

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082960.D
 Acq On : 17 Jul 2024 13:58
 Operator : JC\MD
 Sample : P3246-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 18 05:23:54 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)

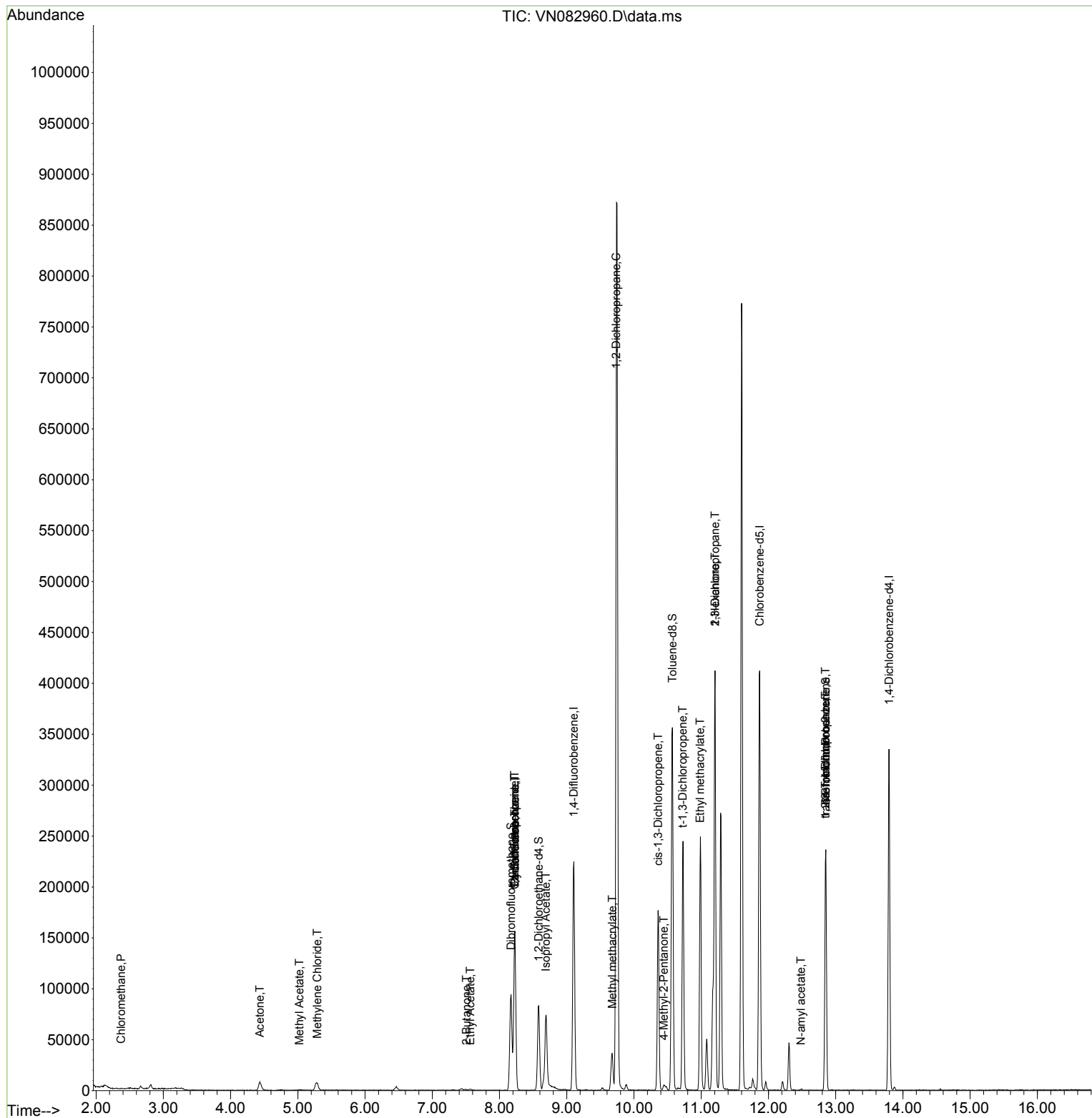
Internal Standards						
1) Pentafluorobenzene	8.230	168	108509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	235136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	68197	44.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.660%
35) Dibromofluoromethane	8.171	113	66477	54.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.820%
50) Toluene-d8	10.571	98	246472	55.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.853	95	77614	48.326	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	313	0.235	ug/l #	43
16) Acetone	4.436	43	16285	30.409	ug/l	95
18) Methyl Acetate	5.024	43	819	0.578	ug/l #	56
20) Methylene Chloride	5.289	84	6180	4.778	ug/l #	79
25) 2-Butanone	7.506	43	1509	1.866	ug/l #	53
31) Cyclohexane	8.230	56	2995	1.506	ug/l #	7
36) 1,1-Dichloropropene	8.224	75	9663	5.790	ug/l #	49
37) Ethyl Acetate	7.565	43	2128	1.252	ug/l #	72
38) Carbon Tetrachloride	8.224	117	12118	6.030	ug/l #	19
43) Isopropyl Acetate	8.688	43	91166	27.094	ug/l #	90
45) 1,2-Dichloropropane	9.735	63	1137	0.949	ug/l #	44
48) Methyl methacrylate	9.676	41	2605	1.955	ug/l #	53
51) 4-Methyl-2-Pentanone	10.447	43	6712	3.984	ug/l #	70
53) t-1,3-Dichloropropene	10.723	75	527	0.265	ug/l #	58
54) cis-1,3-Dichloropropene	10.359	75	29281	13.918	ug/l #	61
56) Ethyl methacrylate	10.982	69	1335	0.728	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4234	2.028	ug/l #	43
59) 2-Hexanone	11.206	43	56466	45.084	ug/l #	57
71) Bromoform	12.853	173	713	0.506	ug/l #	1
74) N-amyl acetate	12.482	43	600	0.227	ug/l #	46
76) 1,2,3-Trichloropropane	12.847	75	42282	27.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	42282	54.873	ug/l #	6

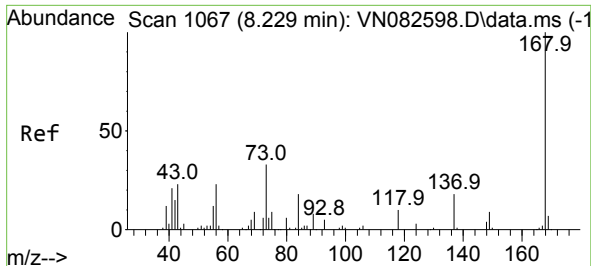
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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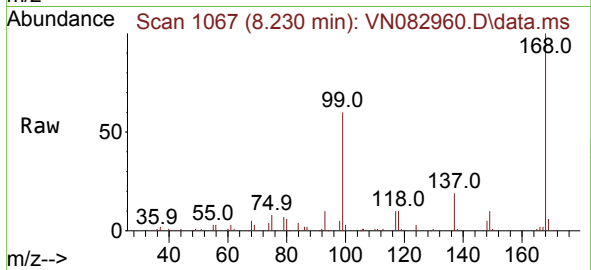
Quant Time: Jul 18 05:23:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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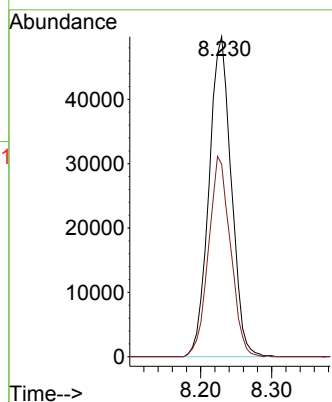
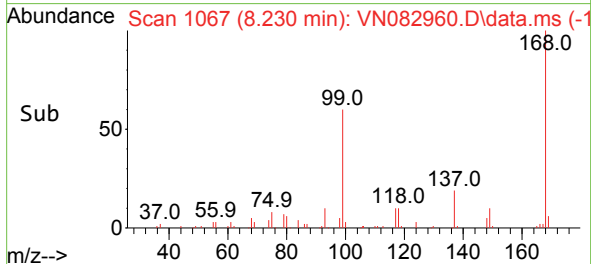


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :

