

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082693.D
 Acq On : 24 Jun 2024 10:57
 Operator : JC\MD
 Sample : VN0624WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:24:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	280580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128699	51.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.480%
35) Dibromofluoromethane	8.165	113	96400	48.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	10.571	98	345167	46.044	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.080%
62) 4-Bromofluorobenzene	12.853	95	110335	42.691	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.380%

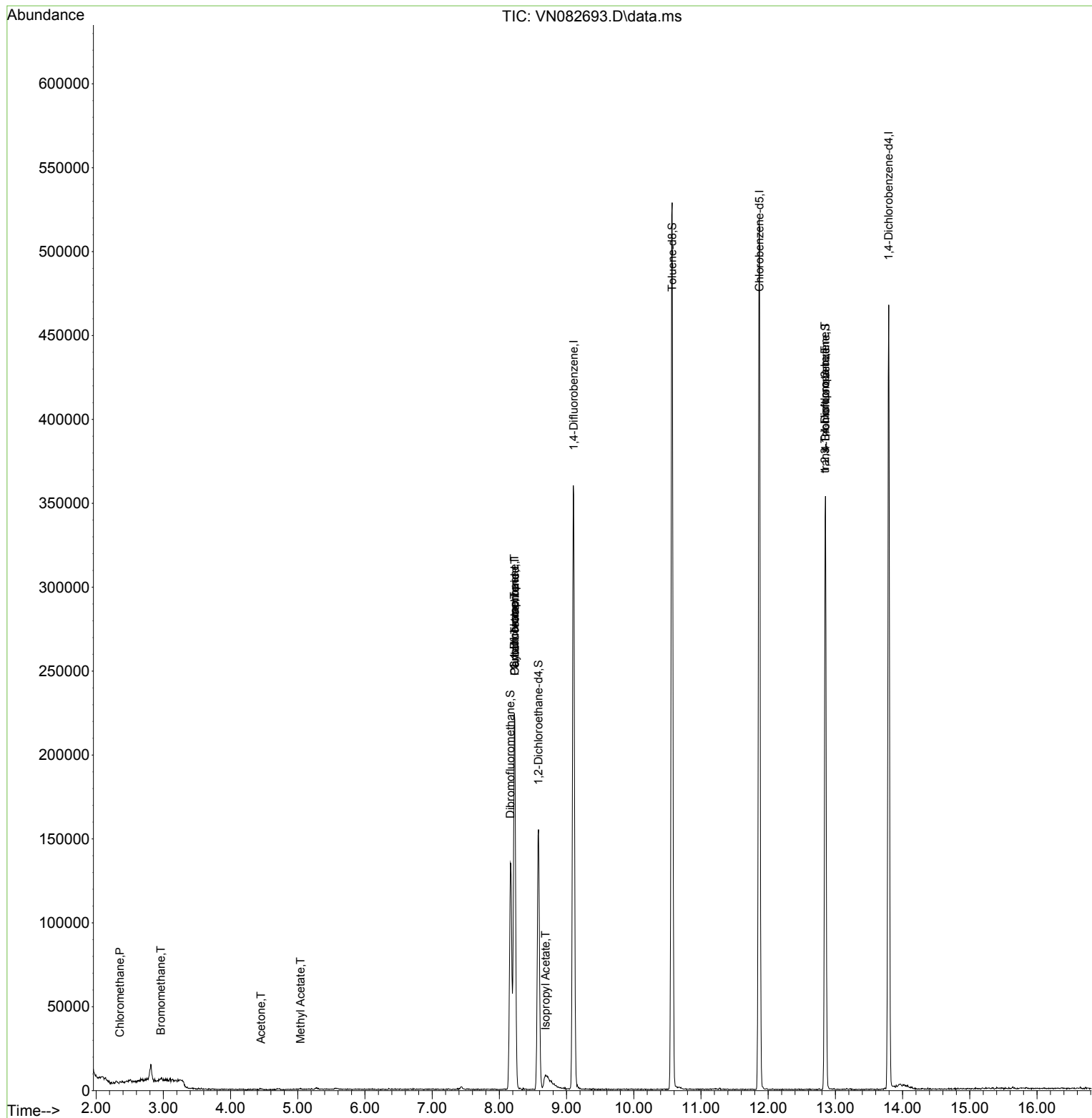
Target Compounds					Qvalue	
3) Chloromethane	2.354	50	572	0.220	ug/l #	83
5) Bromomethane	2.965	94	520	0.327	ug/l #	66
16) Acetone	4.453	43	1092	0.965	ug/l #	48
18) Methyl Acetate	5.042	43	674	0.244	ug/l #	56
31) Cyclohexane	8.224	56	4342	1.210	ug/l #	23
36) 1,1-Dichloropropene	8.224	75	14277	4.818	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16154	4.837	ug/l #	21
43) Isopropyl Acetate	8.688	43	7967	1.129	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	65316	22.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65316	54.562	ug/l #	6

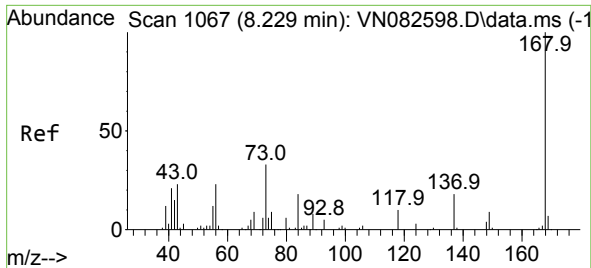
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
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Response via : Initial Calibration

