

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082697.D
 Acq On : 24 Jun 2024 13:19
 Operator : JC\MD
 Sample : P3034-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:27:14 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)

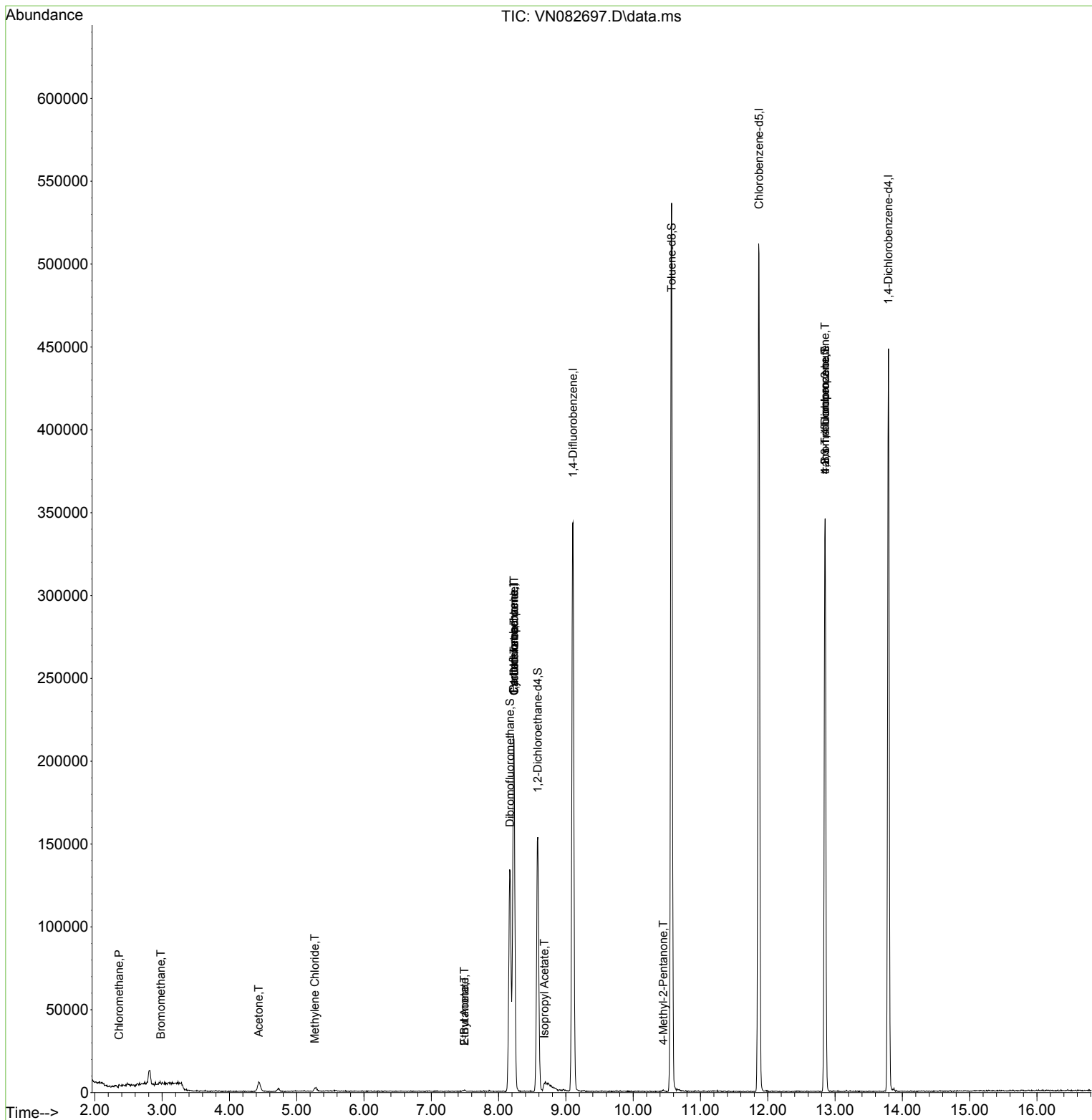
Internal Standards						
1) Pentafluorobenzene	8.224	168	153736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	271410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111724	50.000	ug/l	0.00

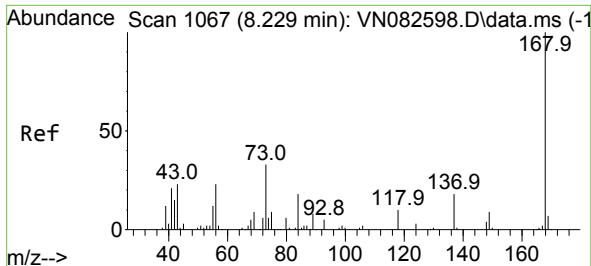
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127479	51.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.420%	
35) Dibromofluoromethane	8.171	113	96289	50.231	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.460%	
50) Toluene-d8	10.571	98	345366	47.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.280%	
62) 4-Bromofluorobenzene	12.853	95	109820	43.941	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 87.880%	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	886	0.344	ug/l	92
5) Bromomethane	2.983	94	748	0.474	ug/l #	69
16) Acetone	4.436	43	11651	10.391	ug/l	100
20) Methylene Chloride	5.271	84	1687	0.856	ug/l #	79
25) 2-Butanone	7.494	43	1715	1.076	ug/l #	53
31) Cyclohexane	8.229	56	4632	1.302	ug/l #	13
36) 1,1-Dichloropropene	8.229	75	13910	4.854	ug/l #	52
37) Ethyl Acetate	7.494	43	1715	0.470	ug/l #	72
38) Carbon Tetrachloride	8.229	117	16123	4.993	ug/l #	17
43) Isopropyl Acetate	8.682	43	2589	0.380	ug/l #	60
51) 4-Methyl-2-Pentanone	10.447	43	1047	0.299	ug/l #	61
76) 1,2,3-Trichloropropane	12.853	75	62830	22.993	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	62830	55.008	ug/l #	6

