

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082912.D
 Acq On : 12 Jul 2024 20:19
 Operator : JC\MD
 Sample : P3224-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 15 01:20:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	201036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77979	55.605	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.220%	
35) Dibromofluoromethane	8.171	113	64593	50.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.140%	
50) Toluene-d8	10.571	98	250686	52.615	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.853	95	86046	50.276	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.560%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	269	0.219	ug/l #	43
11) Tert butyl alcohol	5.518	59	1435	6.084	ug/l #	71
13) Acrolein	4.183	56	115	0.675	ug/l #	14
16) Acetone	4.430	43	42409	85.894	ug/l	94
17) Carbon Disulfide	4.706	76	1676	0.549	ug/l #	75
18) Methyl Acetate	5.036	43	1947	1.490	ug/l #	82
20) Methylene Chloride	5.283	84	7165	6.009	ug/l	85
25) 2-Butanone	7.489	43	6777	9.090	ug/l	100
29) Tetrahydrofuran	7.841	42	271	0.577	ug/l #	38
31) Cyclohexane	8.224	56	2705	1.475	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	9044	5.085	ug/l #	53
37) Ethyl Acetate	7.565	43	2645	1.461	ug/l #	85
38) Carbon Tetrachloride	8.224	117	10916	5.097	ug/l #	17
40) Benzene	8.606	78	94622	17.295	ug/l	100
42) 1,2-Dichloroethane	8.688	62	749	0.380	ug/l #	78
43) Isopropyl Acetate	8.688	43	207385	61.418	ug/l #	79
45) 1,2-Dichloropropane	9.741	63	1262	0.988	ug/l #	44
48) Methyl methacrylate	9.671	41	4773	3.362	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	15035	8.375	ug/l	91
52) Toluene	10.635	92	128589	37.626	ug/l	98
53) t-1,3-Dichloropropene	10.724	75	499	0.236	ug/l #	70
54) cis-1,3-Dichloropropene	10.359	75	32412	14.457	ug/l #	59
55) 1,1,2-Trichloroethane	10.888	97	1031	0.820	ug/l #	14
56) Ethyl methacrylate	10.988	69	1086	0.555	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4157	1.869	ug/l #	43
59) 2-Hexanone	11.200	43	56396	42.255	ug/l #	58
67) Ethyl Benzene	11.965	91	37586	5.032	ug/l	96
68) m/p-Xylenes	12.065	106	56297	19.963	ug/l	97
69) o-Xylene	12.394	106	26385	9.764	ug/l	97
70) Styrene	12.406	104	3309	0.741	ug/l #	1
71) Bromoform	12.853	173	608	0.489	ug/l #	1
73) Isopropylbenzene	12.694	105	1453	0.228	ug/l	80
74) N-amyl acetate	12.459	43	7187	2.723	ug/l #	49
76) 1,2,3-Trichloropropane	12.847	75	47244	31.212	ug/l #	1
78) n-propylbenzene	13.035	91	2333	0.318	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	4374	0.848	ug/l	92

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Instrument :
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Quant Time: Jul 15 01:20:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

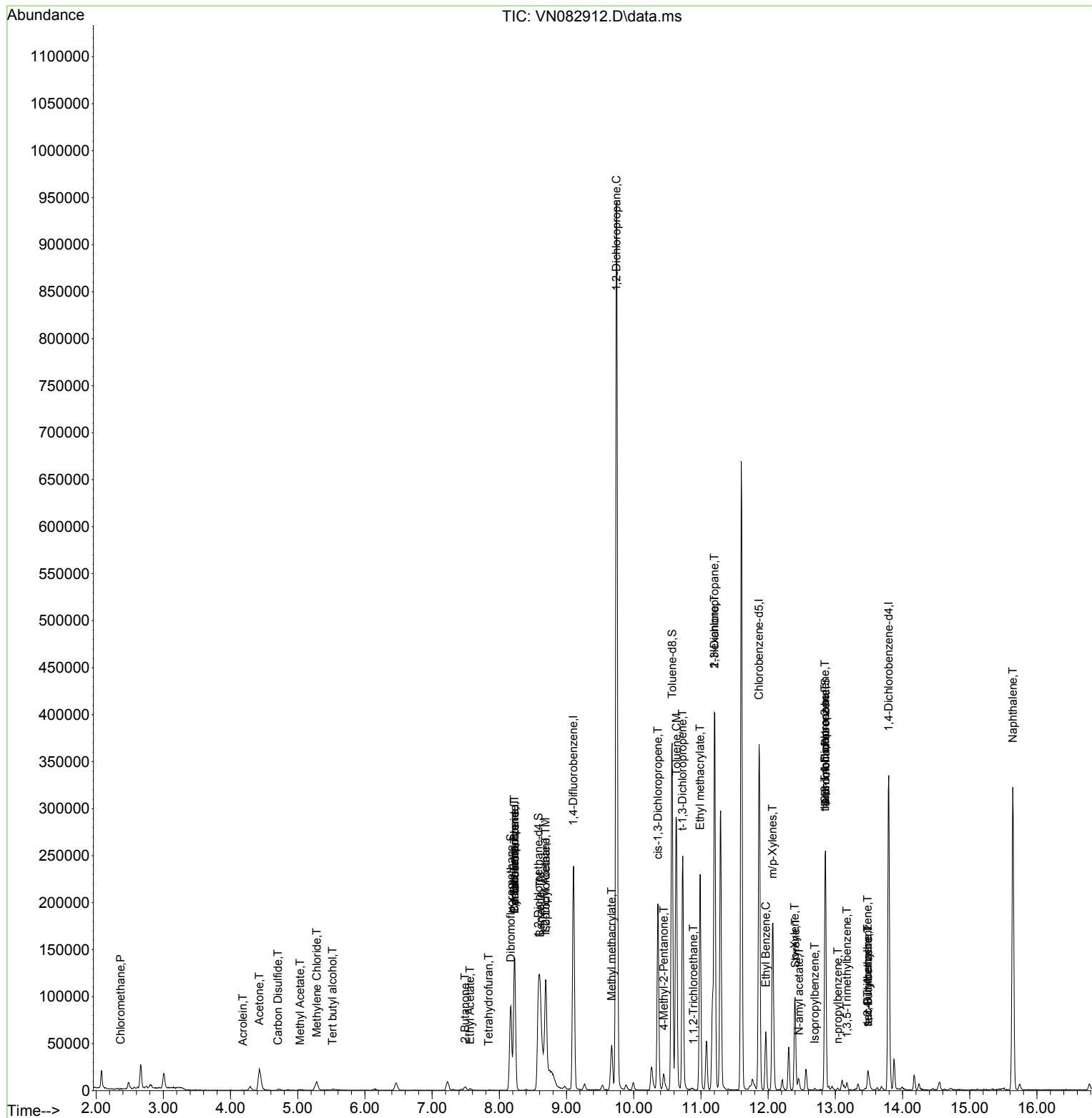
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.847	75	47244	61.384	ug/l #	6
83) tert-Butylbenzene	13.488	119	1404	0.307	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.482	105	12796	2.435	ug/l	85
85) sec-Butylbenzene	13.482	105	12796	2.071	ug/l #	57
95) Naphthalene	15.641	128	284123	53.348	ug/l	100

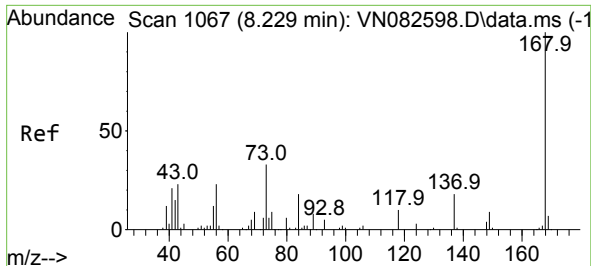
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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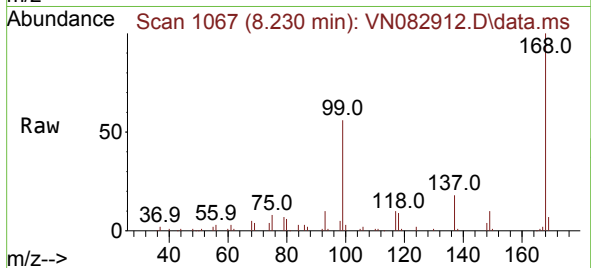
Quant Time: Jul 15 01:20:29 2024
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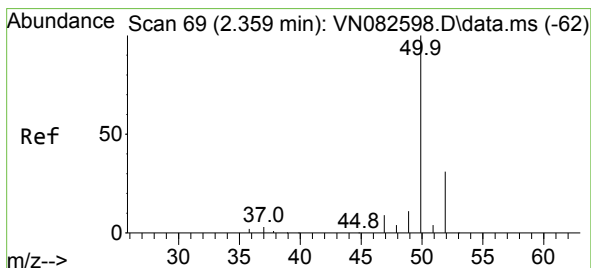
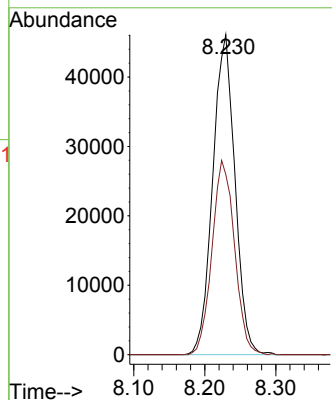
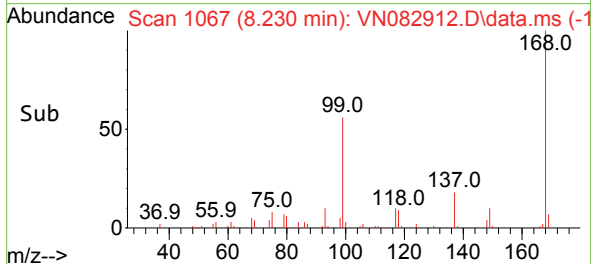


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

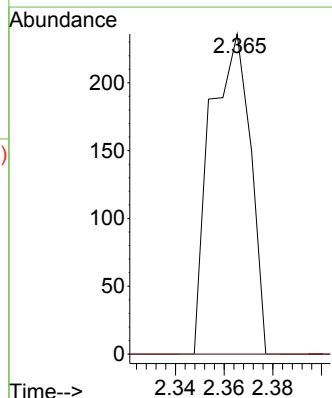
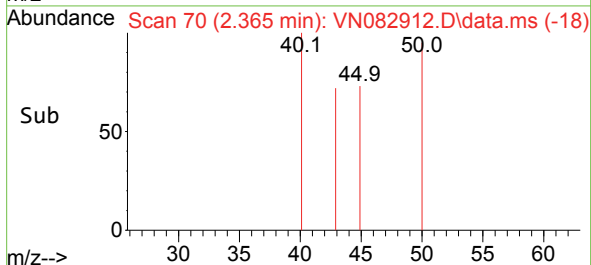
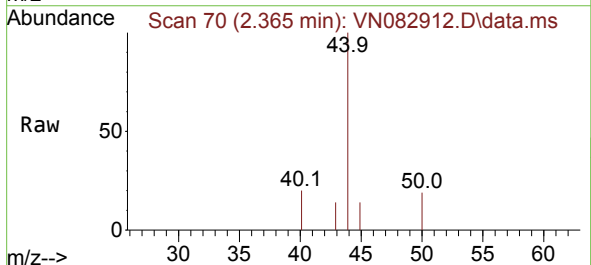


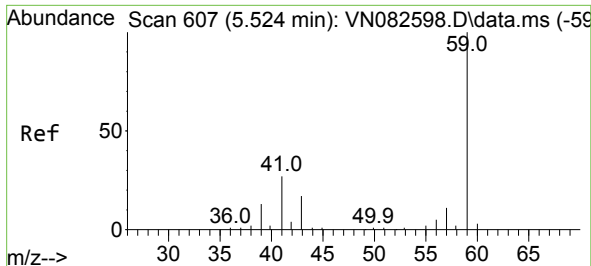
Tgt Ion:168 Resp: 100041
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

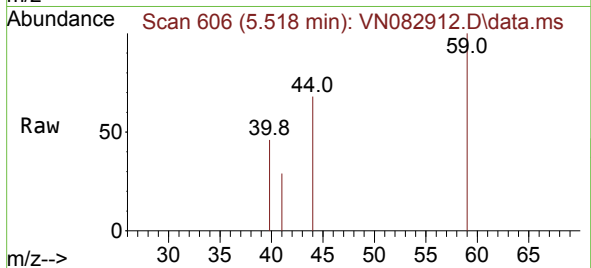
Tgt Ion: 50 Resp: 269
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



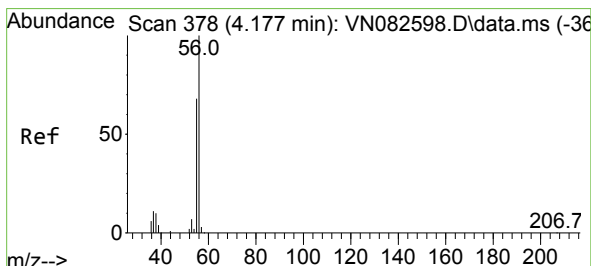
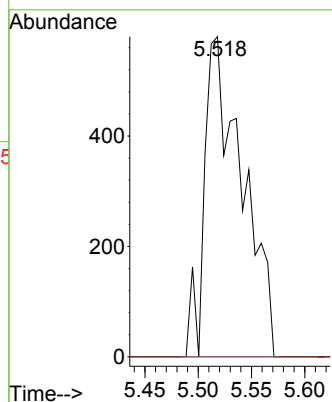
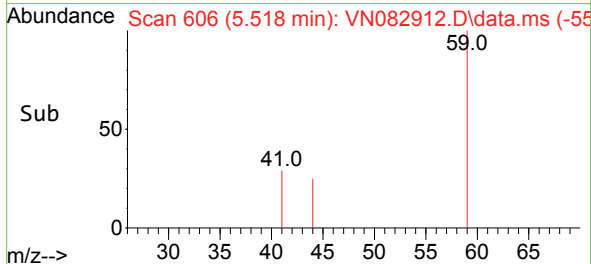


#11
Tert butyl alcohol
Concen: 6.084 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

