

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082371.D
 Acq On : 29 May 2024 15:28
 Operator : JC\MD
 Sample : P2609-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 30 05:44:33 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)

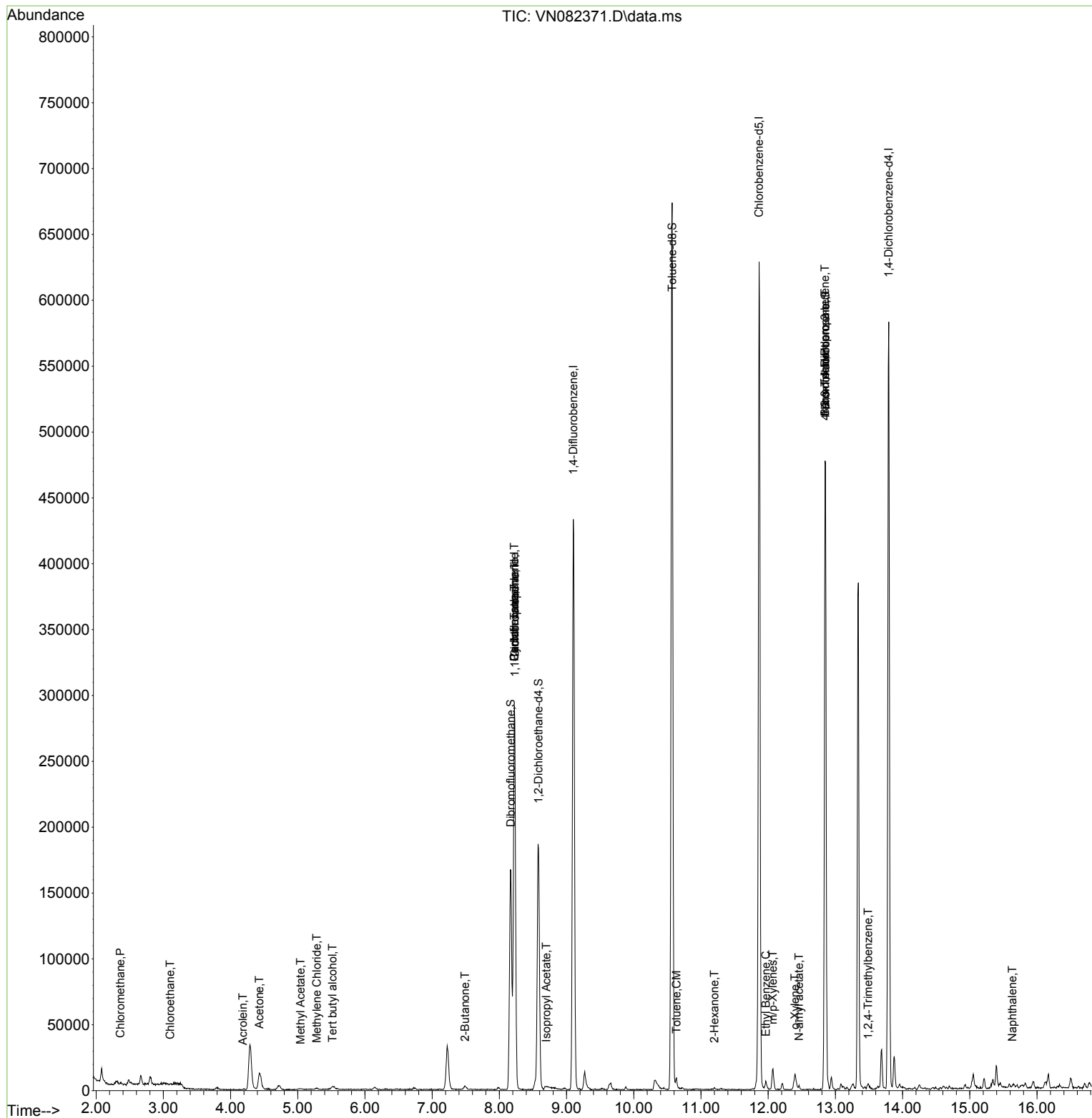
Internal Standards						
1) Pentafluorobenzene	8.224	168	202694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	156504	48.898	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.800%		
35) Dibromofluoromethane	8.171	113	113462	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.600%		
50) Toluene-d8	10.571	98	443657	53.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.700%		
62) 4-Bromofluorobenzene	12.853	95	155890	53.008	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	923	0.279	ug/l	92
6) Chloroethane	3.100	64	412	0.203	ug/l #	44
11) Tert butyl alcohol	5.518	59	4082	7.945	ug/l #	71
13) Acrolein	4.183	56	142	0.373	ug/l #	71
16) Acetone	4.430	43	24802	18.890	ug/l	92
18) Methyl Acetate	5.041	43	1450	0.443	ug/l #	47
20) Methylene Chloride	5.283	84	696	0.263	ug/l #	48
25) 2-Butanone	7.488	43	5014	2.519	ug/l #	82
31) Cyclohexane	8.224	56	5747	1.124	ug/l #	35
36) 1,1-Dichloropropene	8.229	75	18694	5.186	ug/l #	48
38) Carbon Tetrachloride	8.224	117	22371	6.123	ug/l #	16
43) Isopropyl Acetate	8.700	43	1950	0.273	ug/l #	52
52) Toluene	10.635	92	2910	0.451	ug/l	94
59) 2-Hexanone	11.200	43	640	0.215	ug/l	66
67) Ethyl Benzene	11.965	91	3443	0.267	ug/l	90
68) m/p-Xylenes	12.070	106	4752	1.005	ug/l	90
69) o-Xylene	12.400	106	2843	0.620	ug/l	98
71) Bromoform	12.847	173	835	1.137	ug/l #	28
74) N-amyl acetate	12.459	43	2098	0.325	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	91950	29.560	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	91950	69.140	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.488	105	2075	0.214	ug/l	95
95) Naphthalene	15.635	128	3274	0.388	ug/l #	81

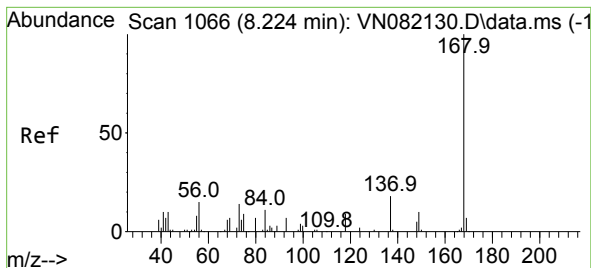
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
Data File : VN082371.D
Acq On : 29 May 2024 15:28
Operator : JC\MD
Sample : P2609-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 30 05:44:33 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: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

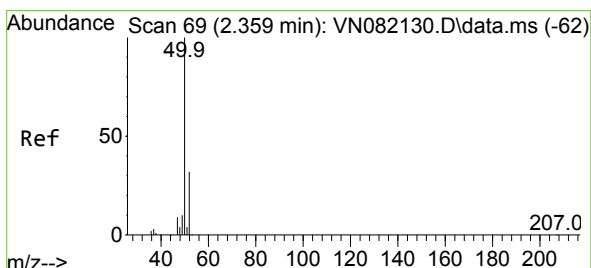
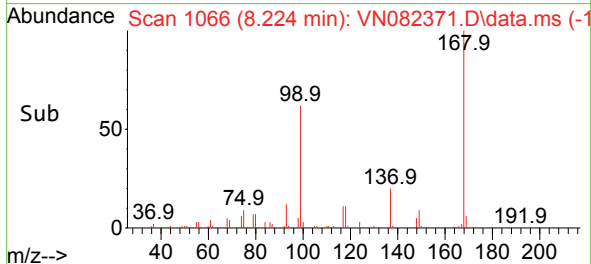
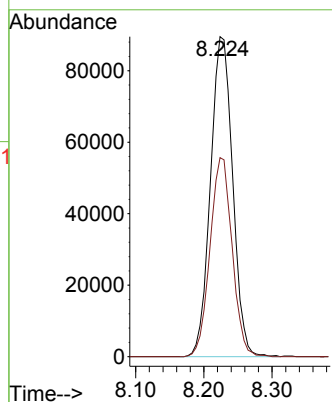
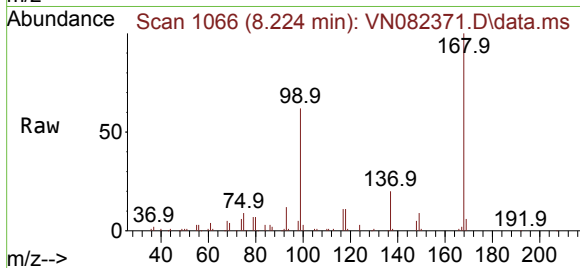
ClientSampleId :