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

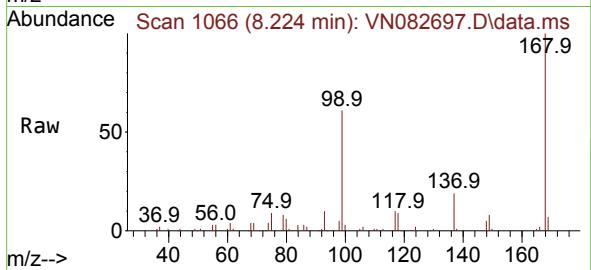
Quant Time: Jun 25 02:27:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



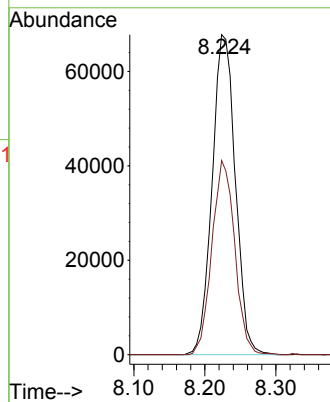
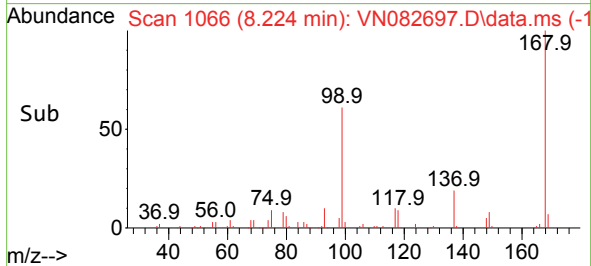


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

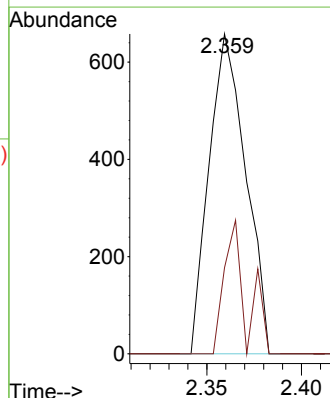
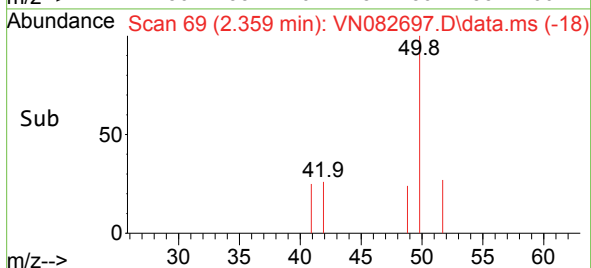
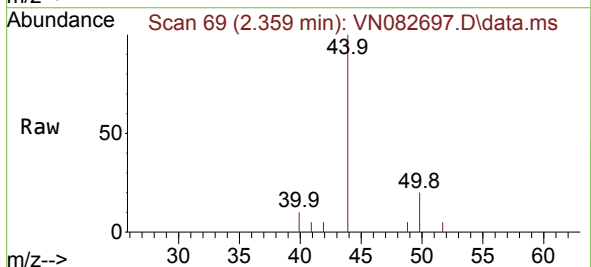


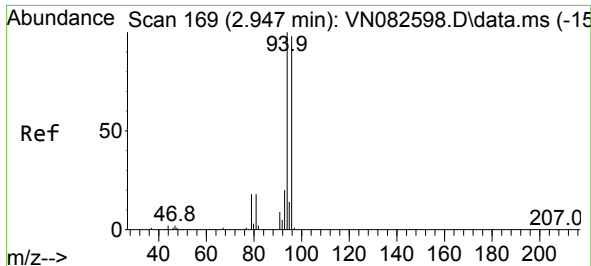
Tgt Ion:168 Resp: 153736
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#3
Chloromethane
Concen: 0.344 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Tgt Ion: 50 Resp: 886
Ion Ratio Lower Upper
50 100
52 26.9 25.0 37.4

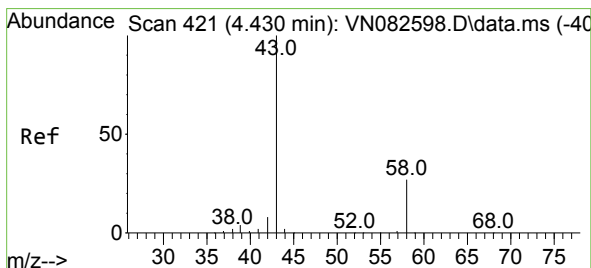
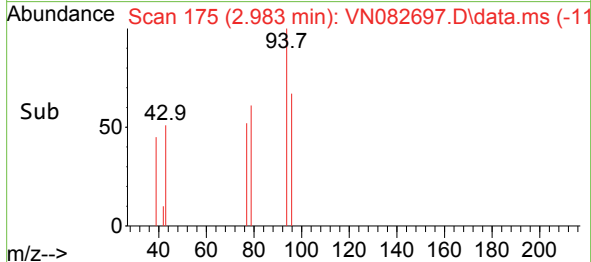
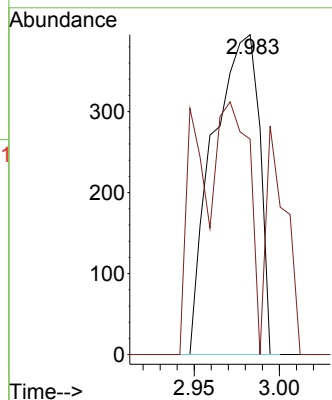
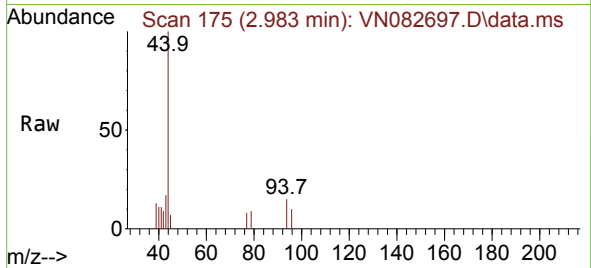




#5
Bromomethane
Concen: 0.474 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