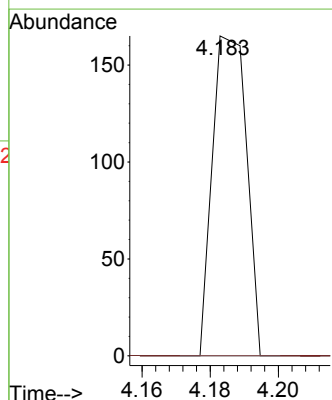
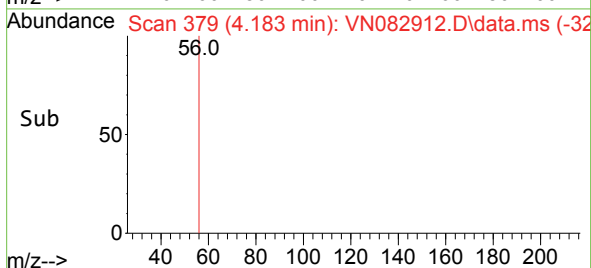
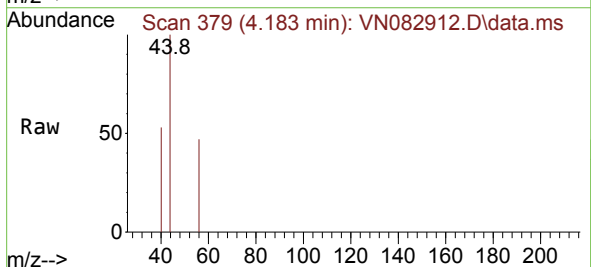


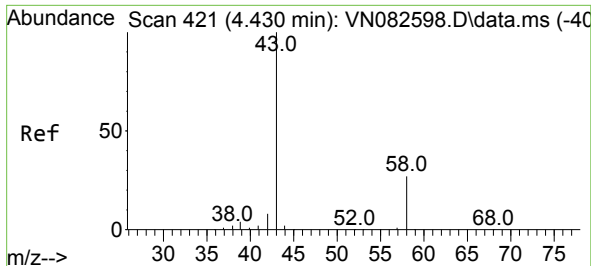
Tgt Ion: 59 Resp: 1435
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.675 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

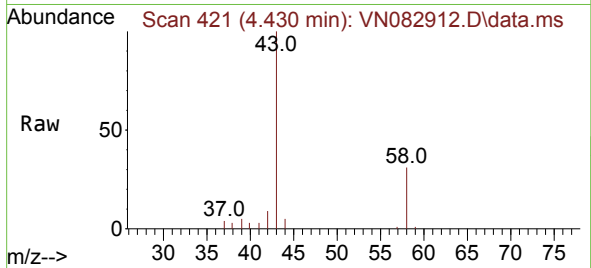
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



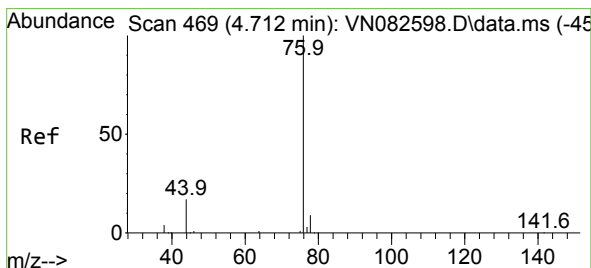
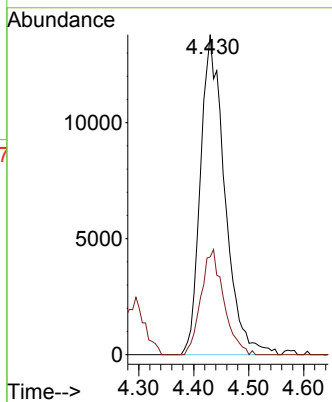
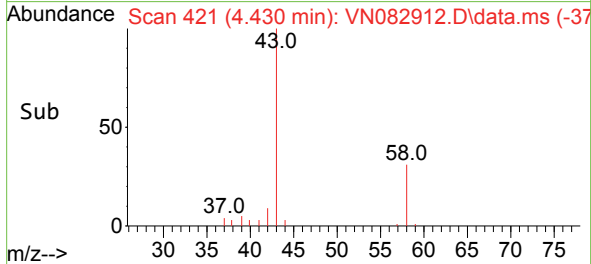


#16
Acetone
Concen: 85.894 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

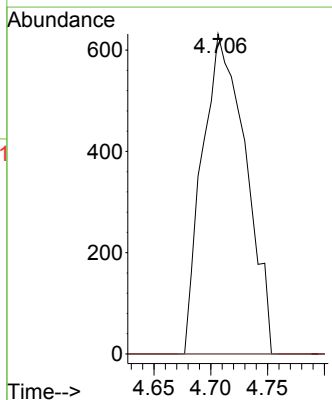
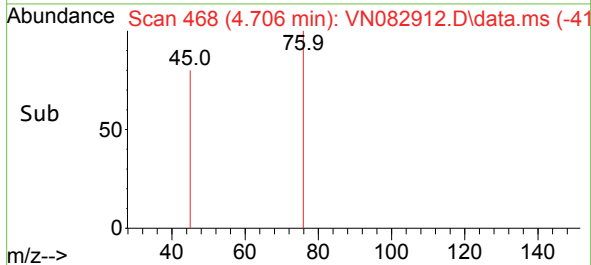
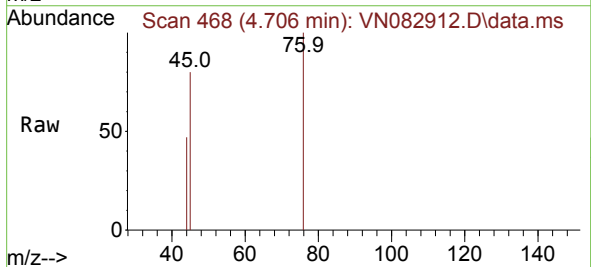


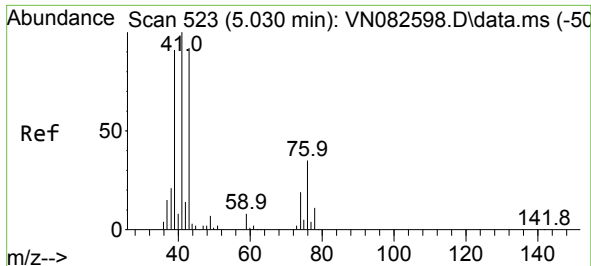
Tgt Ion: 43 Resp: 42409
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6



#17
Carbon Disulfide
Concen: 0.549 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 76 Resp: 1676
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 1.490 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.006 min

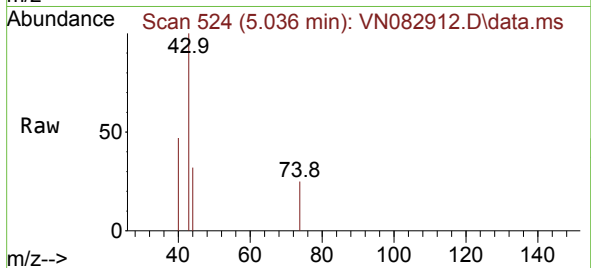
Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

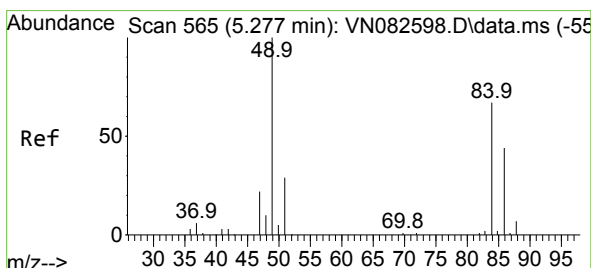
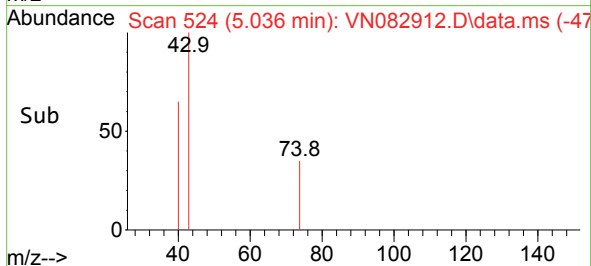
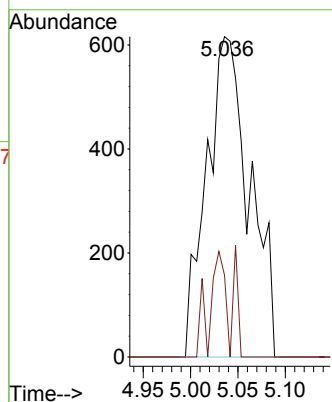


Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

74 12.0 16.3 24.5#



#20

Methylene Chloride

Concen: 6.009 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Tgt Ion: 84 Resp: 7165

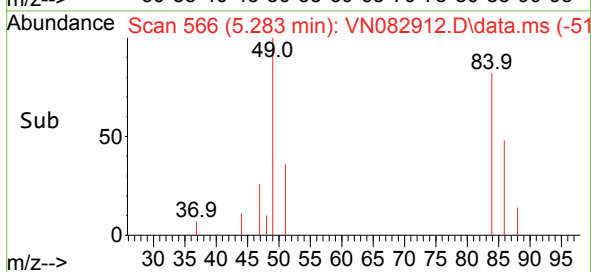
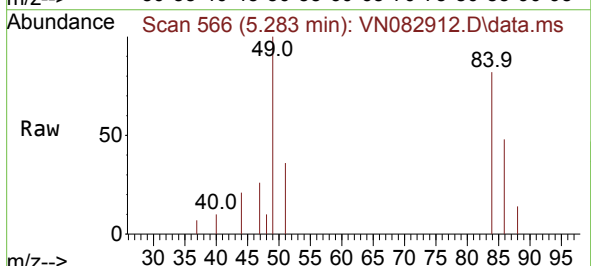
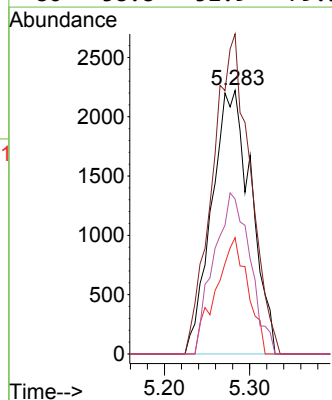
Ion Ratio Lower Upper

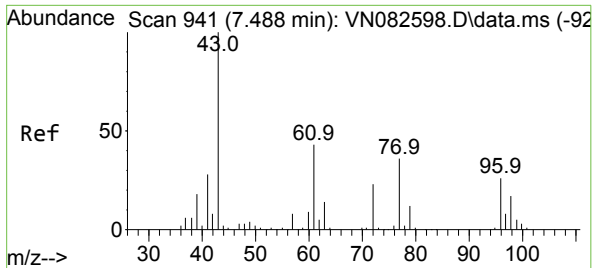
84 100

49 121.4 119.6 179.4

51 44.1 34.8 52.2

86 58.8 52.9 79.3





#25

2-Butanone

Concen: 9.090 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.001 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

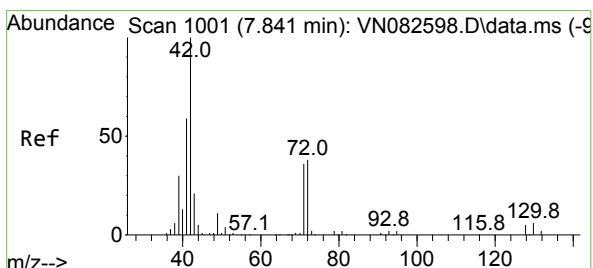
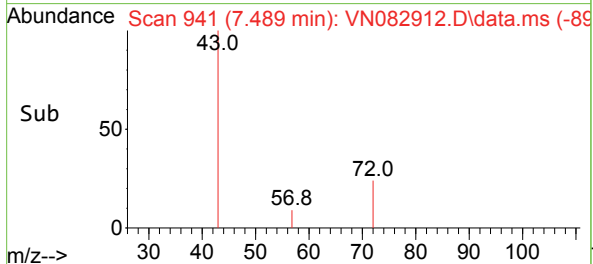
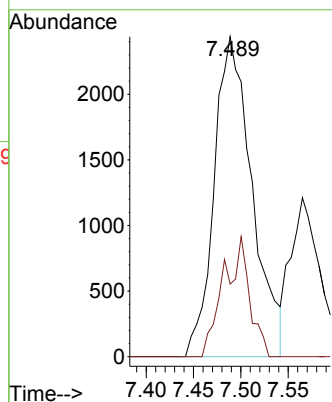
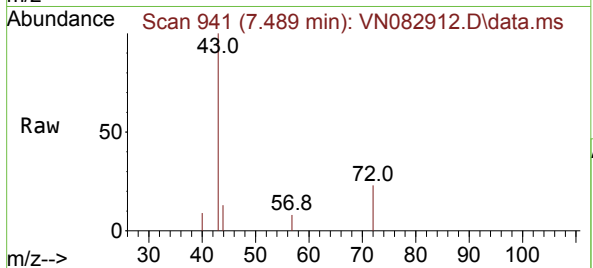
ClientSampleId :

Tgt Ion: 43 Resp: 6777

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.2



#29

Tetrahydrofuran

Concen: 0.577 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

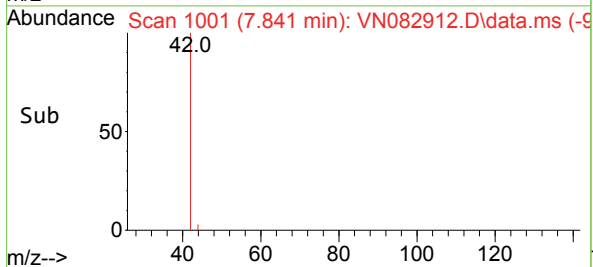
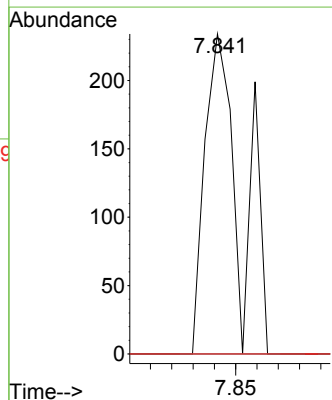
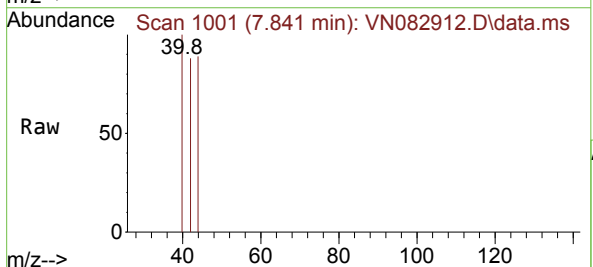
Tgt Ion: 42 Resp: 271