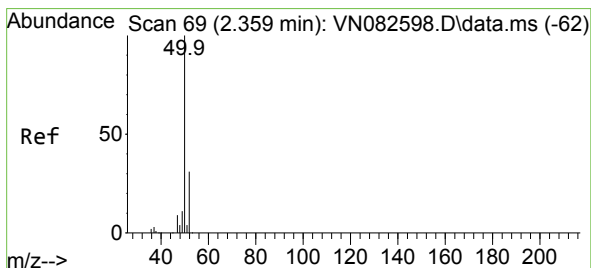
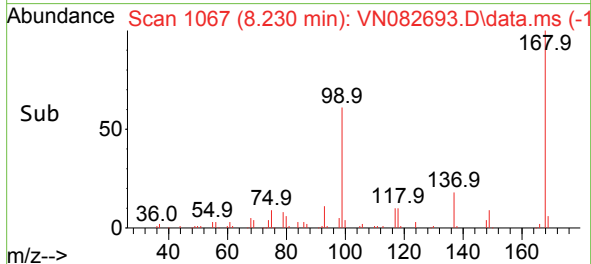
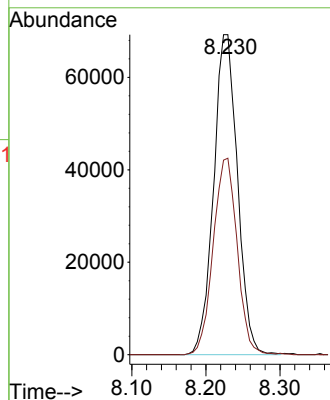
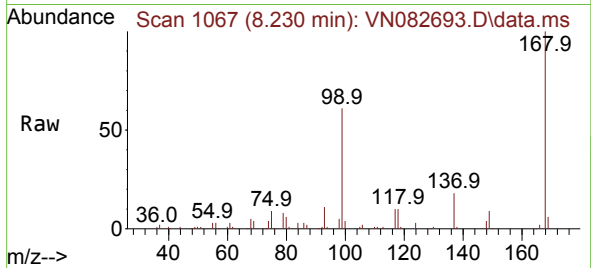




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

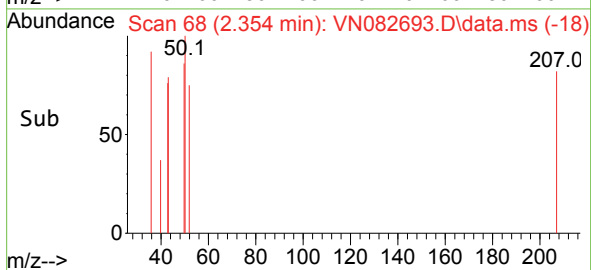
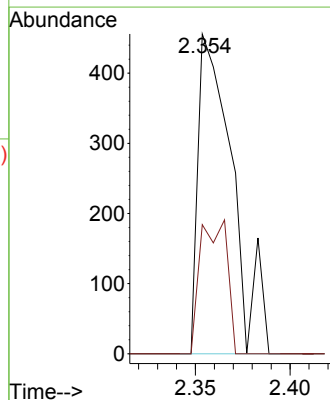
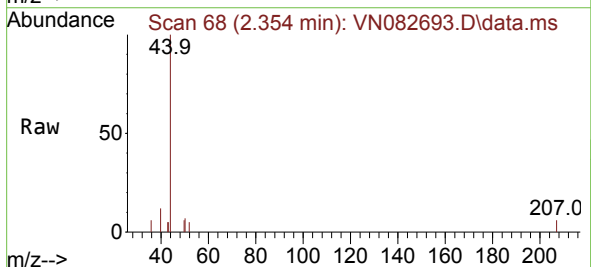
Instrument :
MSVOA_N
ClientSampleId :

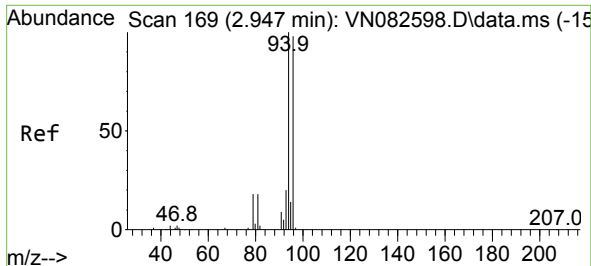
Tgt Ion:168 Resp: 155114
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

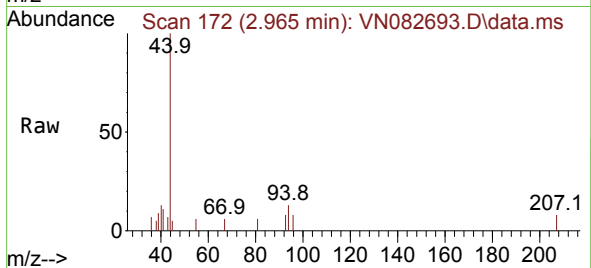
Tgt Ion: 50 Resp: 572
Ion Ratio Lower Upper
50 100
52 40.4 25.0 37.4#