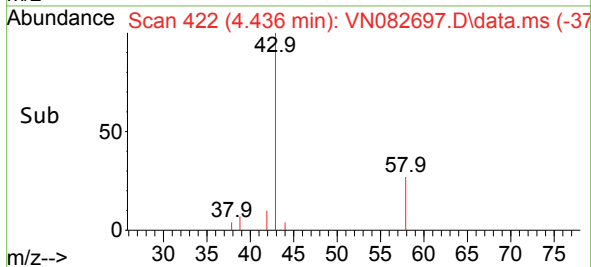
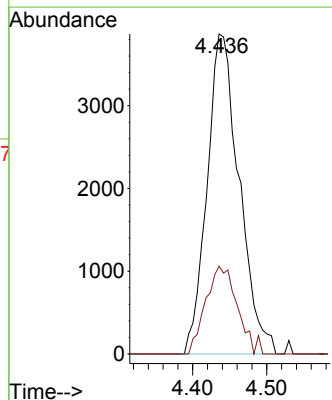
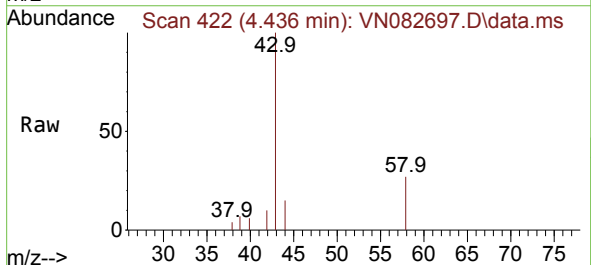
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 748
Ion Ratio Lower Upper
94 100
96 67.3 78.0 117.0#



#16
Acetone
Concen: 10.391 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

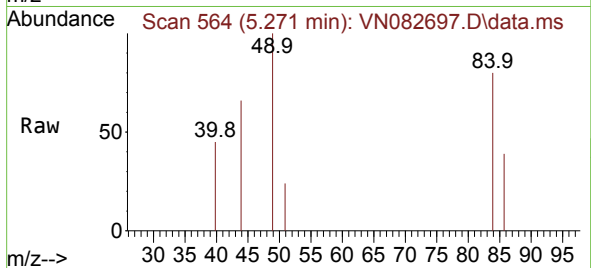
Tgt Ion: 43 Resp: 11651
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.6



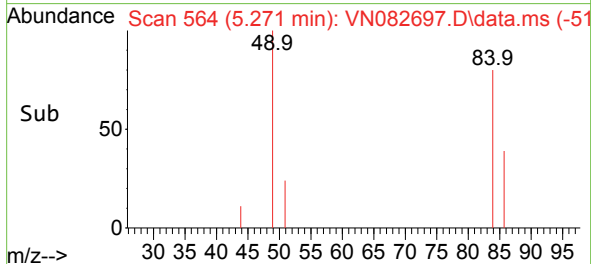
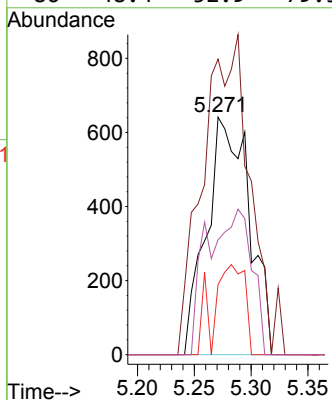


#20
Methylene Chloride
Concen: 0.856 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

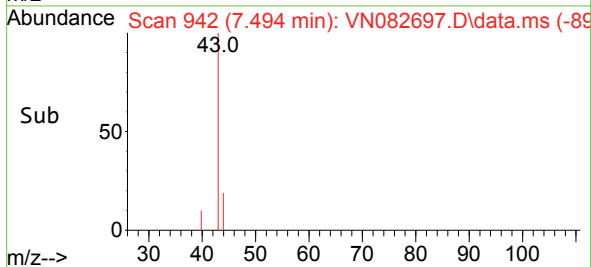
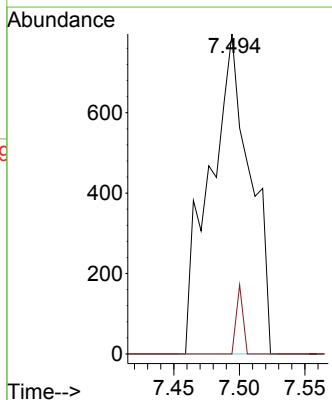
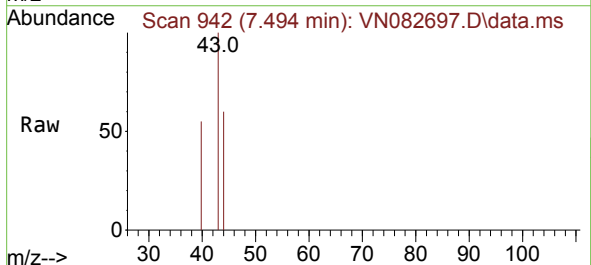


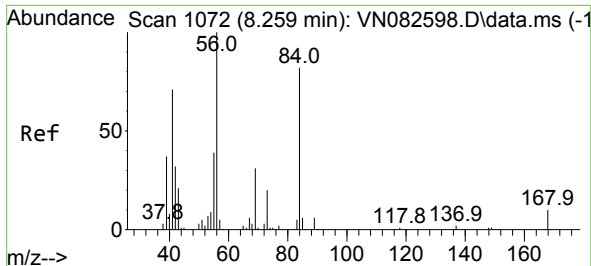
Tgt Ion: 84 Resp: 1687
Ion Ratio Lower Upper
84 100
49 124.5 119.6 179.4
51 29.5 34.8 52.2#
86 48.4 52.9 79.3#



#25
2-Butanone
Concen: 1.076 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

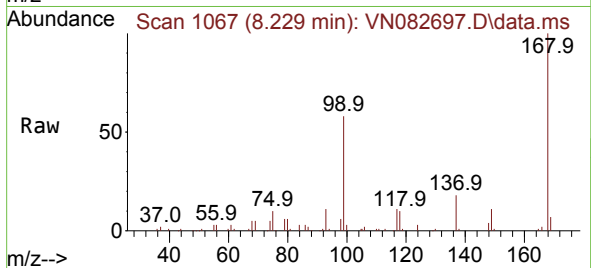
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