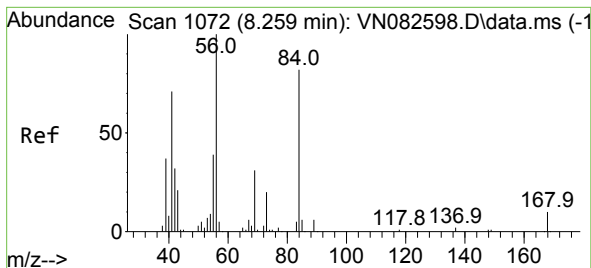
Ion Ratio Lower Upper

42 100

72 0.0 30.0 45.0#

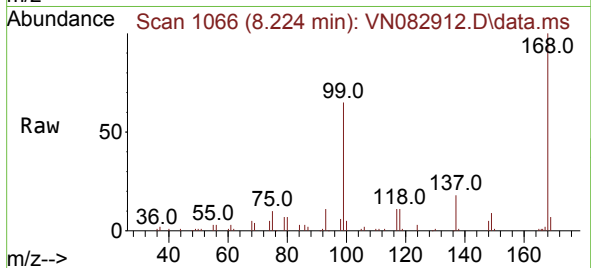
71 0.0 28.3 42.5#



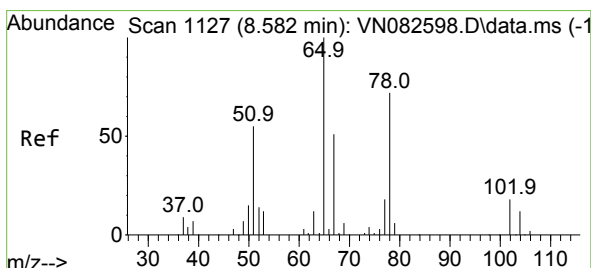
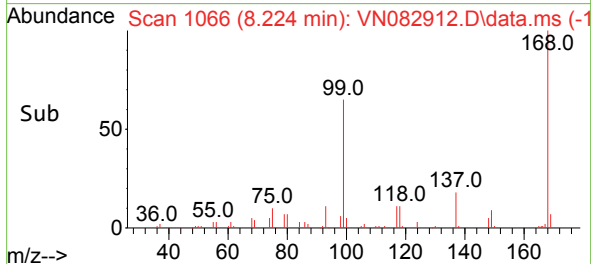
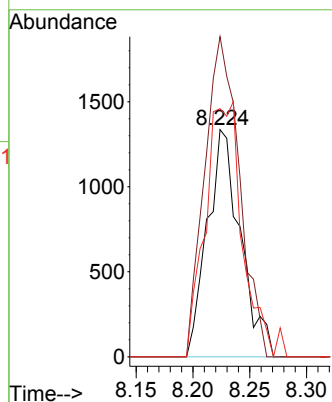


#31
Cyclohexane
Concen: 1.475 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

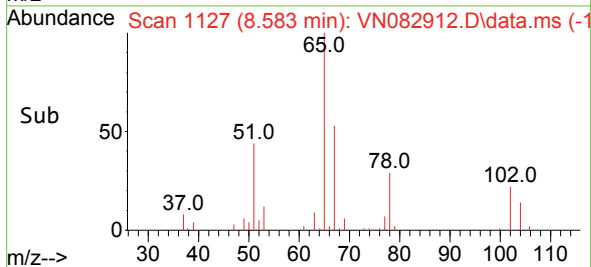
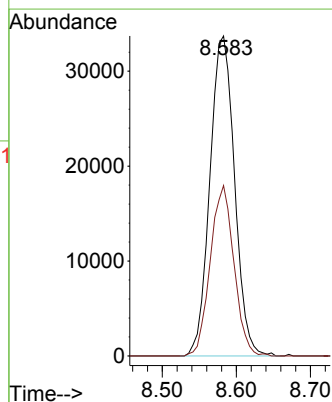
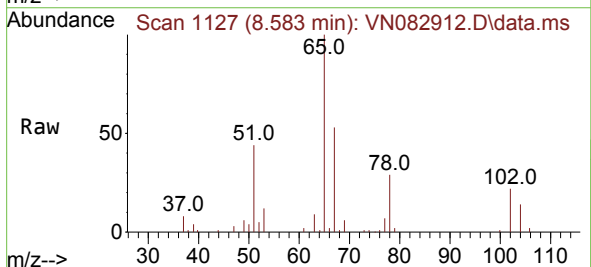


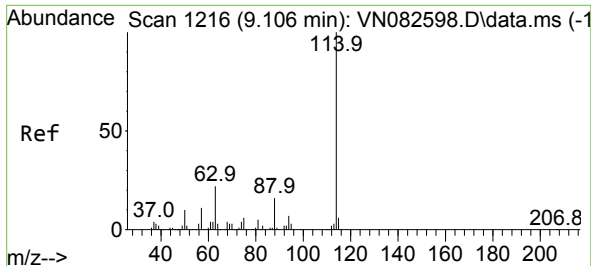
Tgt Ion: 56 Resp: 2705
Ion Ratio Lower Upper
56 100
69 140.9 24.5 36.7#
84 109.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 55.605 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 65 Resp: 77979
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

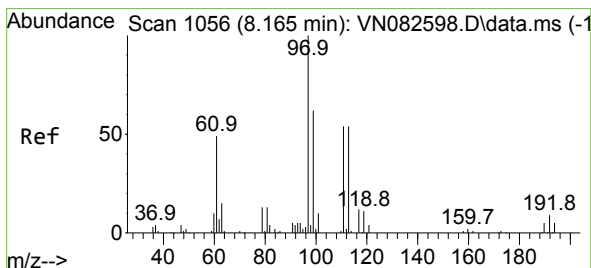
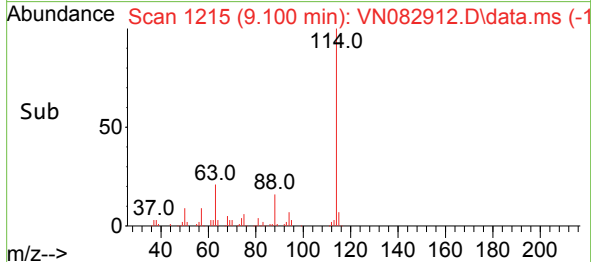
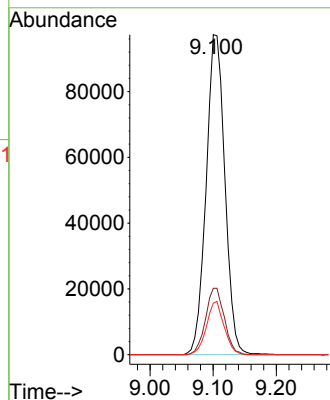
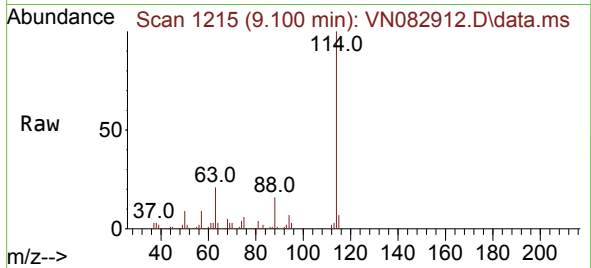




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

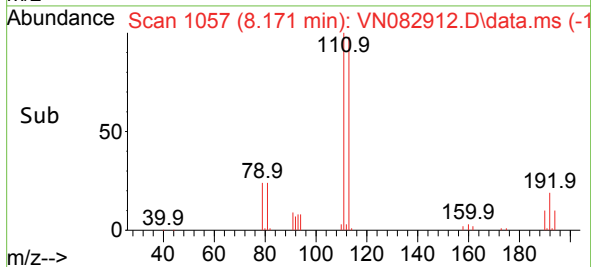
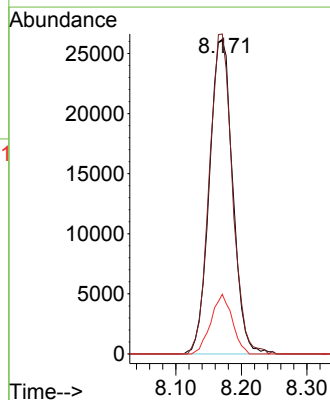
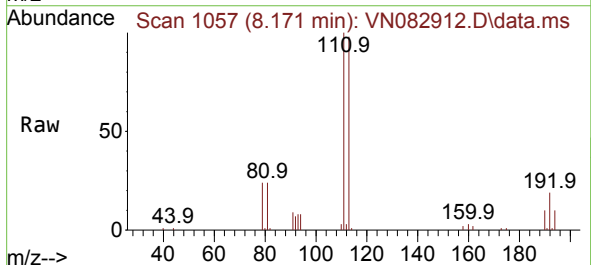
Instrument :
MSVOA_N
ClientSampleId :

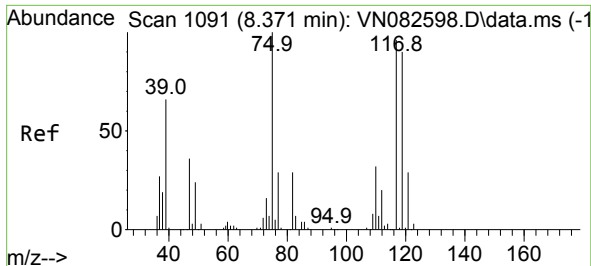
Tgt Ion:114 Resp: 201036
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.6
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:113 Resp: 64593
Ion Ratio Lower Upper
113 100
111 100.5 82.4 123.6
192 17.4 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.085 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

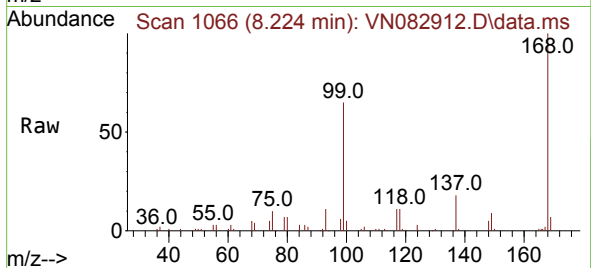
Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

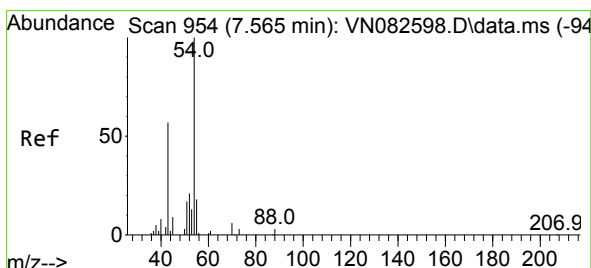
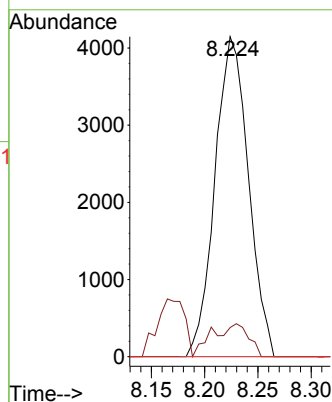
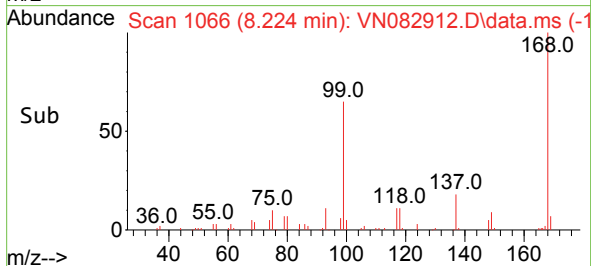
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	9044
Ion	Ratio	Lower	Upper
75	100		
110	10.6	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 1.461 ug/l

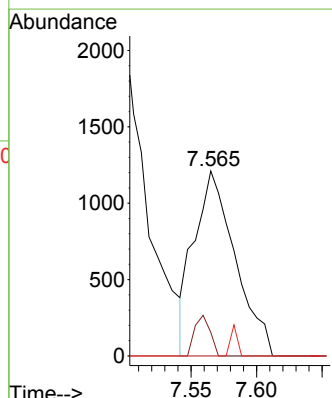
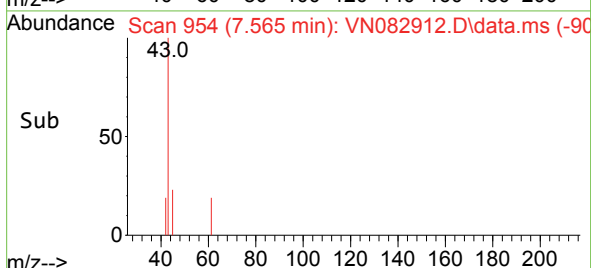
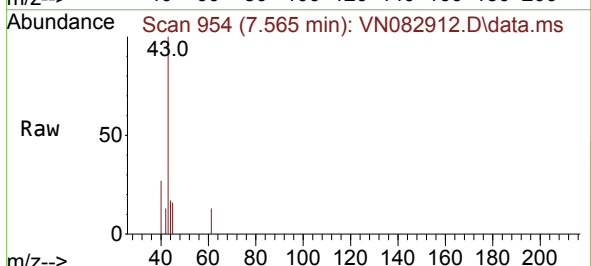
RT: 7.565 min Scan# 954

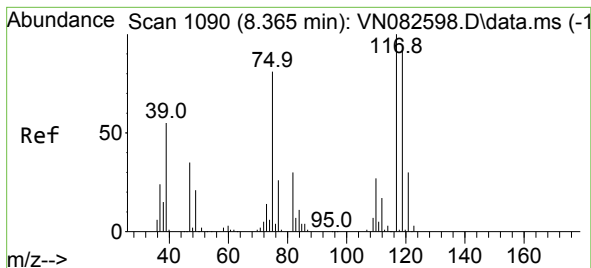
Delta R.T. 0.000 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Tgt Ion:	43	Resp:	2645
Ion	Ratio	Lower	Upper
43	100		
61	8.3	9.3	13.9#
70	0.0	7.0	10.6#





#38

Carbon Tetrachloride

Concen: 5.097 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

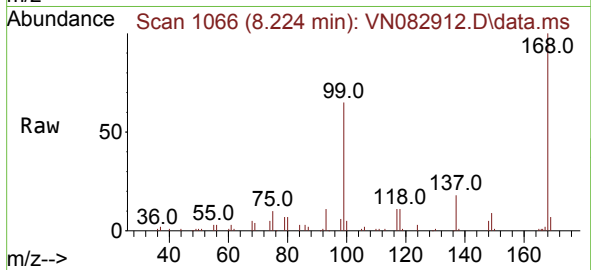
Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :