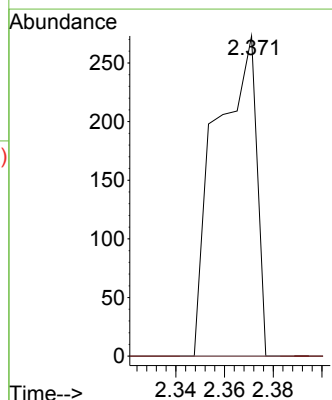
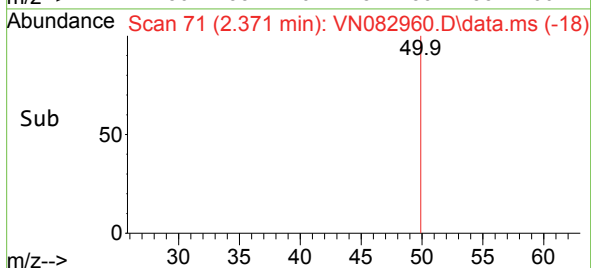
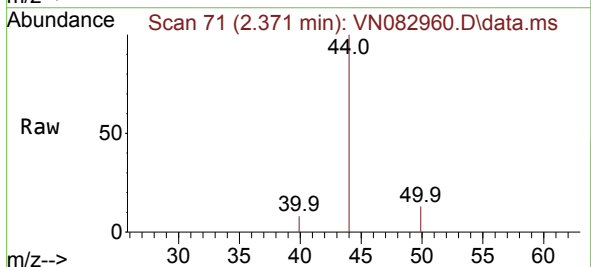


Tgt Ion:168 Resp: 108509
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.235 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

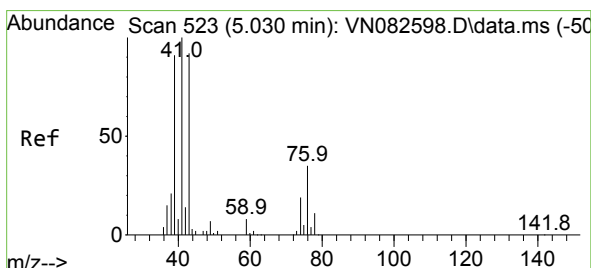
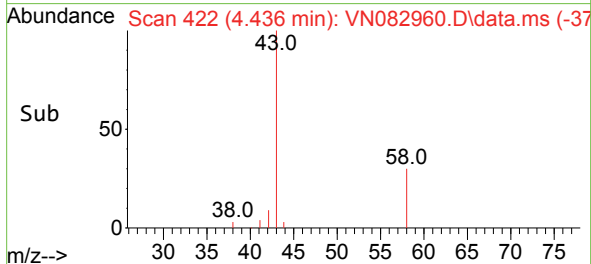
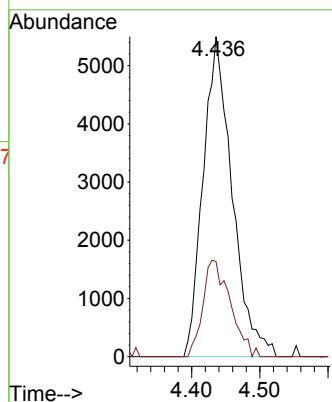
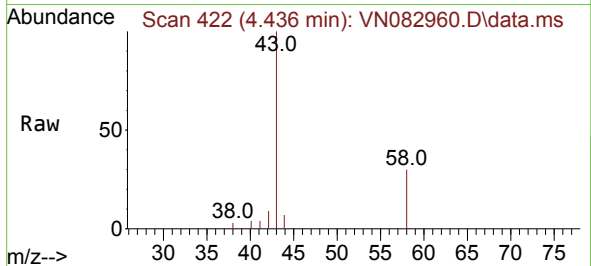




#16
Acetone
Concen: 30.409 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

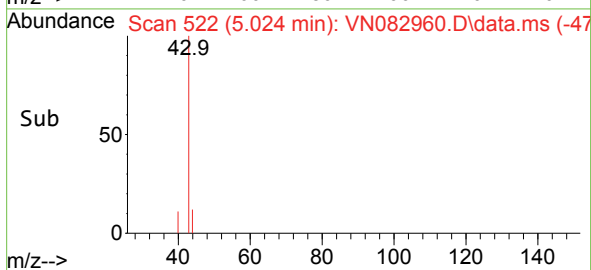
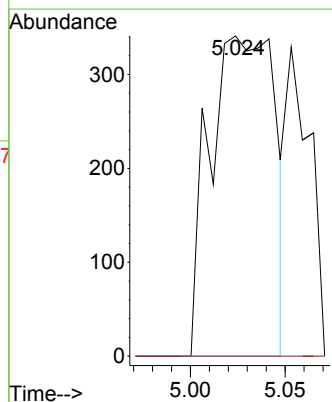
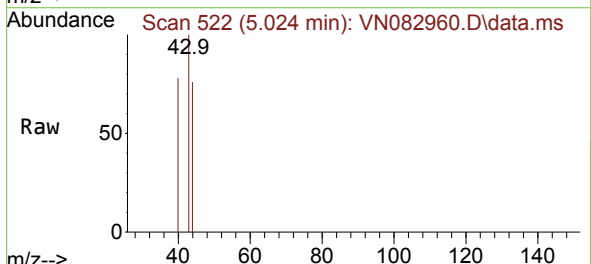
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 16285
Ion Ratio Lower Upper
43 100
58 29.8 21.8 32.6



#18
Methyl Acetate
Concen: 0.578 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

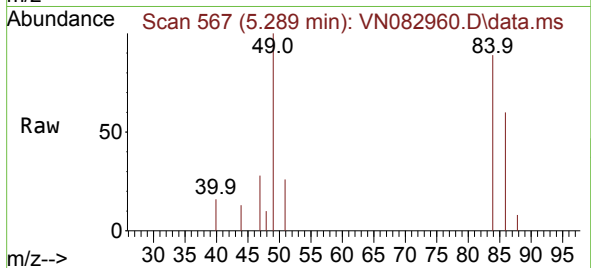
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



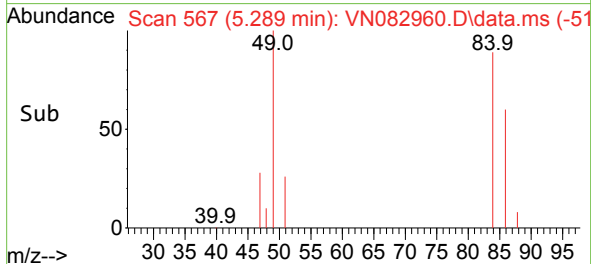
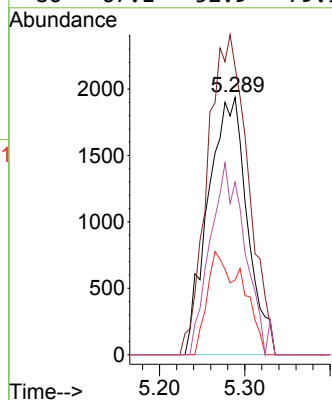


#20
Methylene Chloride
Concen: 4.778 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :

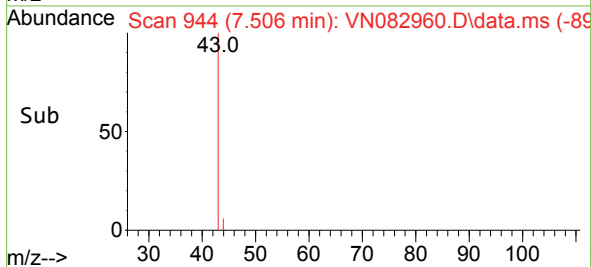
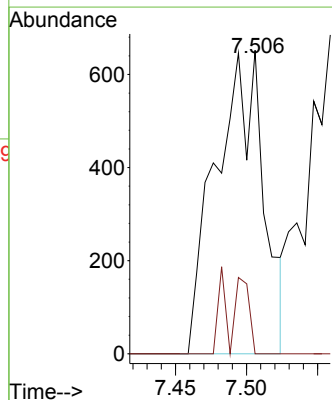
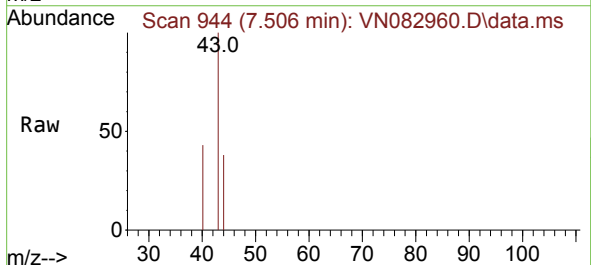


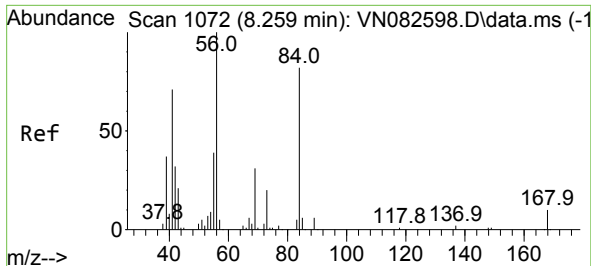
Tgt Ion: 84 Resp: 6180
Ion Ratio Lower Upper
84 100
49 111.9 119.6 179.4#
51 29.1 34.8 52.2#
86 67.1 52.9 79.3



#25
2-Butanone
Concen: 1.866 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.018 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

