

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082698.D
 Acq On : 24 Jun 2024 13:43
 Operator : JC\MD
 Sample : P3034-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:27:40 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)

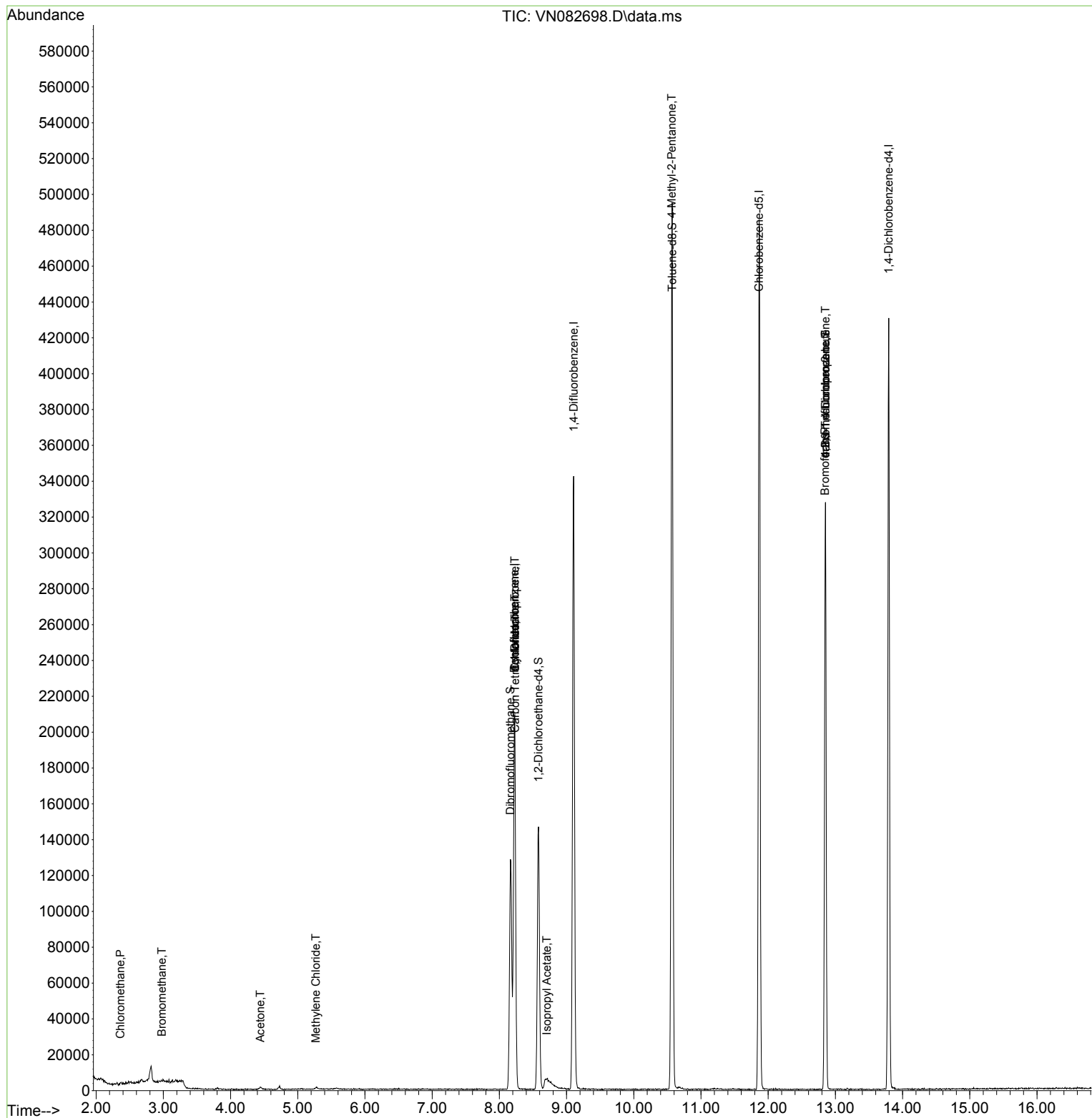
Internal Standards						
1) Pentafluorobenzene	8.224	168	146912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	121204	51.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.900%
35) Dibromofluoromethane	8.165	113	89950	48.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.720%
50) Toluene-d8	10.571	98	320549	46.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.853	95	101649	42.353	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	84.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1182	0.481	ug/l #	87
5) Bromomethane	2.977	94	623	0.413	ug/l	95
16) Acetone	4.442	43	2357	2.200	ug/l #	27
20) Methylene Chloride	5.271	84	763	0.405	ug/l #	38
31) Cyclohexane	8.230	56	4293	1.263	ug/l #	47
36) 1,1-Dichloropropene	8.230	75	13831	5.026	ug/l #	52
38) Carbon Tetrachloride	8.236	117	15429	4.975	ug/l #	19
43) Isopropyl Acetate	8.706	43	7098	1.084	ug/l #	60
51) 4-Methyl-2-Pentanone	10.565	43	1845	0.549	ug/l #	1
71) Bromoform	12.847	173	407	0.241	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	60947	23.021	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	60947	55.076	ug/l #	6