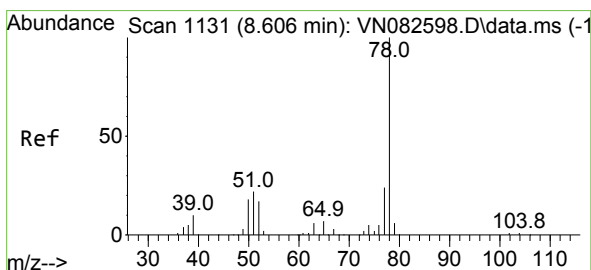
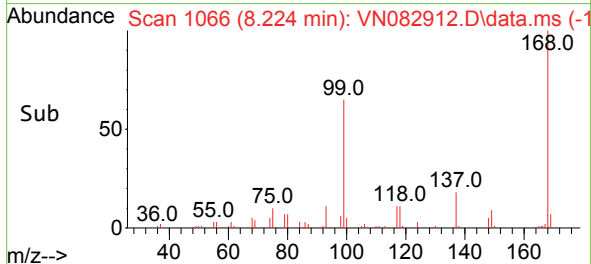
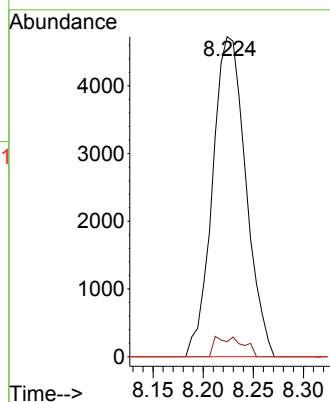
Tgt Ion:117 Resp: 10916

Ion Ratio Lower Upper

117 100

119 4.7 74.9 112.3#

121 0.0 24.3 36.5#



#40

Benzene

Concen: 17.295 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082912.D

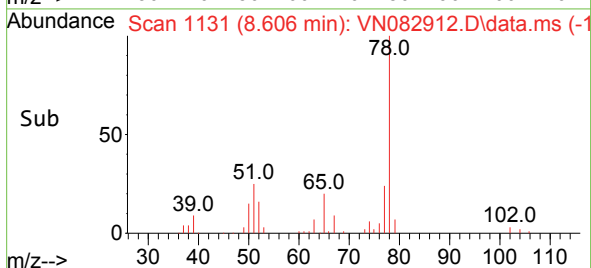
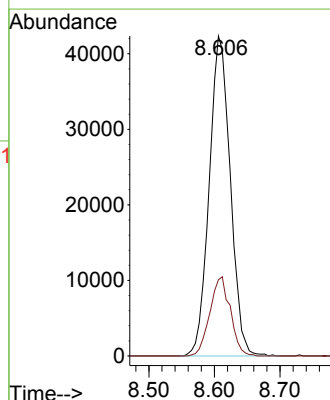
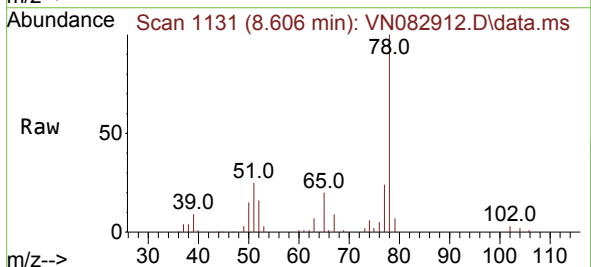
Acq: 12 Jul 2024 20:19

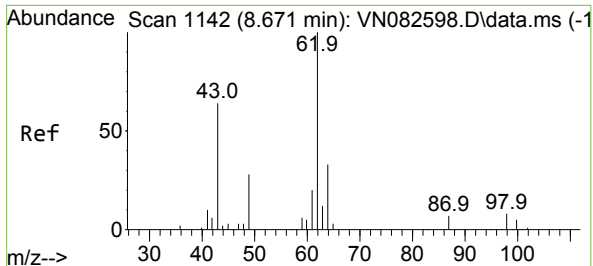
Tgt Ion: 78 Resp: 94622

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.380 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.017 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

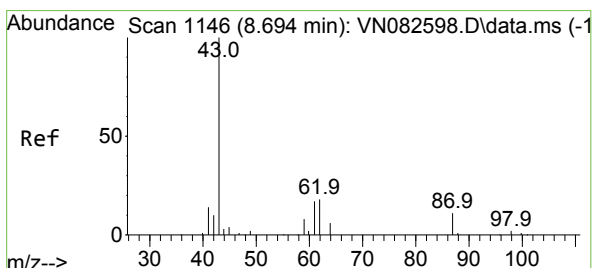
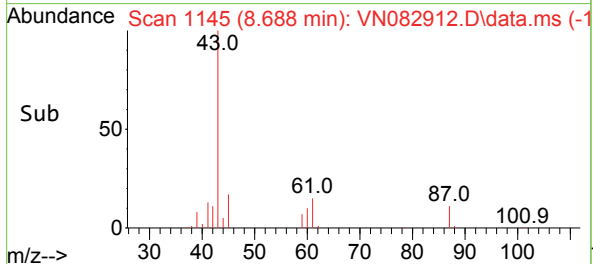
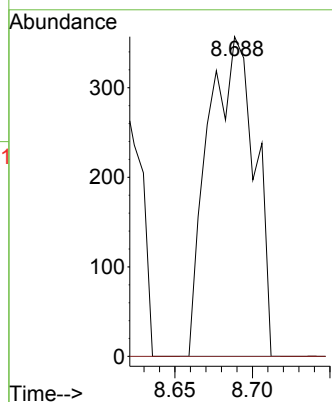
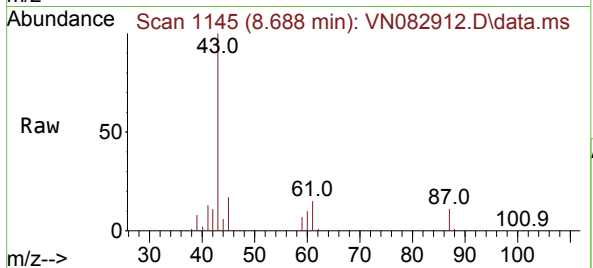
ClientSampleId :

Tgt Ion: 62 Resp: 749

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 61.418 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

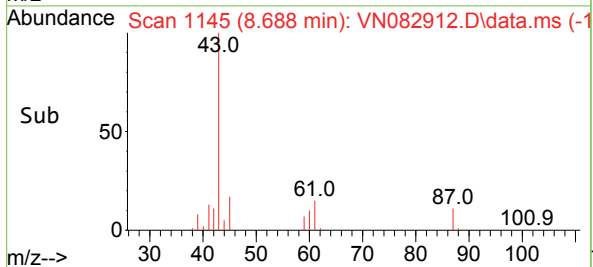
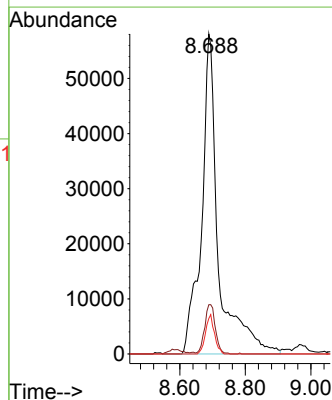
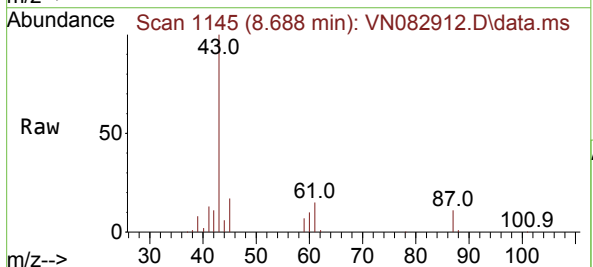
Tgt Ion: 43 Resp: 207385

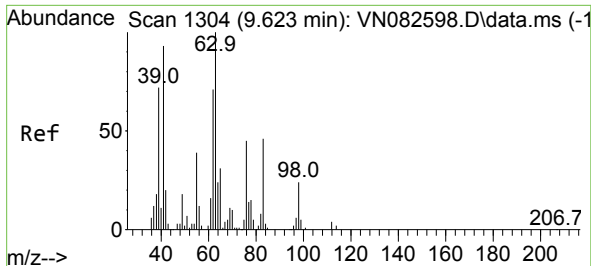
Ion Ratio Lower Upper

43 100

61 9.8 17.8 26.6#

87 6.5 8.2 12.2#





#45

1,2-Dichloropropane

Concen: 0.988 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

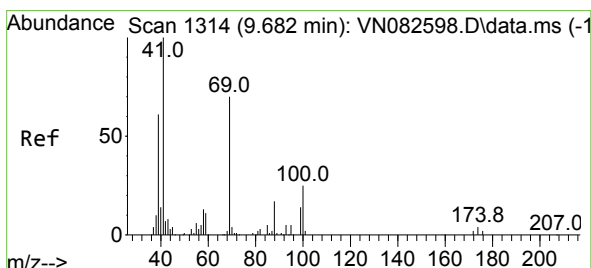
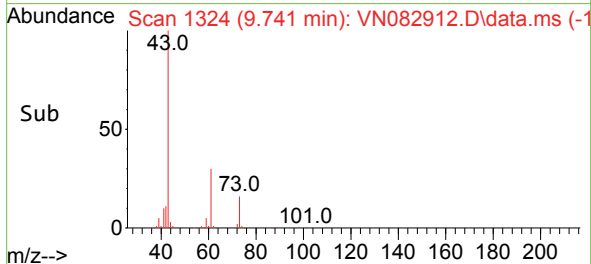
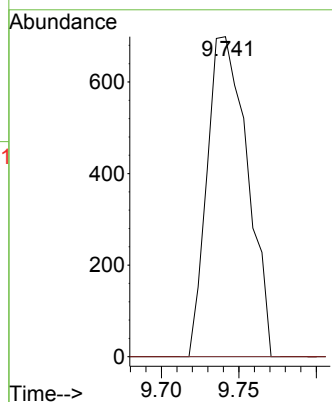
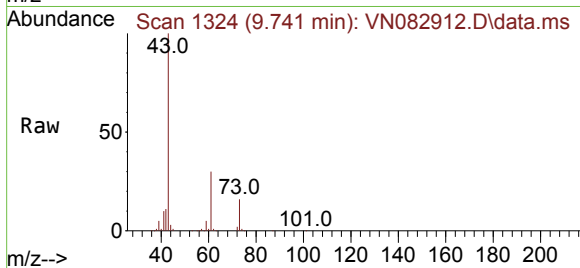
ClientSampleId :

Tgt Ion: 63 Resp: 1262

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 3.362 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.011 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

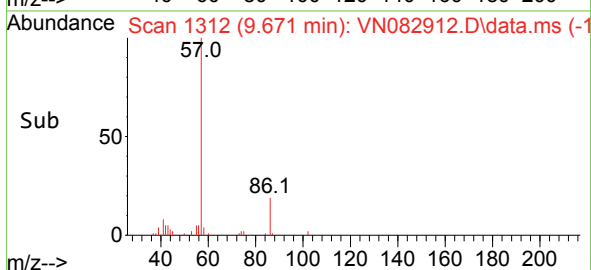
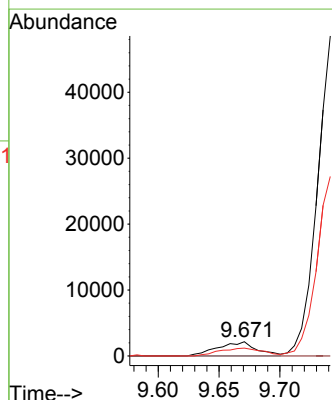
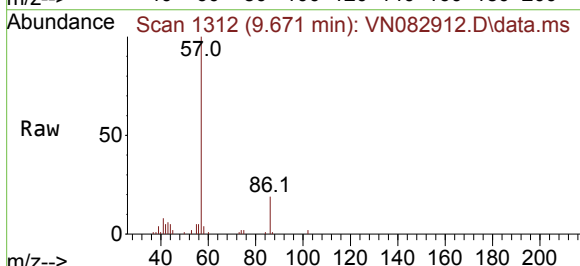
Tgt Ion: 41 Resp: 4773

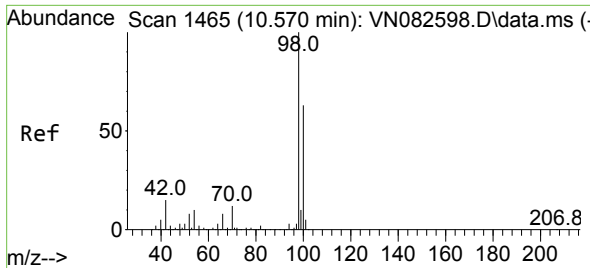
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 61.9 50.3 75.5

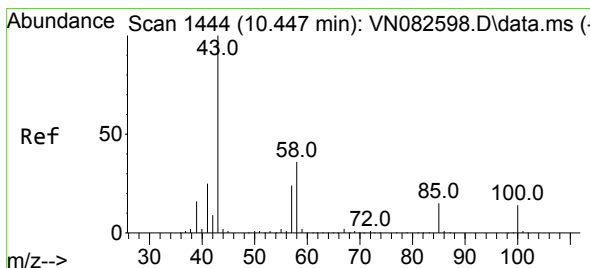
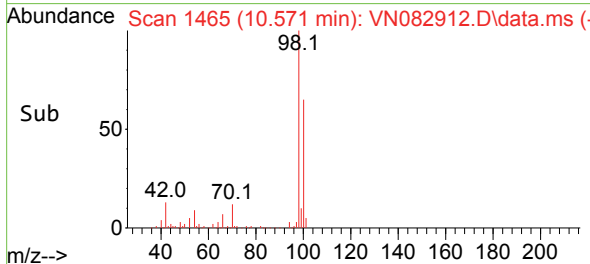
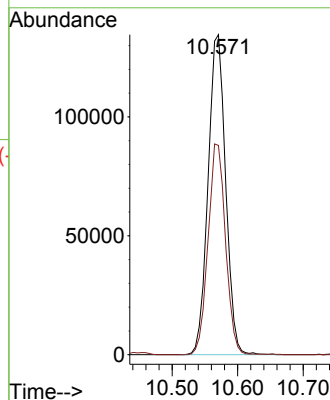
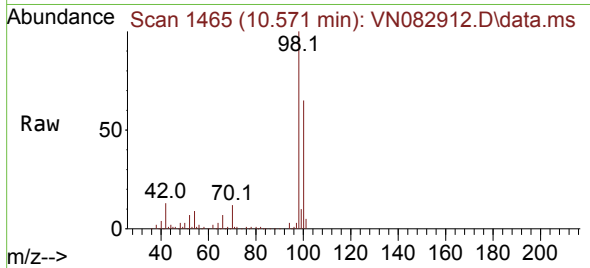