Tgt Ion:168 Resp: 202694

Ion Ratio Lower Upper

168 100

99 62.2 48.2 72.4



#3

Chloromethane

Concen: 0.279 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082371.D

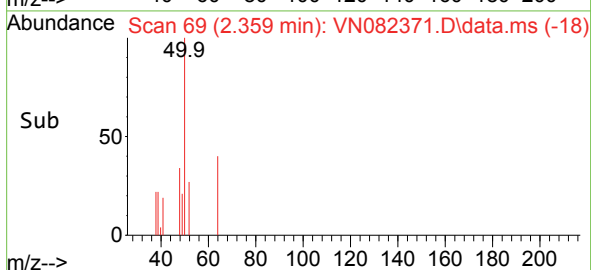
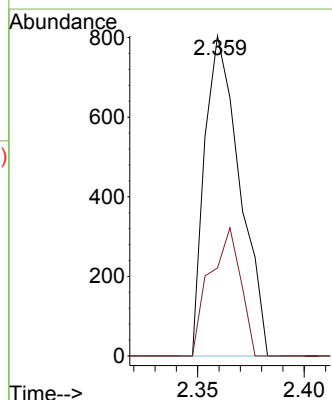
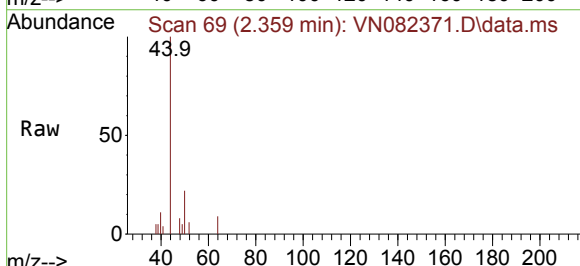
Acq: 29 May 2024 15:28

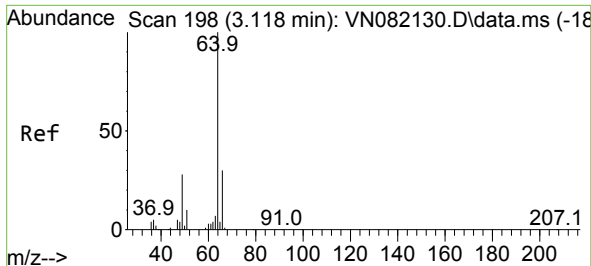
Tgt Ion: 50 Resp: 923

Ion Ratio Lower Upper

50 100

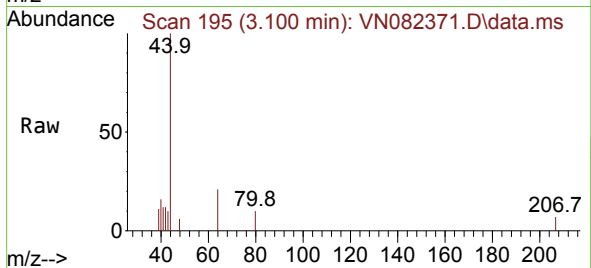
52 27.5 25.5 38.3



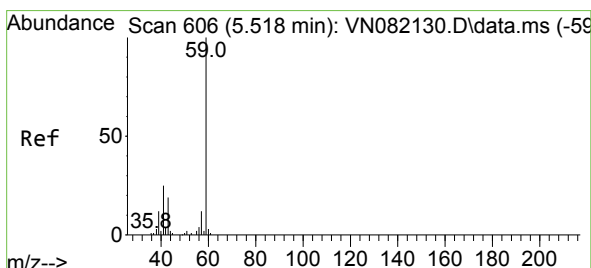
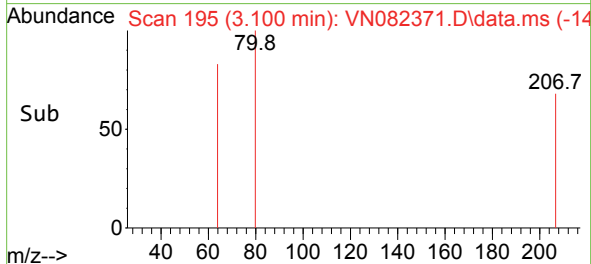
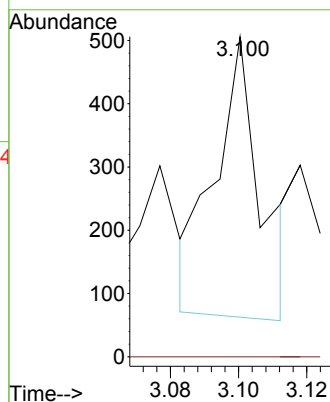


#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.100 min Scan# 198
Delta R.T. -0.018 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

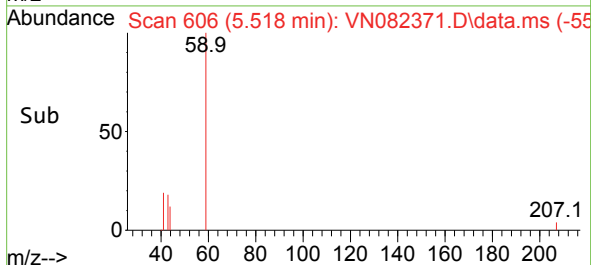
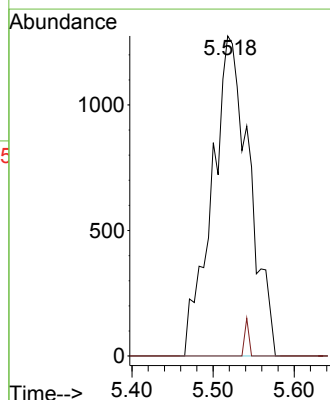
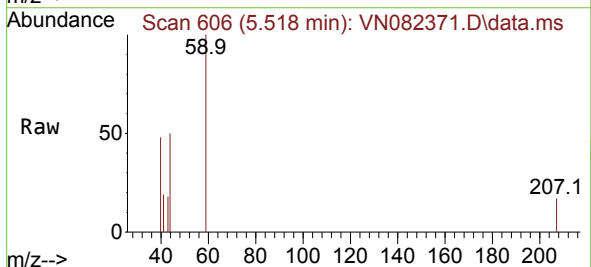


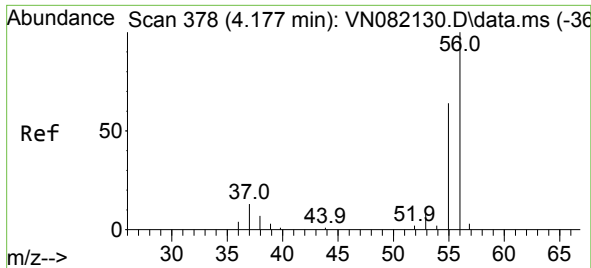
Tgt Ion: 64 Resp: 412
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 7.945 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

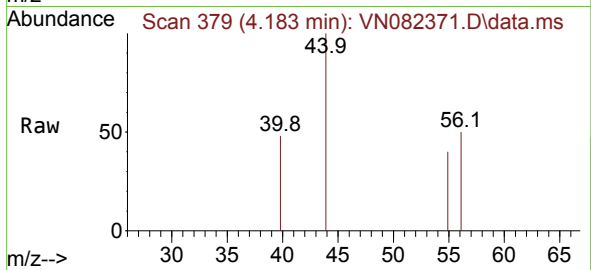
Tgt Ion: 59 Resp: 4082
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



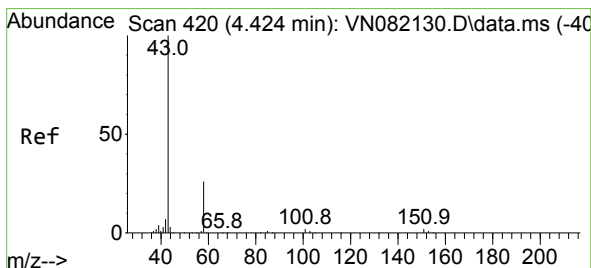
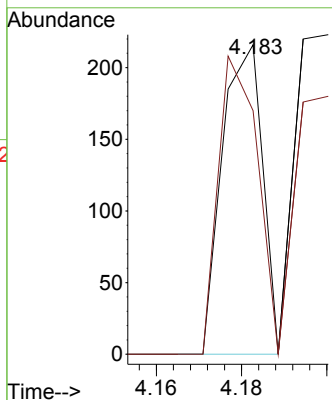


#13
Acrolein
Concen: 0.373 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

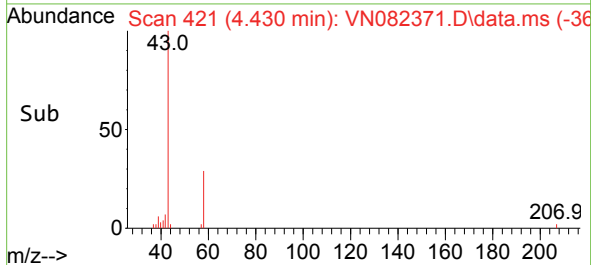
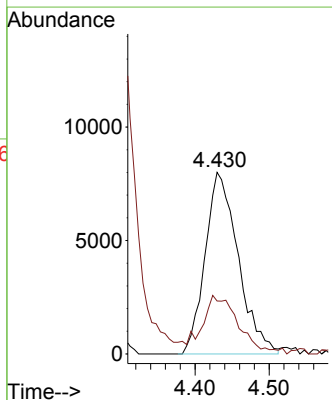
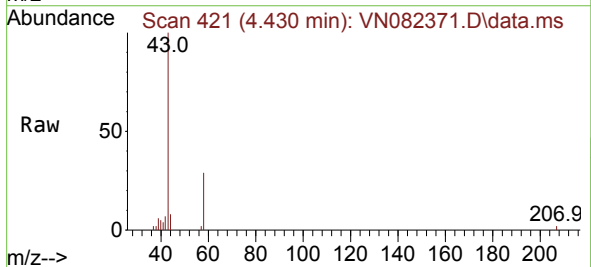