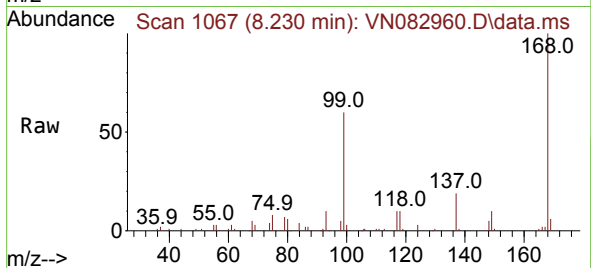
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



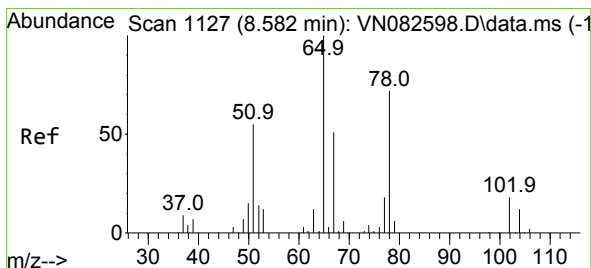
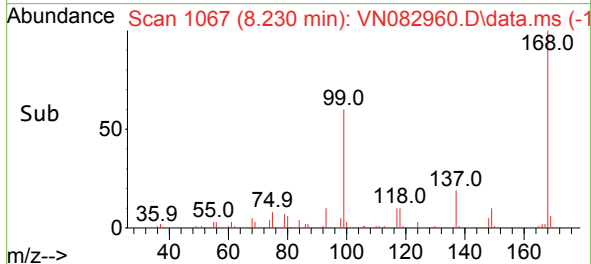
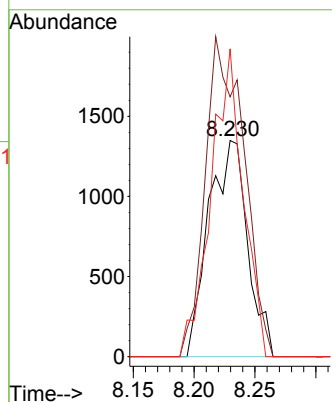


#31
Cyclohexane
Concen: 1.506 ug/l
RT: 8.230 min Scan# 1072
Delta R.T. -0.029 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
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ClientSampleId :

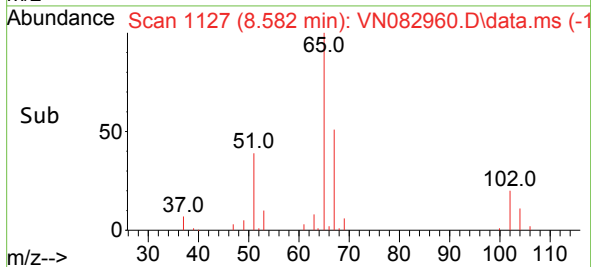
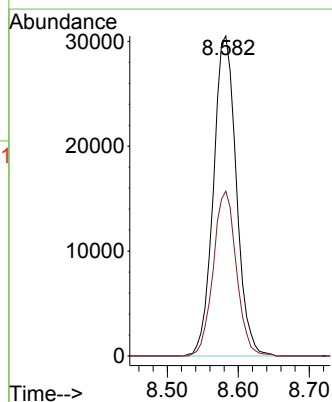
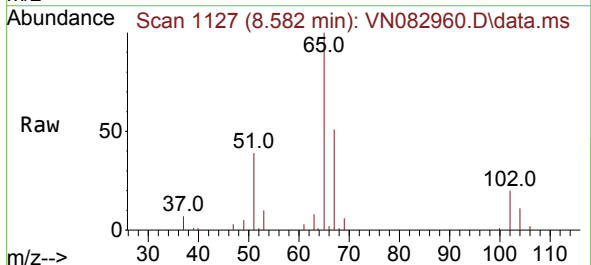


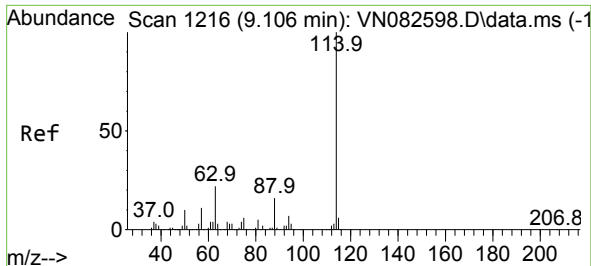
Tgt Ion: 56 Resp: 2995
Ion Ratio Lower Upper
56 100
69 120.2 24.5 36.7#
84 142.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 44.835 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

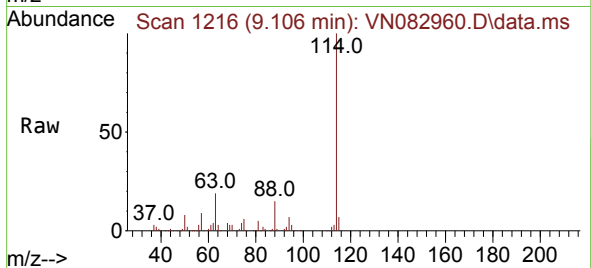
Tgt Ion: 65 Resp: 68197
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4



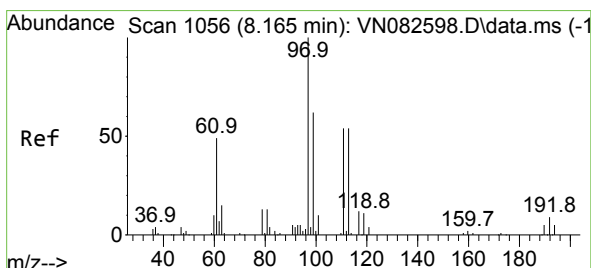
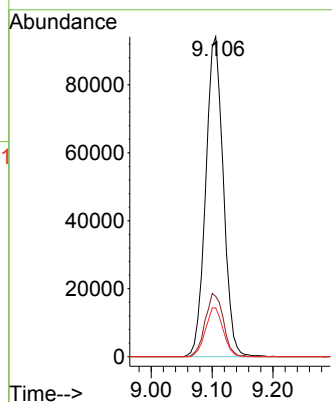
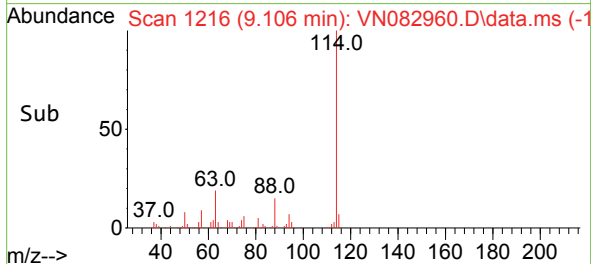


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
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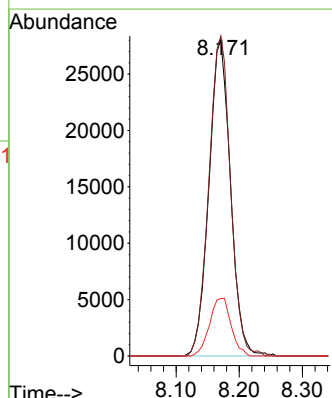
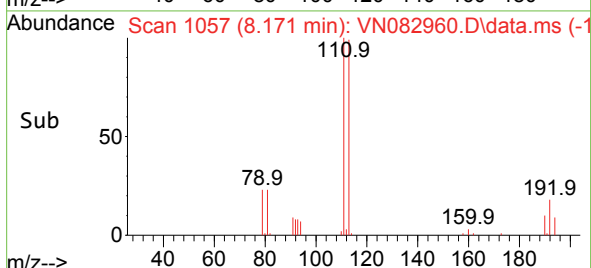
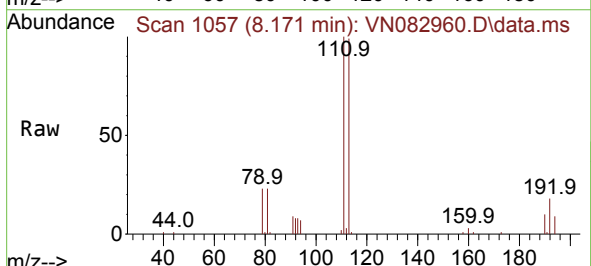


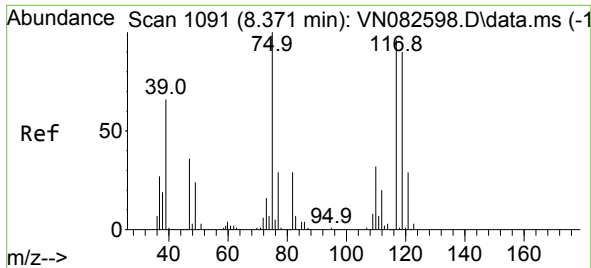
Tgt Ion:114 Resp: 188654
Ion Ratio Lower Upper
114 100
63 18.8 0.0 44.6
88 15.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.915 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