#50
Toluene-d8
Concen: 52.615 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

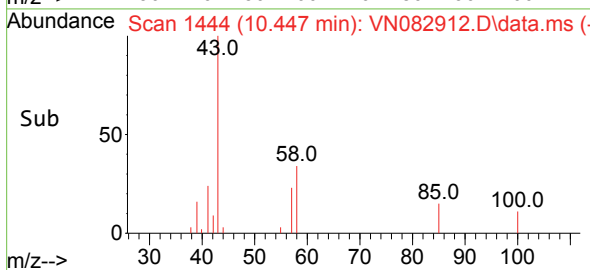
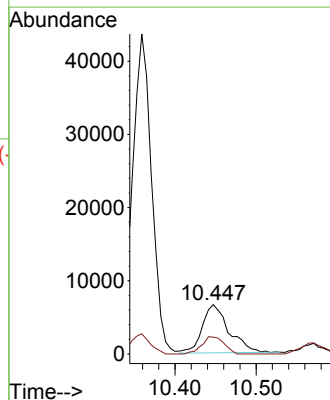
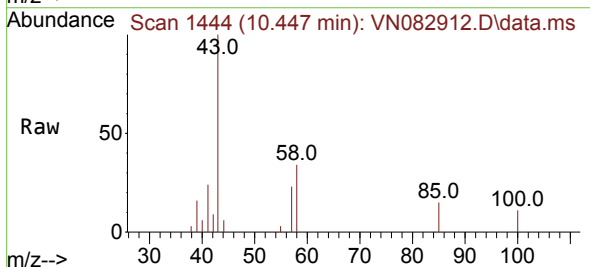
Instrument :
MSVOA_N
ClientSampleId :

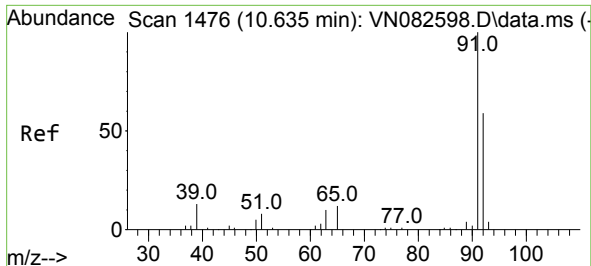
Tgt Ion: 98 Resp: 250686
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 8.375 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

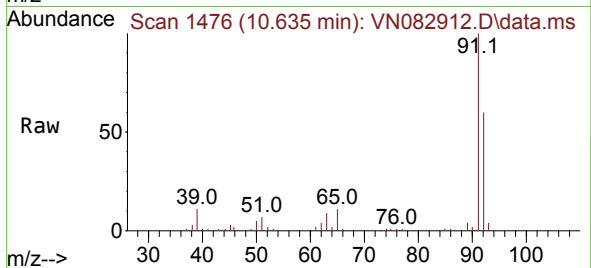
Tgt Ion: 43 Resp: 15035
Ion Ratio Lower Upper
43 100
58 29.9 28.2 42.4



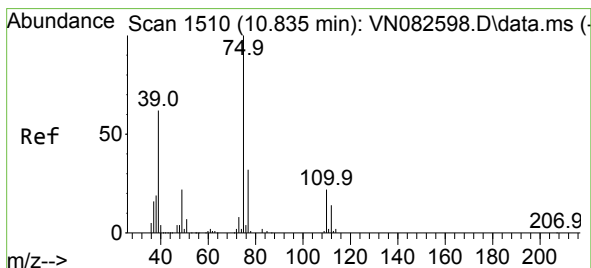
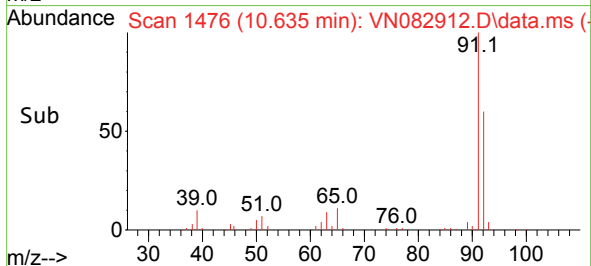
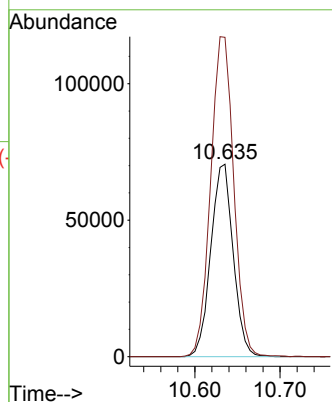


#52
Toluene
Concen: 37.626 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

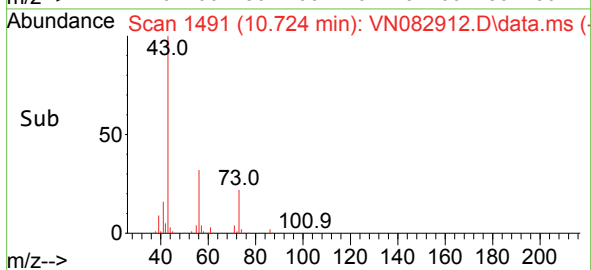
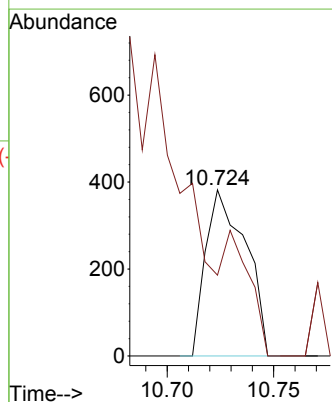
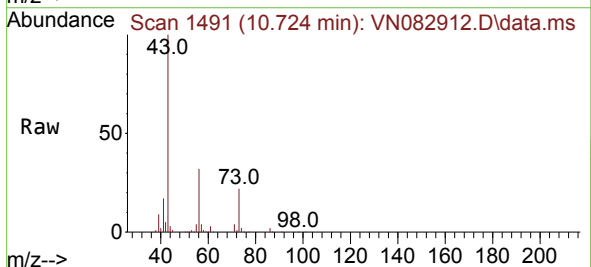


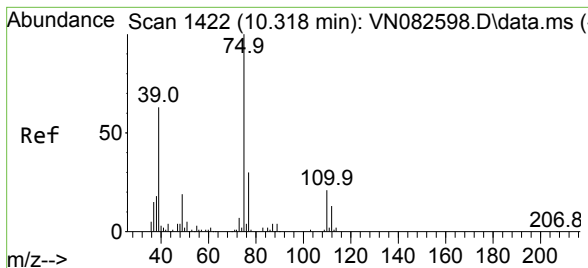
Tgt Ion: 92 Resp: 128589
Ion Ratio Lower Upper
92 100
91 171.6 139.4 209.0



#53
t-1,3-Dichloropropene
Concen: 0.236 ug/l
RT: 10.724 min Scan# 1491
Delta R.T. -0.111 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

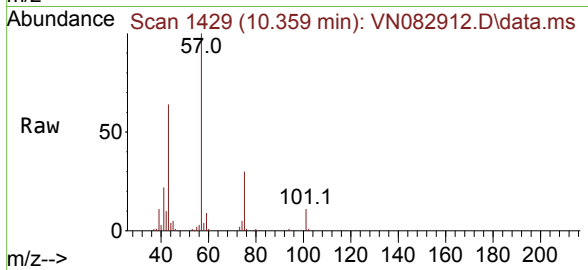
Tgt Ion: 75 Resp: 499
Ion Ratio Lower Upper
75 100
77 48.7 25.7 38.5#



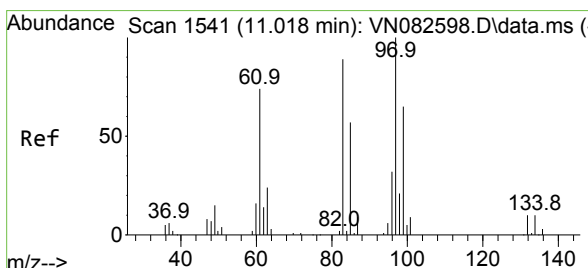
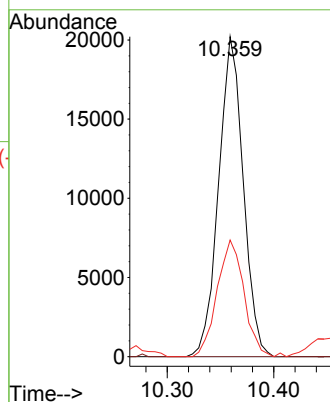
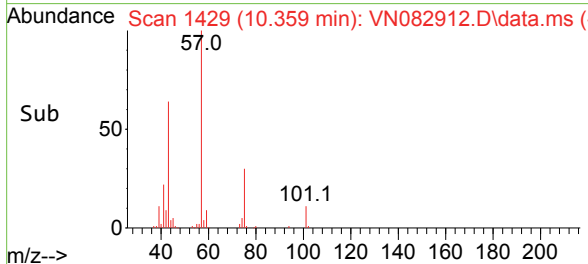


#54
 cis-1,3-Dichloropropene
 Concen: 14.457 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082912.D
 Acq: 12 Jul 2024 20:19

Instrument :
 MSVOA_N
 ClientSampleId :

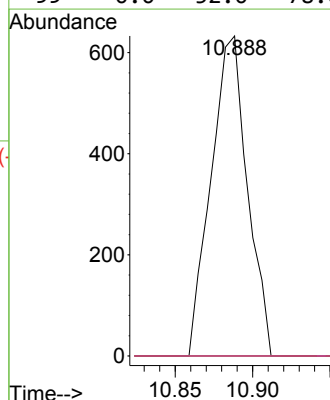
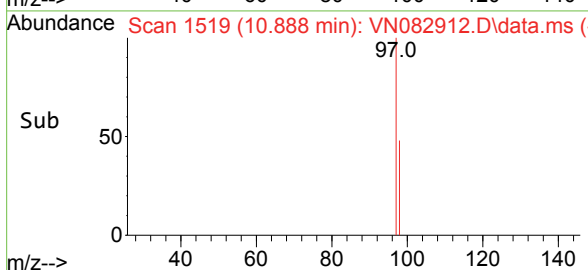
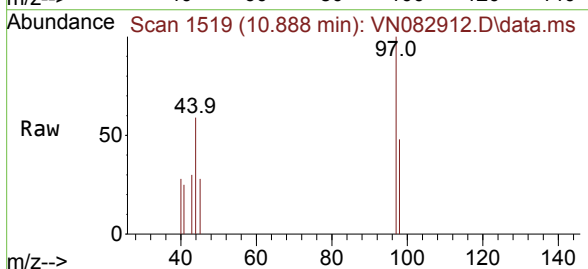


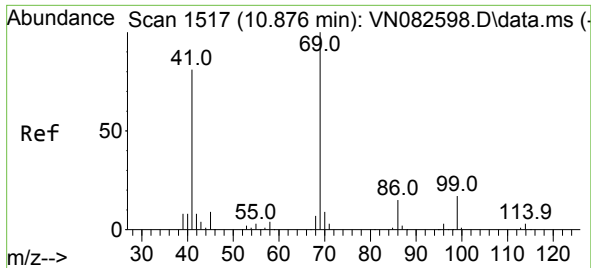
Tgt Ion: 75 Resp: 32412
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 36.5 50.5 75.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.820 ug/l
 RT: 10.888 min Scan# 1519
 Delta R.T. -0.130 min
 Lab File: VN082912.D
 Acq: 12 Jul 2024 20:19

Tgt Ion: 97 Resp: 1031
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.4 107.0#
 85 0.0 45.8 68.6#
 99 0.0 52.0 78.0#

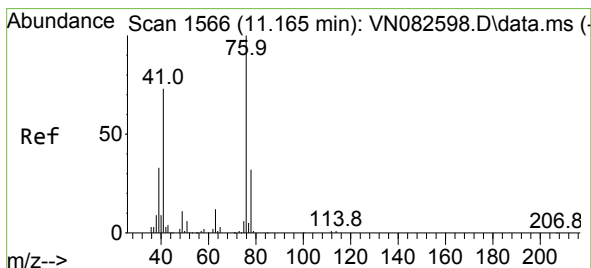
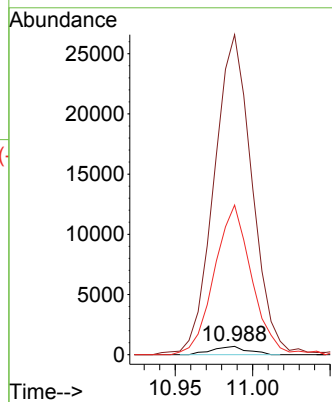
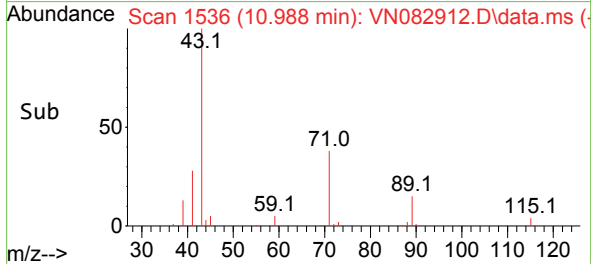
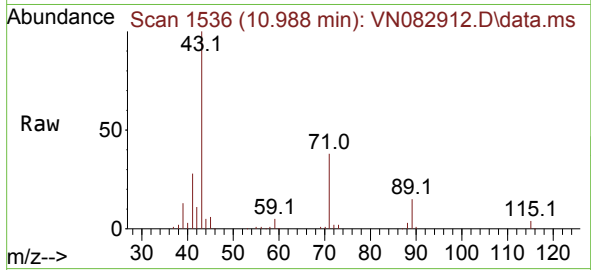




#56
Ethyl methacrylate
Concen: 0.555 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. 0.112 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

