

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082963.D
 Acq On : 17 Jul 2024 15:11
 Operator : JC\MD
 Sample : P3257-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-W-03-202407

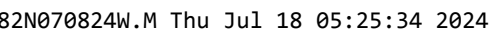
Quant Time: Jul 18 05:25:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

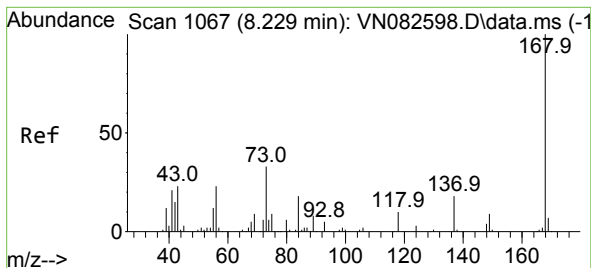
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	98401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	197705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	66166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	69552	50.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.840%			
35) Dibromofluoromethane	8.171	113	52869	40.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.620%			
50) Toluene-d8	10.571	98	223273	46.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.340%			
62) 4-Bromofluorobenzene	12.853	95	56272	32.743	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 65.480%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	24667	50.792	ug/l	98
17) Carbon Disulfide	4.700	76	1500	0.500	ug/l #	75
18) Methyl Acetate	5.030	43	412	0.321	ug/l #	56
20) Methylene Chloride	5.271	84	237	0.202	ug/l #	3
25) 2-Butanone	7.488	43	4251	5.797	ug/l	93
28) Bromochloromethane	7.965	49	3238	3.798	ug/l #	21
30) Chloroform	7.965	83	37356	17.716	ug/l	92
31) Cyclohexane	8.229	56	2513	1.393	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	8935	5.003	ug/l #	50
37) Ethyl Acetate	7.488	43	4251	2.338	ug/l #	72
38) Carbon Tetrachloride	8.224	117	10917	5.077	ug/l #	20
48) Methyl methacrylate	9.665	41	795	0.558	ug/l #	37
51) 4-Methyl-2-Pentanone	10.447	43	1112	0.617	ug/l #	71
52) Toluene	10.641	92	1531	0.446	ug/l	91
59) 2-Hexanone	11.200	43	1041	0.777	ug/l #	56
65) Chlorobenzene	11.894	112	6953	1.641	ug/l	98
68) m/p-Xylenes	12.070	106	545	0.203	ug/l #	67
71) Bromoform	12.847	173	539	0.455	ug/l #	1
74) N-amyl acetate	12.465	43	2535	1.275	ug/l #	48
76) 1,2,3-Trichloropropane	12.853	75	32636	28.609	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32636	56.267	ug/l #	6
95) Naphthalene	15.641	128	2584	0.644	ug/l #	85

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

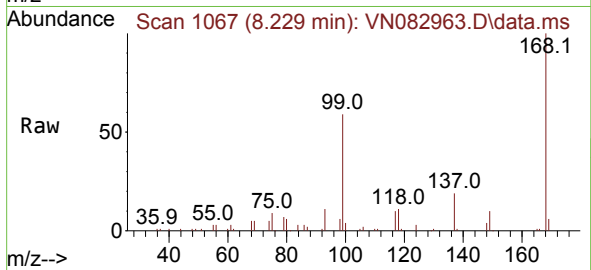
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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



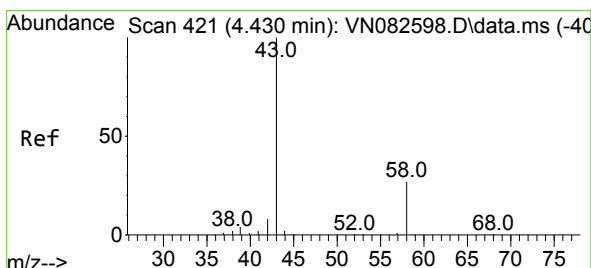
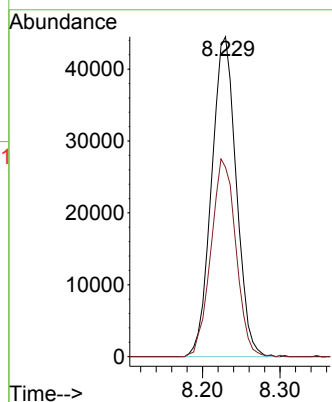
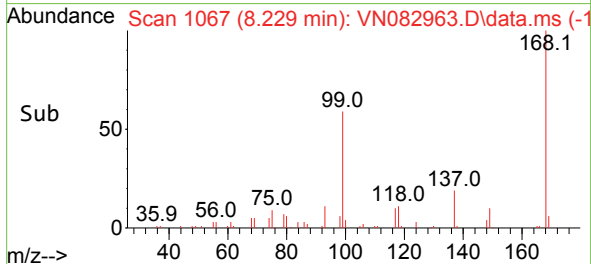


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

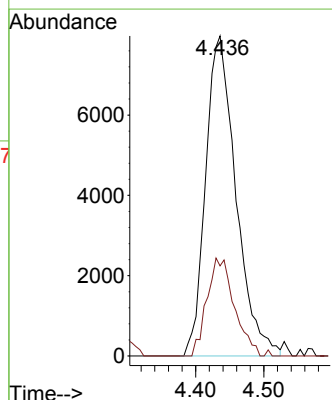
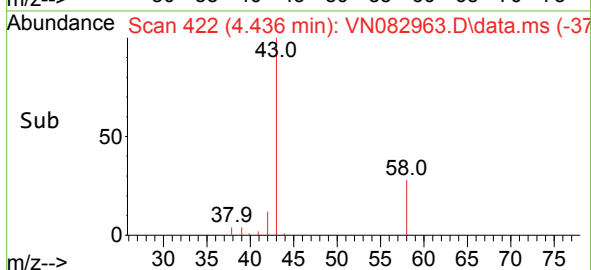
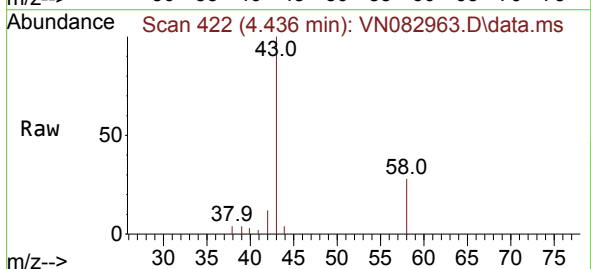


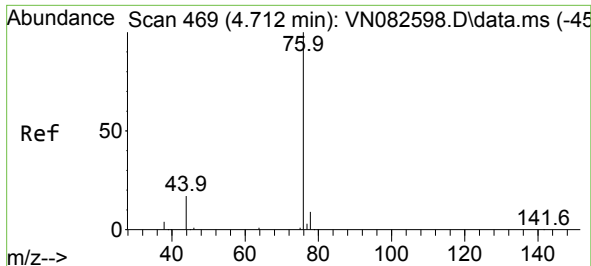
Tgt Ion:168 Resp: 98401
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#16
Acetone
Concen: 50.792 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 43 Resp: 24667
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.6

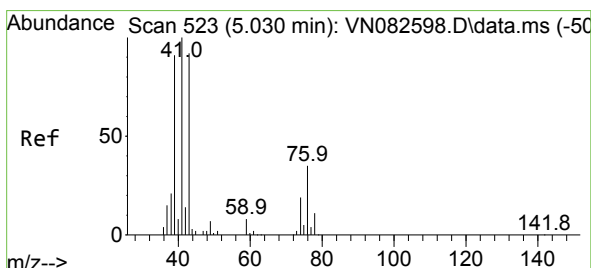
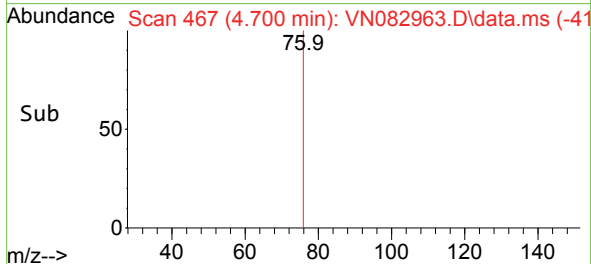
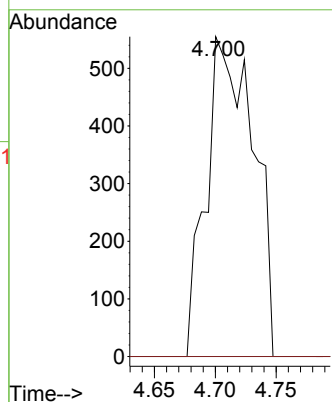
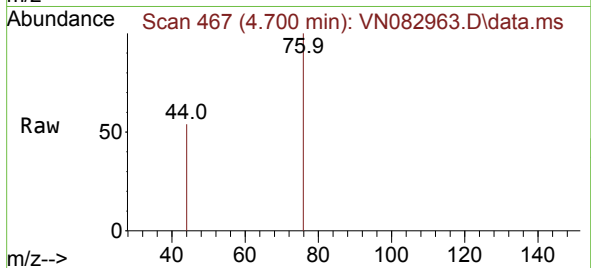