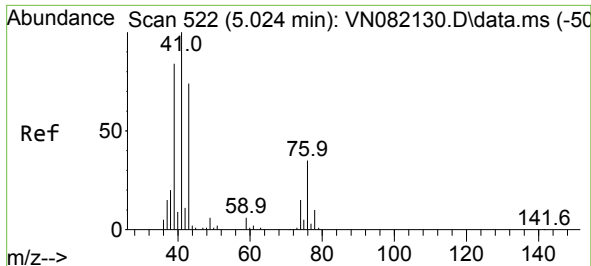
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 93.7 55.8 83.8#



#16
Acetone
Concen: 18.890 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

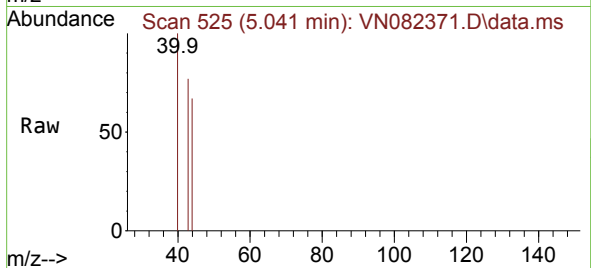
Tgt Ion: 43 Resp: 24802
Ion Ratio Lower Upper
43 100
58 27.1 25.2 37.8



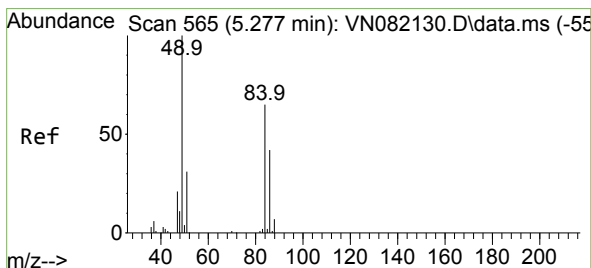
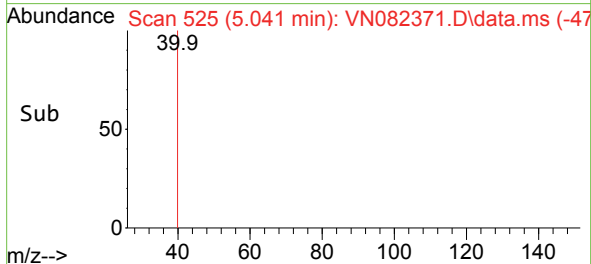
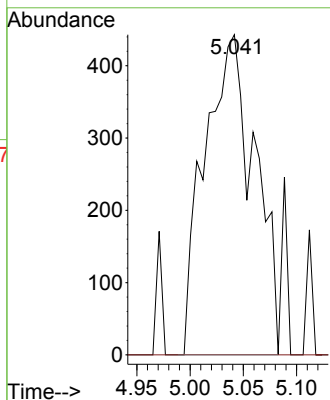


#18
Methyl Acetate
Concen: 0.443 ug/l
RT: 5.041 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

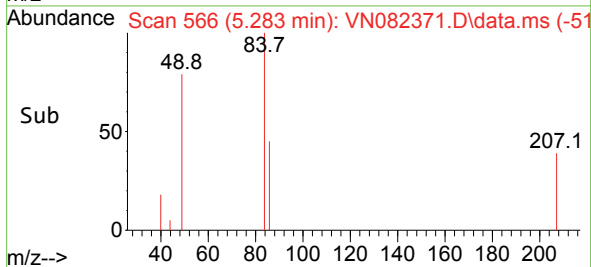
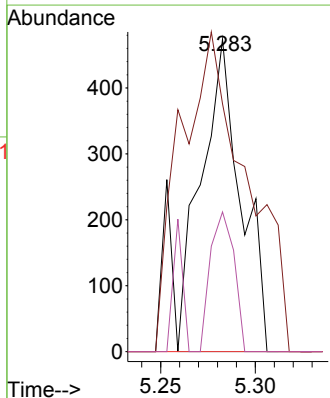
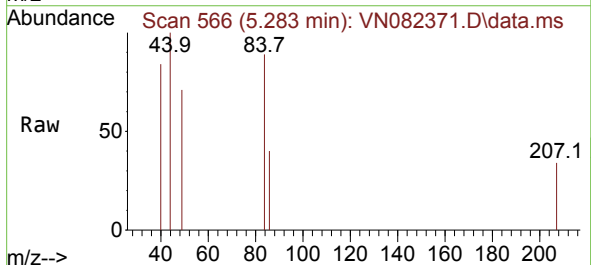


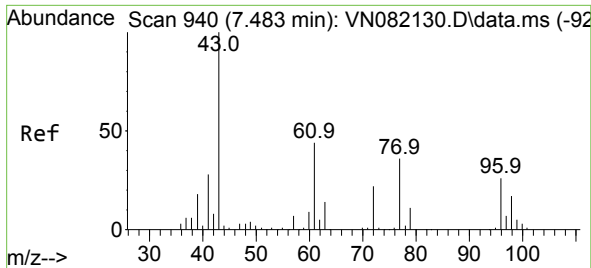
Tgt Ion: 43 Resp: 1450
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 84 Resp: 696
Ion Ratio Lower Upper
84 100
49 38.8 84.9 127.3#
51 0.0 27.0 40.6#
86 44.7 52.3 78.5#

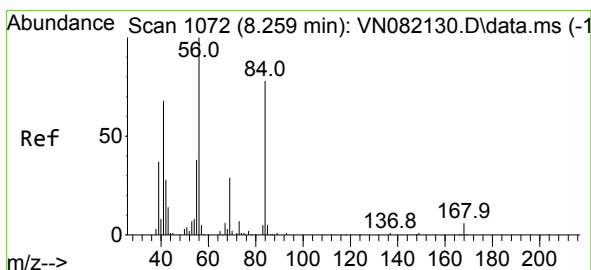
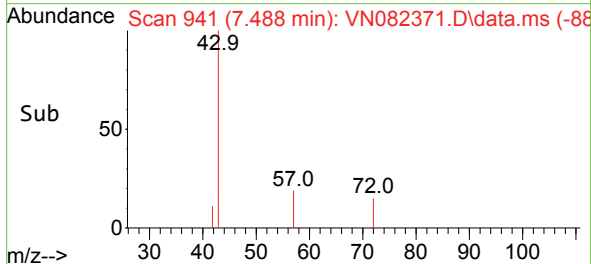
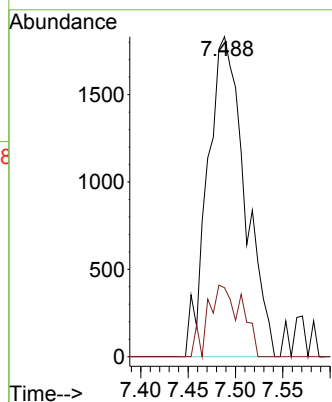
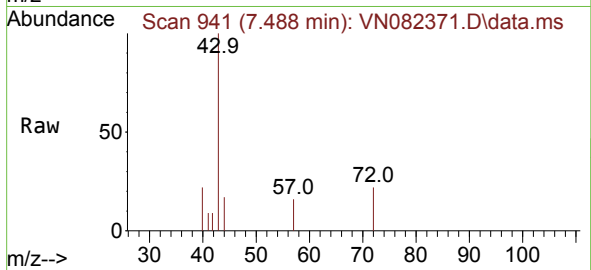




#25
2-Butanone
Concen: 2.519 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

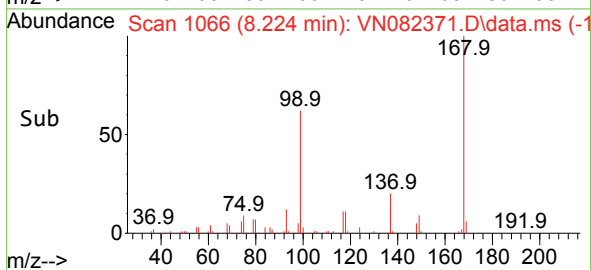
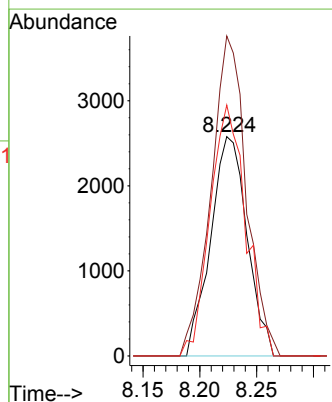
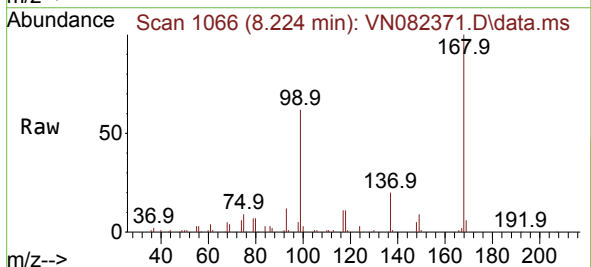
Instrument :
MSVOA_N
ClientSampleId :