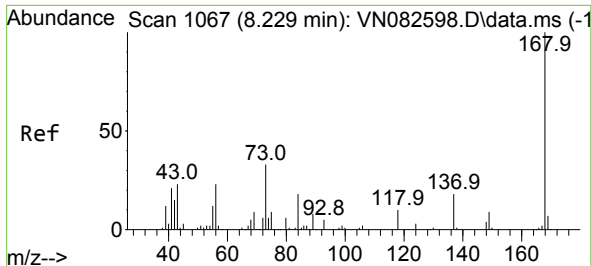
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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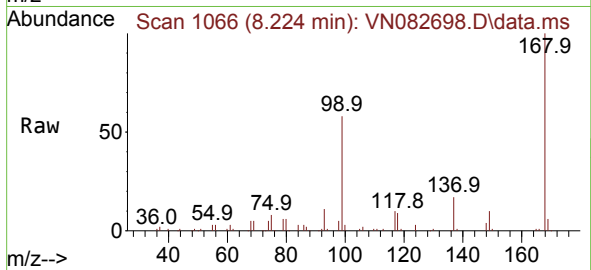
Quant Time: Jun 25 02:27:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



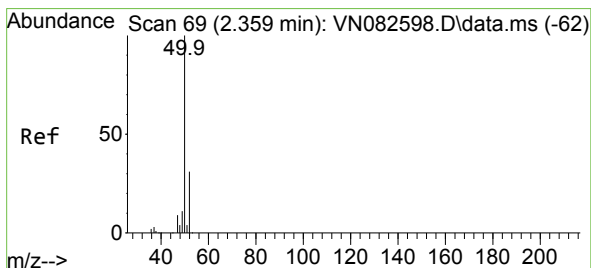
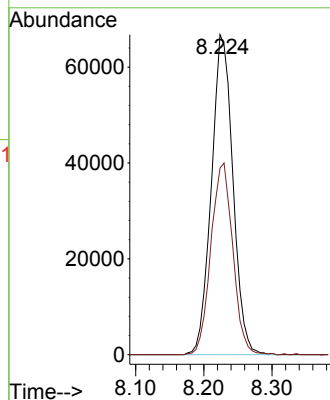
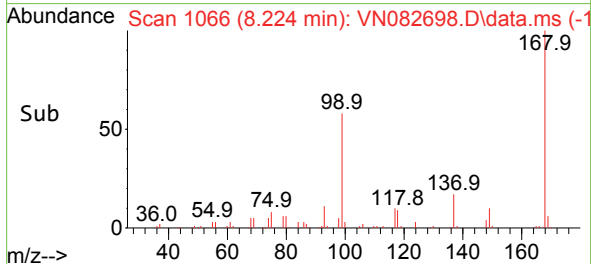