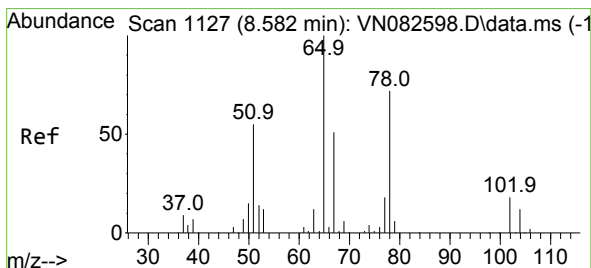
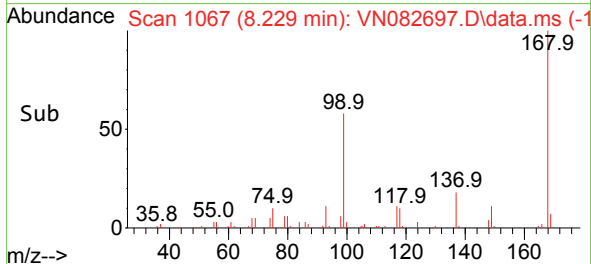
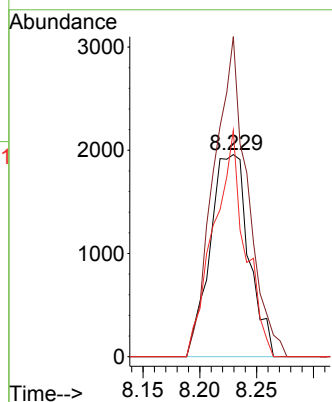


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

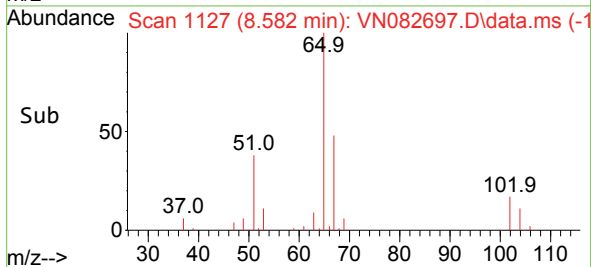
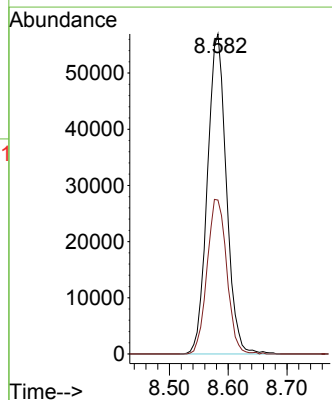
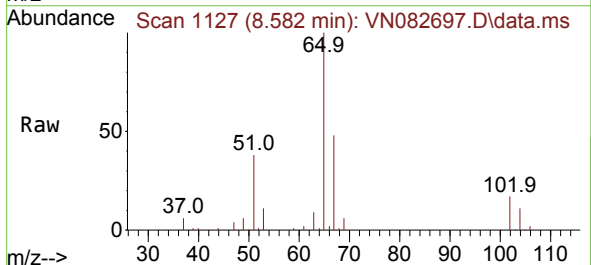


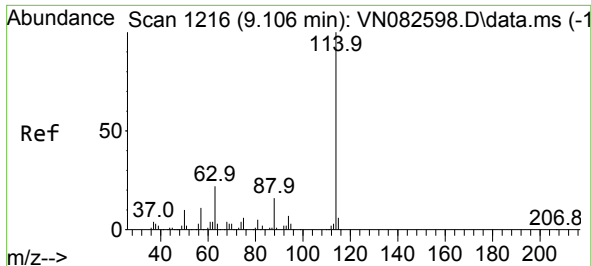
Tgt Ion: 56 Resp: 4632
Ion Ratio Lower Upper
56 100
69 158.3 24.5 36.7#
84 111.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 51.708 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Tgt Ion: 65 Resp: 127479
Ion Ratio Lower Upper
65 100
67 50.2 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: VN082697.D

Acq: 24 Jun 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

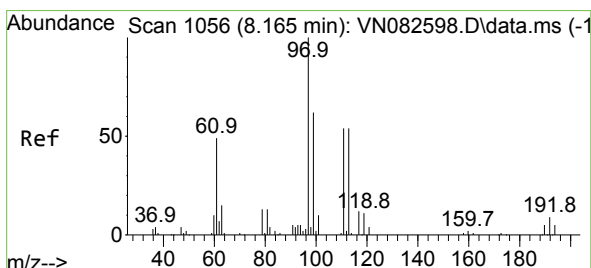
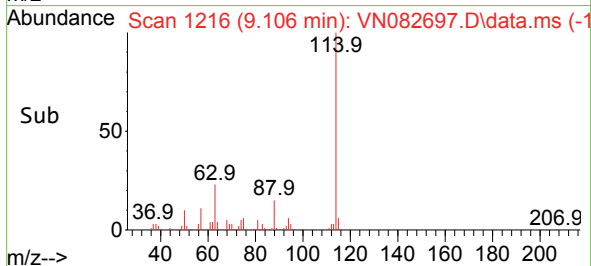
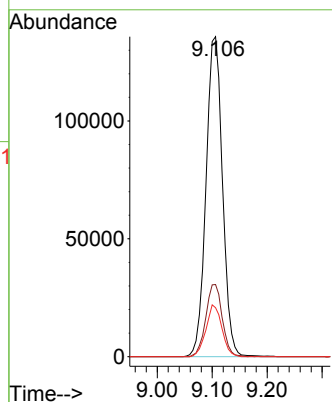
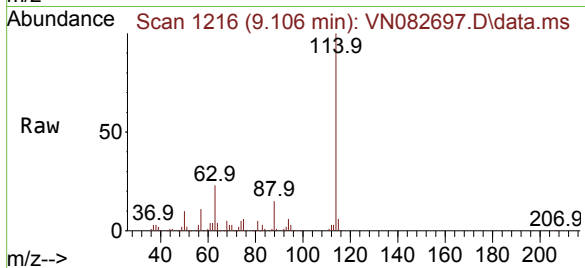
Tgt Ion:114 Resp: 282571