#17
Carbon Disulfide
Concen: 0.500 ug/l
RT: 4.700 min Scan# 4
Delta R.T. -0.012 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

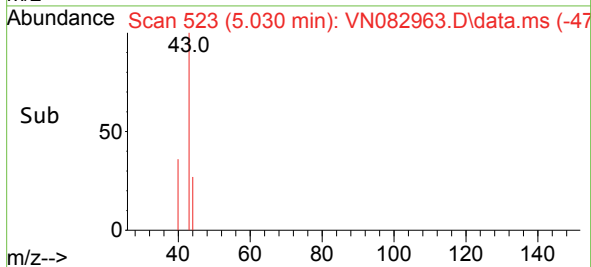
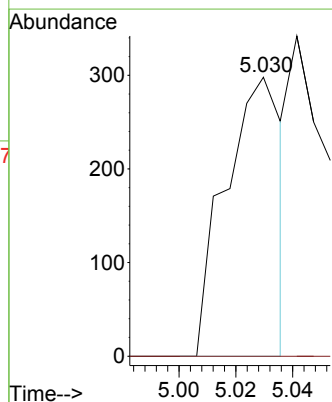
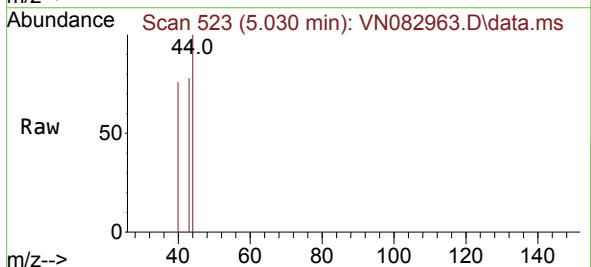
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

Tgt Ion: 76 Resp: 1500
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.321 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

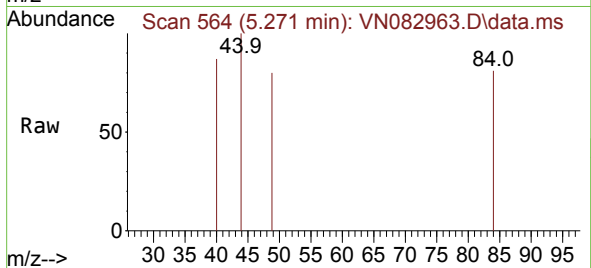
Tgt Ion: 43 Resp: 412
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



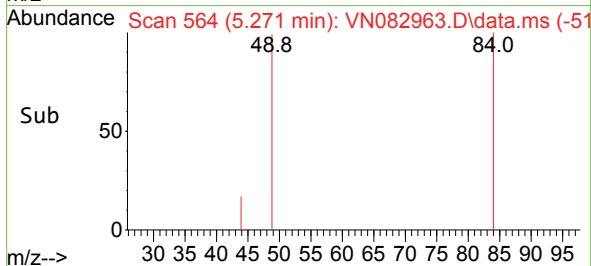
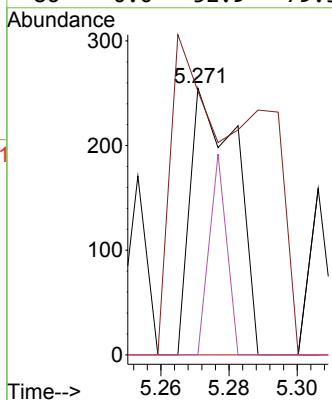


#20
Methylene Chloride
Concen: 0.202 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

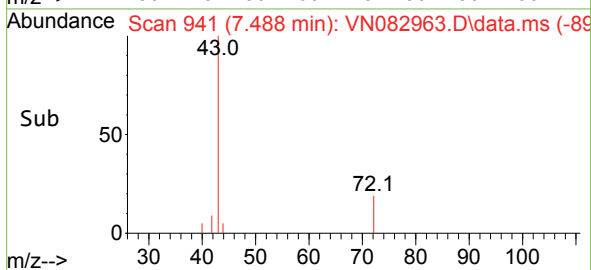
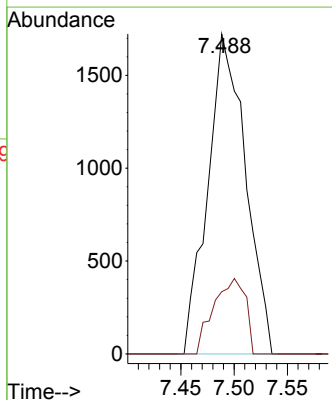
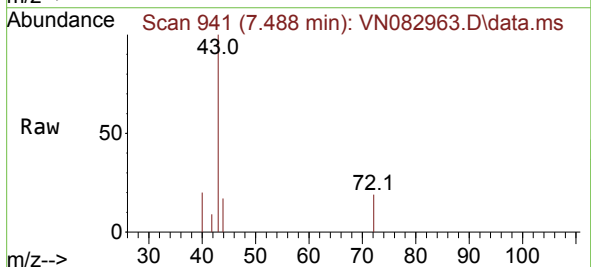


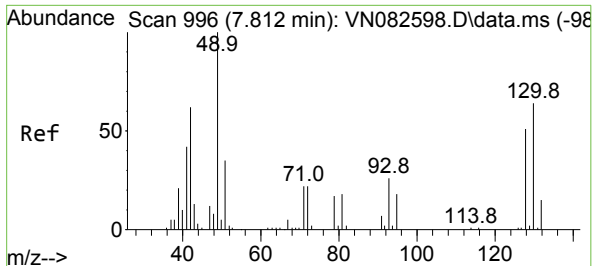
Tgt Ion: 84	Resp: 237
Ion Ratio	Lower Upper
84 100	
49 7.8	119.6 179.4#
51 0.0	34.8 52.2#
86 0.0	52.9 79.3#



#25
2-Butanone
Concen: 5.797 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 43	Resp: 4251
Ion Ratio	Lower Upper
43 100	
72 19.4	18.2 27.2

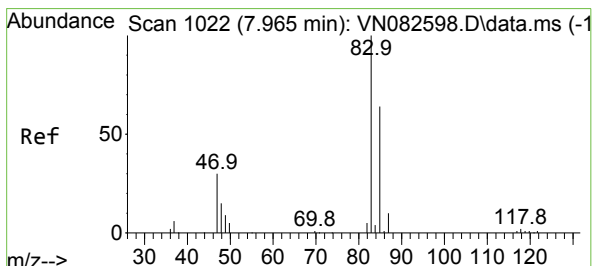
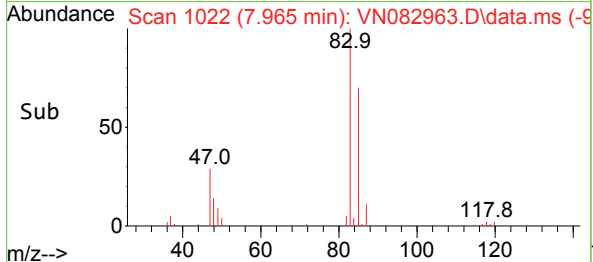
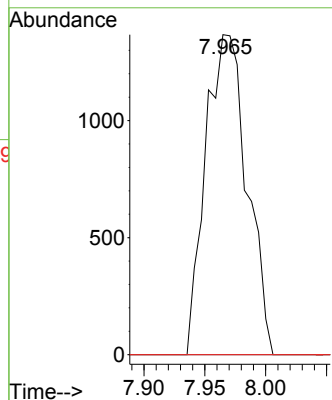
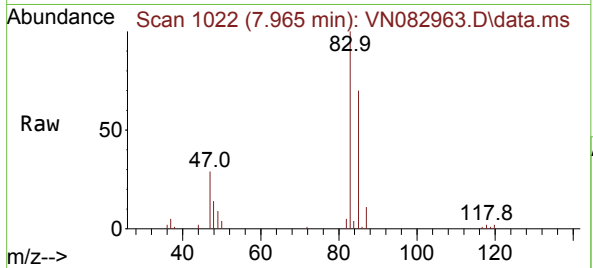