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

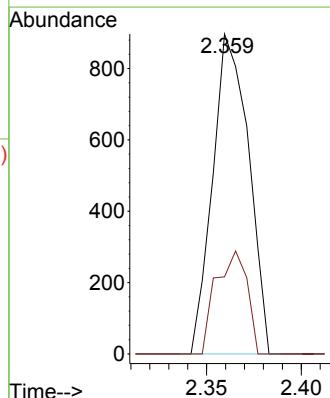
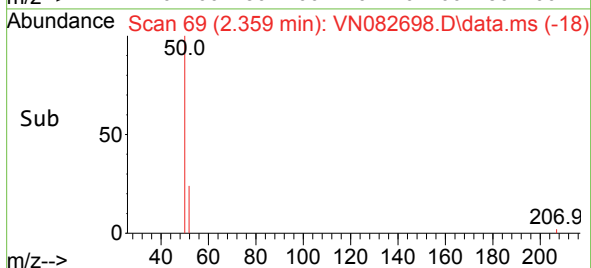
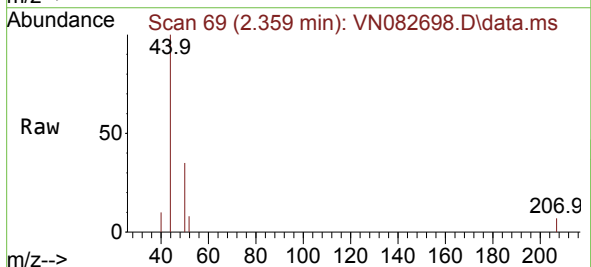


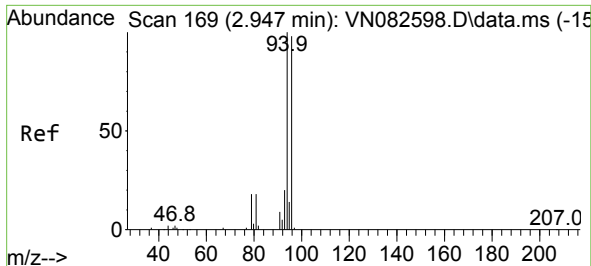
Tgt Ion:168 Resp: 146912
Ion Ratio Lower Upper
168 100
99 58.3 48.2 72.4



#3
Chloromethane
Concen: 0.481 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 50 Resp: 1182
Ion Ratio Lower Upper
50 100
52 24.1 25.0 37.4#

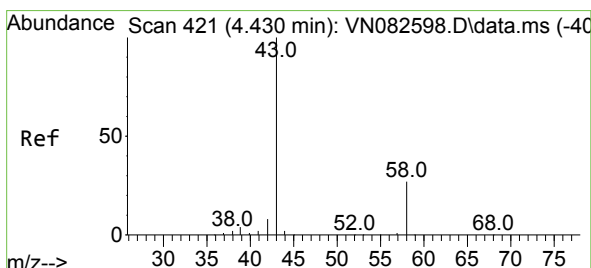
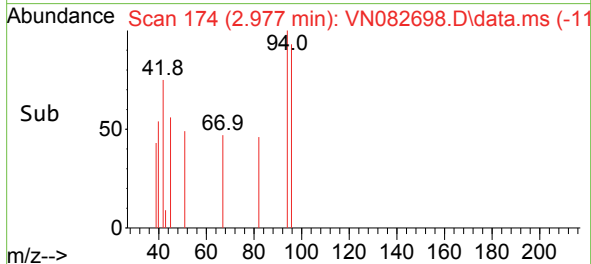
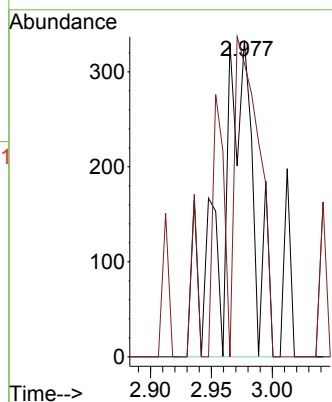
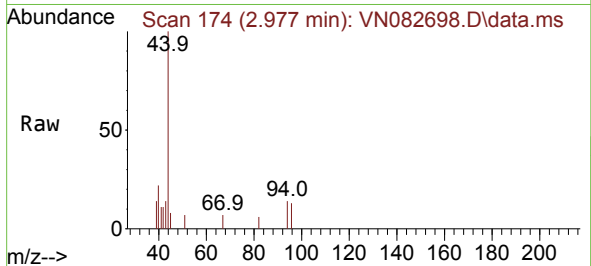