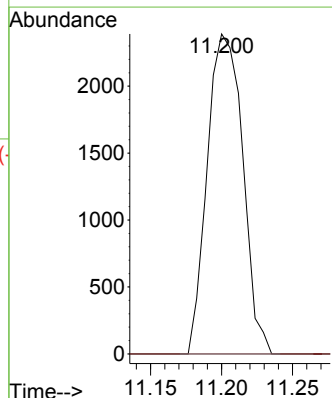
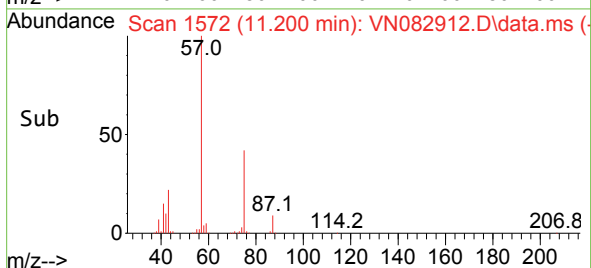
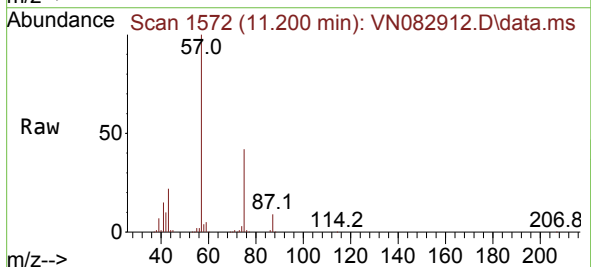
Instrument :
MSVOA_N
ClientSampleId :

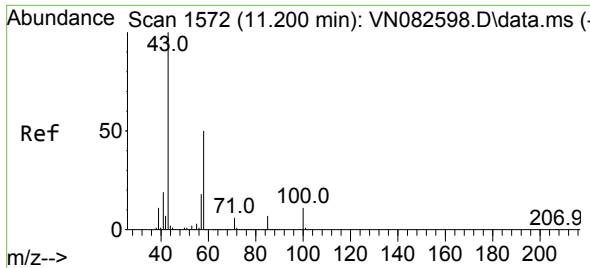
Tgt Ion: 69 Resp: 1086
Ion Ratio Lower Upper
69 100
41 4190.8 63.4 95.2#
39 1925.8 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.869 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 76 Resp: 4157
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

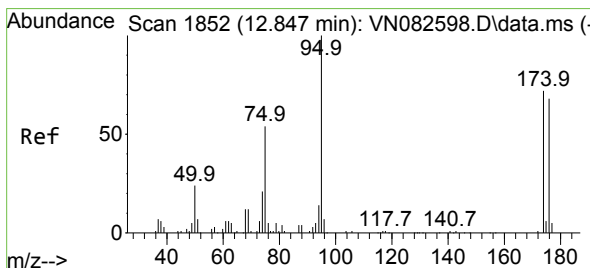
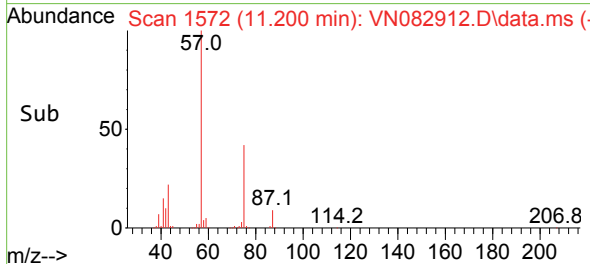
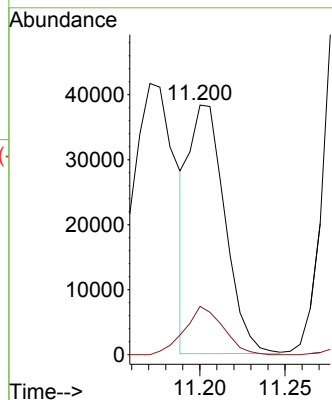
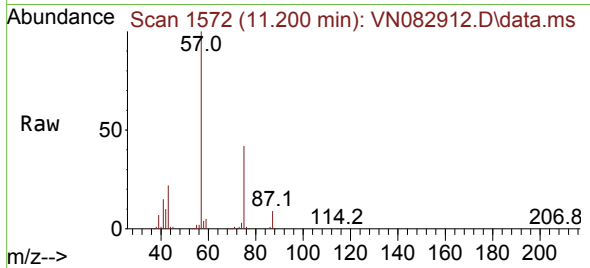




#59
2-Hexanone
Concen: 42.255 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

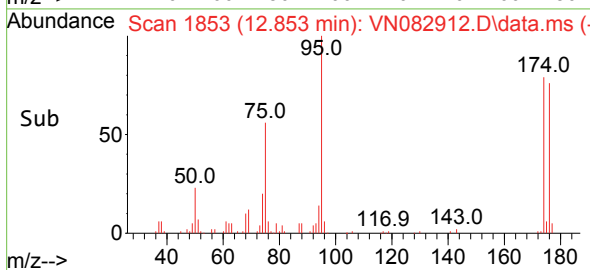
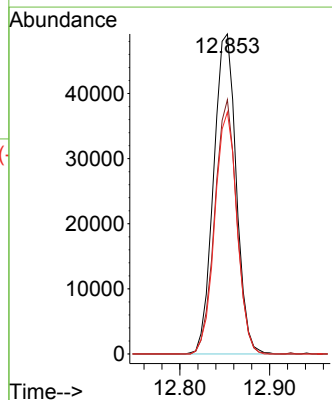
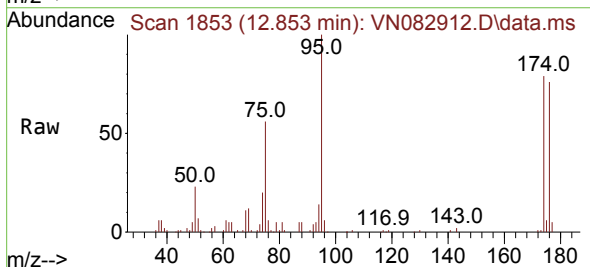
Instrument :
MSVOA_N
ClientSampleId :

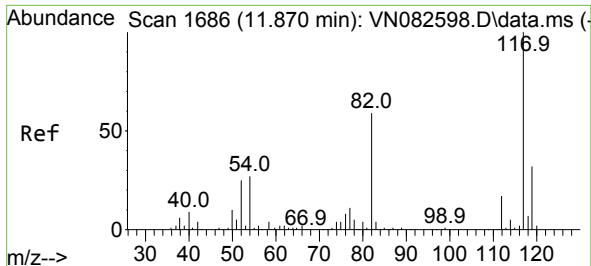
Tgt Ion: 43 Resp: 56396
Ion Ratio Lower Upper
43 100
58 20.8 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 50.276 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

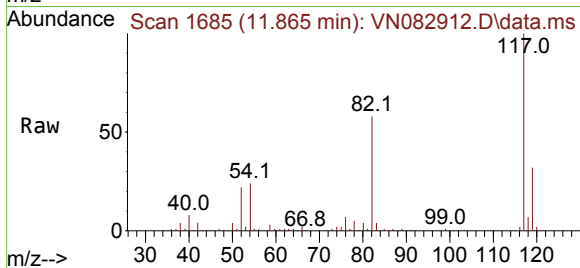
Tgt Ion: 95 Resp: 86046
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 74.2 0.0 147.6



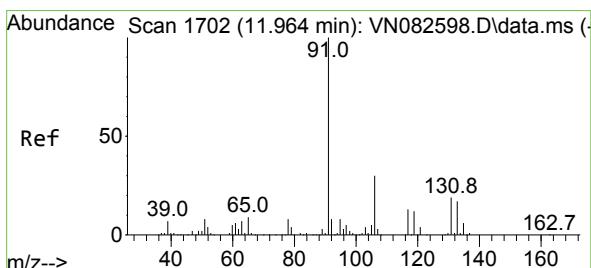
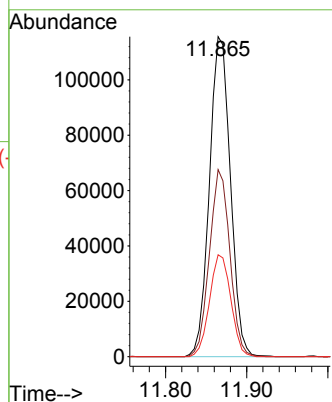
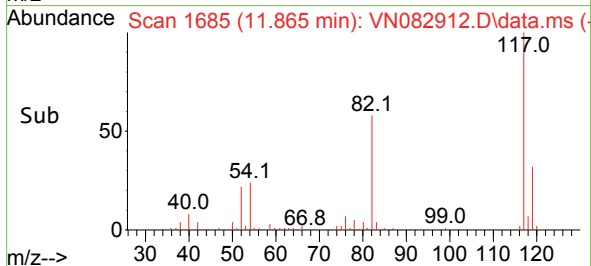


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

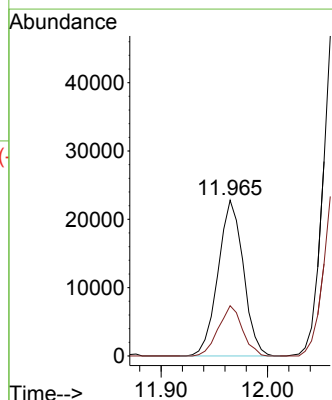
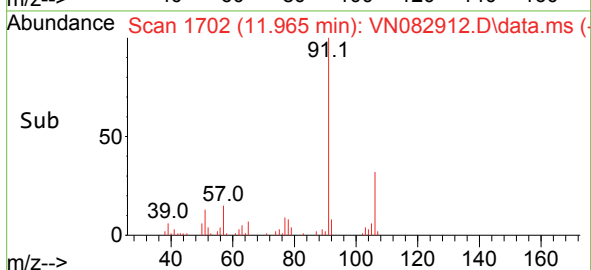
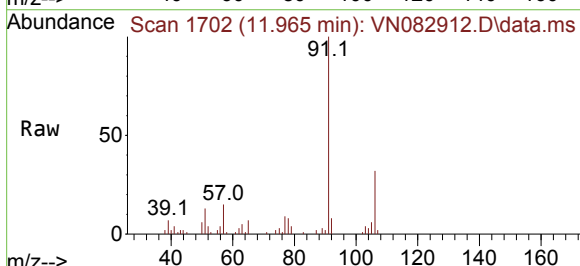


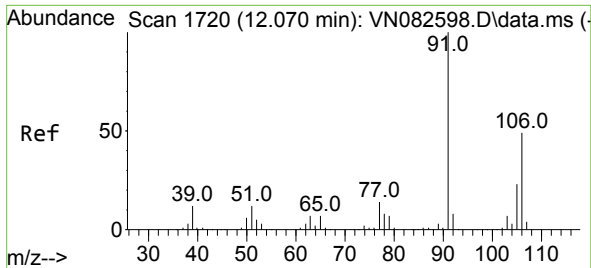
Tgt Ion:117 Resp: 207406
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 5.032 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion: 91 Resp: 37586
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0

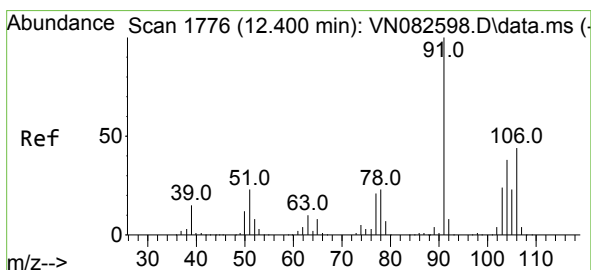
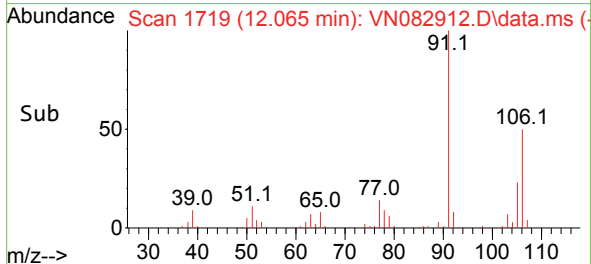
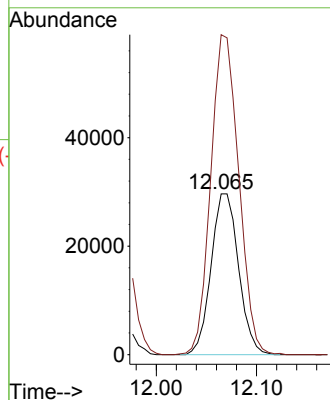
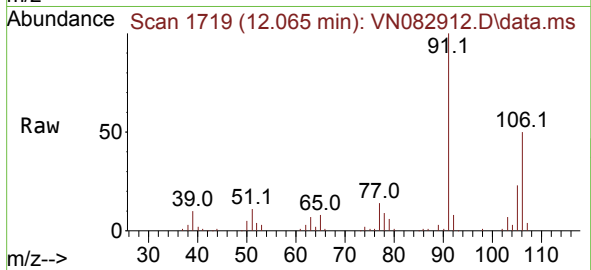




#68
m/p-Xylenes
Concen: 19.963 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.005 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

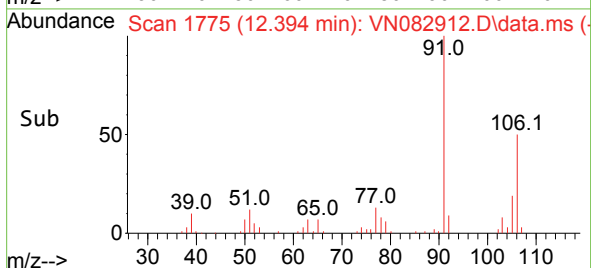
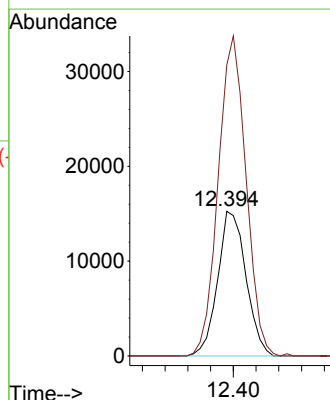
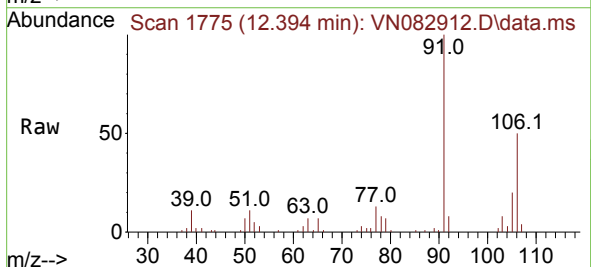
Instrument :
MSVOA_N
ClientSampleId :