#28
Bromochloromethane
Concen: 3.798 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

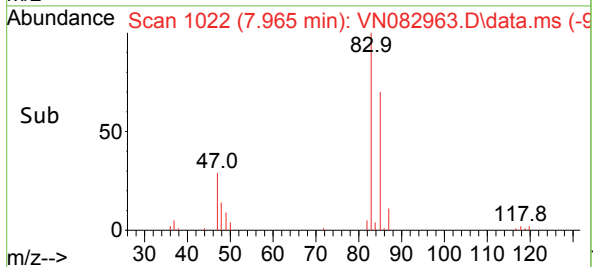
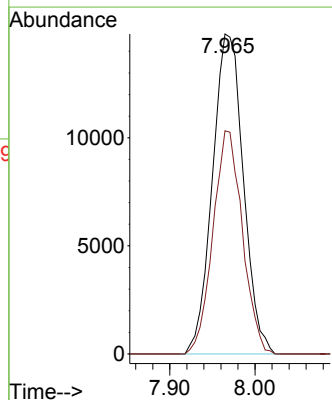
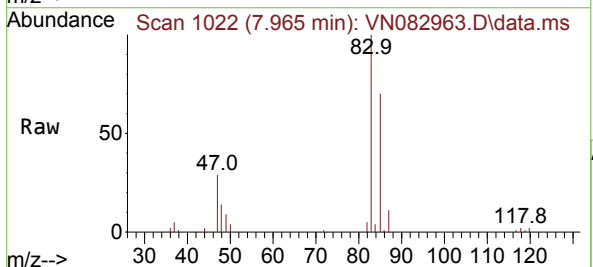
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

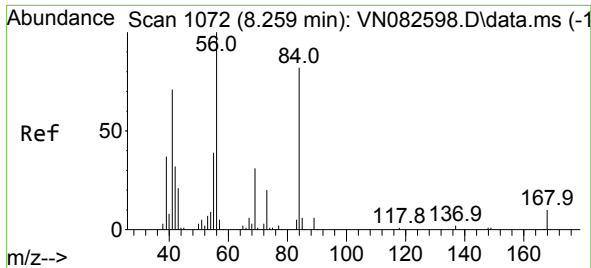
Tgt Ion: 49 Resp: 3238
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 50.5 75.7#



#30
Chloroform
Concen: 17.716 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

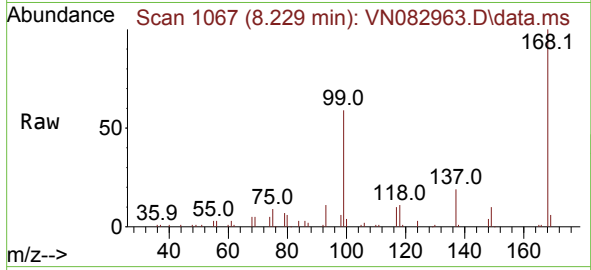
Tgt Ion: 83 Resp: 37356
Ion Ratio Lower Upper
83 100
85 69.7 50.9 76.3



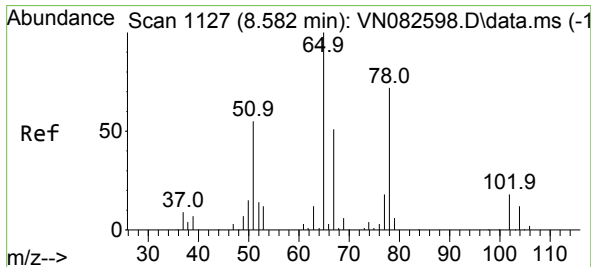
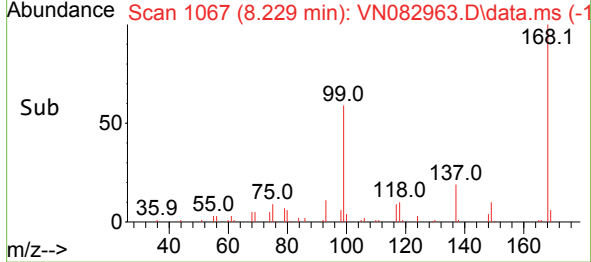
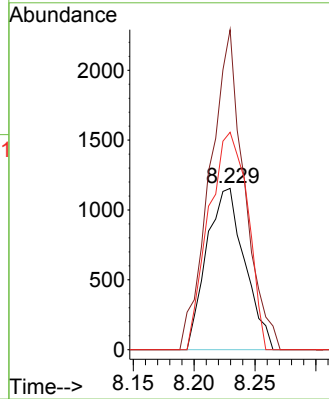


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

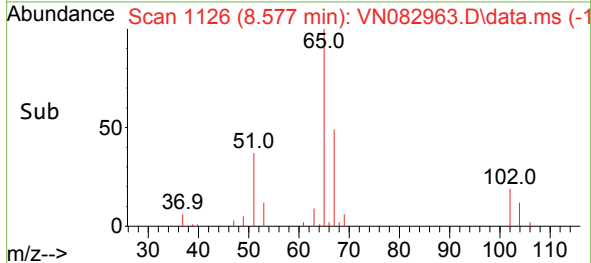
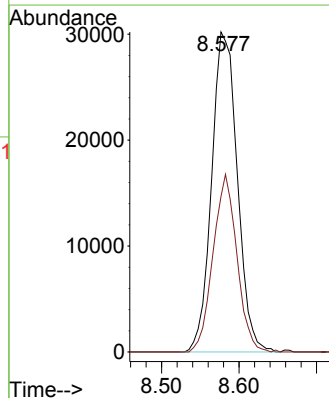
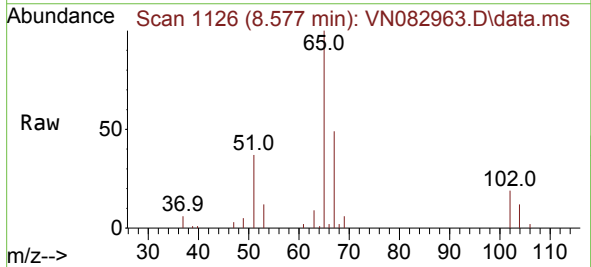


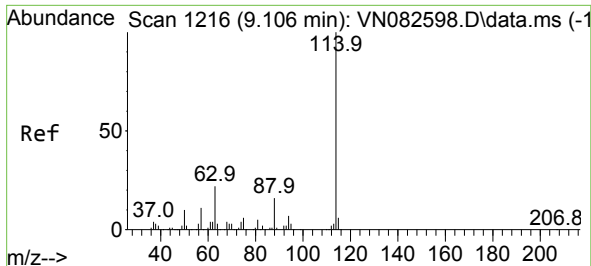
Tgt Ion: 56 Resp: 2513
Ion Ratio Lower Upper
56 100
69 198.4 24.5 36.7#
84 134.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 50.423 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 65 Resp: 69552
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4

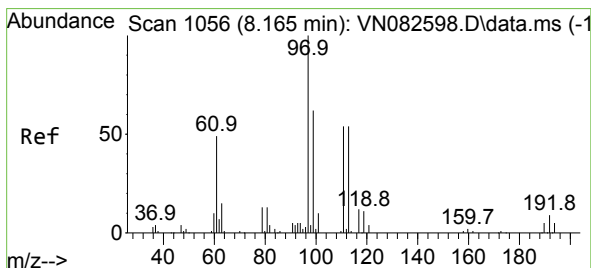
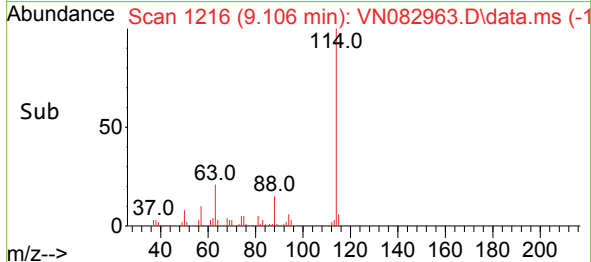
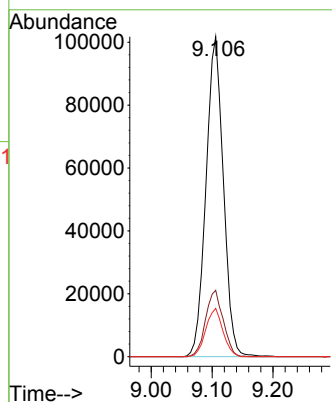
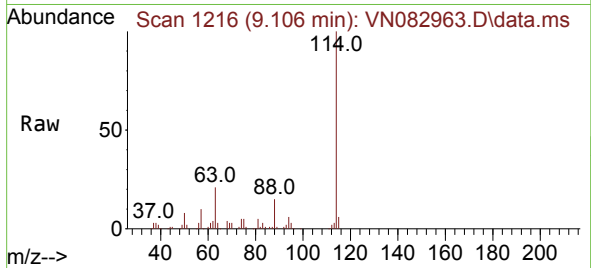