#5
Bromomethane
Concen: 0.413 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

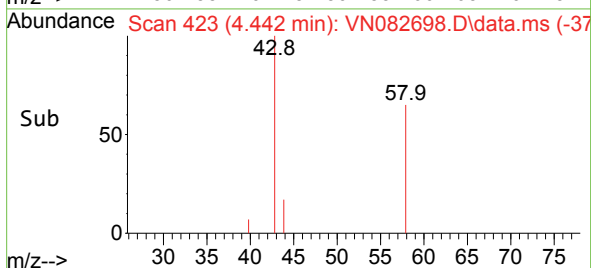
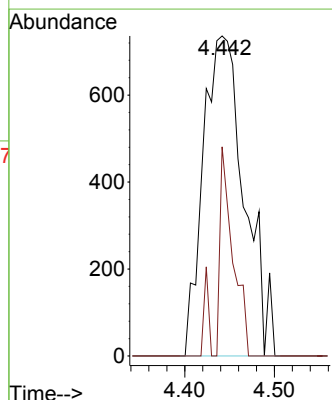
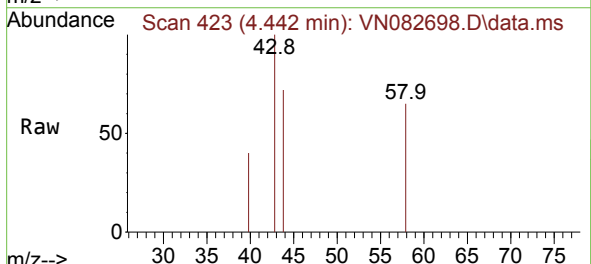
Instrument :
MSVOA_N
ClientSampleId :

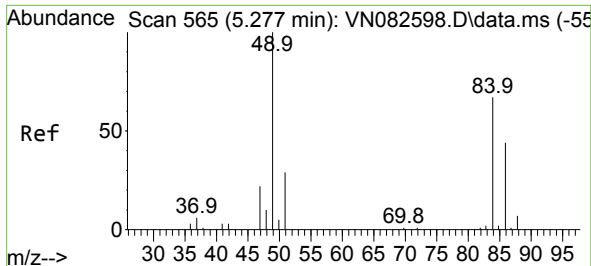
Tgt Ion: 94 Resp: 623
Ion Ratio Lower Upper
94 100
96 92.8 78.0 117.0



#16
Acetone
Concen: 2.200 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

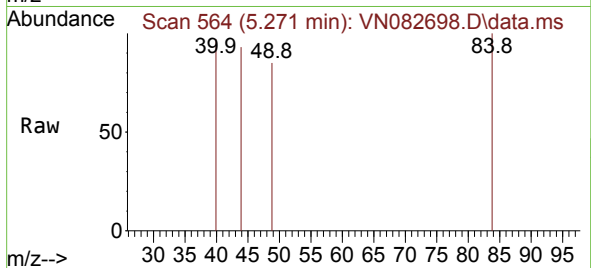
Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
58 65.4 21.8 32.6#



