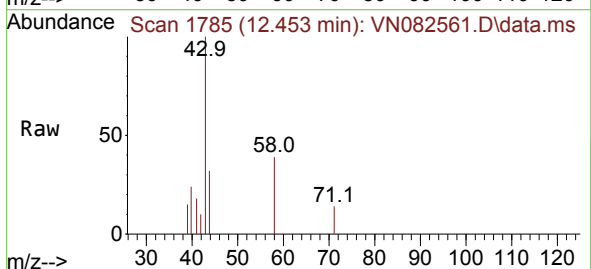
Ion Ratio Lower Upper

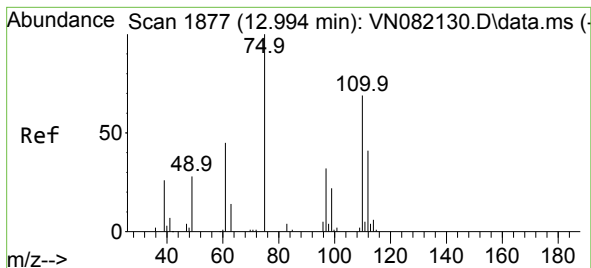
43 100

70 0.0 39.0 58.4#

55 0.0 21.3 31.9#

61 0.0 20.5 30.7#

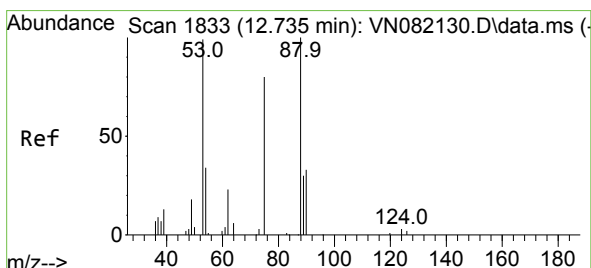
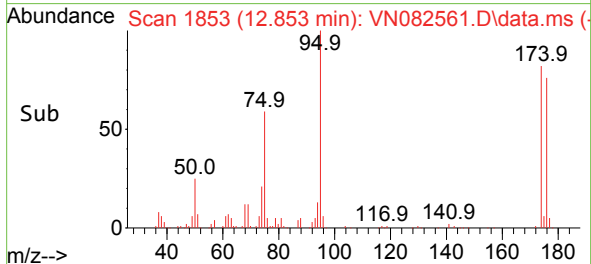
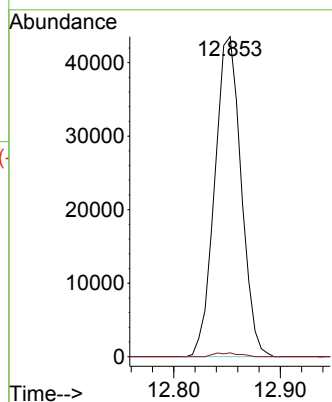
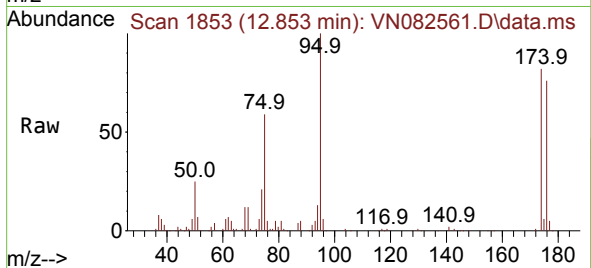




#76
1,2,3-Trichloropropane
Concen: 27.966 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
9

Tgt Ion: 75 Resp: 74985
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.412 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082561.D
Acq: 13 Jun 2024 15:56

Tgt Ion: 75 Resp: 74985
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