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

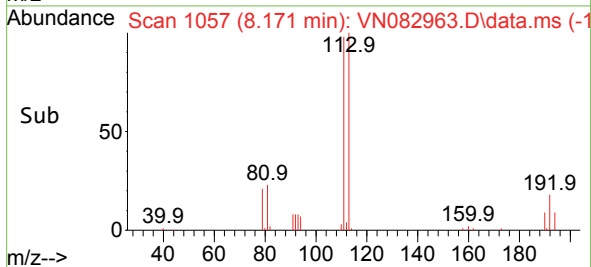
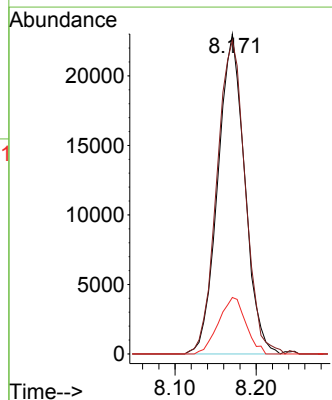
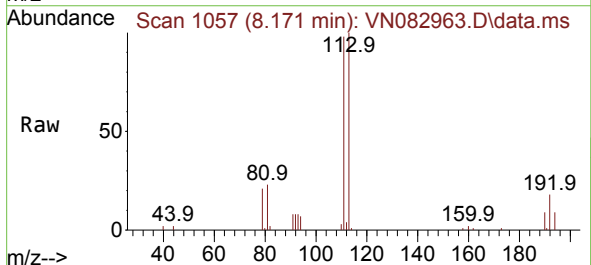
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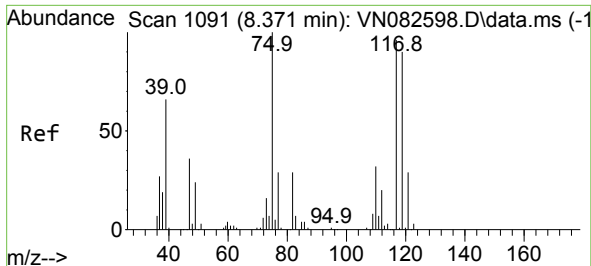
Tgt Ion:114 Resp: 201871
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.6
88 15.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 40.814 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion:113 Resp: 52869
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 17.9 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.003 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN082963.D

Acq: 17 Jul 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

WC-W-03-202407

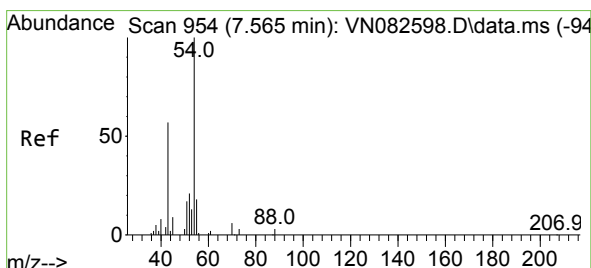
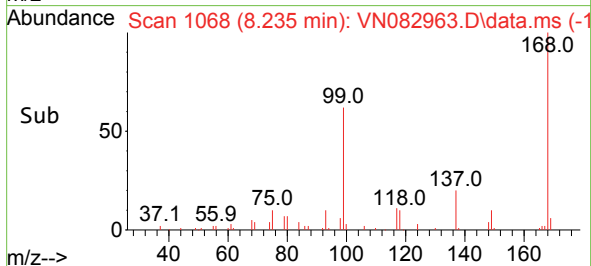
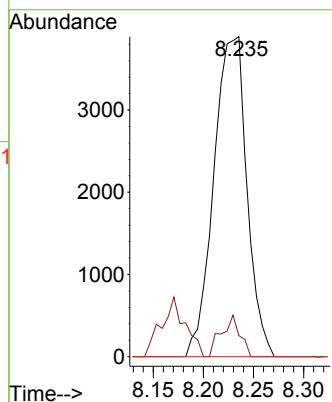
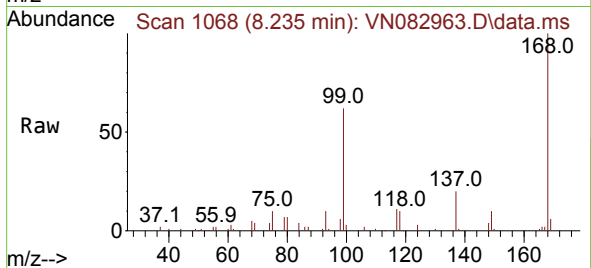
Tgt Ion: 75 Resp: 8935

Ion Ratio Lower Upper

75 100

110 7.3 16.3 48.9#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 2.338 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.077 min

Lab File: VN082963.D

Acq: 17 Jul 2024 15:11

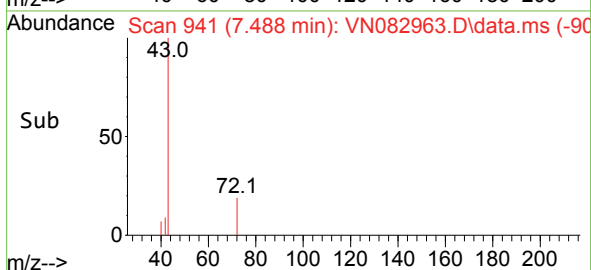
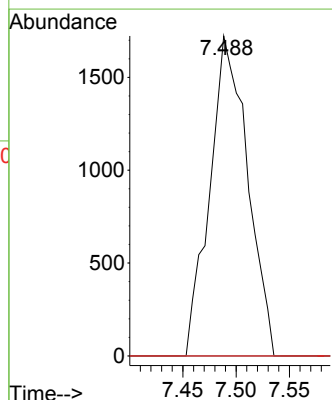
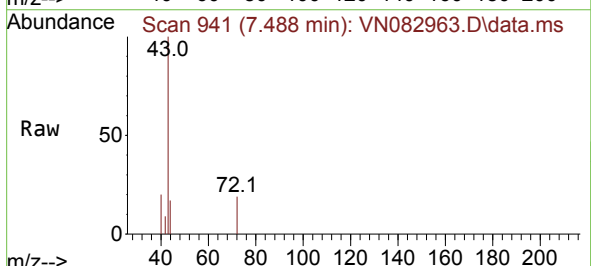
Tgt Ion: 43 Resp: 4251

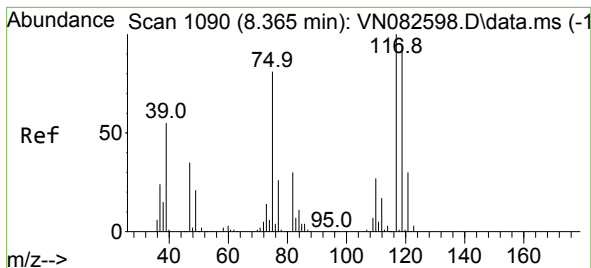
Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#





#38

Carbon Tetrachloride

Concen: 5.077 ug/l

RT: 8.224 min Scan# 1091

Delta R.T. -0.141 min

Lab File: VN082963.D

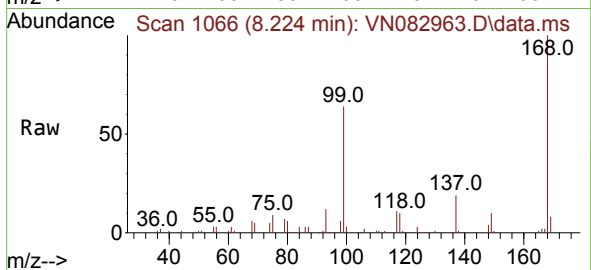
Acq: 17 Jul 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