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082697.D

Acq: 24 Jun 2024 13:19

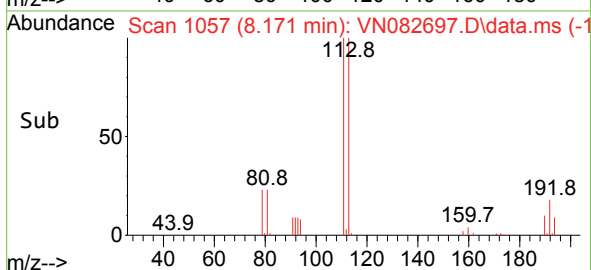
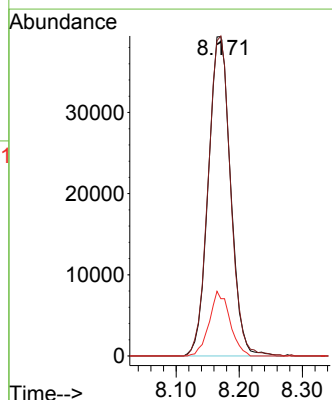
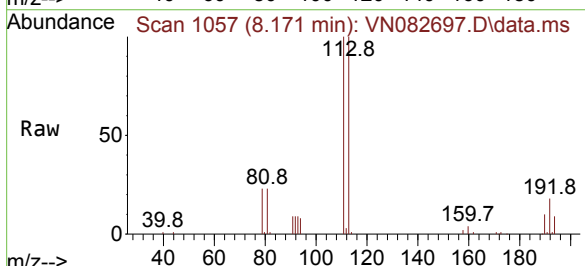
Tgt Ion:113 Resp: 96289

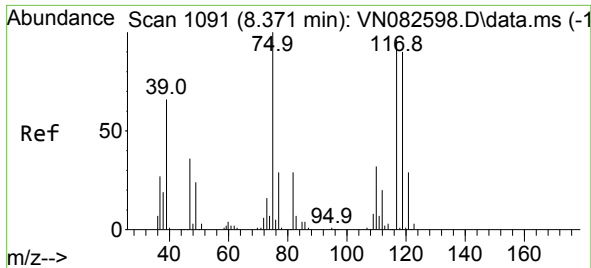
Ion Ratio Lower Upper

113 100

111 100.4 82.4 123.6

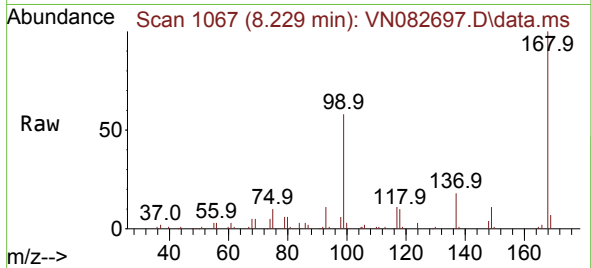
192 18.8 14.9 22.3



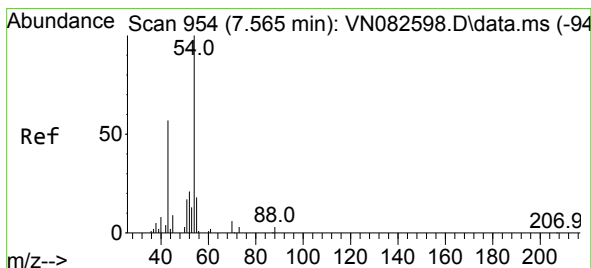
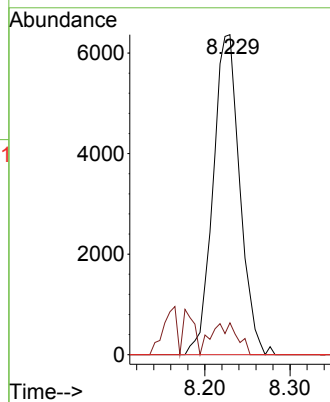
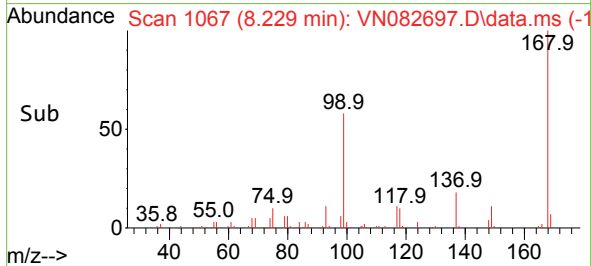


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

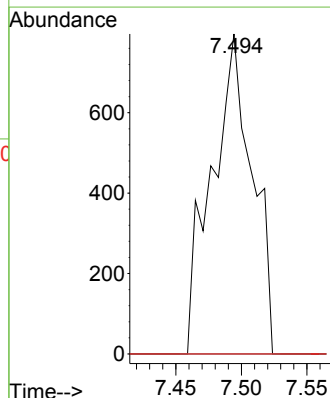
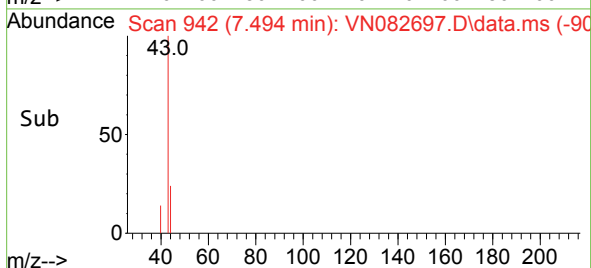
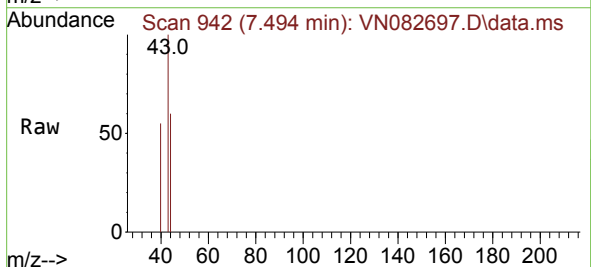


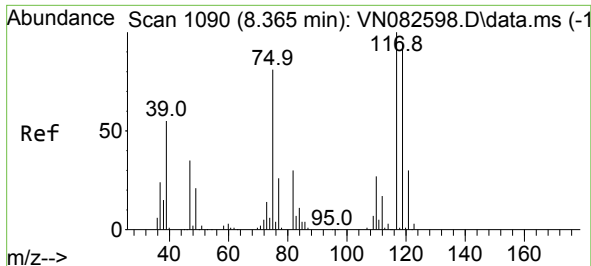
Tgt Ion: 75 Resp: 13910
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 0.470 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.071 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