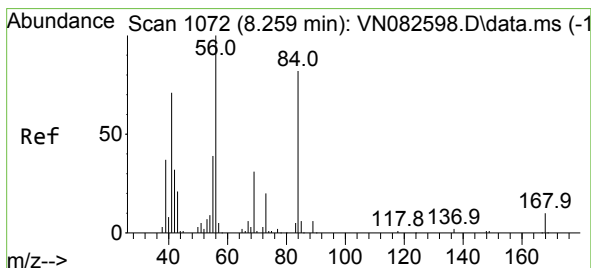
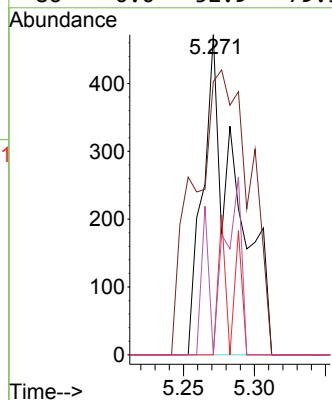


#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

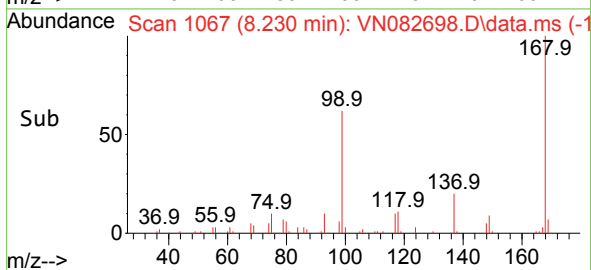
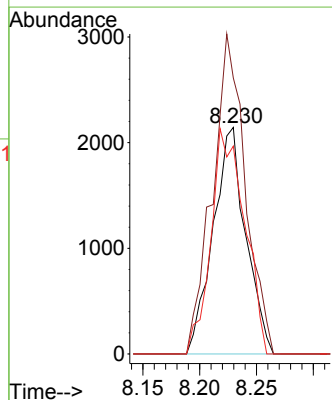
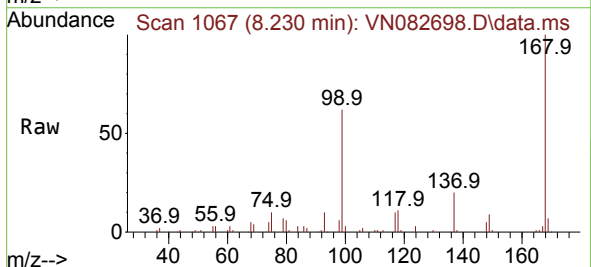


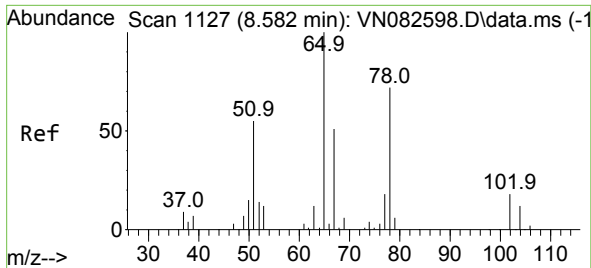
Tgt Ion:	84	Resp:	763
Ion	Ratio	Lower	Upper
84	100		
49	85.4	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion:	56	Resp:	4293
Ion	Ratio	Lower	Upper
56	100		
69	121.8	24.5	36.7#
84	91.8	66.0	99.0