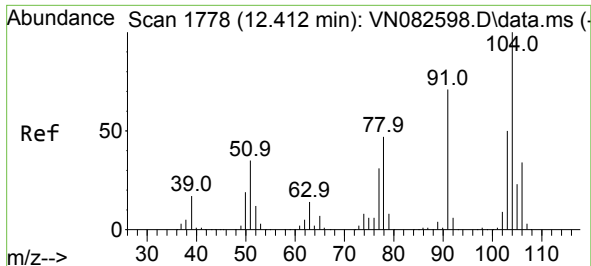
Tgt Ion:106 Resp: 56297
Ion Ratio Lower Upper
106 100
91 203.1 166.1 249.1



#69
o-Xylene
Concen: 9.764 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:106 Resp: 26385
Ion Ratio Lower Upper
106 100
91 217.8 111.3 333.9

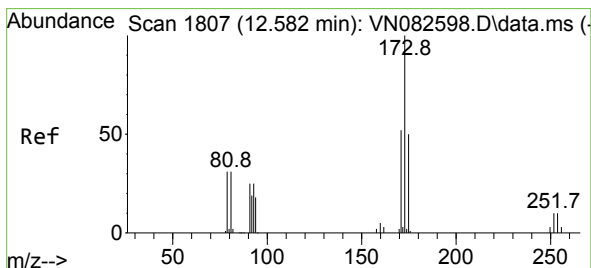
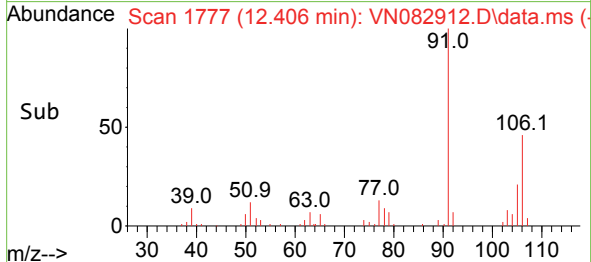
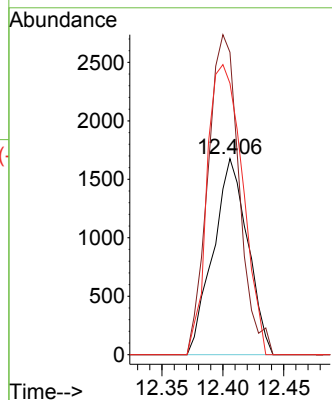
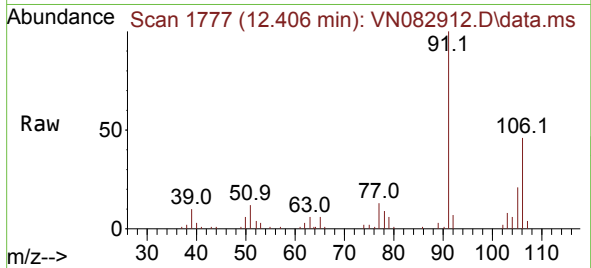




#70
Styrene
Concen: 0.741 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

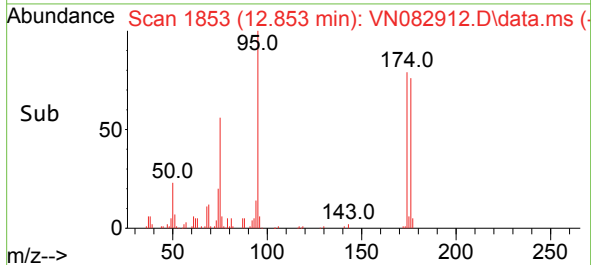
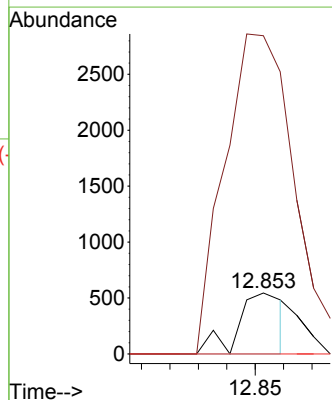
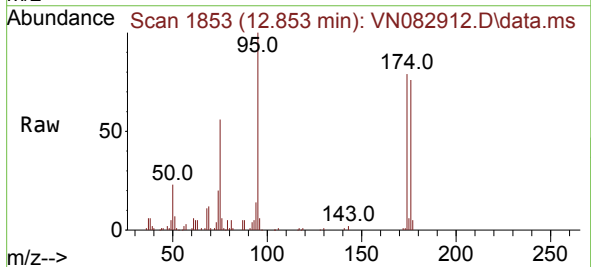
Instrument :
MSVOA_N
ClientSampleId :

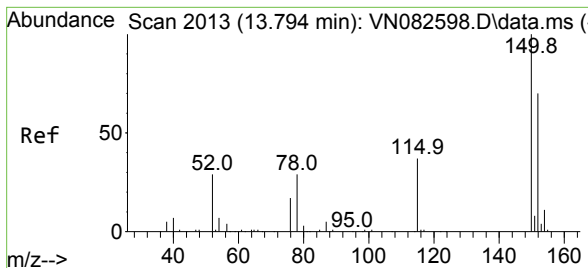
Tgt Ion:104 Resp: 3309
Ion Ratio Lower Upper
104 100
78 148.5 41.6 62.4#
103 151.7 44.0 66.0#



#71
Bromoform
Concen: 0.489 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

Tgt Ion:173 Resp: 608
Ion Ratio Lower Upper
173 100
175 661.3 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: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

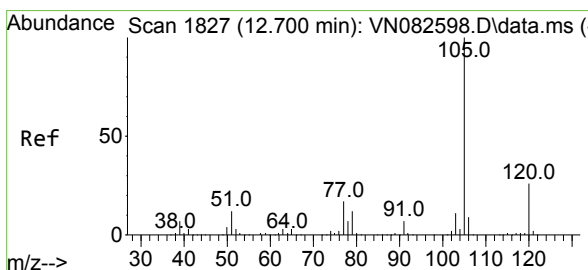
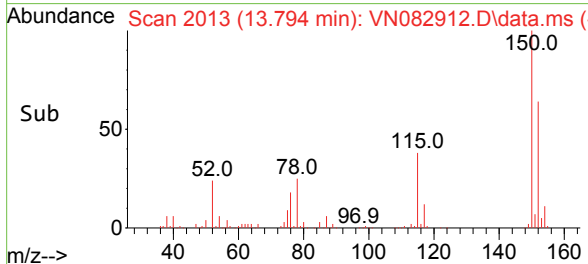
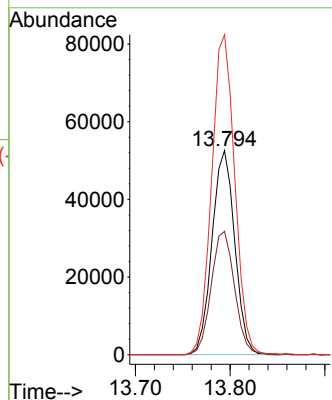
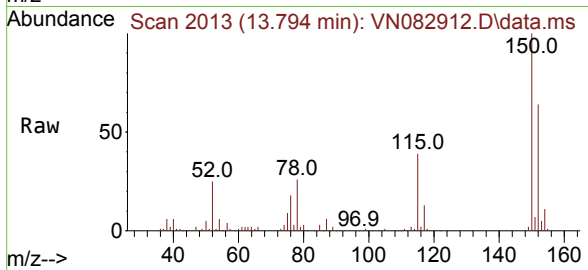
Tgt Ion:152 Resp: 87797

Ion Ratio Lower Upper

152 100

115 61.9 30.6 91.6

150 159.2 0.0 348.6



#73

Isopropylbenzene

Concen: 0.228 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082912.D

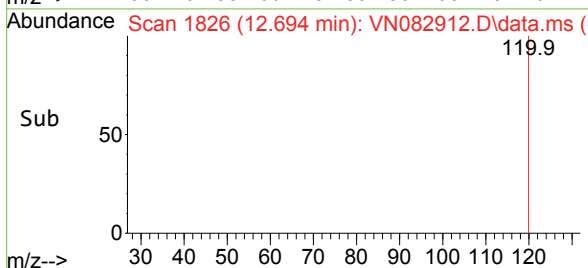
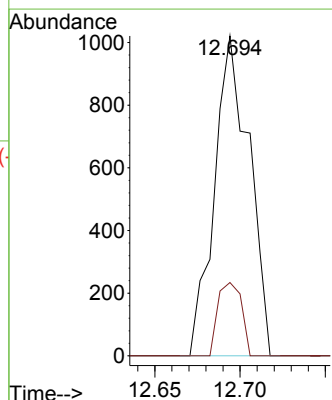
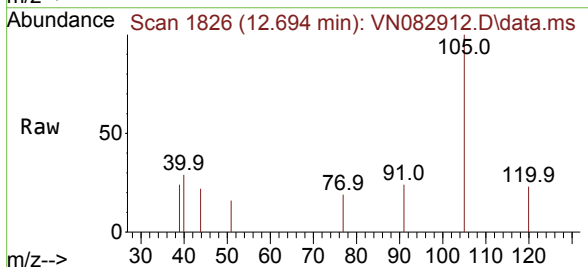
Acq: 12 Jul 2024 20:19

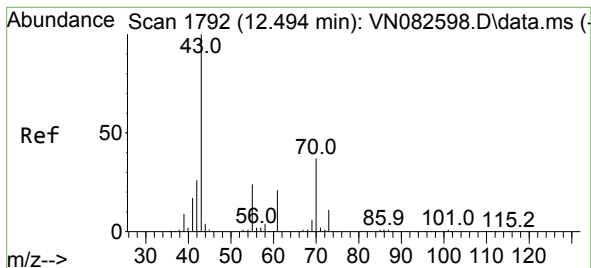
Tgt Ion:105 Resp: 1453

Ion Ratio Lower Upper

105 100

120 15.5 12.9 38.6





#74

N-amy1 acetate

Concen: 2.723 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

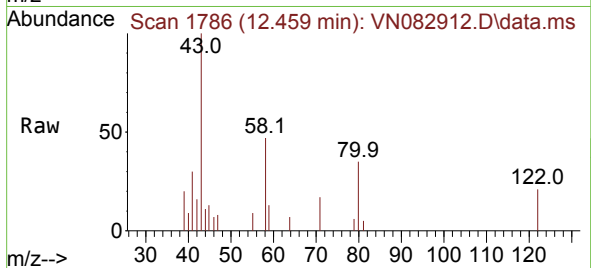
Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 7187

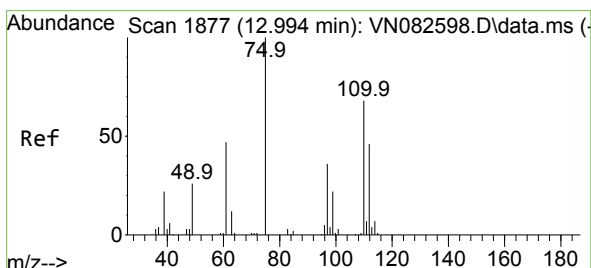
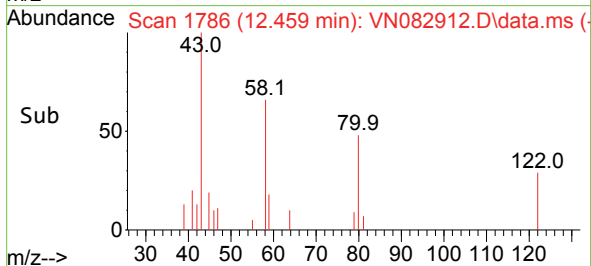
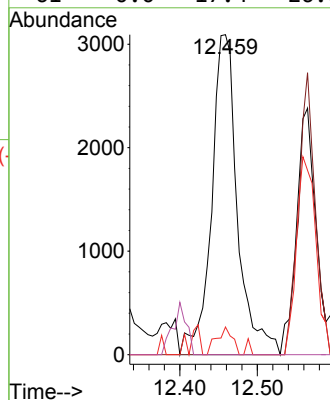
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.6#

55 5.2 18.7 28.1#

61 0.0 17.4 26.0#



#76

1,2,3-Trichloropropane

Concen: 31.212 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN082912.D

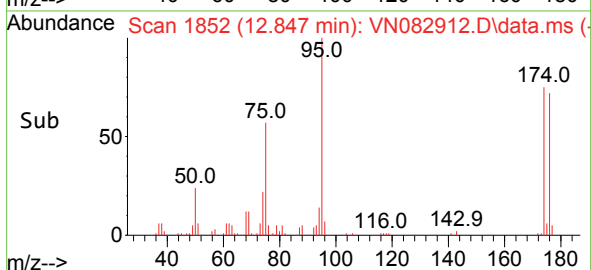
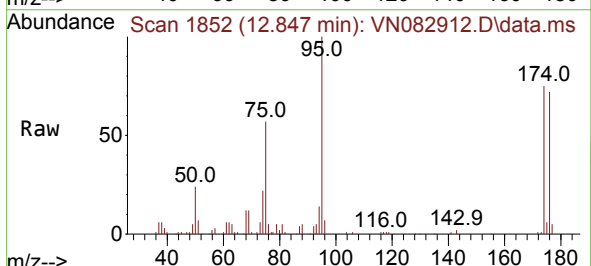
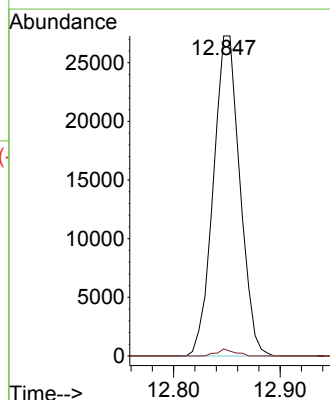
Acq: 12 Jul 2024 20:19