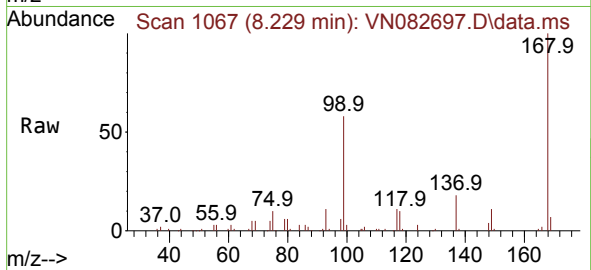
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 0.0 7.0 10.6#



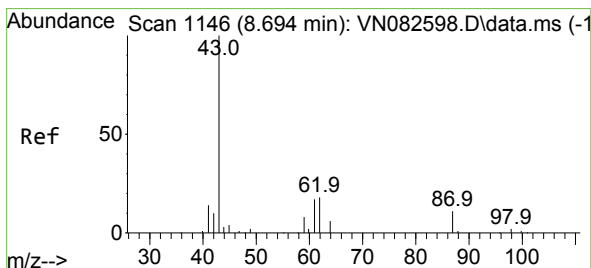
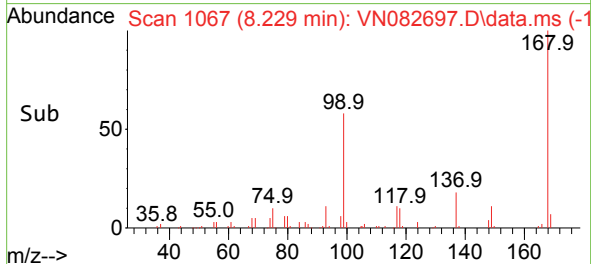
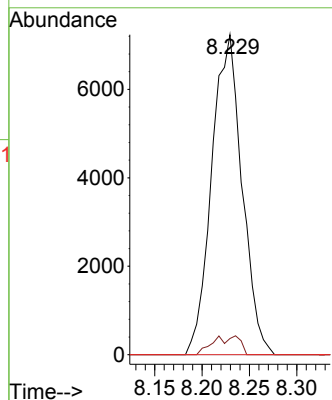


#38
Carbon Tetrachloride
Concen: 4.993 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :

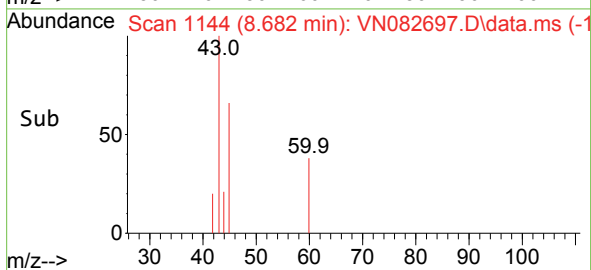
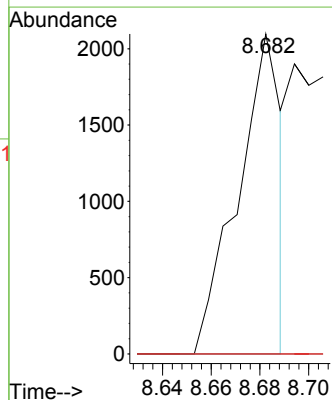
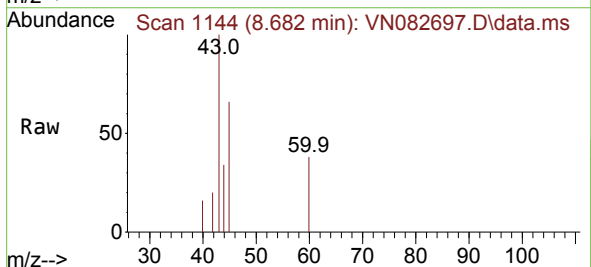


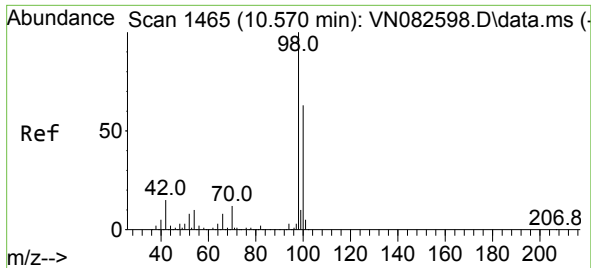
Tgt Ion:117 Resp: 16123
Ion Ratio Lower Upper
117 100
119 5.1 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 0.380 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Tgt Ion: 43 Resp: 2589
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

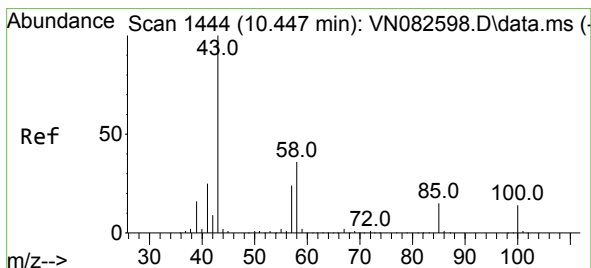
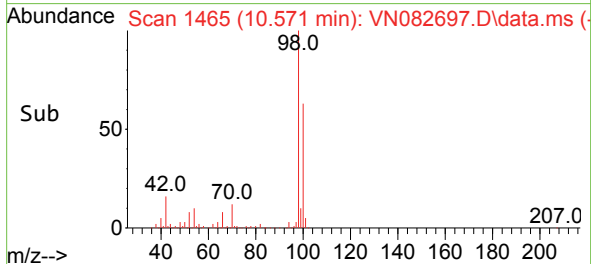
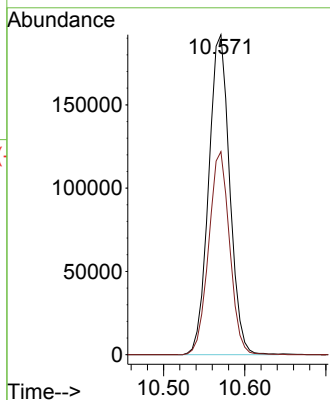
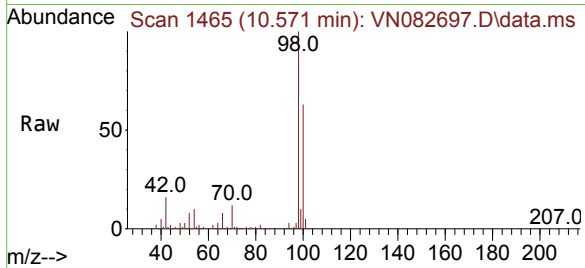