WC-W-03-202407



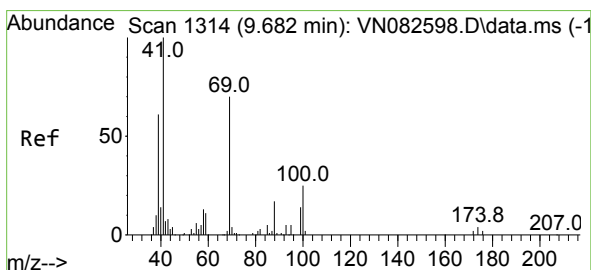
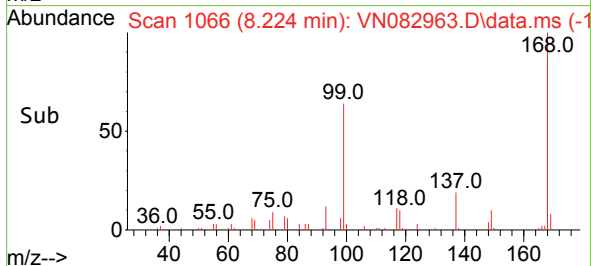
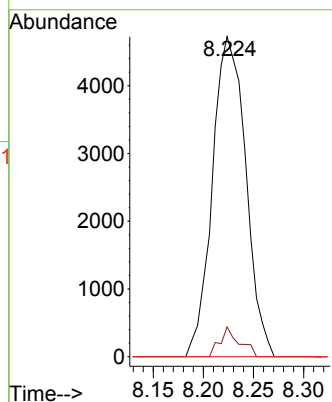
Tgt Ion:117 Resp: 10917

Ion Ratio Lower Upper

117 100

119 9.3 74.9 112.3#

121 0.0 24.3 36.5#



#48

Methyl methacrylate

Concen: 0.558 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.017 min

Lab File: VN082963.D

Acq: 17 Jul 2024 15:11

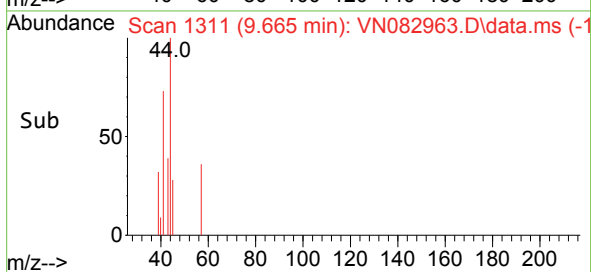
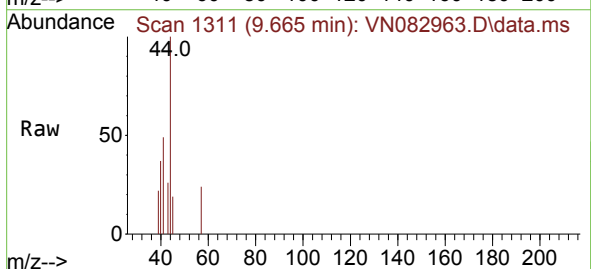
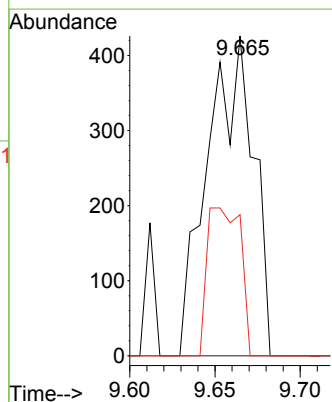
Tgt Ion: 41 Resp: 795

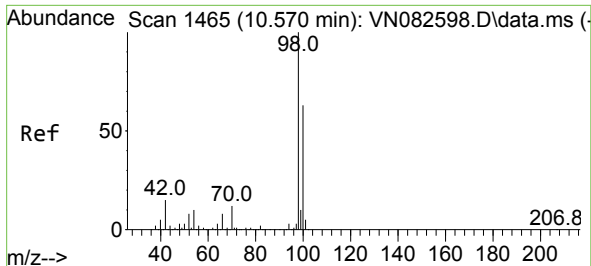
Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 33.7 50.3 75.5#

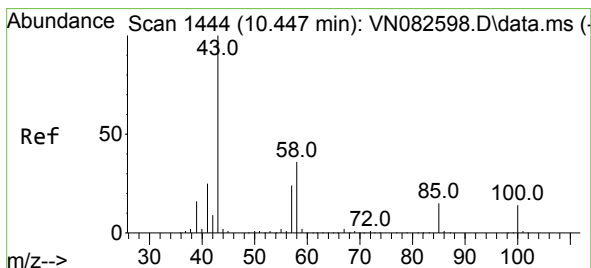
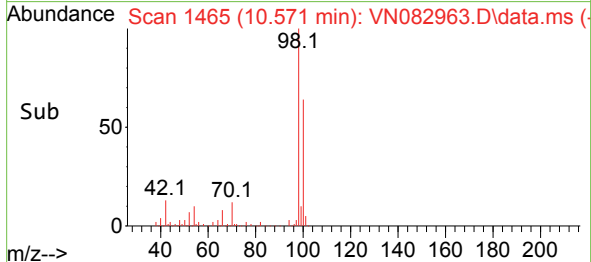
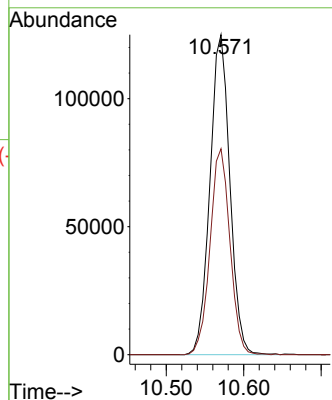
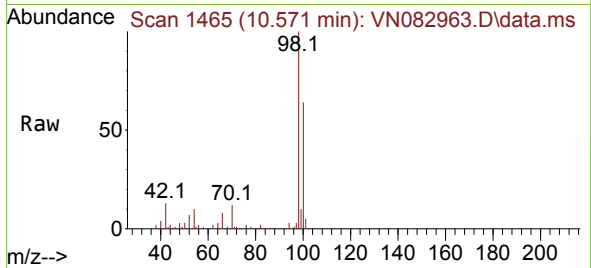




#50
Toluene-d8
Concen: 46.667 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

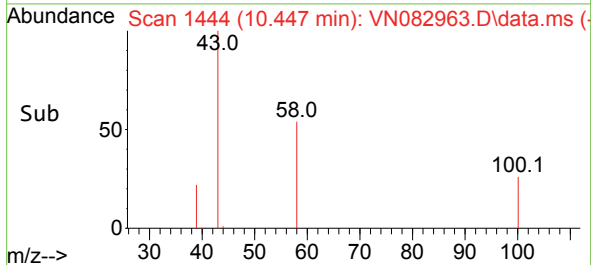
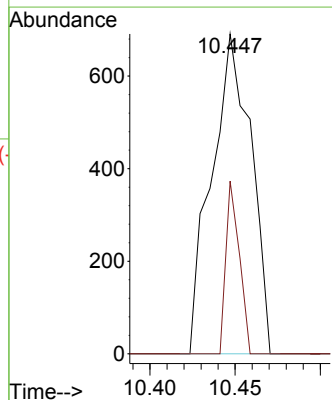
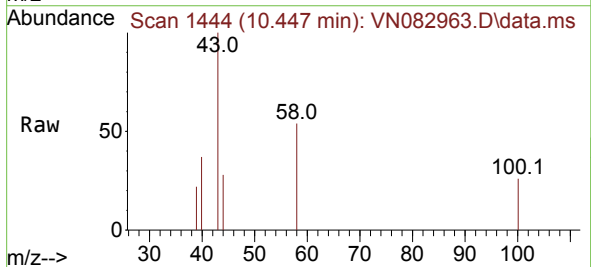
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

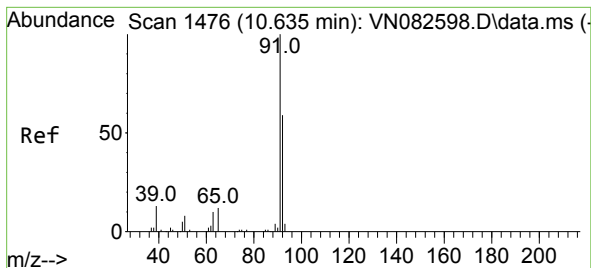
Tgt Ion: 98 Resp: 223273
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 18.3 28.2 42.4#