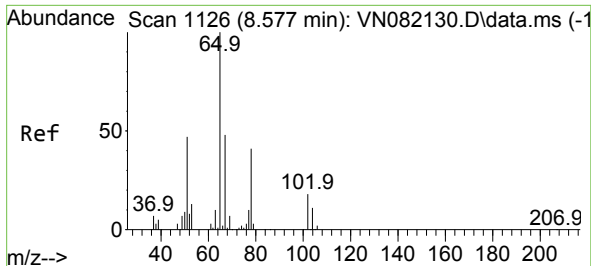
Tgt Ion: 43 Resp: 5014
Ion Ratio Lower Upper
43 100
72 21.6 25.3 37.9#



#31
Cyclohexane
Concen: 1.124 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 56 Resp: 5747
Ion Ratio Lower Upper
56 100
69 145.9 24.4 36.6#
84 114.4 77.0 115.4





#33

1,2-Dichloroethane-d4

Concen: 48.898 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

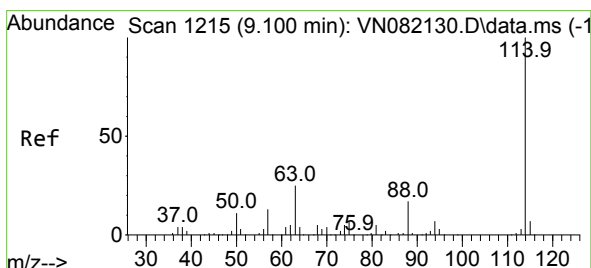
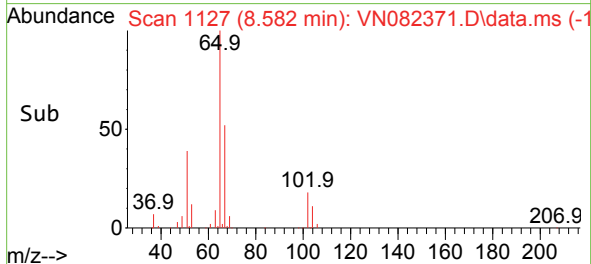
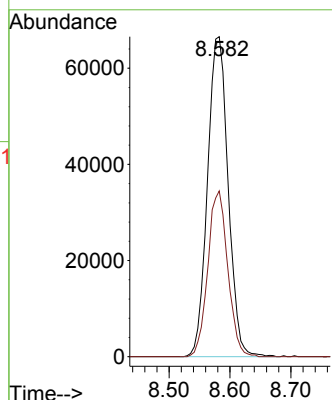
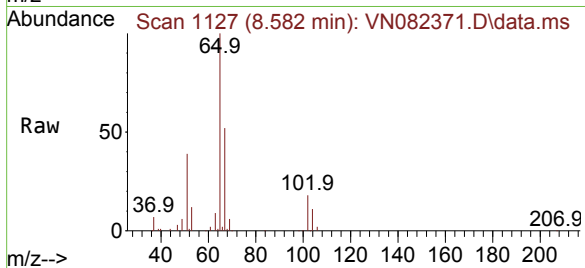
ClientSampleId :

Tgt Ion: 65 Resp: 156504

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

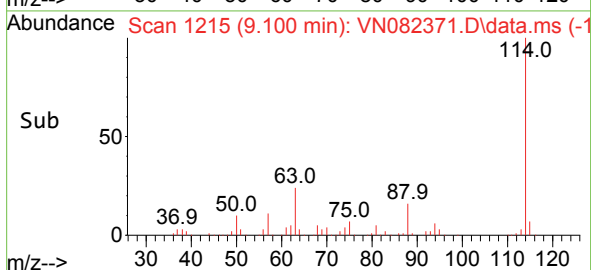
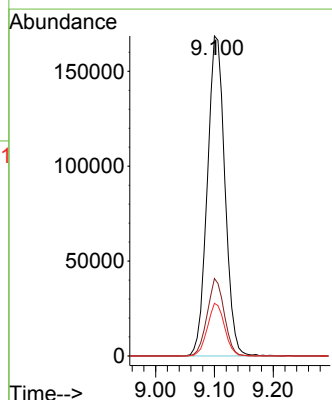
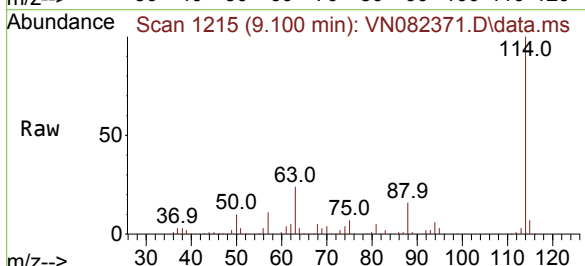
Tgt Ion: 114 Resp: 349358

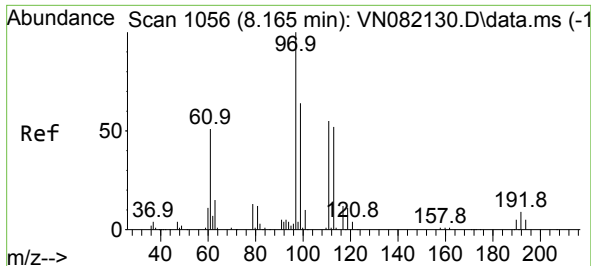
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

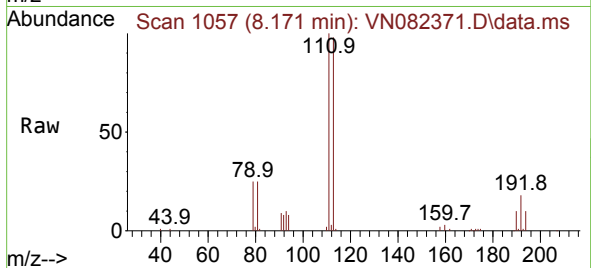
88 16.5 0.0 31.4



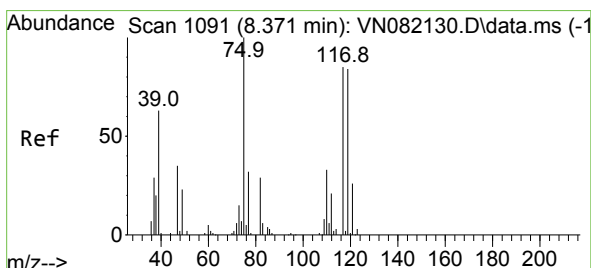
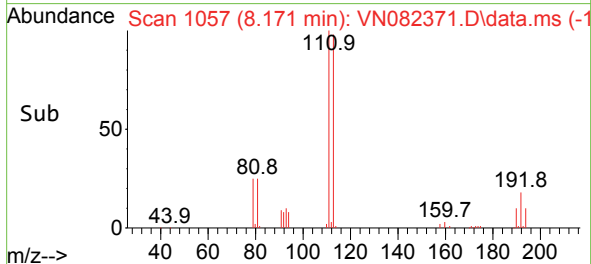
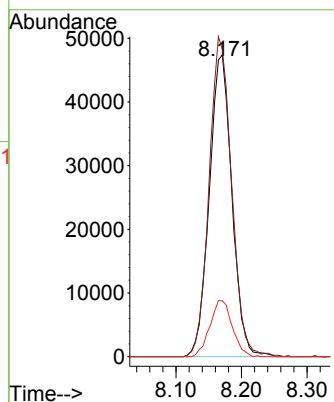


#35
 Dibromofluoromethane
 Concen: 52.795 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082371.D
 Acq: 29 May 2024 15:28

Instrument :
 MSVOA_N
 ClientSampleId :

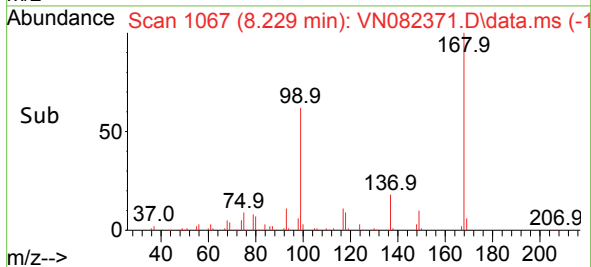
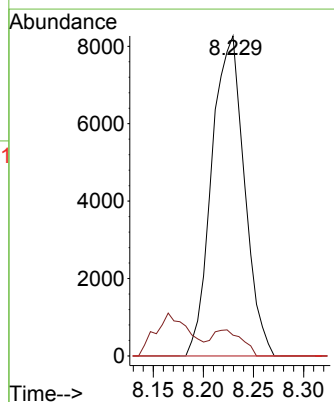
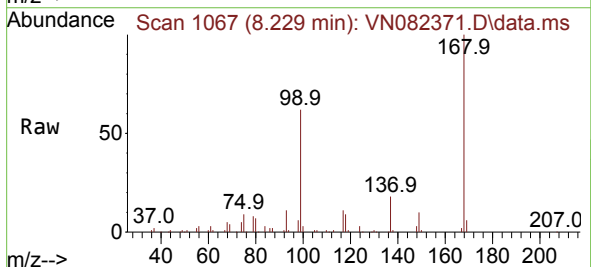


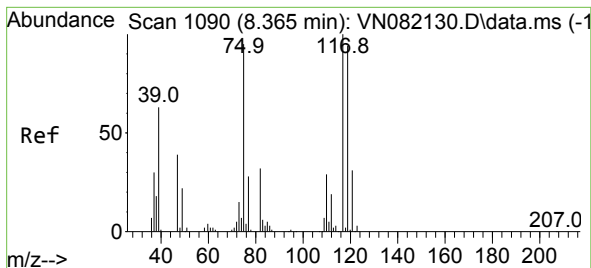
Tgt Ion: 113 Resp: 113462
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.4 125.2
 192 18.5 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.186 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN082371.D
 Acq: 29 May 2024 15:28