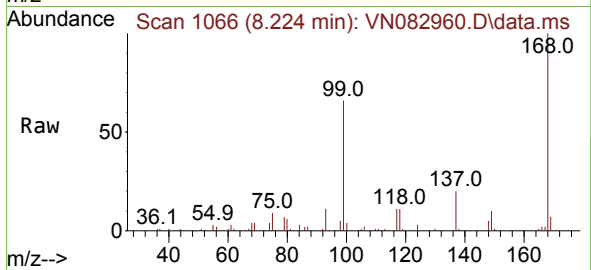
Tgt Ion:113 Resp: 66477
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 18.3 14.9 22.3



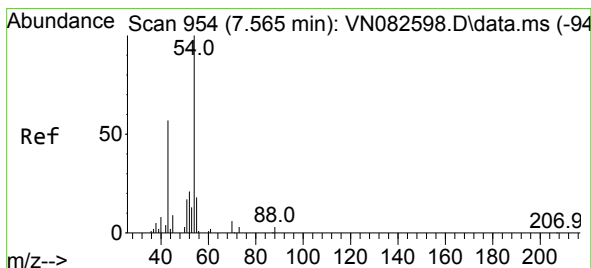
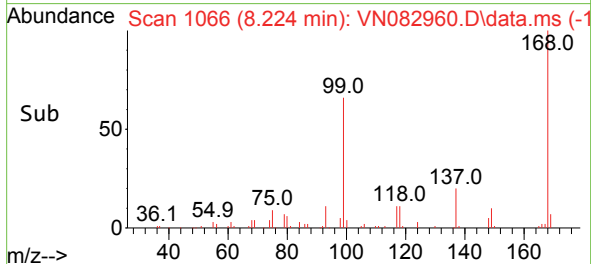
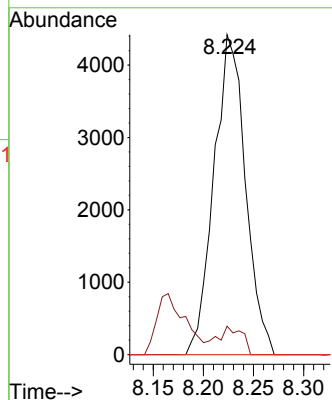


#36
1,1-Dichloropropene
Concen: 5.790 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

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ClientSampleId :

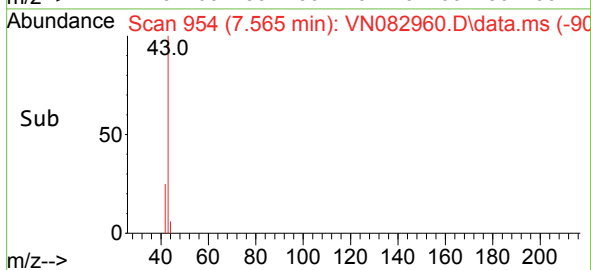
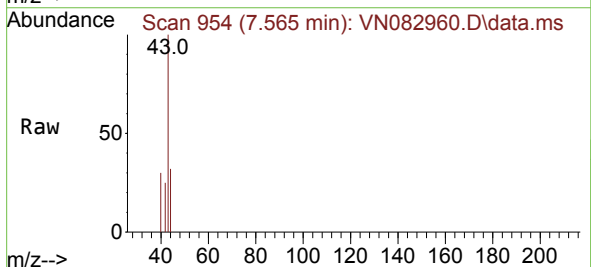
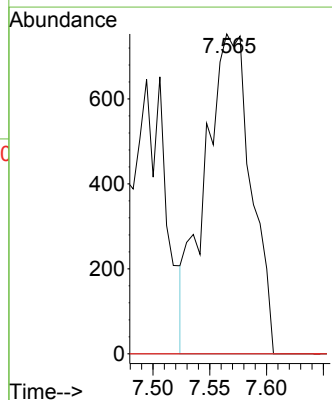


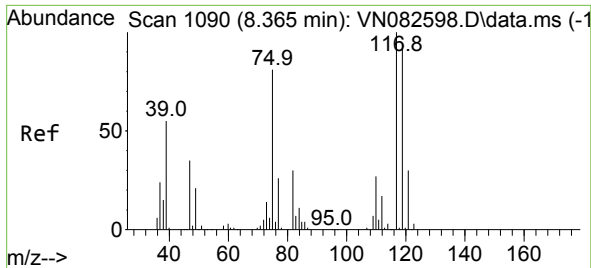
Tgt Ion: 75 Resp: 9663
Ion Ratio Lower Upper
75 100
110 6.4 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.252 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

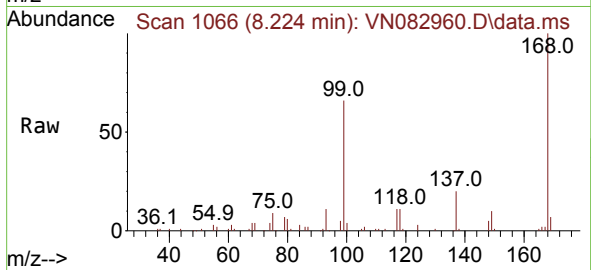
Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



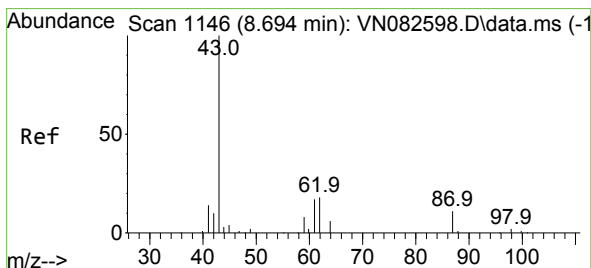
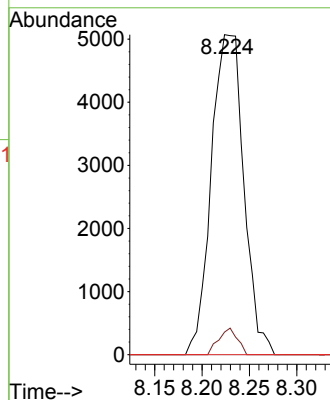
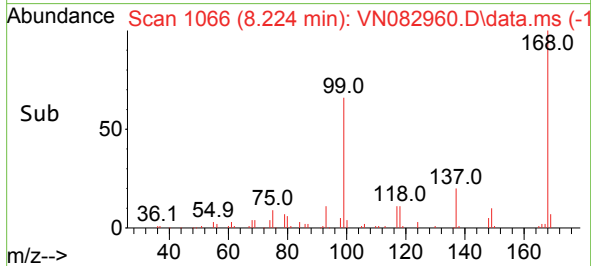


#38
Carbon Tetrachloride
Concen: 6.030 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :

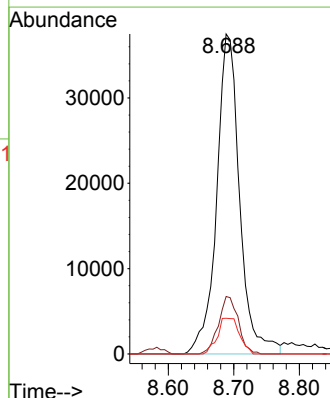
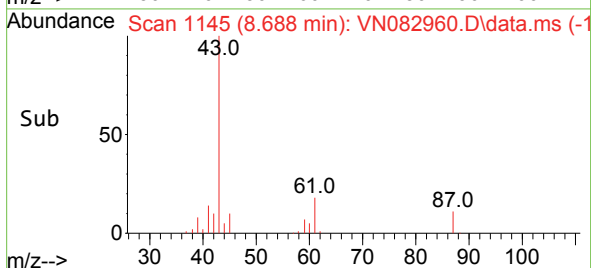
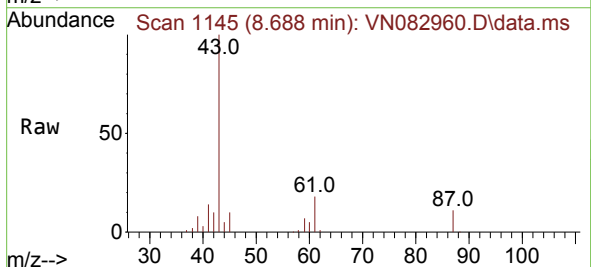