#52

Toluene

Concen: 0.446 ug/l

RT: 10.641 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VN082963.D

Acq: 17 Jul 2024 15:11

Instrument :

MSVOA_N

ClientSampleId :

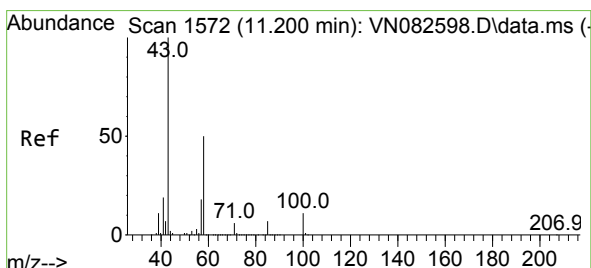
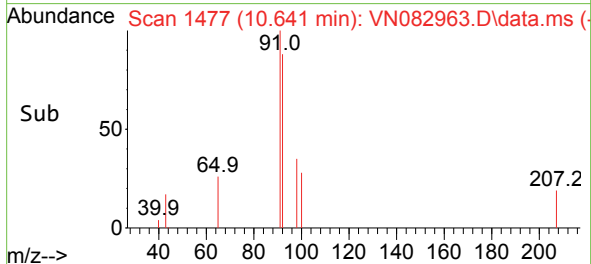
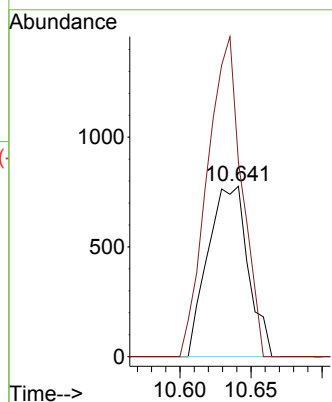
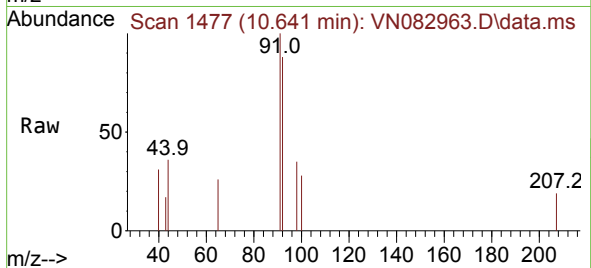
WC-W-03-202407

Tgt Ion: 92 Resp: 1531

Ion Ratio Lower Upper

92 100

91 161.2 139.4 209.0



#59

2-Hexanone

Concen: 0.777 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN082963.D

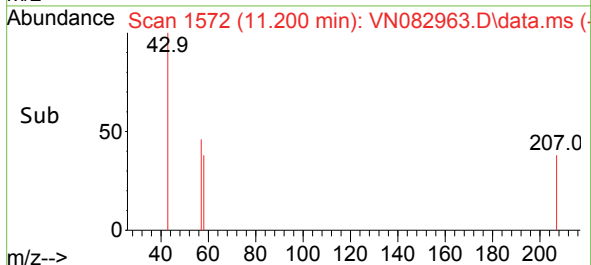
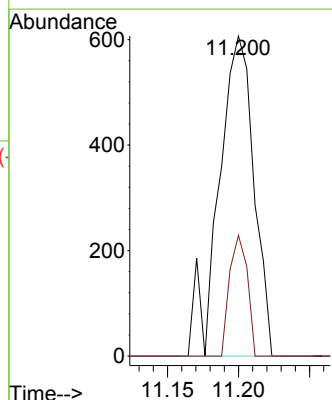
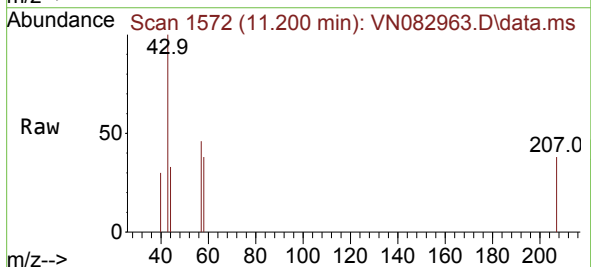
Acq: 17 Jul 2024 15:11

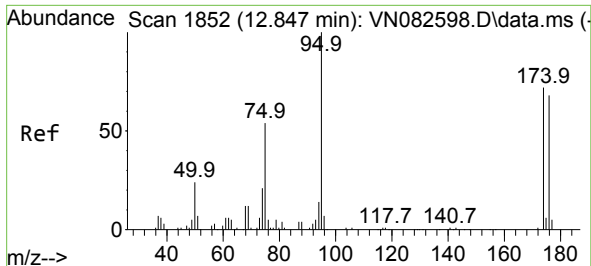
Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

58 19.1 24.6 73.8#

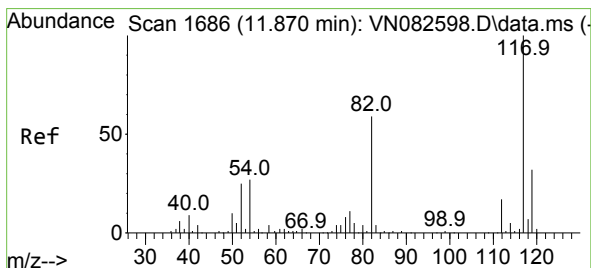
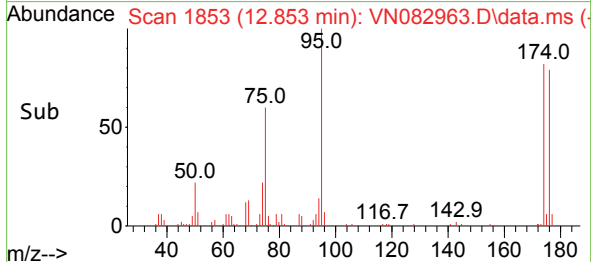
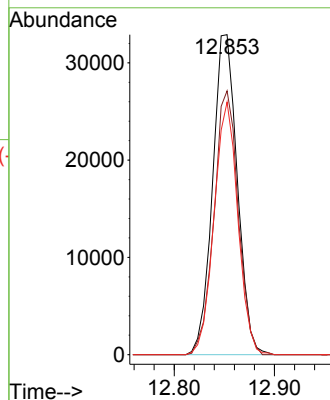
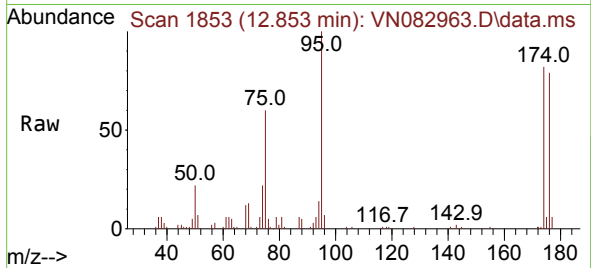




#62
4-Bromofluorobenzene
Concen: 32.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

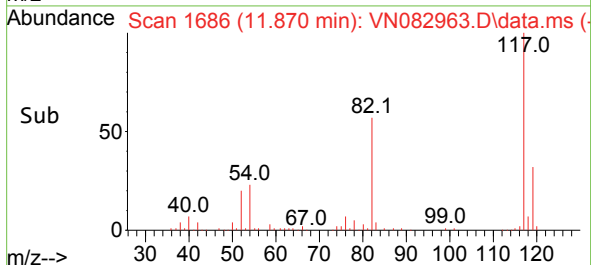
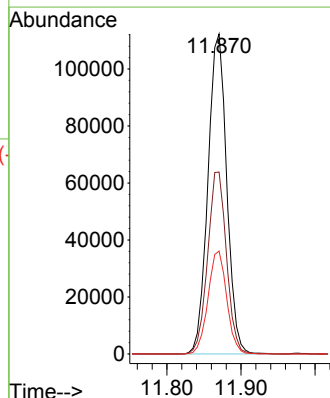
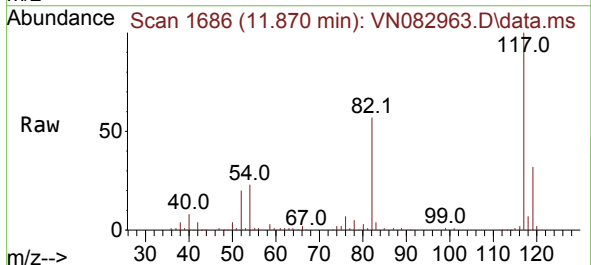
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