Tgt Ion: 75 Resp: 18694
 Ion Ratio Lower Upper
 75 100
 110 7.6 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.123 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

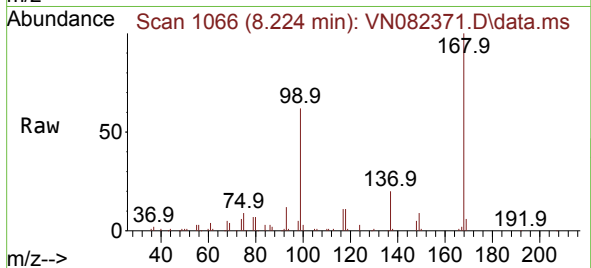
Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :



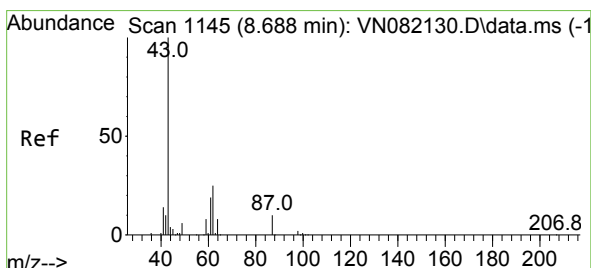
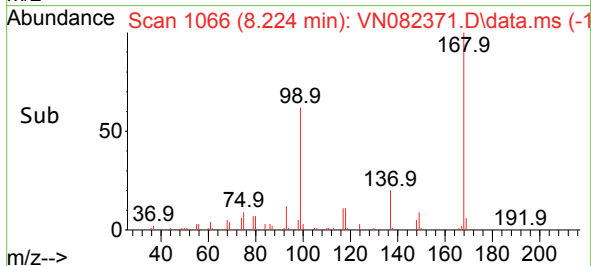
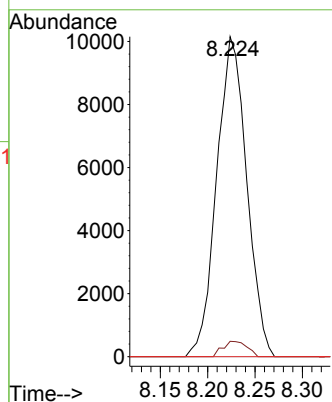
Tgt Ion:117 Resp: 22371

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.273 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.012 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

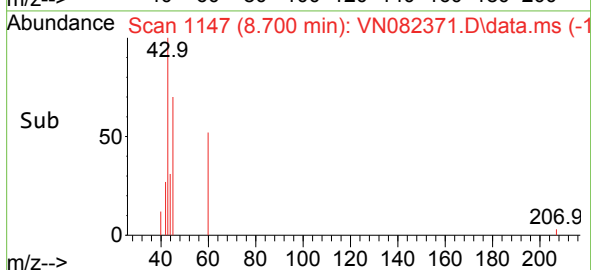
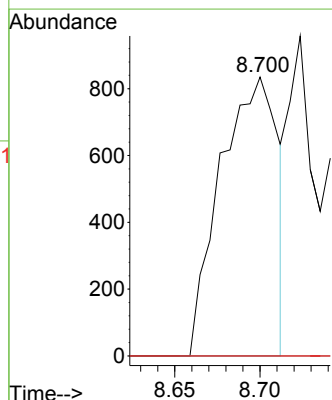
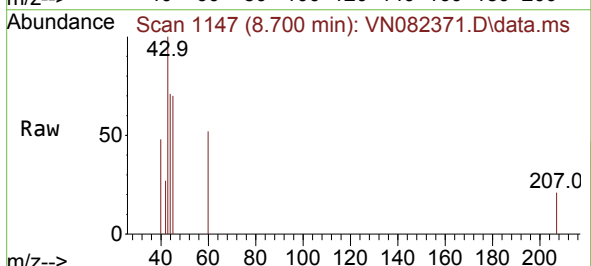
Tgt Ion: 43 Resp: 1950

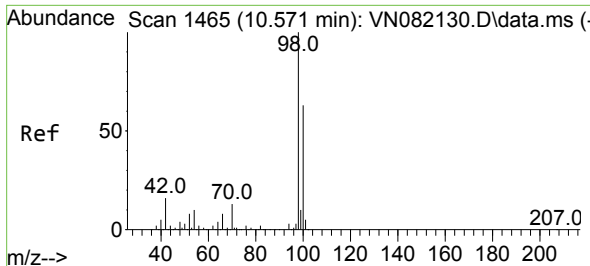
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

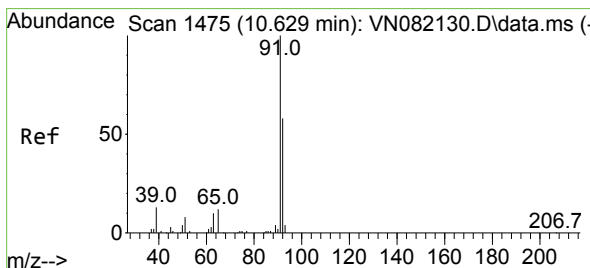
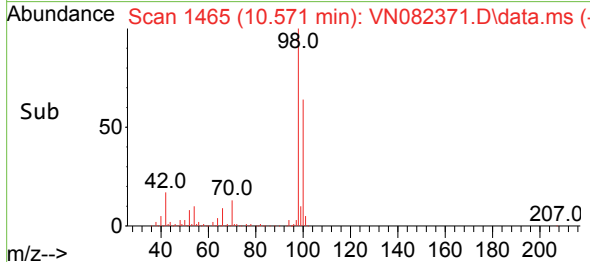
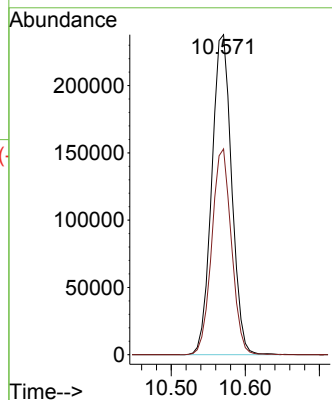
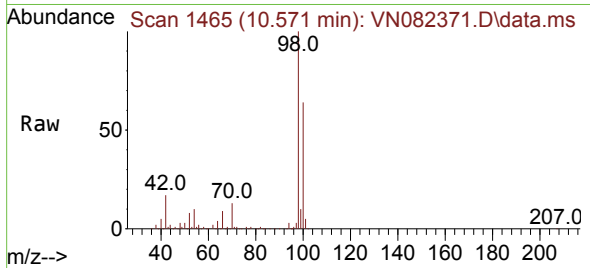




#50
Toluene-d8
Concen: 53.846 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

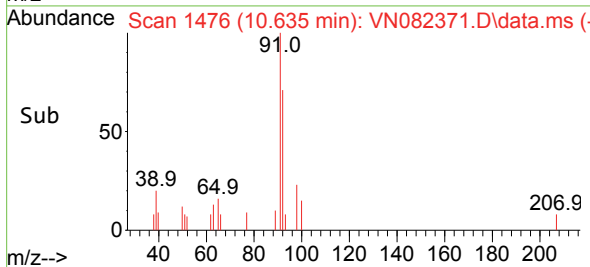
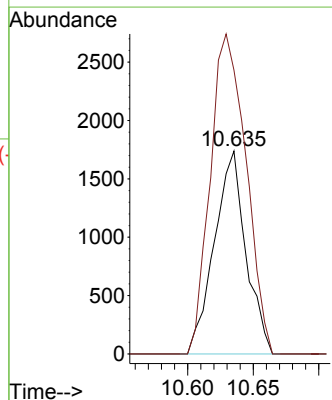
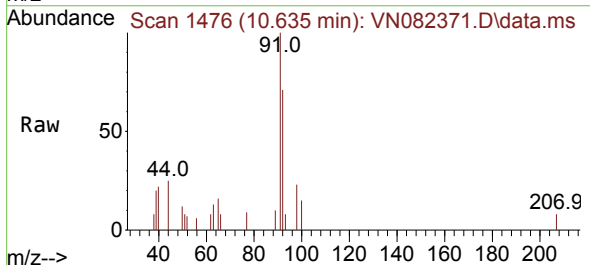
Instrument :
MSVOA_N
ClientSampleId :

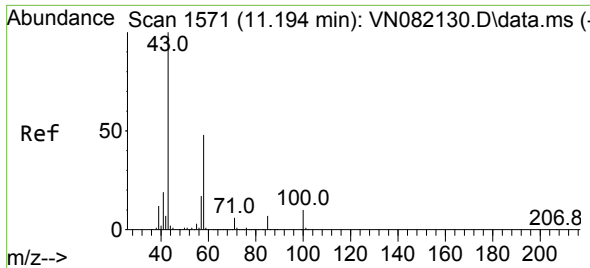
Tgt Ion: 98 Resp: 443657
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#52
Toluene
Concen: 0.451 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