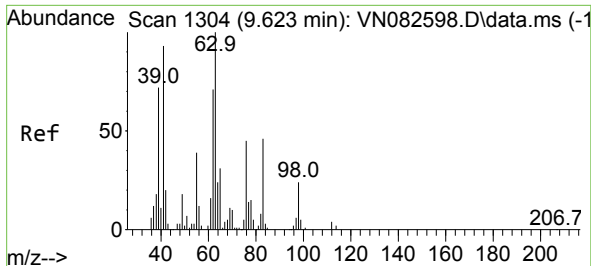
Tgt Ion:117 Resp: 12118
Ion Ratio Lower Upper
117 100
119 7.1 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 27.094 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Tgt Ion: 43 Resp: 91166
Ion Ratio Lower Upper
43 100
61 15.4 17.8 26.6#
87 10.6 8.2 12.2





#45

1,2-Dichloropropane

Concen: 0.949 ug/l

RT: 9.735 min Scan# 1137

Delta R.T. 0.112 min

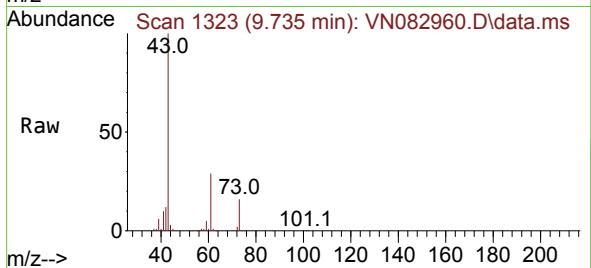
Lab File: VN082960.D

Acq: 17 Jul 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

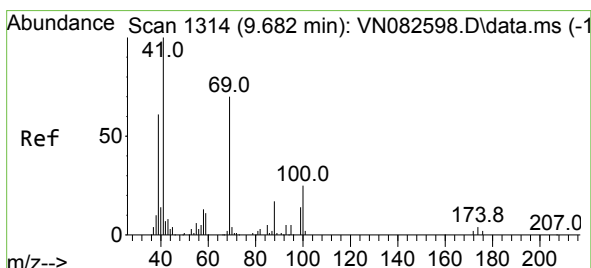
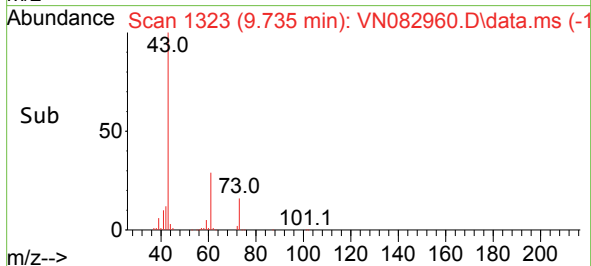
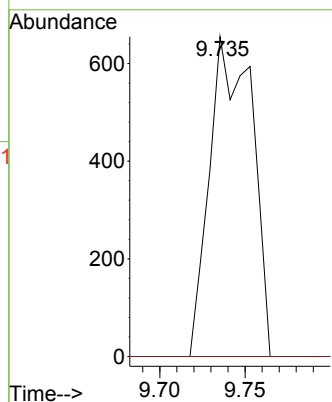


Tgt Ion: 63 Resp: 1137

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



#48

Methyl methacrylate

Concen: 1.955 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN082960.D

Acq: 17 Jul 2024 13:58

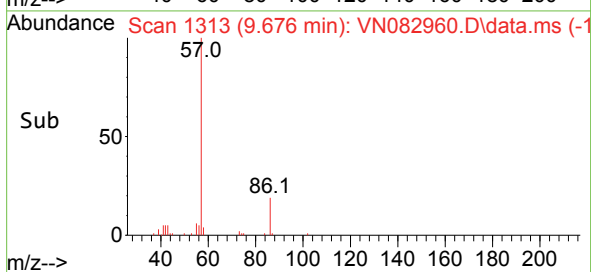
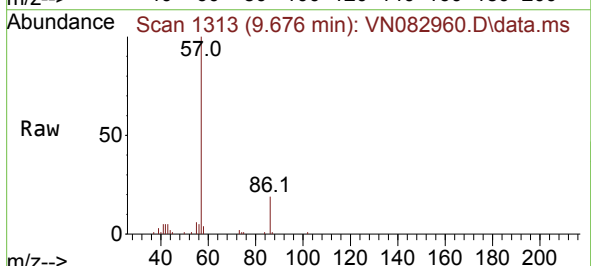
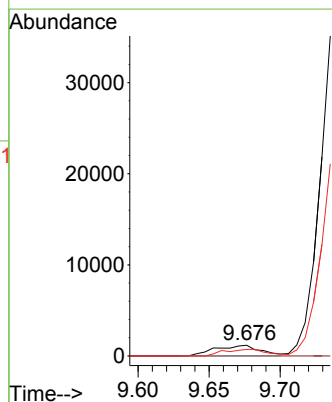
Tgt Ion: 41 Resp: 2605

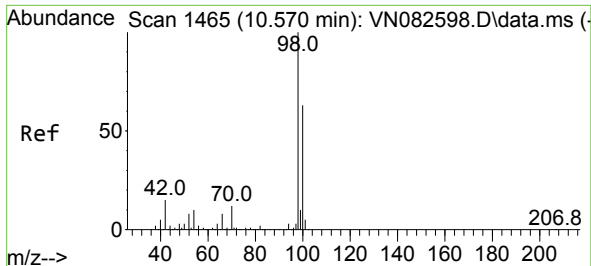
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 60.2 50.3 75.5

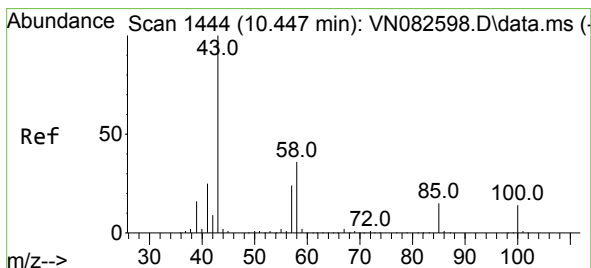
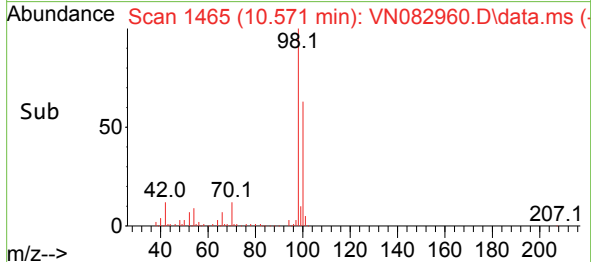
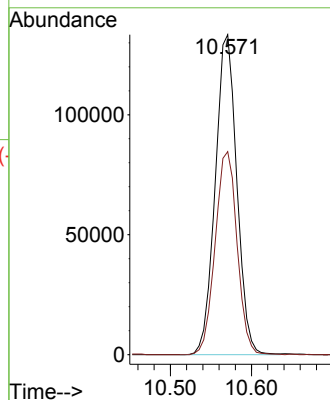
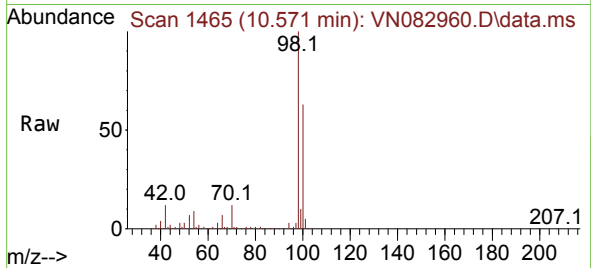




#50
Toluene-d8
Concen: 55.125 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

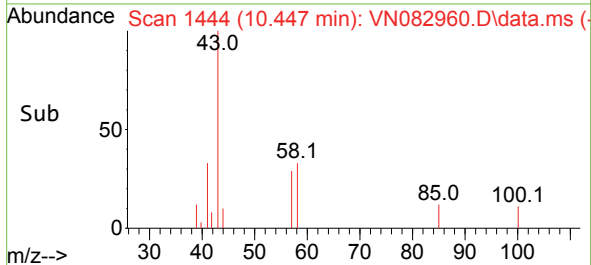
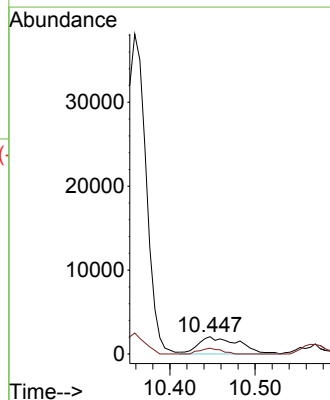
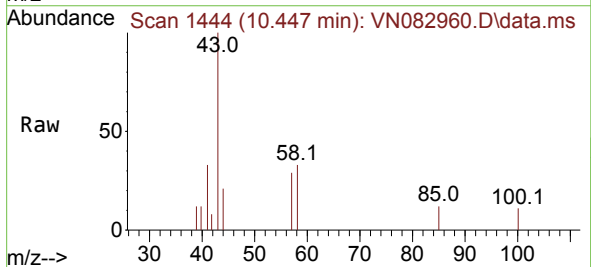
Instrument :
MSVOA_N
ClientSampleId :