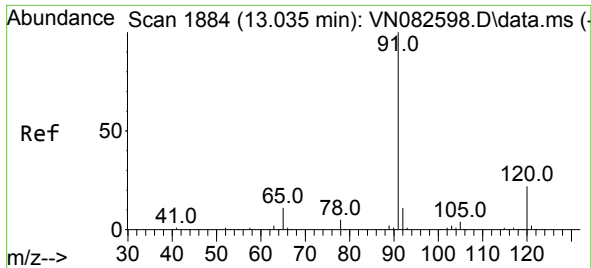
Tgt Ion: 75 Resp: 47244

Ion Ratio Lower Upper

75 100

77 1.5 110.9 332.6#

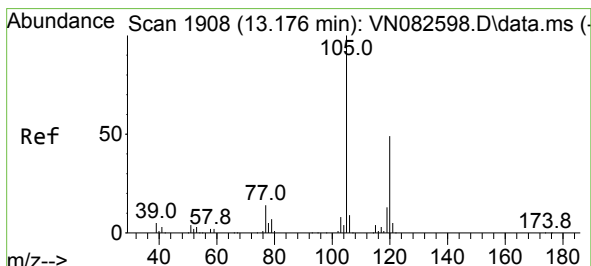
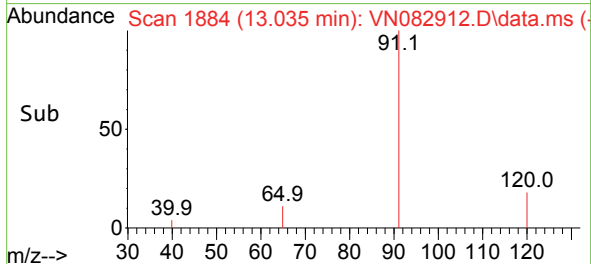
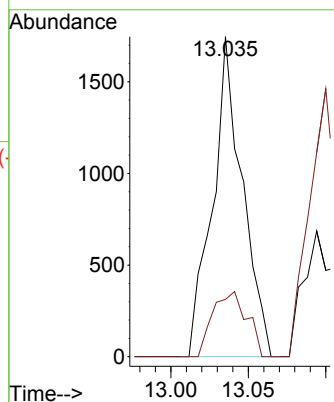
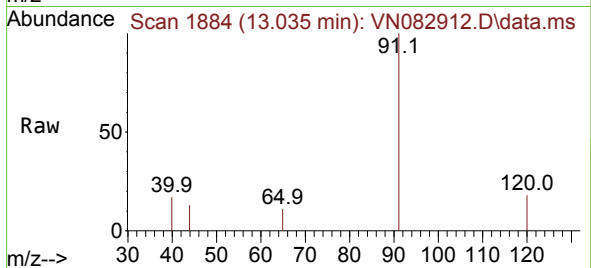




#78
n-propylbenzene
Concen: 0.318 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

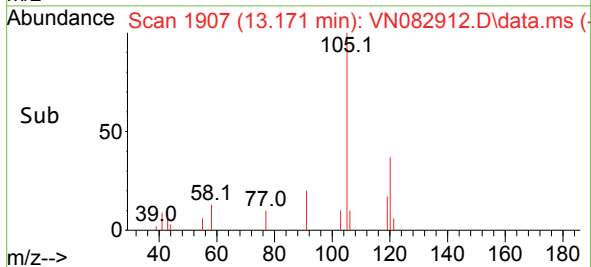
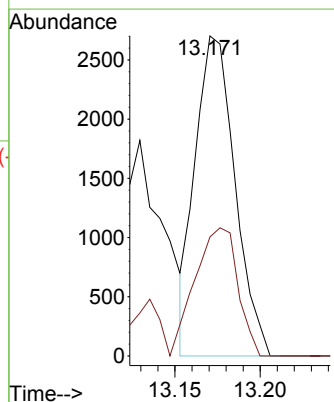
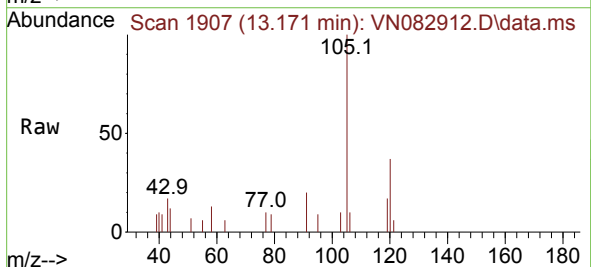
Instrument :
MSVOA_N
ClientSampleId :

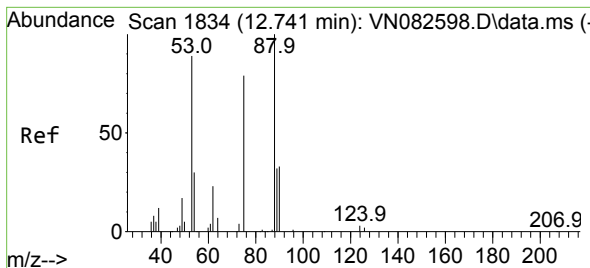
Tgt Ion: 91 Resp: 2333
Ion Ratio Lower Upper
91 100
120 23.4 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 0.848 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.005 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

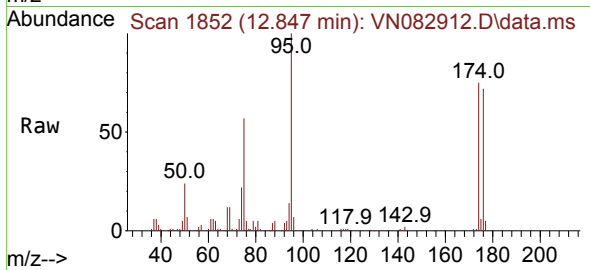
Tgt Ion: 105 Resp: 4374
Ion Ratio Lower Upper
105 100
120 43.3 24.3 72.8



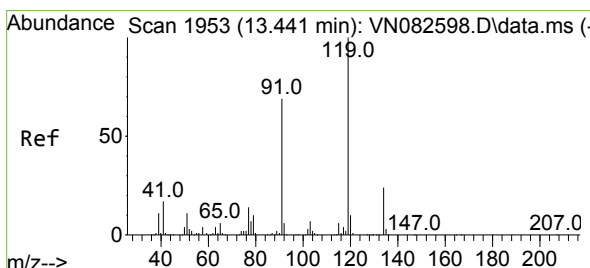
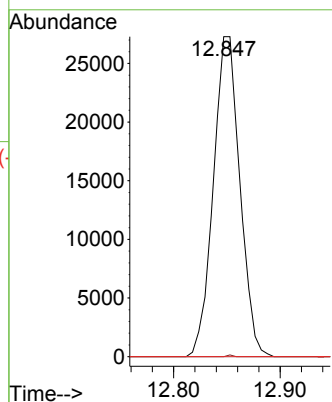
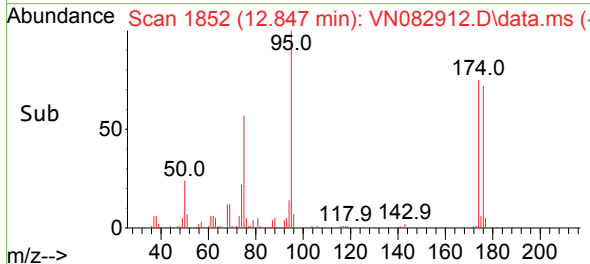


#81
trans-1,4-Dichloro-2-butene
Concen: 61.384 ug/l
RT: 12.847 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19

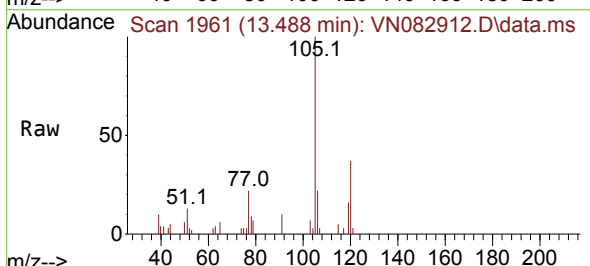
Instrument :
MSVOA_N
ClientSampleId :



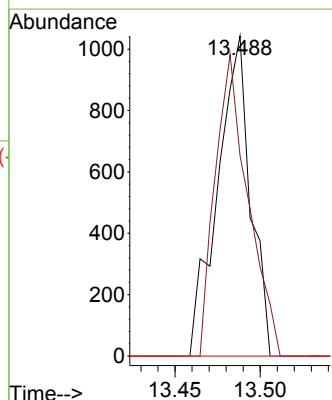
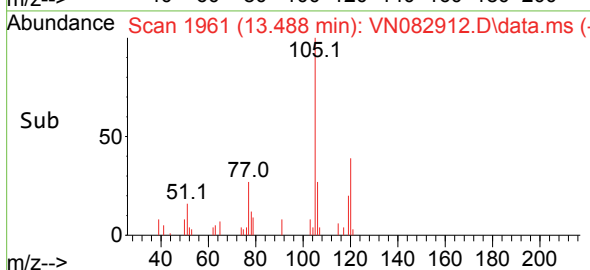
Tgt Ion: 75 Resp: 47244
Ion Ratio Lower Upper
75 100
53 0.1 88.4 132.6#
89 0.0 36.3 54.5#

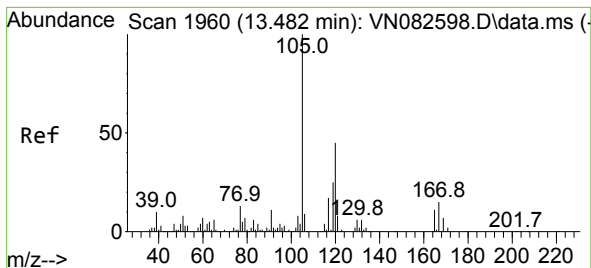


#83
tert-Butylbenzene
Concen: 0.307 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.047 min
Lab File: VN082912.D
Acq: 12 Jul 2024 20:19



Tgt Ion: 119 Resp: 1404
Ion Ratio Lower Upper
119 100
91 94.2 35.0 105.1
134 0.0 13.3 39.8#





#84

1,2,4-Trimethylbenzene

Concen: 2.435 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082912.D

Acq: 12 Jul 2024 20:19

Instrument :

MSVOA_N

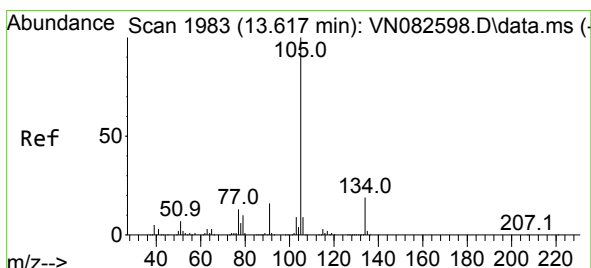
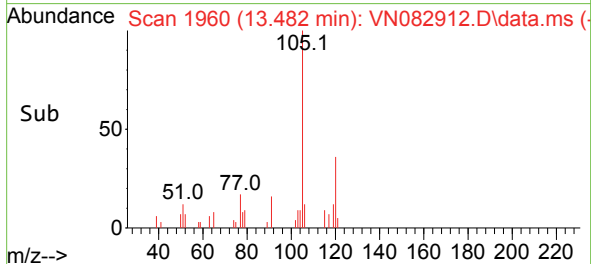
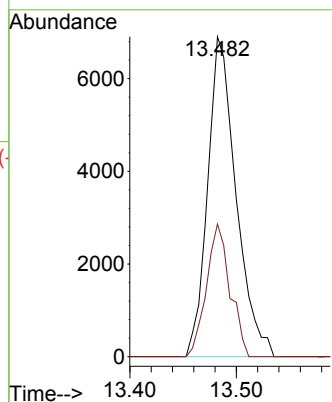
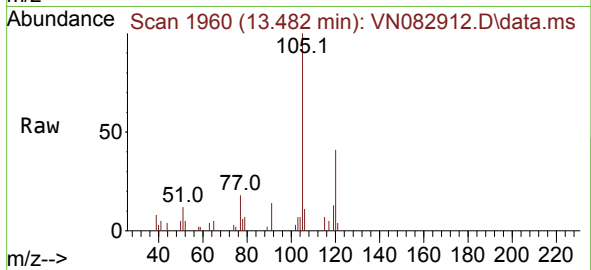
ClientSampleId :

Tgt Ion:105 Resp: 12796

Ion Ratio Lower Upper

105 100

120 34.3 21.9 65.8



#85

sec-Butylbenzene

Concen: 2.071 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN082912.D

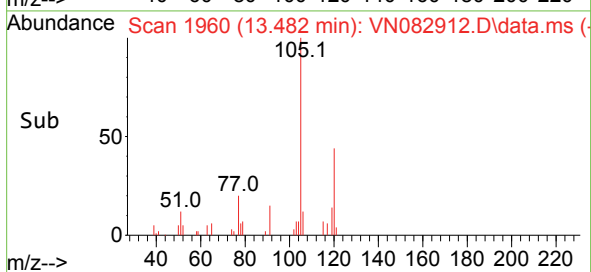
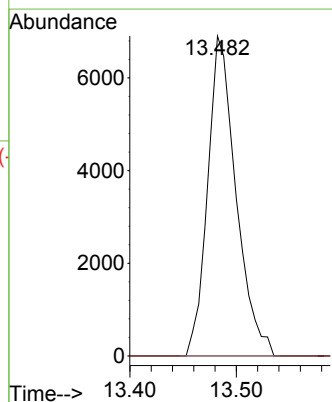
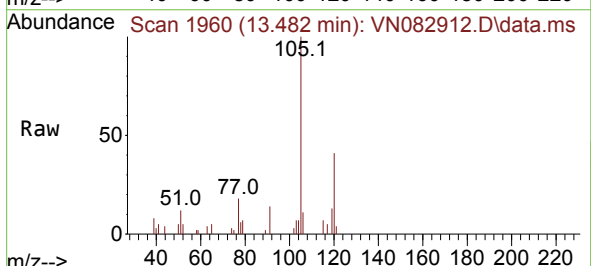
Acq: 12 Jul 2024 20:19

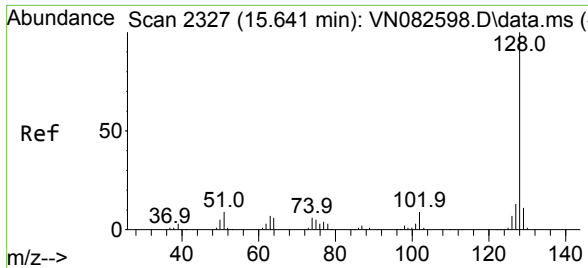
Tgt Ion:105 Resp: 12796

Ion Ratio Lower Upper

105 100

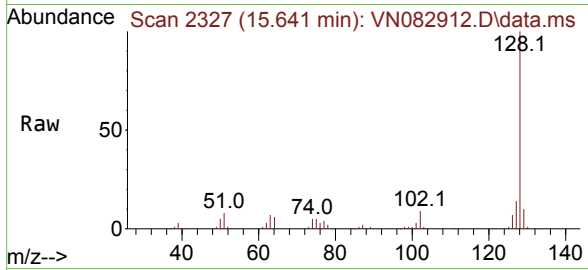
134 0.0 9.8 29.3#





#95
 Naphthalene
 Concen: 53.348 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082912.D
 Acq: 12 Jul 2024 20:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 284123

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.8	8.6	12.8