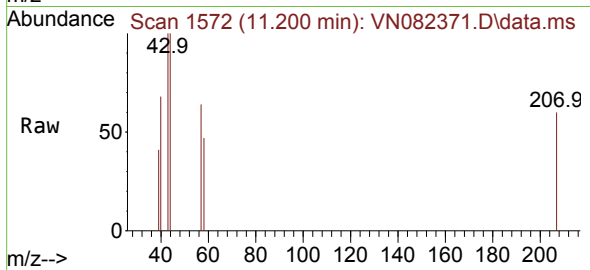
Tgt Ion: 92 Resp: 2910
Ion Ratio Lower Upper
92 100
91 178.9 136.7 205.1



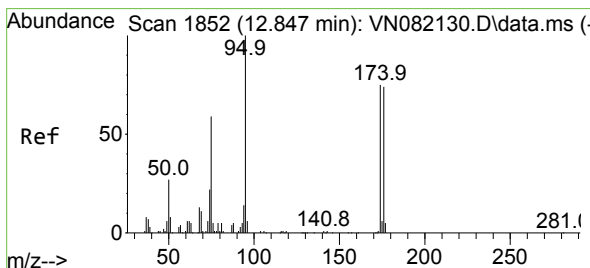
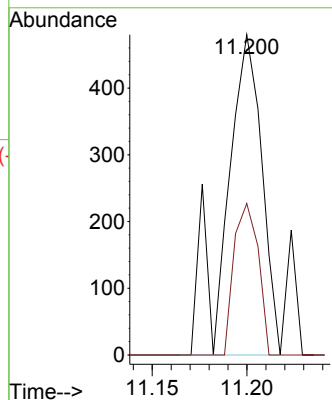
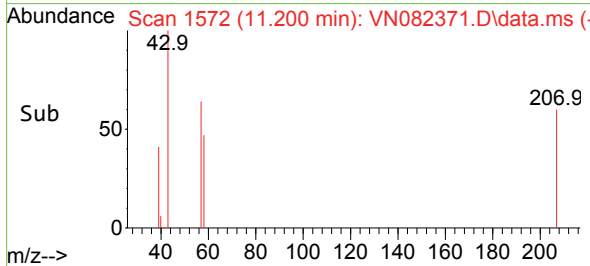


#59
2-Hexanone
Concen: 0.215 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

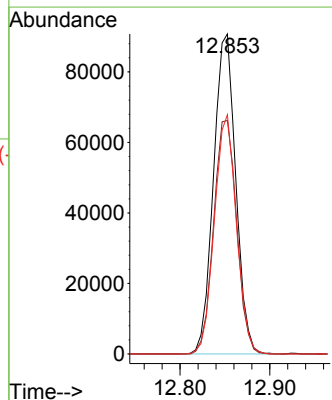
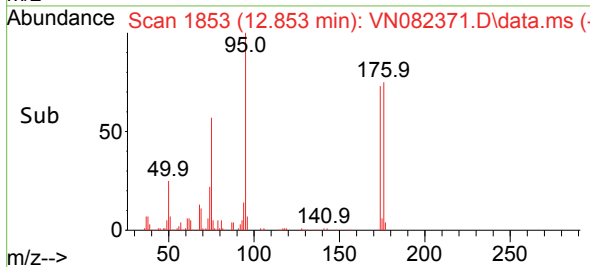
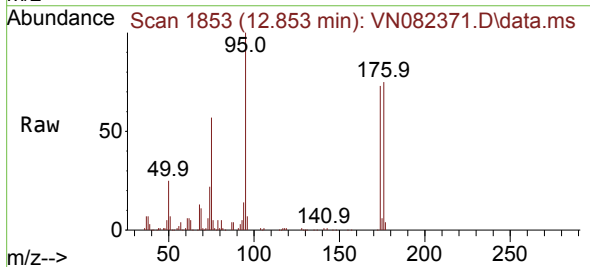


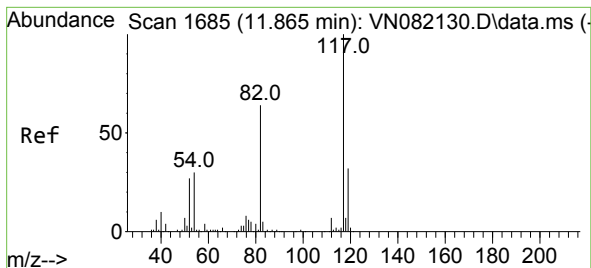
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 31.6 28.3 84.9



#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion: 95 Resp: 155890
Ion Ratio Lower Upper
95 100
174 75.6 0.0 160.6
176 74.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082371.D

Acq: 29 May 2024 15:28

Instrument :

MSVOA_N

ClientSampleId :

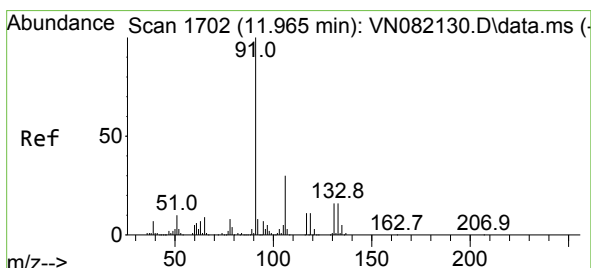
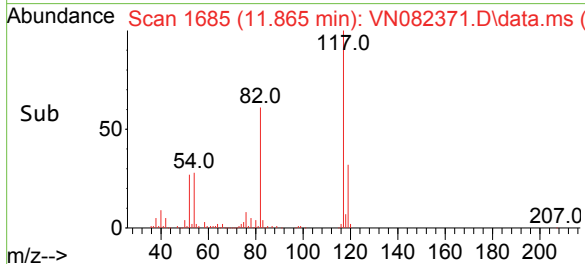
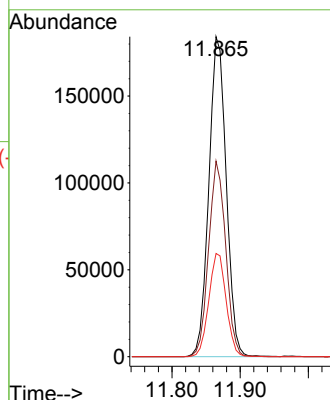
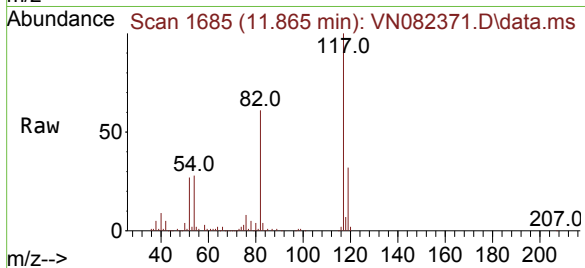
Tgt Ion:117 Resp: 326612

Ion Ratio Lower Upper

117 100

82 61.1 44.6 66.8

119 32.2 25.9 38.9



#67

Ethyl Benzene

Concen: 0.267 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082371.D

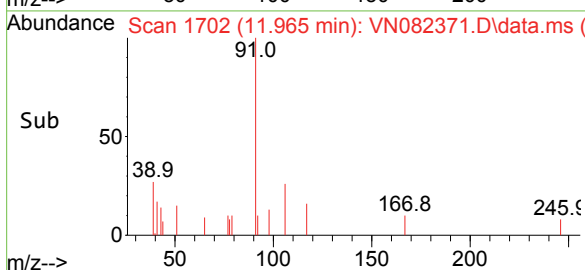
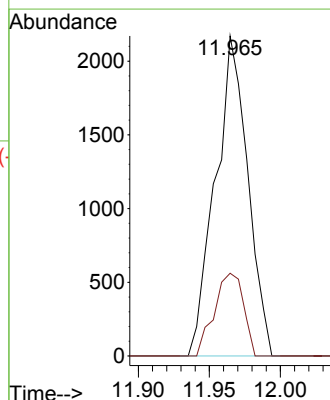
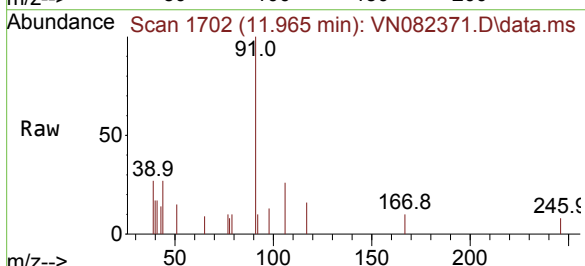
Acq: 29 May 2024 15:28