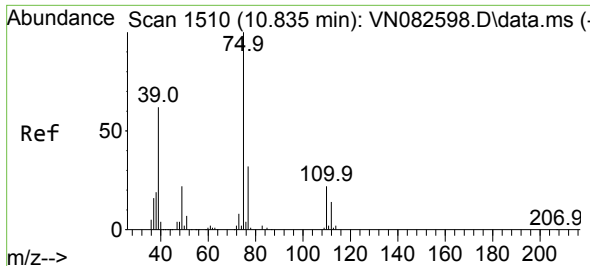
Tgt Ion: 98 Resp: 246472
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 3.984 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

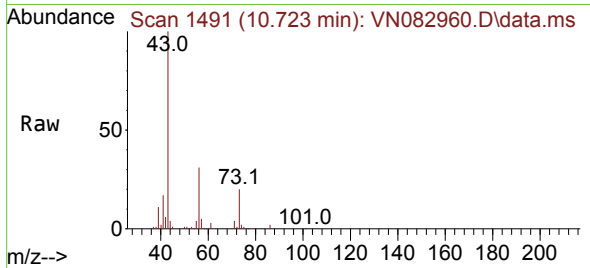
Tgt Ion: 43 Resp: 6712
Ion Ratio Lower Upper
43 100
58 17.8 28.2 42.4#



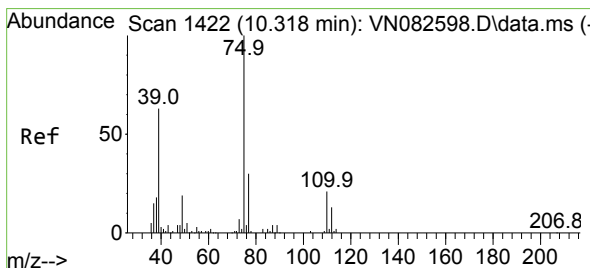
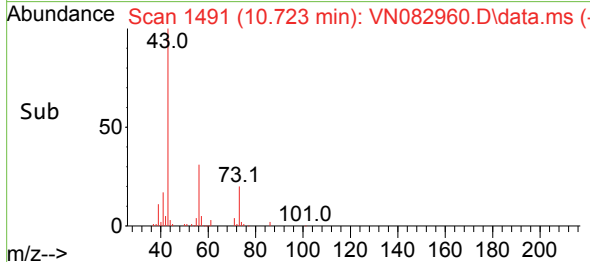
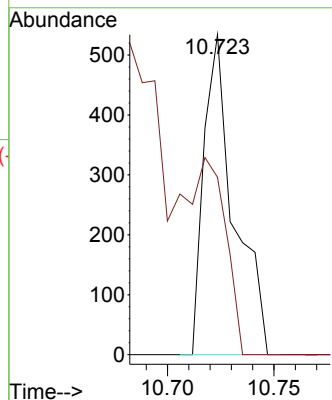


#53
 t-1,3-Dichloropropene
 Concen: 0.265 ug/l
 RT: 10.723 min Scan# 1491
 Delta R.T. -0.112 min
 Lab File: VN082960.D
 Acq: 17 Jul 2024 13:58

Instrument :
 MSVOA_N
 ClientSampleId :

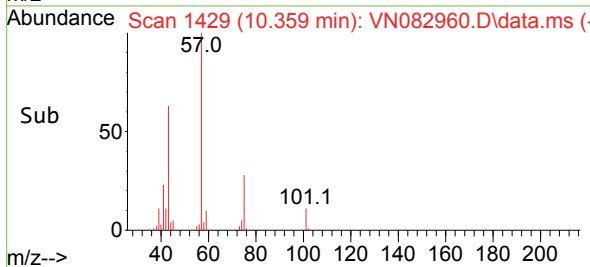
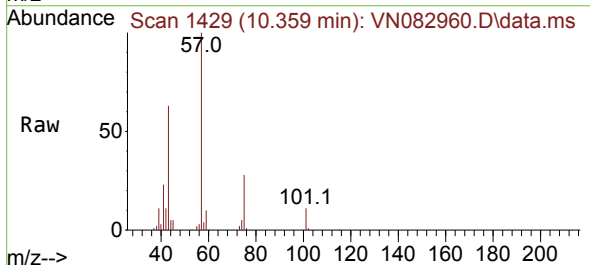
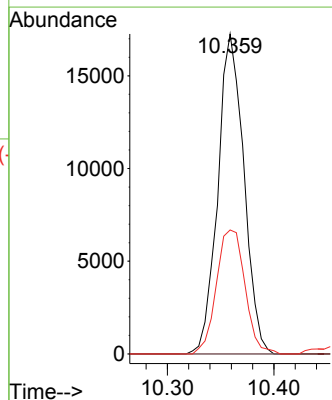


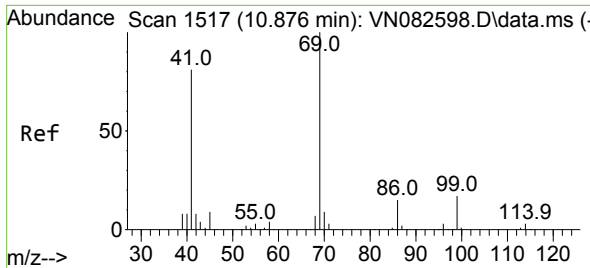
Tgt Ion: 75 Resp: 527
 Ion Ratio Lower Upper
 75 100
 77 55.4 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 13.918 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN082960.D
 Acq: 17 Jul 2024 13:58

Tgt Ion: 75 Resp: 29281
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.3 36.5#
 39 38.8 50.5 75.7#

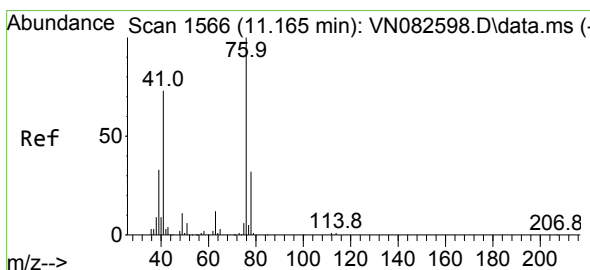
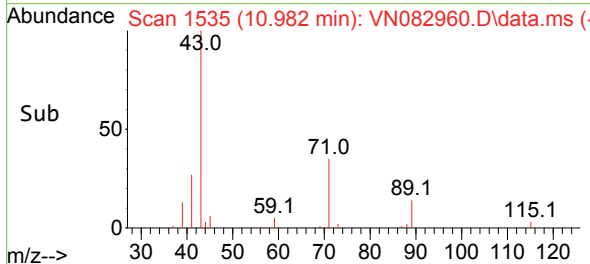
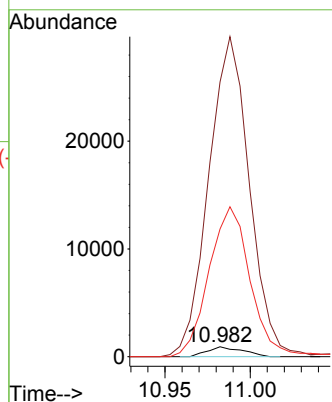
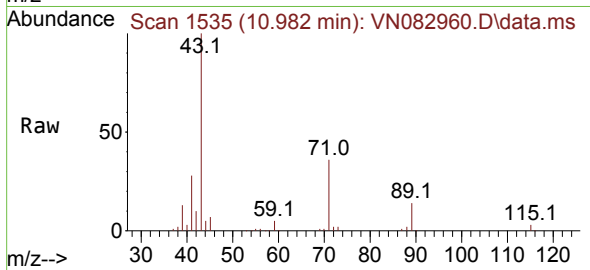




#56
Ethyl methacrylate
Concen: 0.728 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

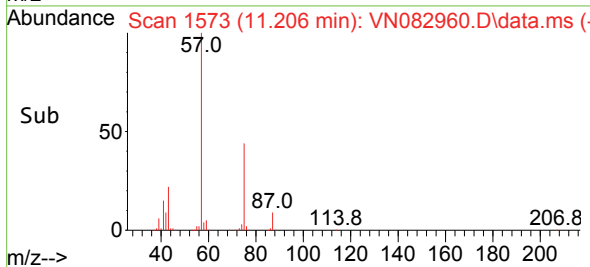
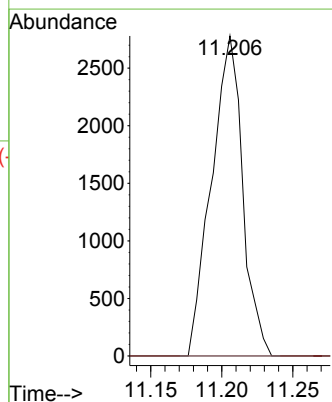
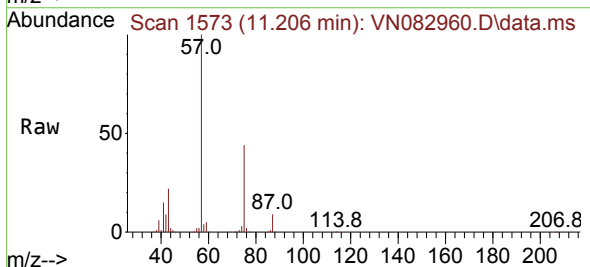
Instrument :
MSVOA_N
ClientSampleId :