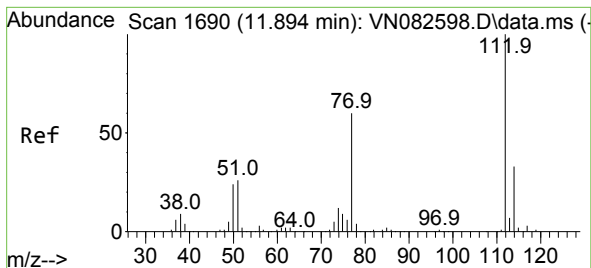
Tgt Ion: 95 Resp: 56272
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.2
176 76.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 117 Resp: 197705
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.2 25.6 38.4

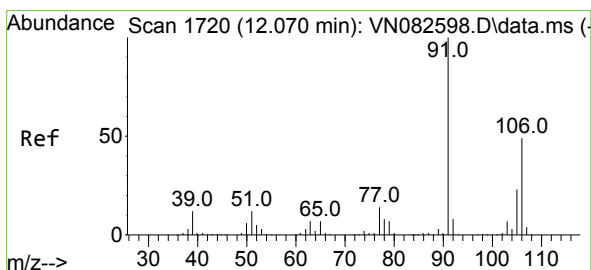
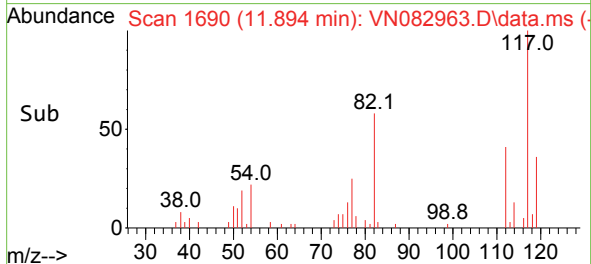
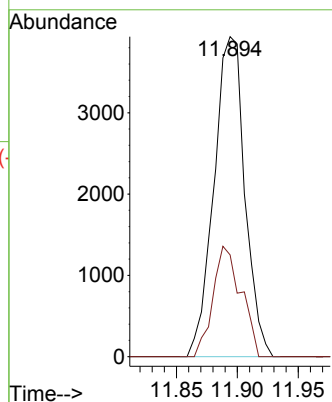
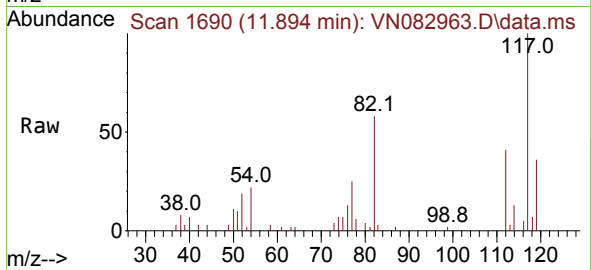




#65
Chlorobenzene
Concen: 1.641 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

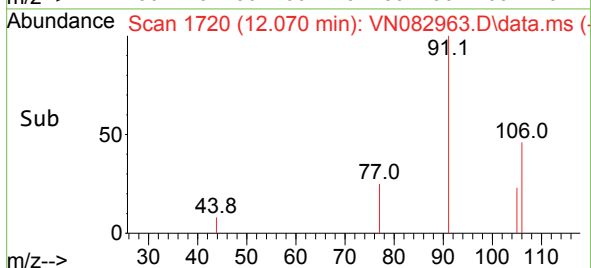
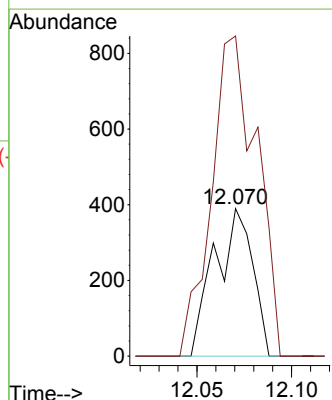
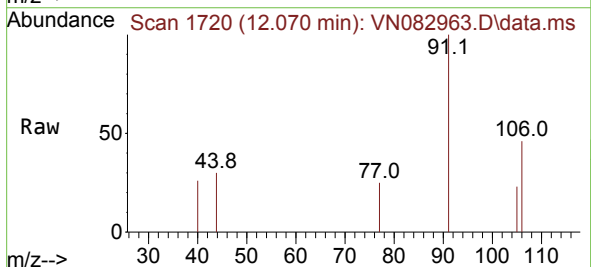
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

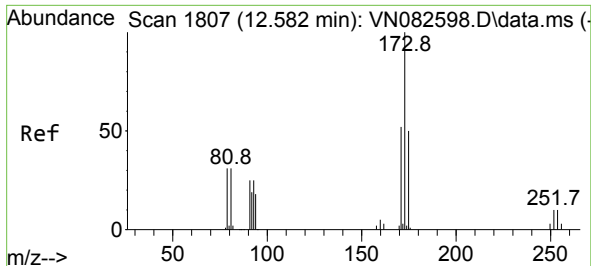
Tgt Ion:112 Resp: 6953
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#68
m/p-Xylenes
Concen: 0.203 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion:106 Resp: 545
Ion Ratio Lower Upper
106 100
91 258.3 166.1 249.1#

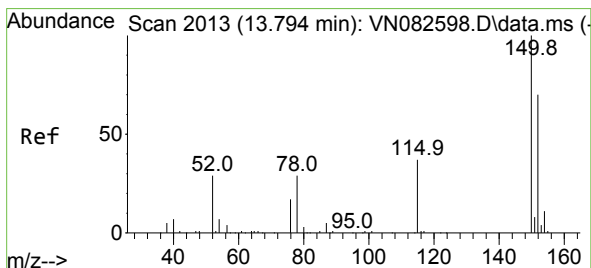
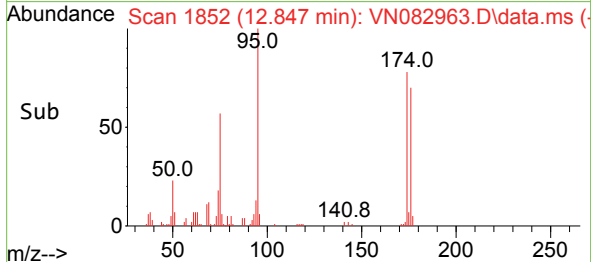
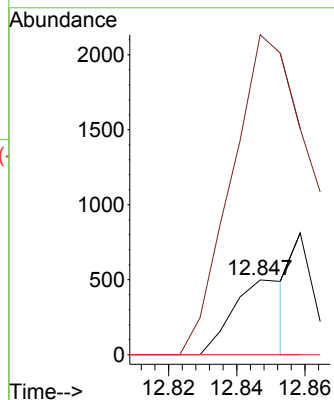
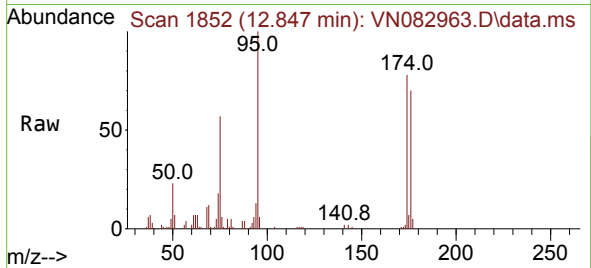




#71
Bromoform
Concen: 0.455 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

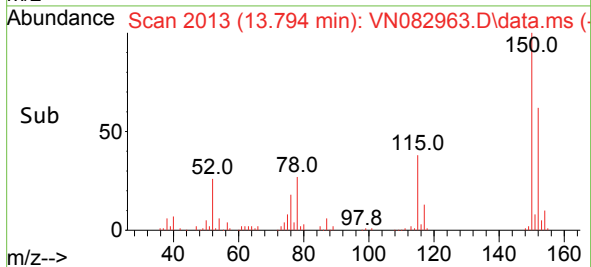
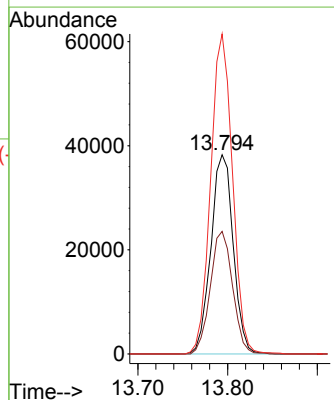
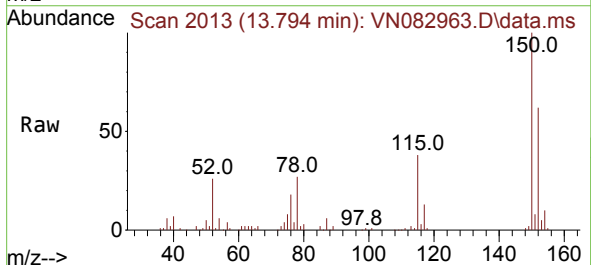
Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