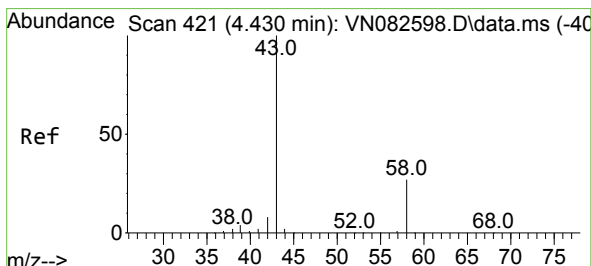
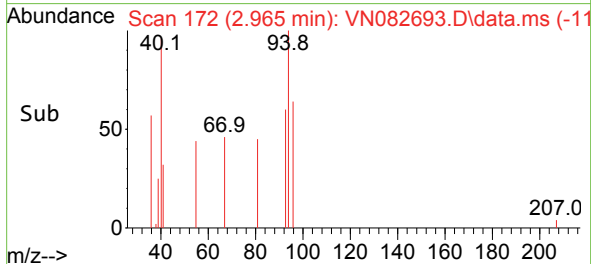
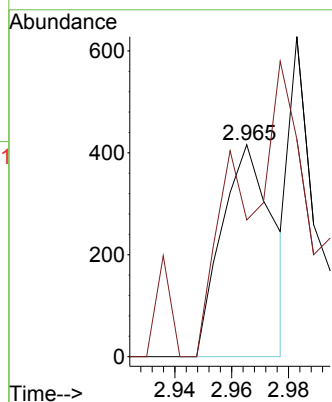


#5
Bromomethane
Concen: 0.327 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

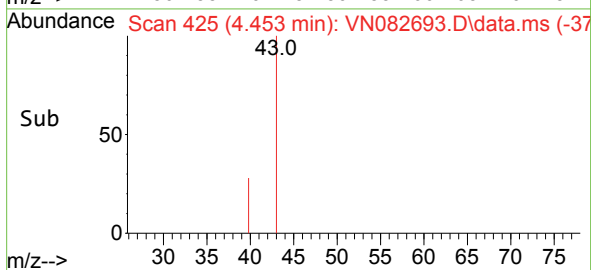
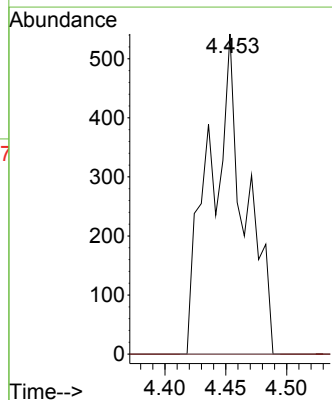
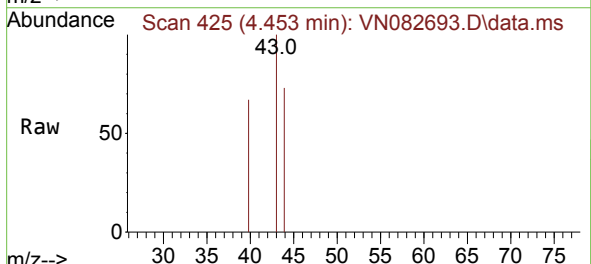


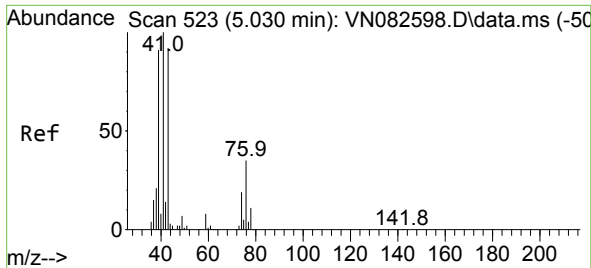
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 64.4 78.0 117.0#



#16
Acetone
Concen: 0.965 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#





#18

Methyl Acetate

Concen: 0.244 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

Instrument :

MSVOA_N

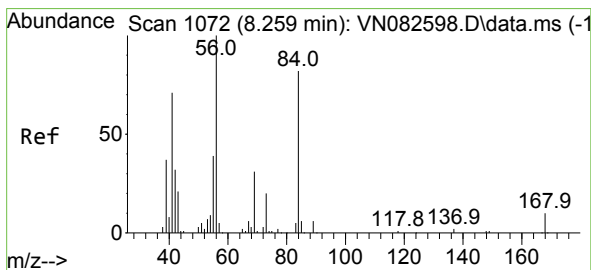
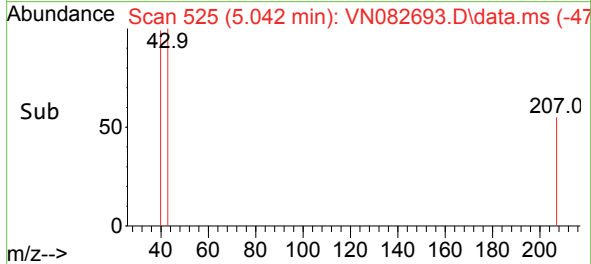
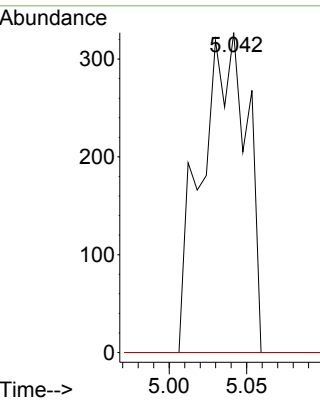
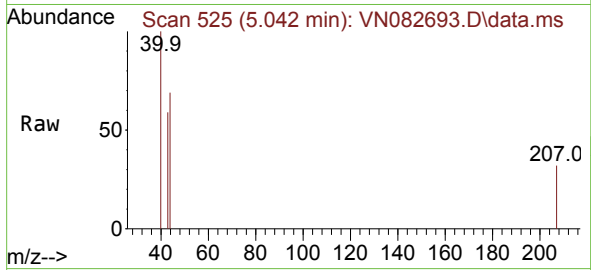
ClientSampleId :

Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#31

Cyclohexane

Concen: 1.210 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

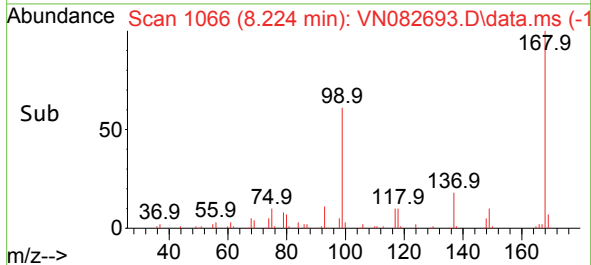
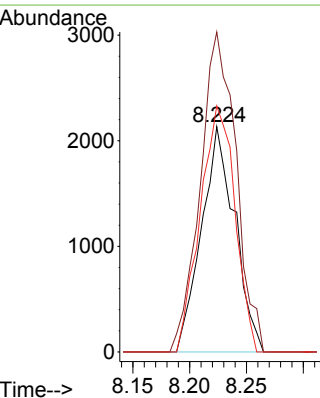
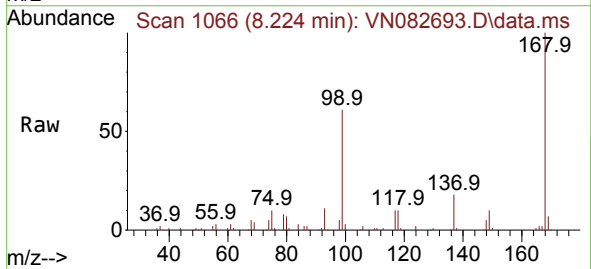
Tgt Ion: 56 Resp: 4342

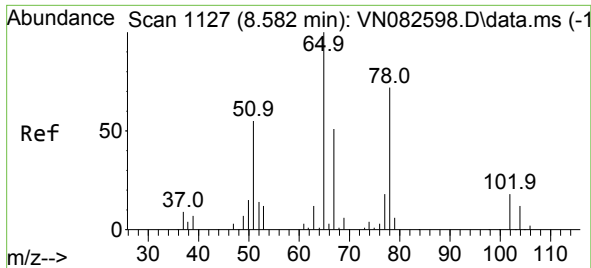
Ion Ratio Lower Upper

56 100

69 142.1 24.5 36.7#

84 109.2 66.0 99.0#

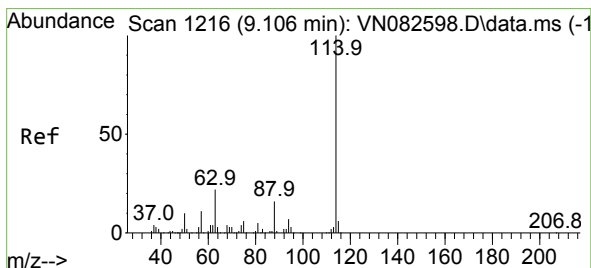
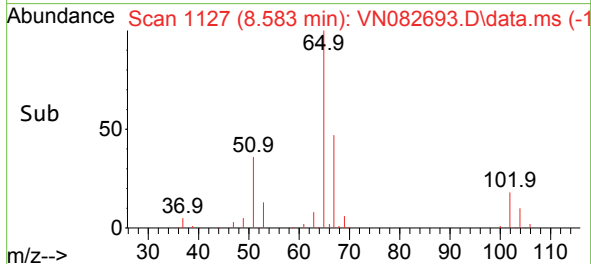
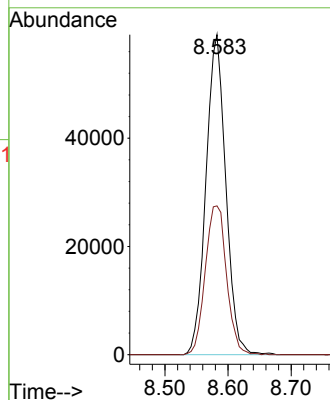
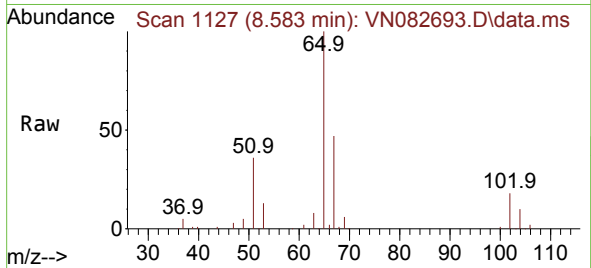




#33
 1,2-Dichloroethane-d4
 Concen: 51.739 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082693.D
 Acq: 24 Jun 2024 10:57