#50
Toluene-d8
Concen: 47.642 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

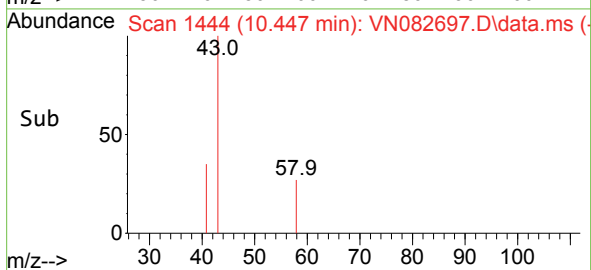
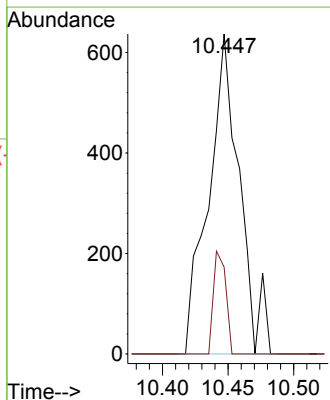
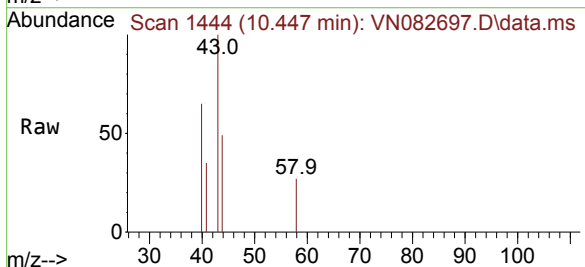
Instrument :
MSVOA_N
ClientSampleId :

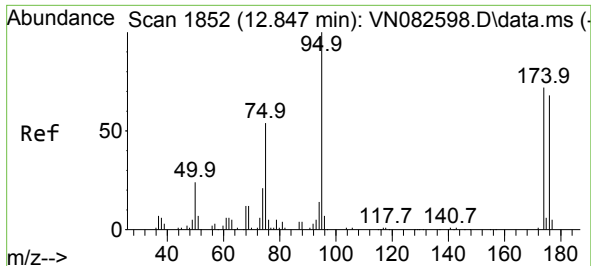
Tgt Ion: 98 Resp: 345366
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.299 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082697.D
Acq: 24 Jun 2024 13:19

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 12.7 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 43.941 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082697.D

Acq: 24 Jun 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

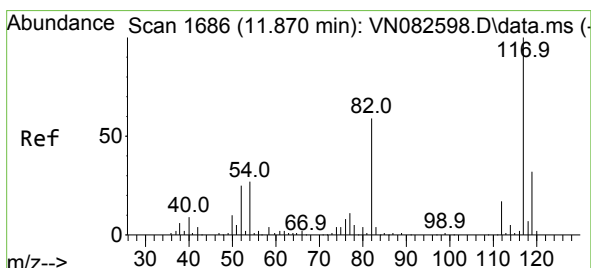
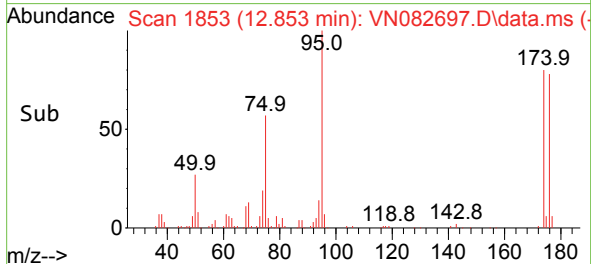
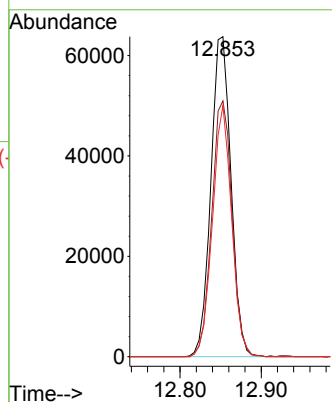
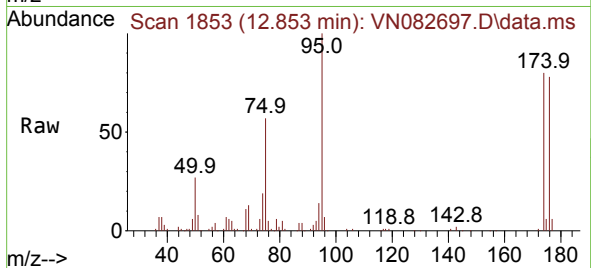
Tgt Ion: 95 Resp: 109820

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.2

176 74.7 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: VN082697.D

Acq: 24 Jun 2024 13:19

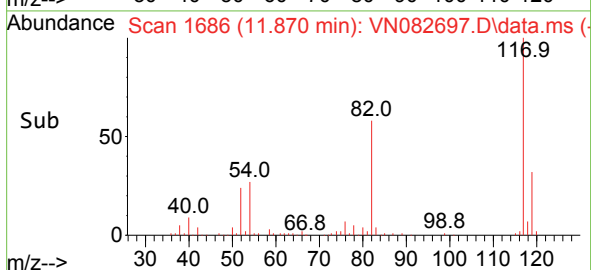
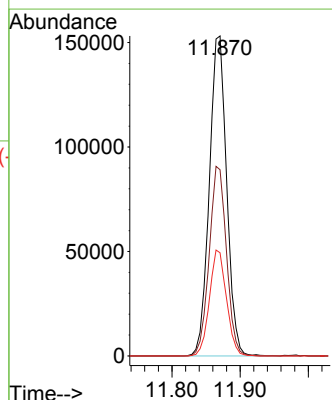
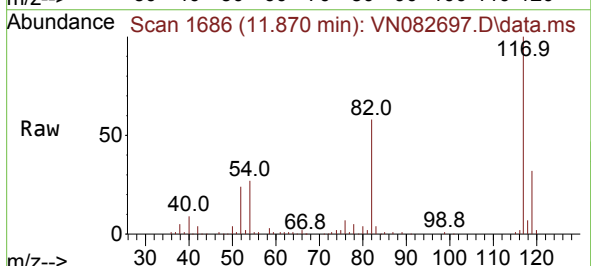
Tgt Ion: 117 Resp: 271410