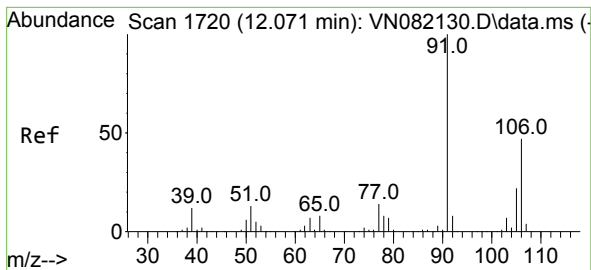
Tgt Ion: 91 Resp: 3443

Ion Ratio Lower Upper

91 100

106 25.8 25.3 37.9

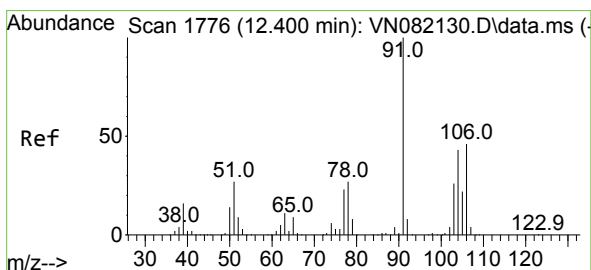
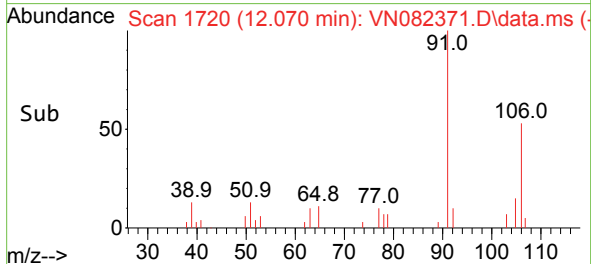
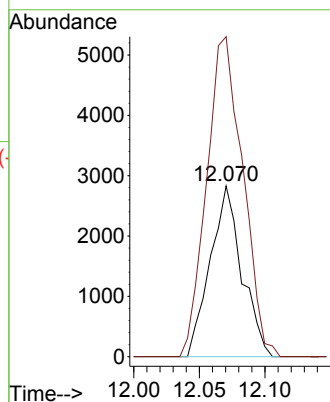
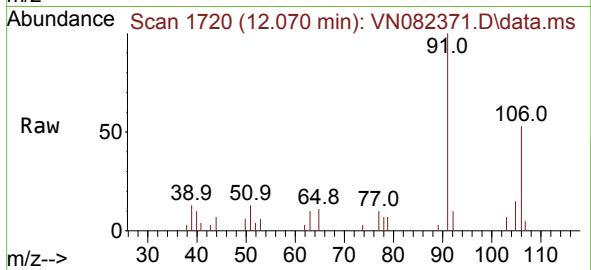




#68
m/p-Xylenes
Concen: 1.005 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

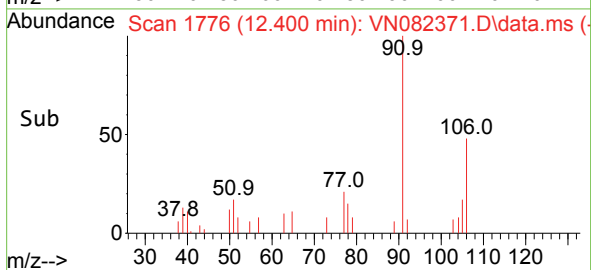
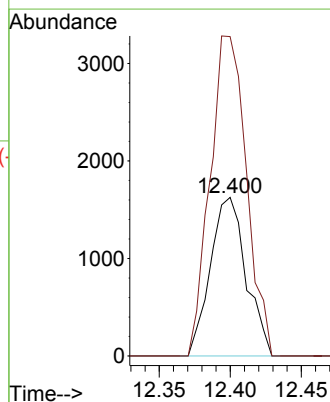
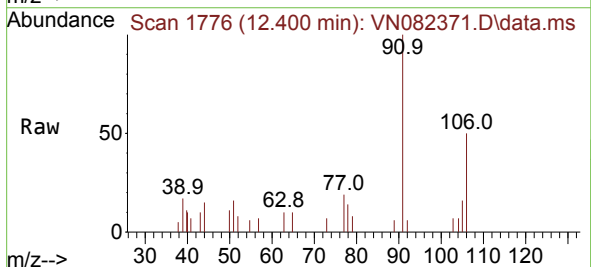
Instrument :
MSVOA_N
ClientSampleId :

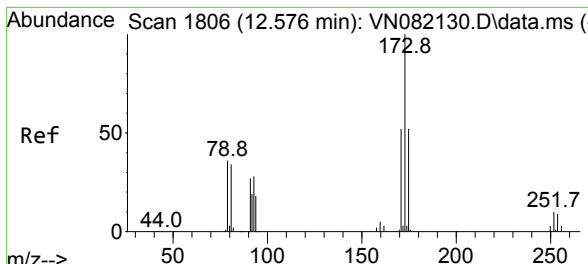
Tgt Ion:106 Resp: 4752
Ion Ratio Lower Upper
106 100
91 214.6 159.4 239.0



#69
o-Xylene
Concen: 0.620 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Tgt Ion:106 Resp: 2843
Ion Ratio Lower Upper
106 100
91 205.6 104.7 314.1

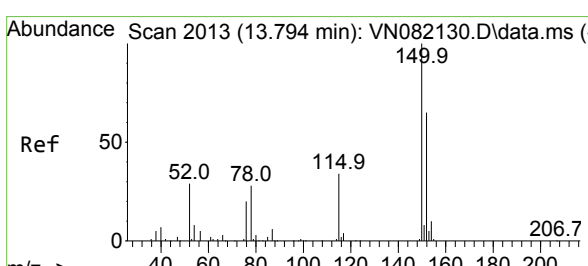
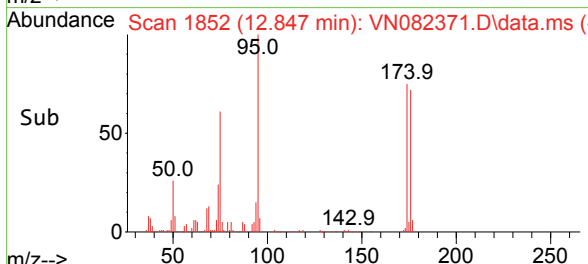
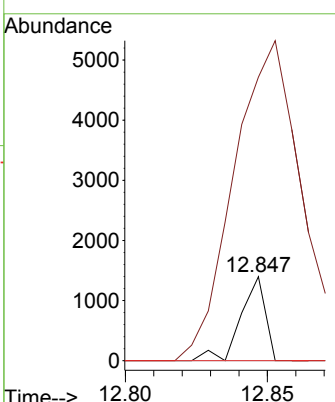
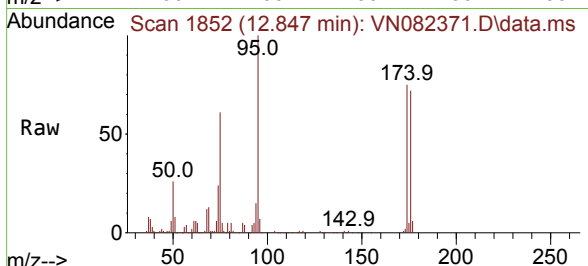




#71
 Bromoform
 Concen: 1.137 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.271 min
 Lab File: VN082371.D
 Acq: 29 May 2024 15:28

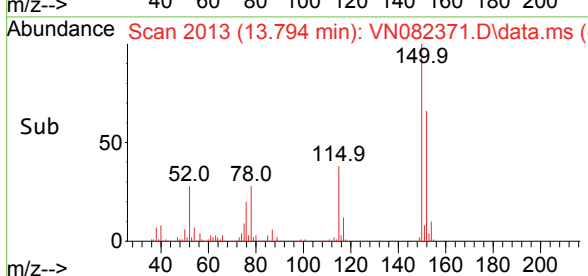
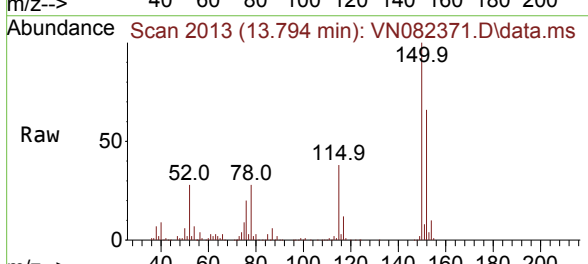
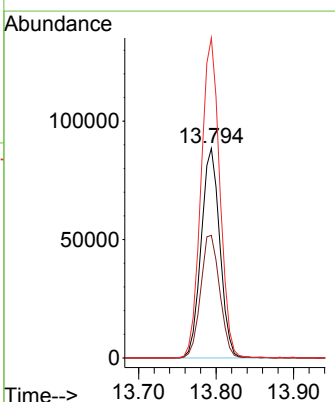
Instrument : MSVOA_N
 ClientSampleId :

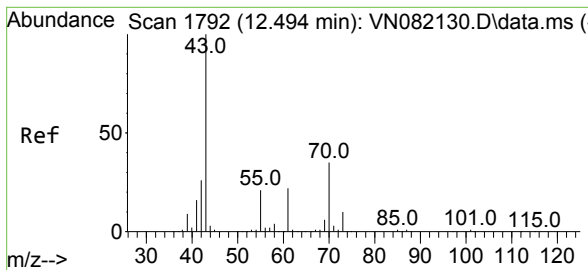
Tgt Ion:173	Resp:	835
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6 74.0#
254	0.0	0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082371.D
 Acq: 29 May 2024 15:28

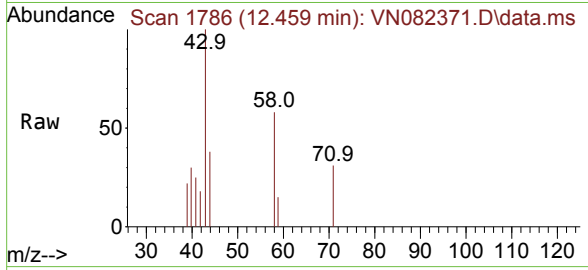
Tgt Ion:152	Resp:	147788
Ion Ratio	Lower	Upper
152	100	
115	60.0	30.4 91.3
150	153.4	0.0 353.2