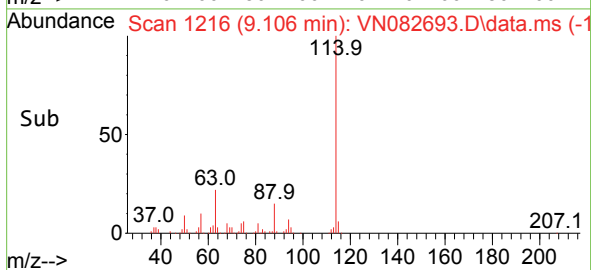
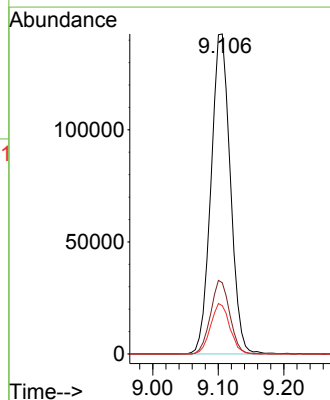
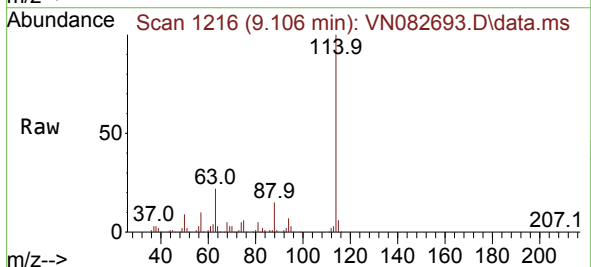
Instrument :
 MSVOA_N
 ClientSampleId :

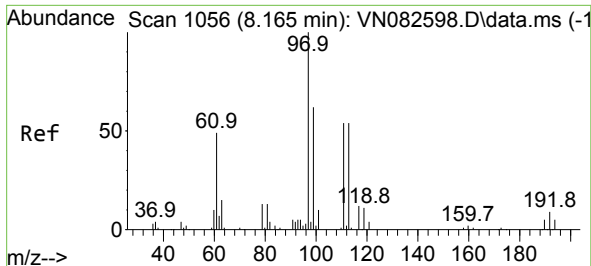
Tgt Ion: 65 Resp: 128699
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082693.D
 Acq: 24 Jun 2024 10:57

Tgt Ion: 114 Resp: 292212
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.629 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

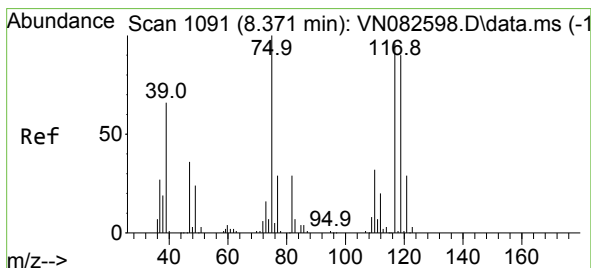
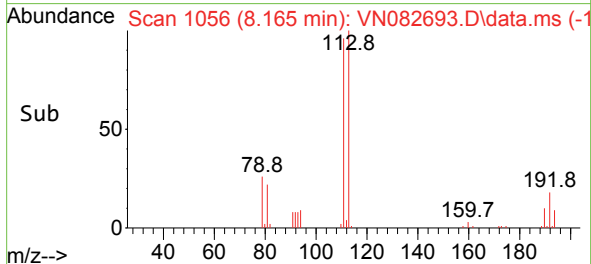
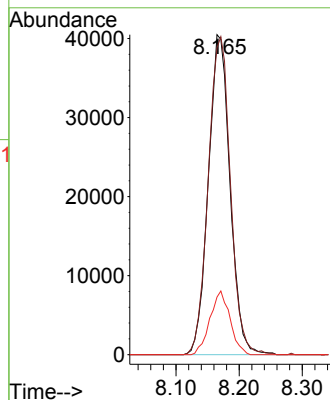
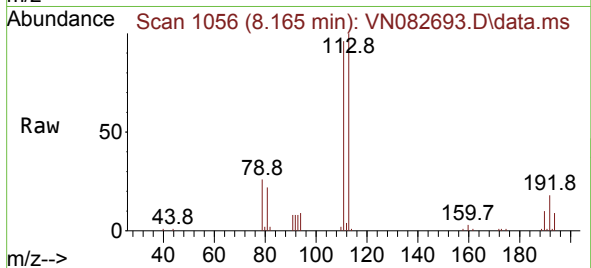
Tgt Ion:113 Resp: 96400

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 18.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

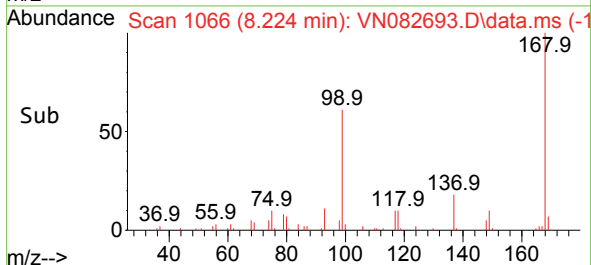
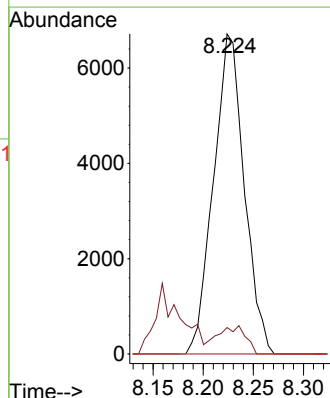
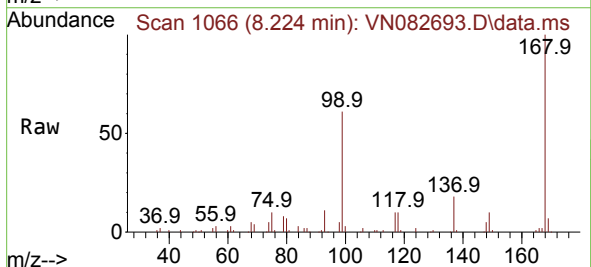
Tgt Ion: 75 Resp: 14277