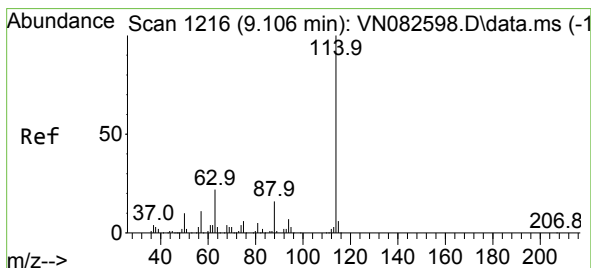
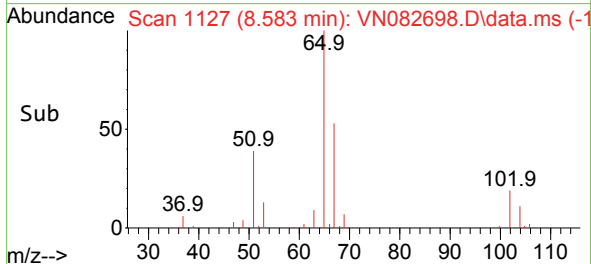
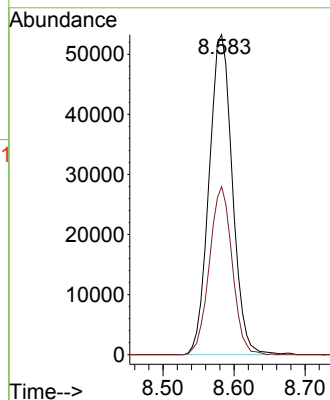
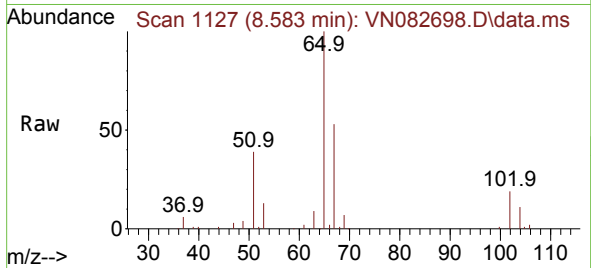




#33
1,2-Dichloroethane-d4
Concen: 51.446 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

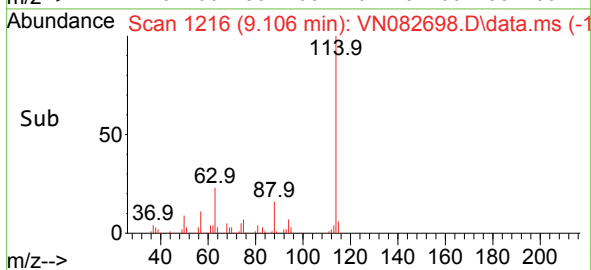
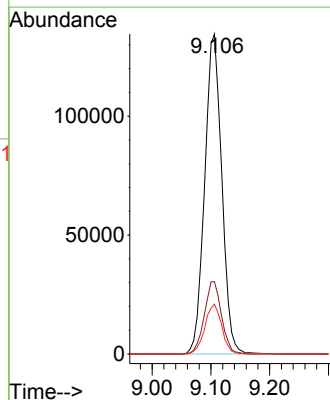
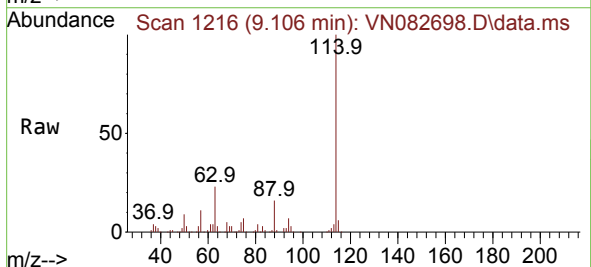
Instrument :
MSVOA_N
ClientSampleId :

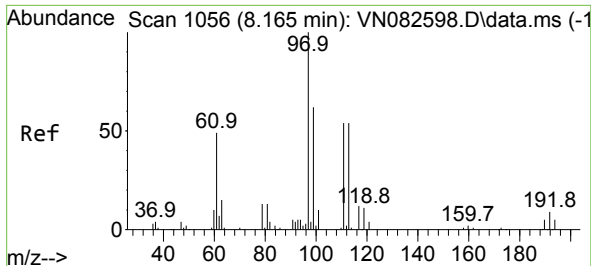
Tgt Ion: 65 Resp: 121204
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