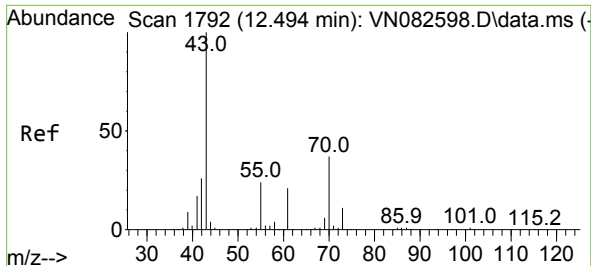
Tgt Ion:173 Resp: 539
Ion Ratio Lower Upper
173 100
175 536.2 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

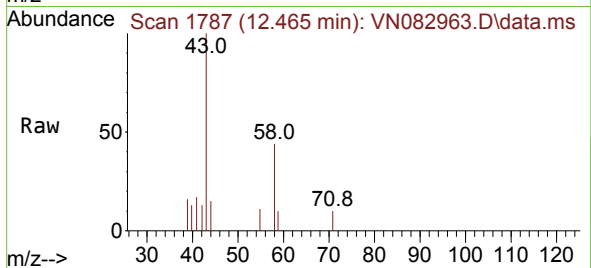
Tgt Ion:152 Resp: 66166
Ion Ratio Lower Upper
152 100
115 61.3 30.6 91.6
150 156.6 0.0 348.6



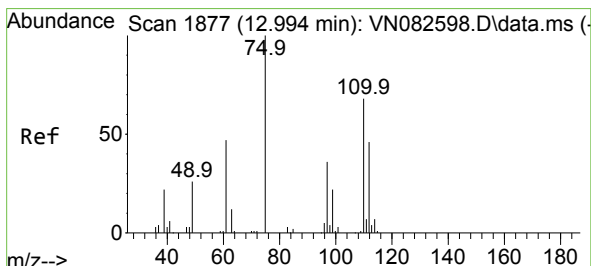
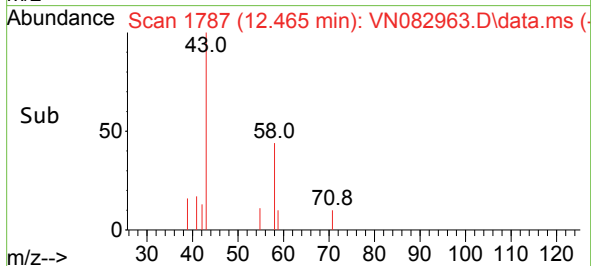
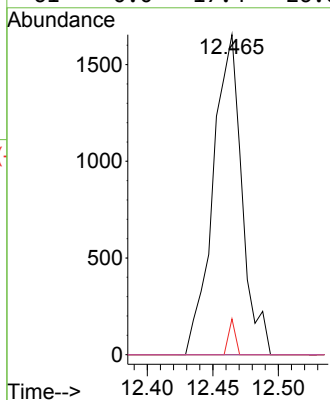


#74
N-amyl acetate
Concen: 1.275 ug/l
RT: 12.465 min Scan# 1787
Delta R.T. -0.029 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

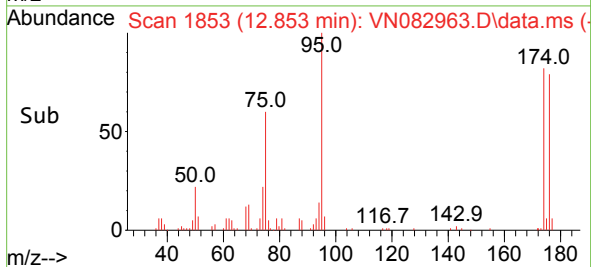
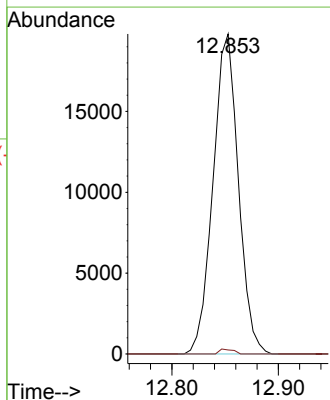
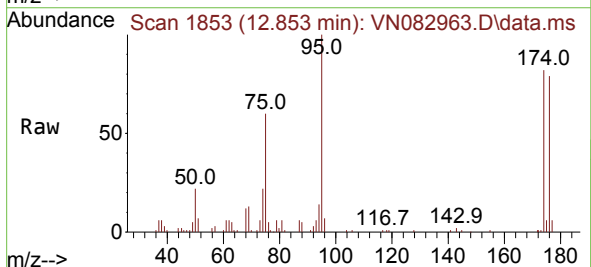


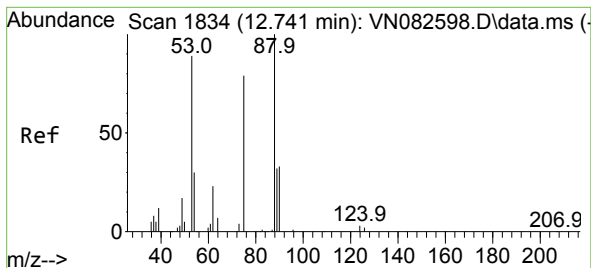
Tgt Ion:	43	Resp:	2535
Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.6#
55	2.6	18.7	28.1#
61	0.0	17.4	26.0#



#76
1,2,3-Trichloropropane
Concen: 28.609 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion:	75	Resp:	32636
Ion	Ratio	Lower	Upper
75	100		
77	0.8	110.9	332.6#

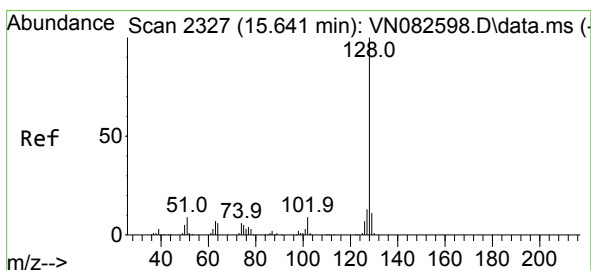
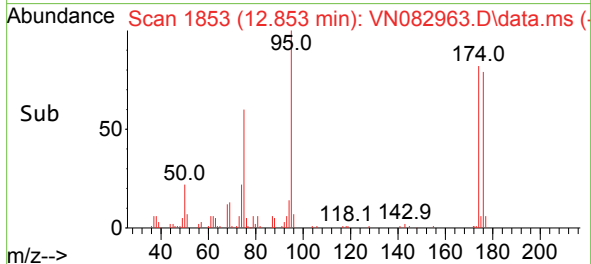
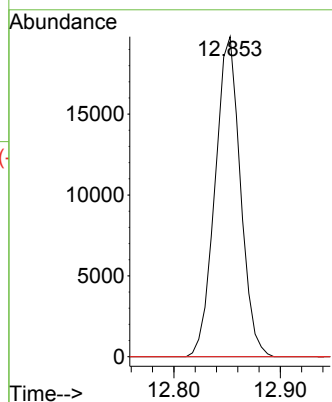
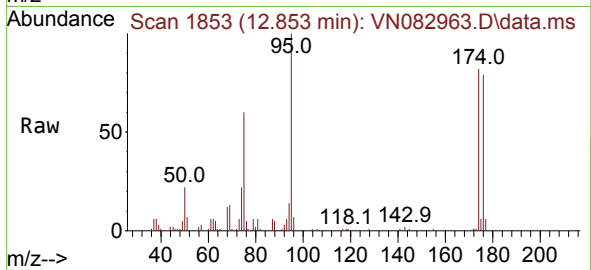




#81
trans-1,4-Dichloro-2-butene
Concen: 56.267 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Instrument :
MSVOA_N
ClientSampleId :
WC-W-03-202407

Tgt Ion: 75 Resp: 32636
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.644 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082963.D
Acq: 17 Jul 2024 15:11

Tgt Ion: 128 Resp: 2584
Ion Ratio Lower Upper
128 100
127 10.1 10.6 16.0#
129 2.1 8.6 12.8#