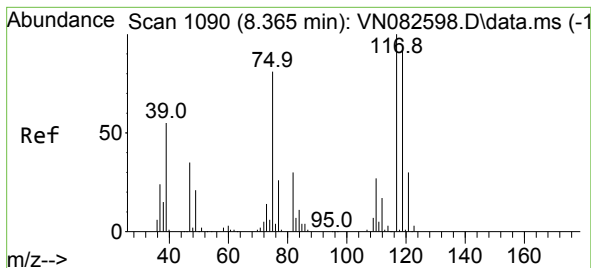
Ion Ratio Lower Upper

75 100

110 7.5 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.837 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

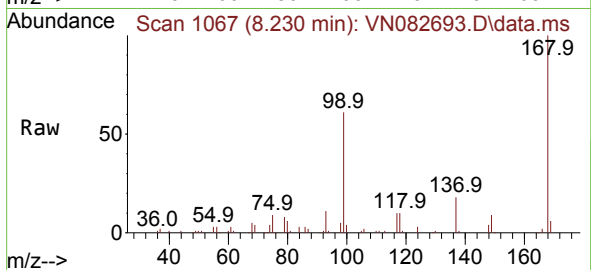
Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :



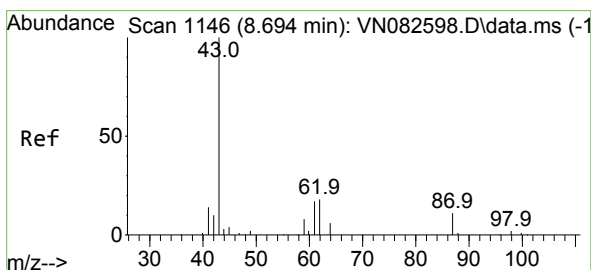
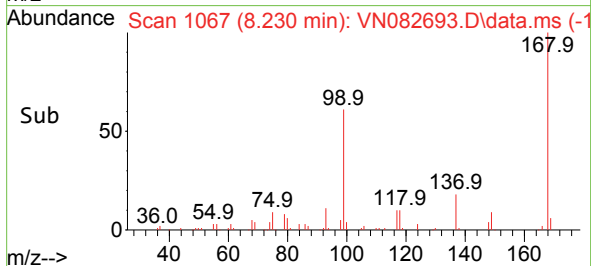
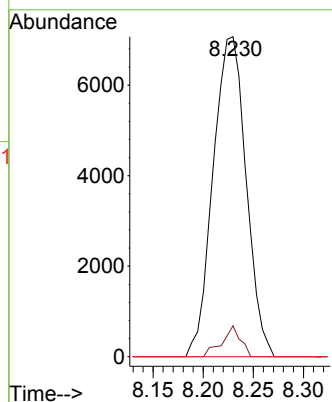
Tgt Ion:117 Resp: 16154

Ion Ratio Lower Upper

117 100

119 9.6 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 1.129 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

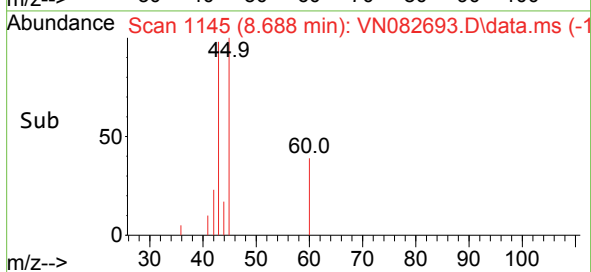
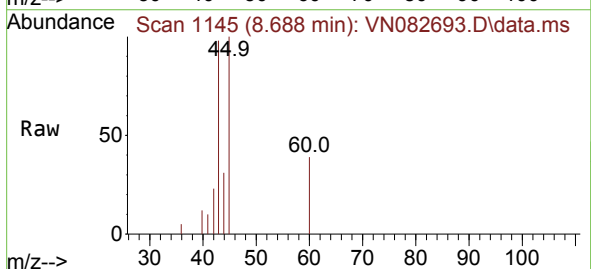
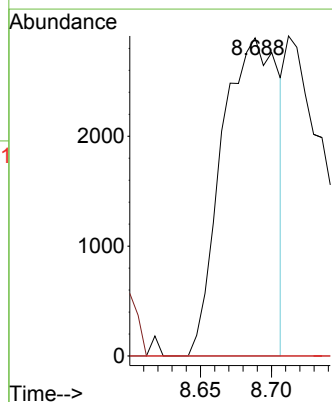
Tgt Ion: 43 Resp: 7967

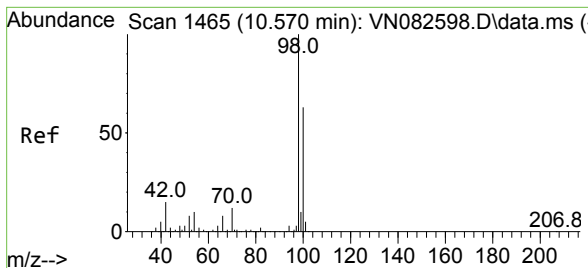
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