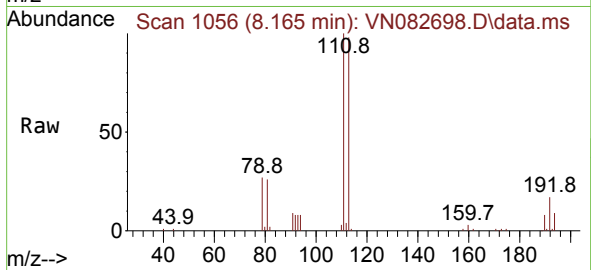
Tgt Ion: 114 Resp: 271351
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 15.6 0.0 31.4



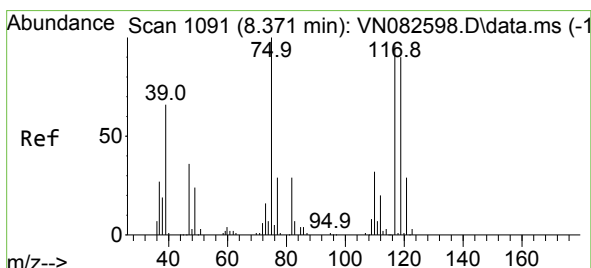
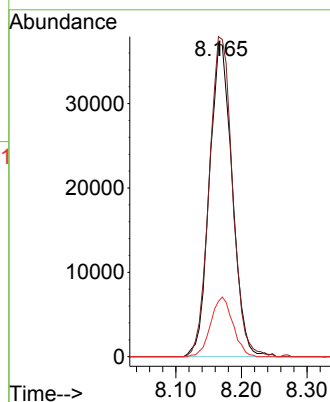
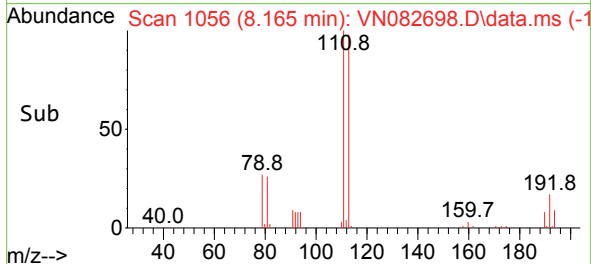


#35
Dibromofluoromethane
Concen: 48.864 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

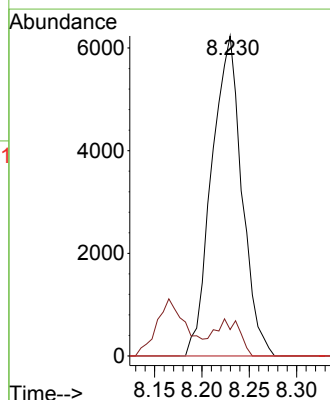
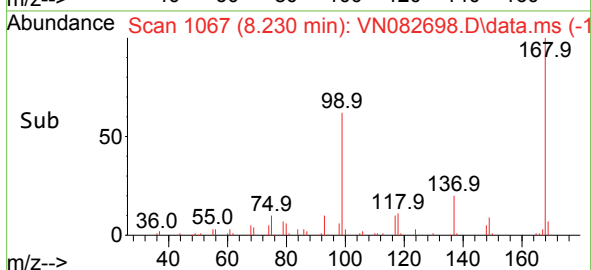
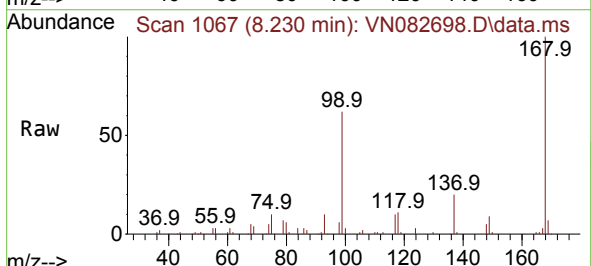