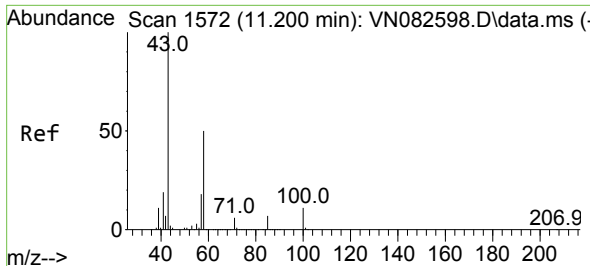
Tgt Ion: 69 Resp: 1335
Ion Ratio Lower Upper
69 100
41 3714.0 63.4 95.2#
39 1763.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 2.028 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

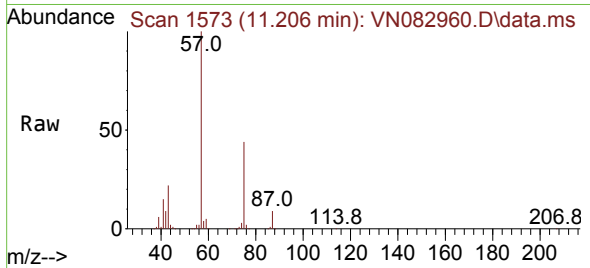
Tgt Ion: 76 Resp: 4234
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



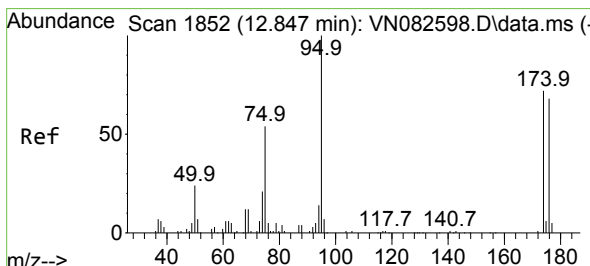
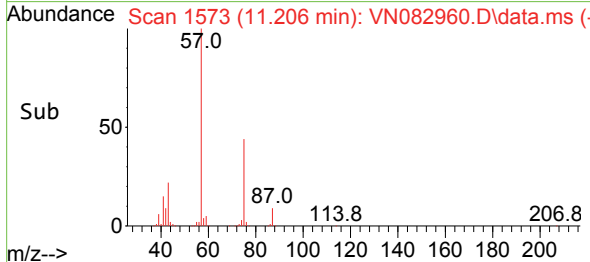
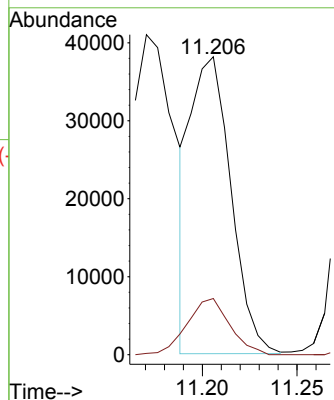


#59
2-Hexanone
Concen: 45.084 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :

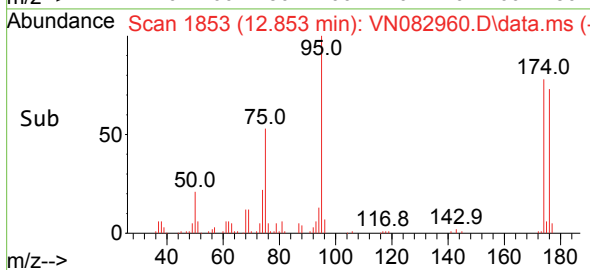
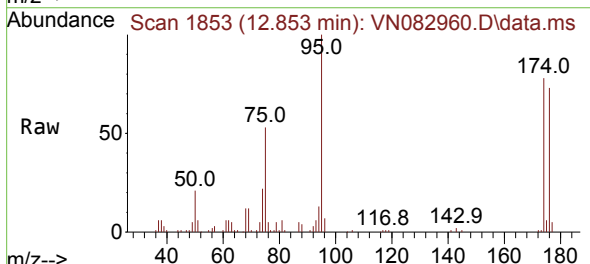
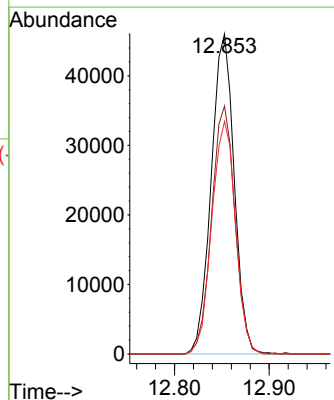


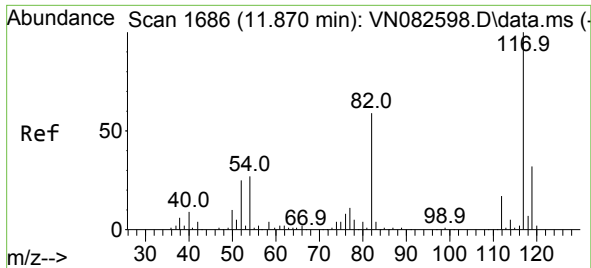
Tgt Ion: 43 Resp: 56466
Ion Ratio Lower Upper
43 100
58 20.1 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Tgt Ion: 95 Resp: 77614
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 74.7 0.0 147.6

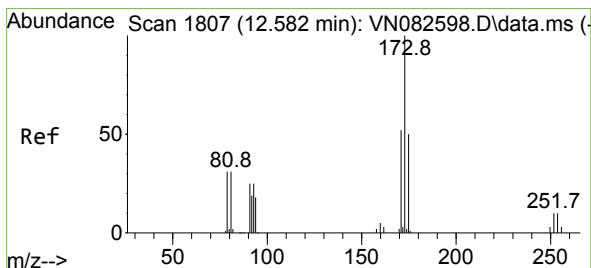
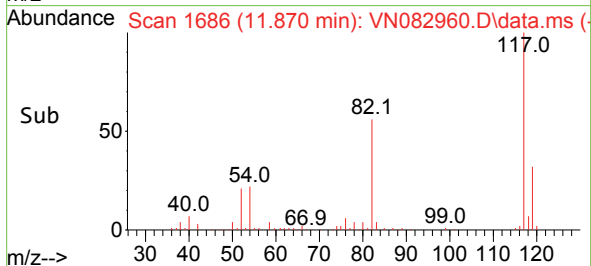
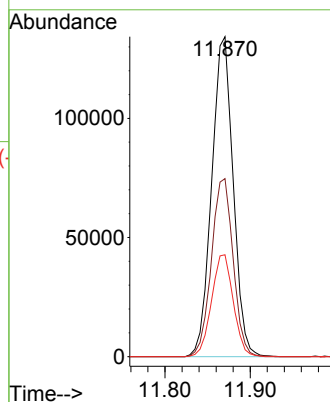
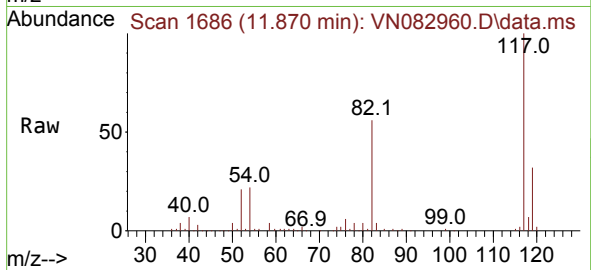