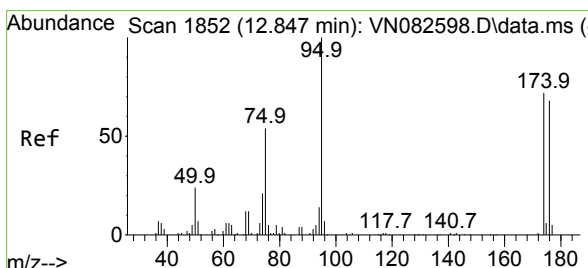
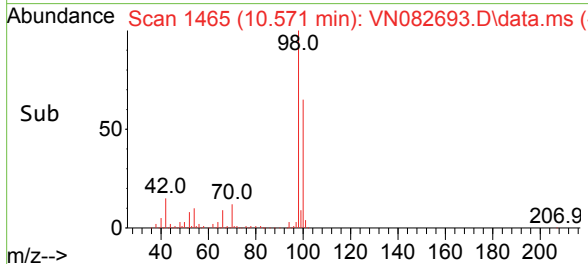
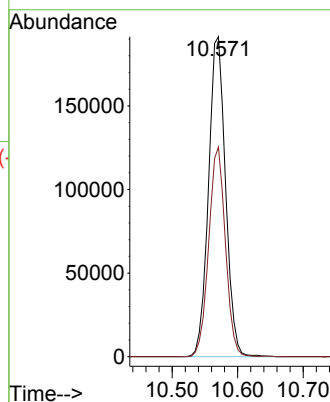
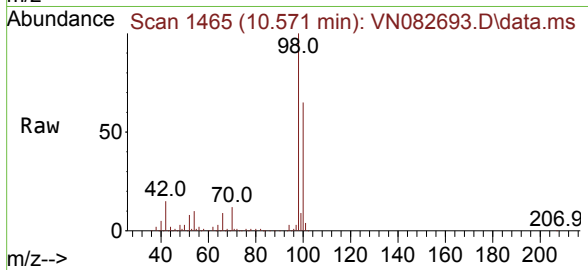




#50
Toluene-d8
Concen: 46.044 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

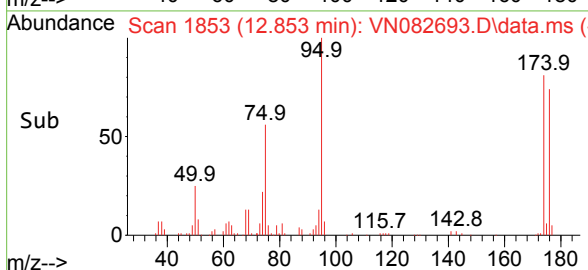
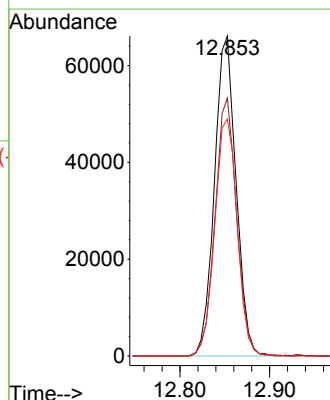
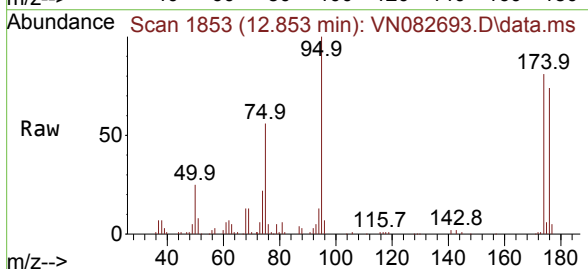
Instrument :
MSVOA_N
ClientSampleId :

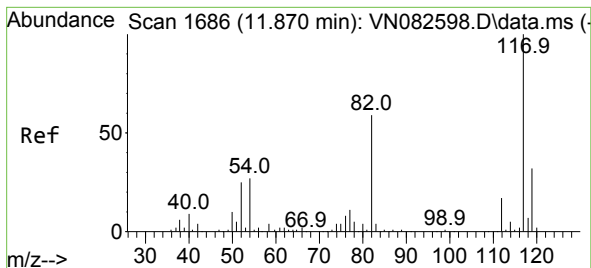
Tgt Ion: 98 Resp: 345167
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 42.691 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

Tgt Ion: 95 Resp: 110335
Ion Ratio Lower Upper
95 100
174 80.7 0.0 159.2
176 76.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

Instrument :

MSVOA_N

ClientSampleId :

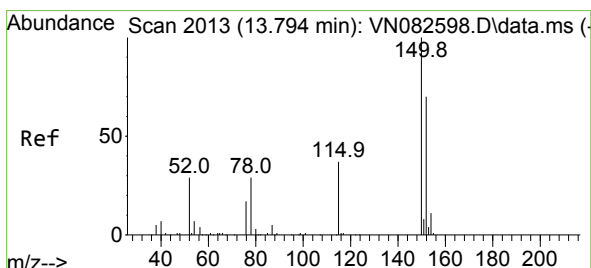
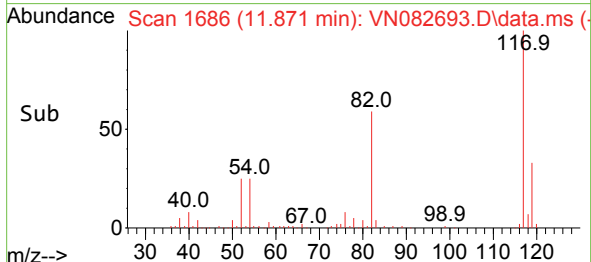
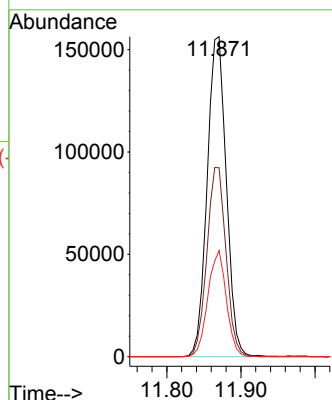
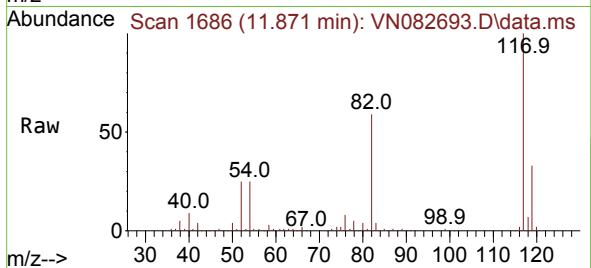
Tgt Ion:117 Resp: 280580