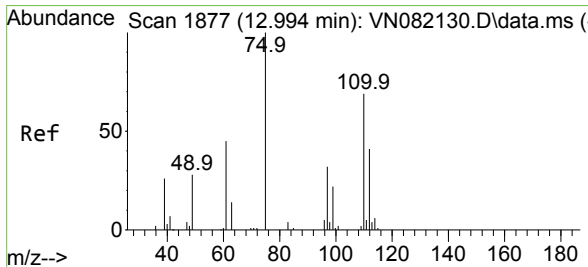
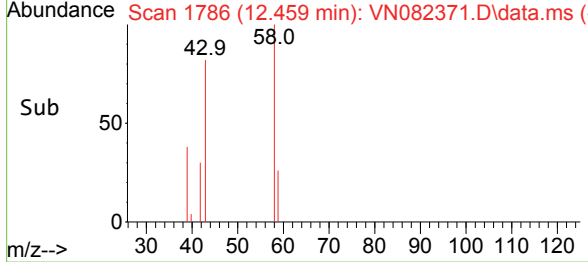
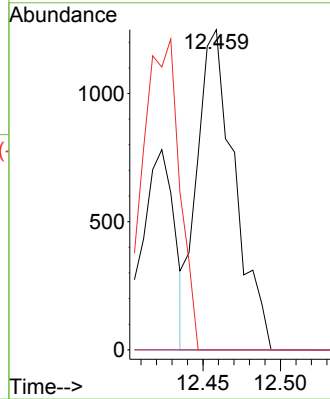


#74
N-amy1 acetate
Concen: 0.325 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

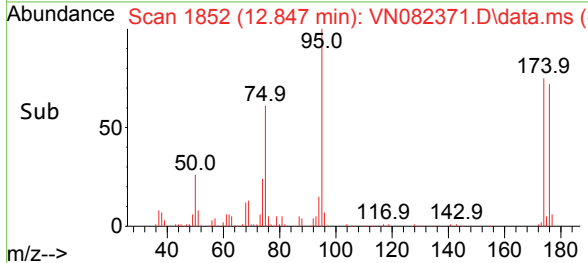
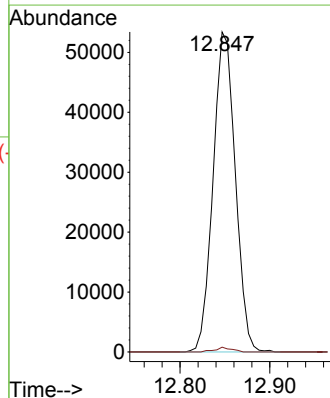
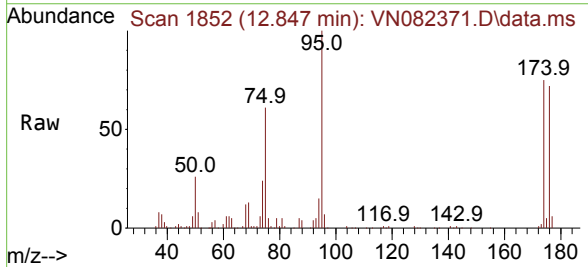


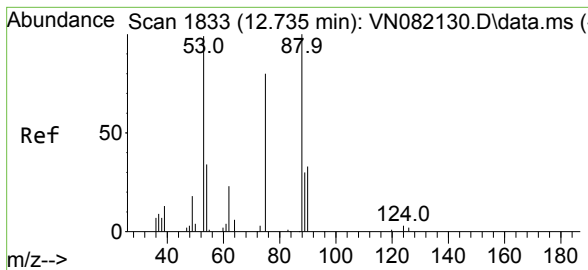
Tgt Ion:	43	Resp:	2098
Ion Ratio	Lower	Upper	
43	100		
70	0.0	39.0	58.4#
55	0.0	21.3	31.9#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 29.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

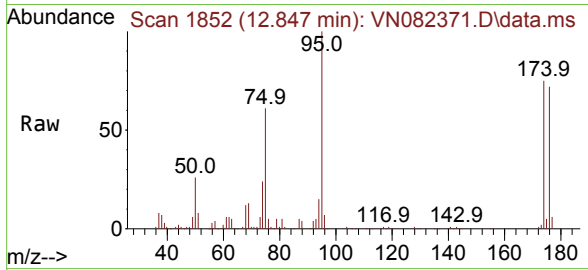
Tgt Ion:	75	Resp:	91950
Ion Ratio	Lower	Upper	
75	100		
77	1.1	90.5	271.3#



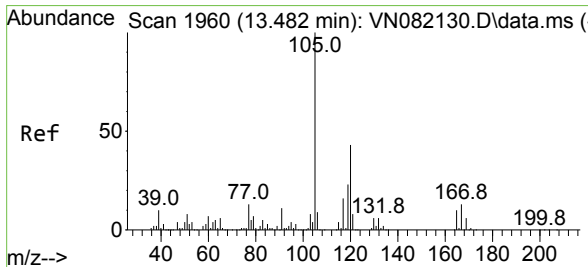
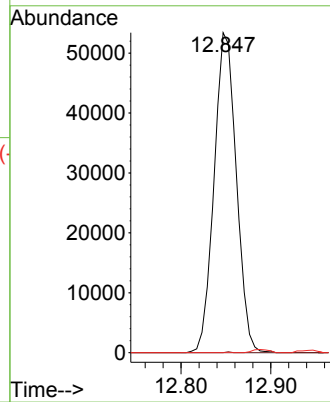
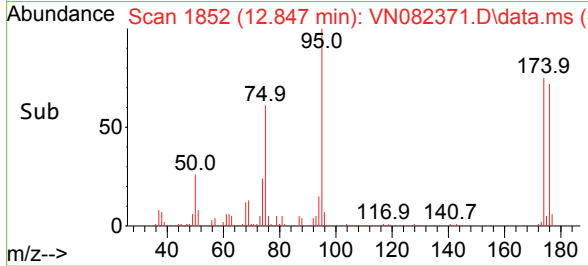


#81
trans-1,4-Dichloro-2-butene
Concen: 69.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

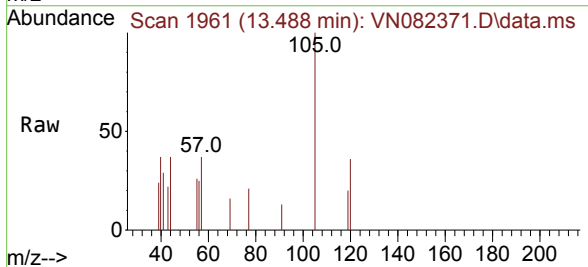
Instrument :
MSVOA_N
ClientSampleId :



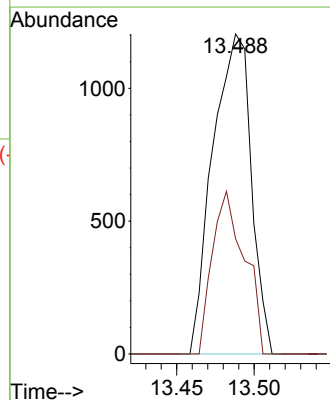
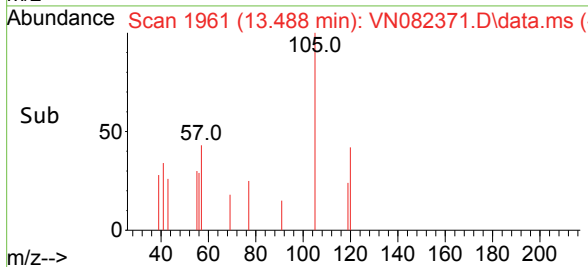
Tgt Ion: 75 Resp: 91950
Ion Ratio Lower Upper
75 100
53 0.1 72.9 109.3#
89 0.0 39.1 58.7#

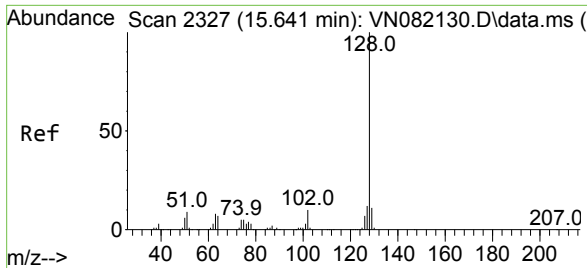


#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28



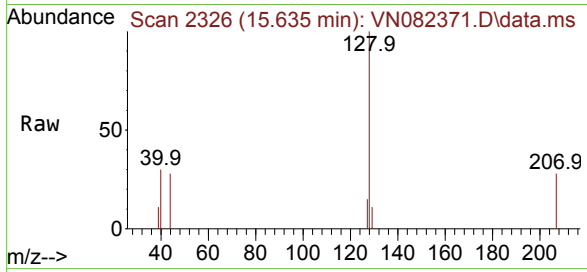
Tgt Ion: 105 Resp: 2075
Ion Ratio Lower Upper
105 100
120 42.7 22.9 68.7





#95
Naphthalene
Concen: 0.388 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN082371.D
Acq: 29 May 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	3274
Ion	Ratio	Lower	Upper
128	100		
127	4.6	10.1	15.1#
129	4.6	8.9	13.3#