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

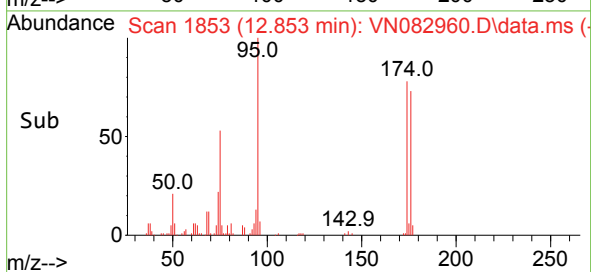
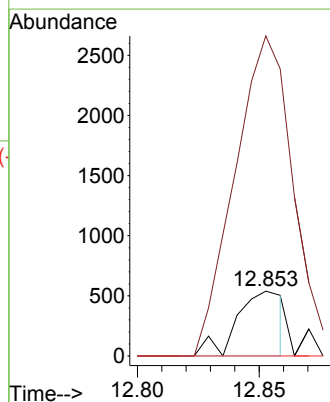
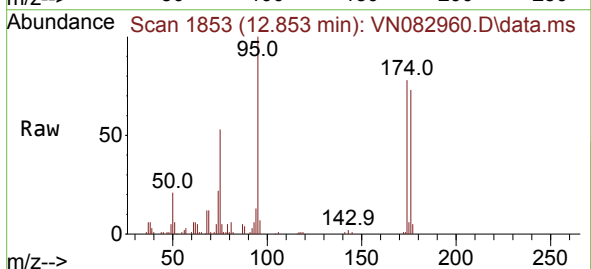
Instrument :
MSVOA_N
ClientSampleId :

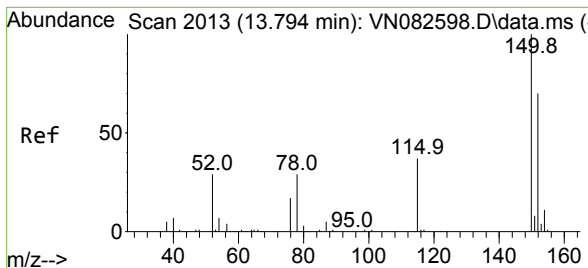
Tgt Ion:117 Resp: 235136
Ion Ratio Lower Upper
117 100
82 55.6 47.5 71.3
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.506 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Tgt Ion:173 Resp: 713
Ion Ratio Lower Upper
173 100
175 512.3 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# 2013

Delta R.T. -0.000 min

Lab File: VN082960.D

Acq: 17 Jul 2024 13:58

Instrument :

MSVOA_N

ClientSampleId :

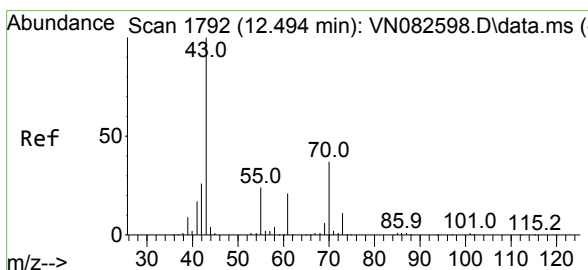
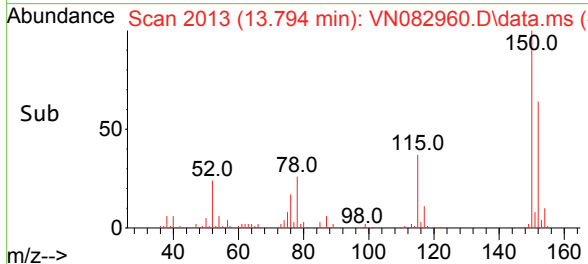
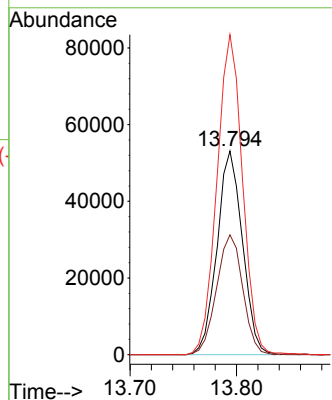
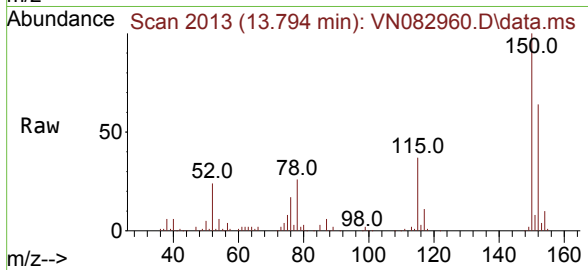
Tgt Ion:152 Resp: 87899

Ion Ratio Lower Upper

152 100

115 60.6 30.6 91.6

150 158.4 0.0 348.6



#74

N-ethyl acetate

Concen: 0.227 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.012 min

Lab File: VN082960.D

Acq: 17 Jul 2024 13:58

Tgt Ion: 43 Resp: 600

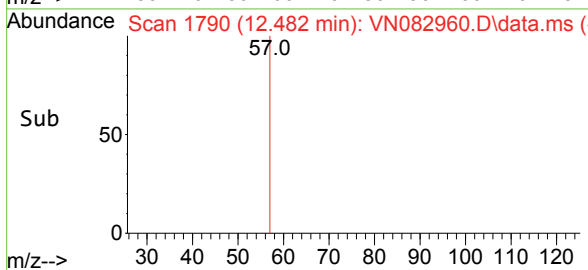
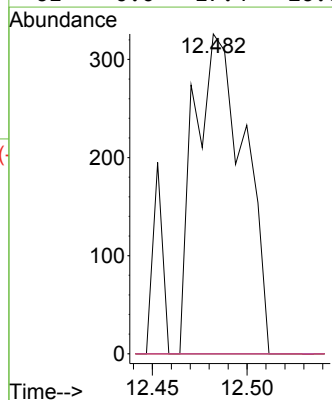
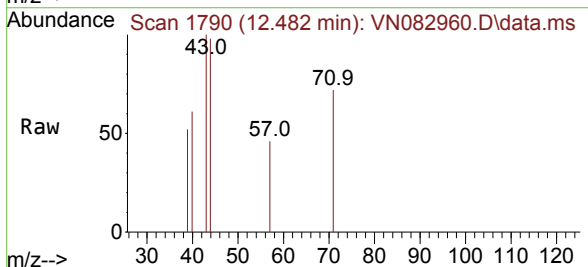
Ion Ratio Lower Upper

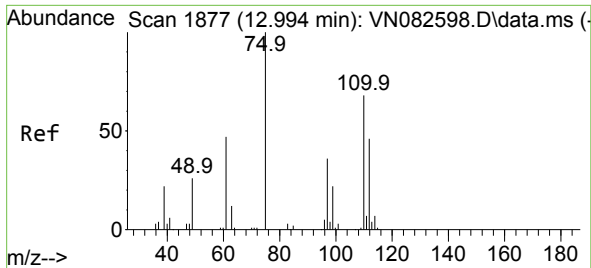
43 100

70 0.0 29.8 44.6#

55 0.0 18.7 28.1#

61 0.0 17.4 26.0#

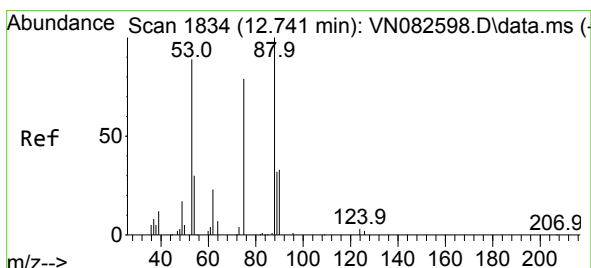
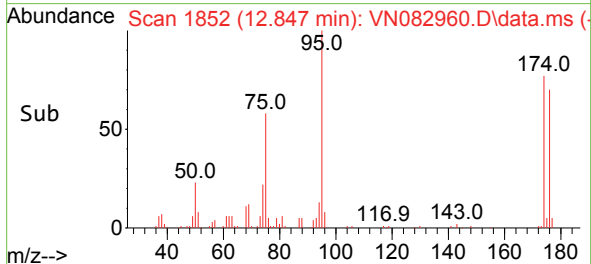
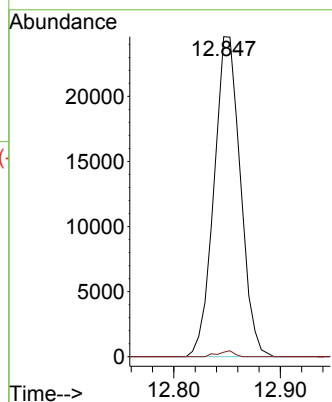
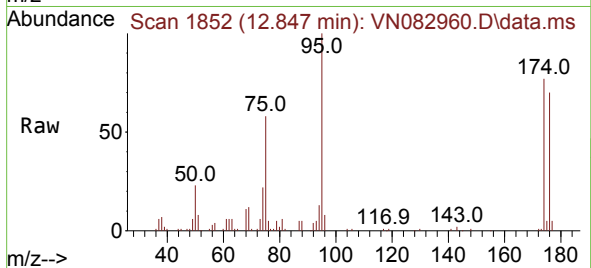




#76
1,2,3-Trichloropropane
Concen: 27.901 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 42282
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082960.D
Acq: 17 Jul 2024 13:58

Tgt Ion: 75 Resp: 42282
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