Ion Ratio Lower Upper

117 100

82 59.1 47.5 71.3

119 33.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082693.D

Acq: 24 Jun 2024 10:57

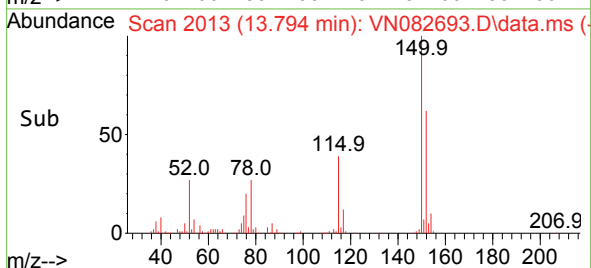
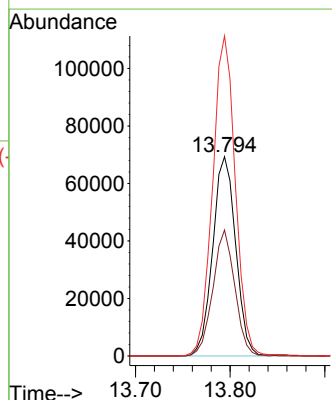
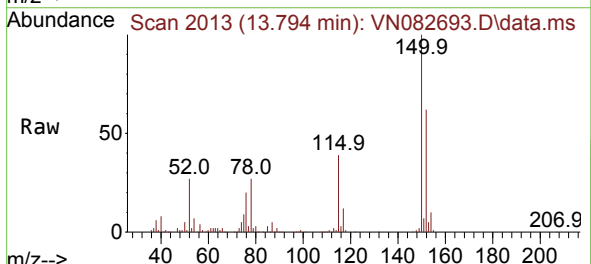
Tgt Ion:152 Resp: 117095

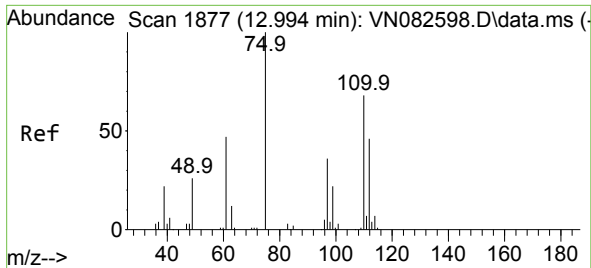
Ion Ratio Lower Upper

152 100

115 60.3 30.6 91.6

150 158.6 0.0 348.6

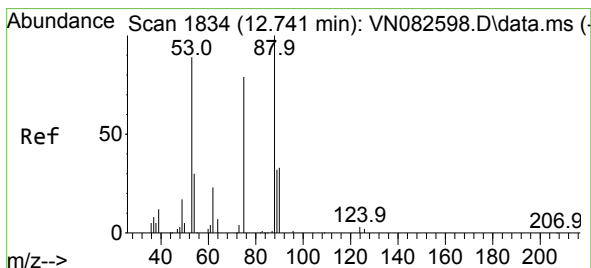
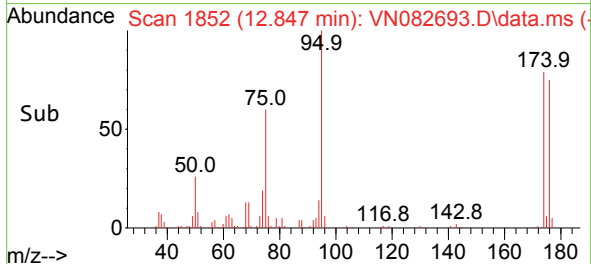
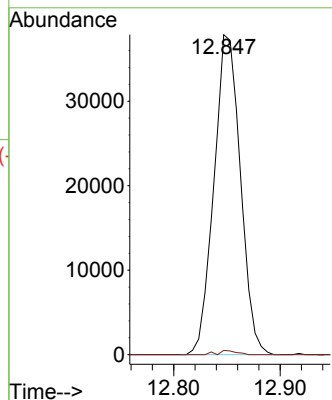
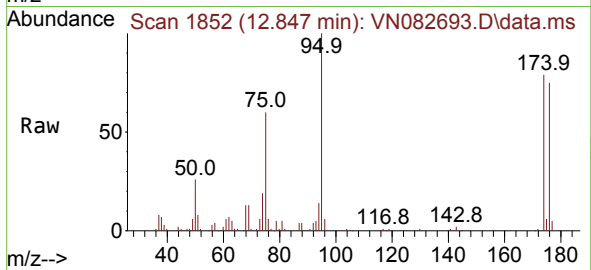




#76
1,2,3-Trichloropropane
Concen: 22.806 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65316
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.562 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082693.D
Acq: 24 Jun 2024 10:57

Tgt Ion: 75 Resp: 65316
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