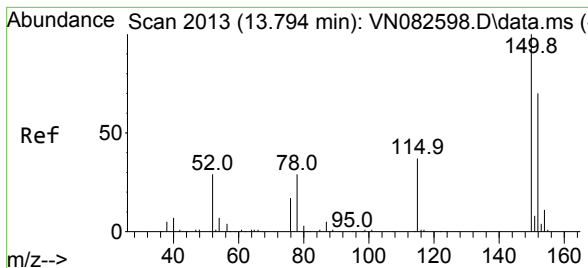
Ion Ratio Lower Upper

117 100

82 58.2 47.5 71.3

119 32.2 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: VN082697.D

Acq: 24 Jun 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

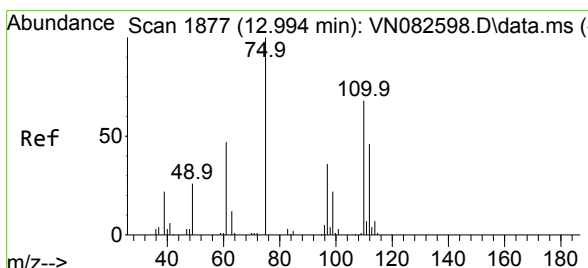
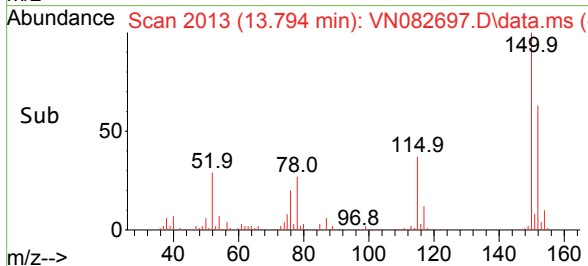
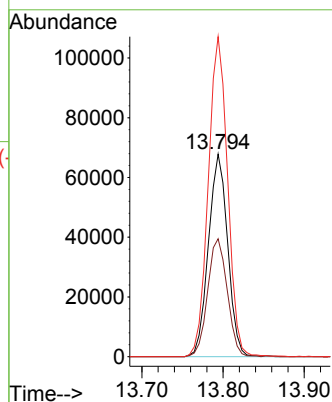
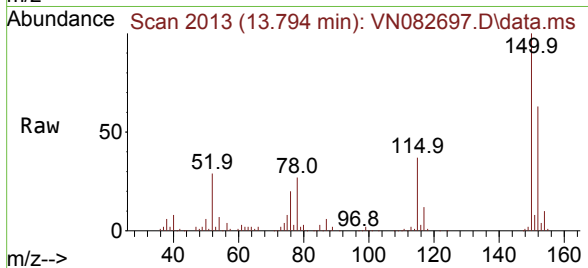
Tgt Ion:152 Resp: 111724

Ion Ratio Lower Upper

152 100

115 59.2 30.6 91.6

150 158.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 22.993 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082697.D

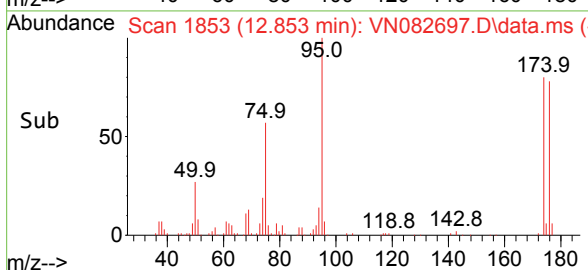
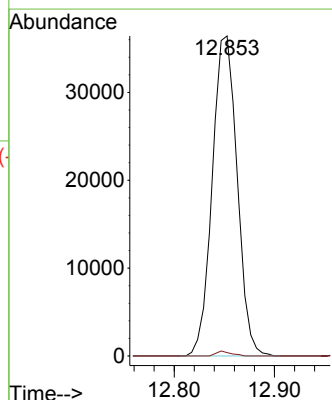
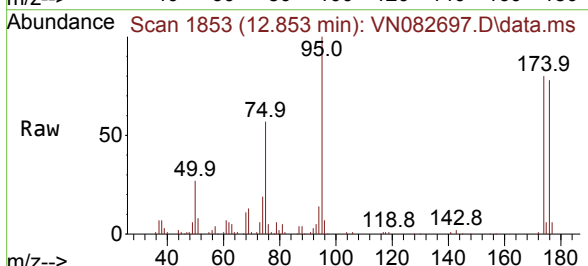
Acq: 24 Jun 2024 13:19

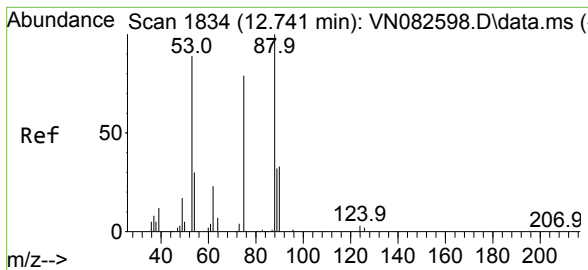
Tgt Ion: 75 Resp: 62830

Ion Ratio Lower Upper

75 100

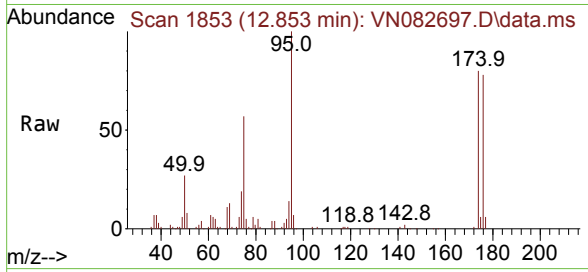
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.008 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082697.D
 Acq: 24 Jun 2024 13:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 62830
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.4 132.6#
 89 0.1 36.3 54.5#