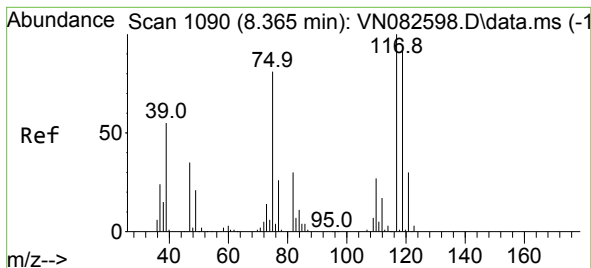
Tgt Ion:113 Resp: 89950
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 75 Resp: 13831
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 4.975 ug/l

RT: 8.236 min Scan# 1108

Delta R.T. -0.129 min

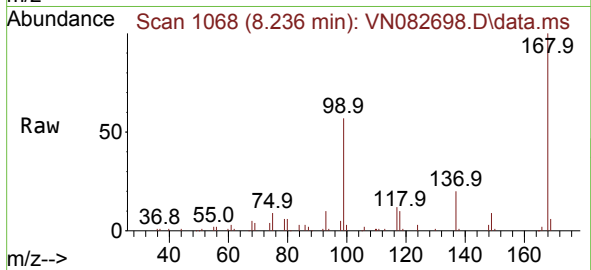
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Acq: 24 Jun 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :



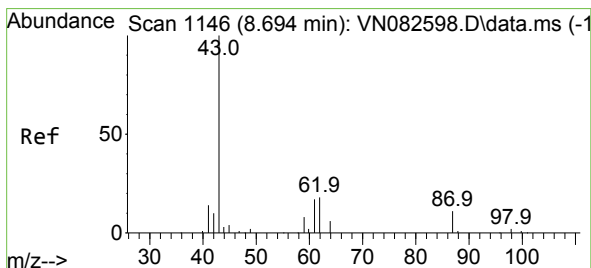
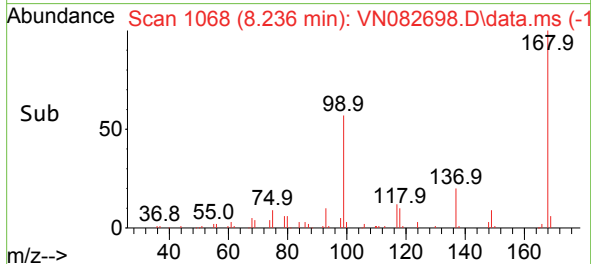
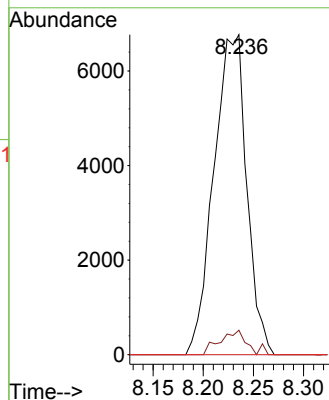
Tgt Ion:117 Resp: 15429

Ion Ratio Lower Upper

117 100

119 7.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 1.084 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN082698.D

Acq: 24 Jun 2024 13:43

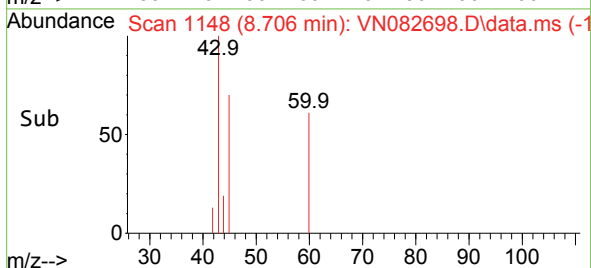
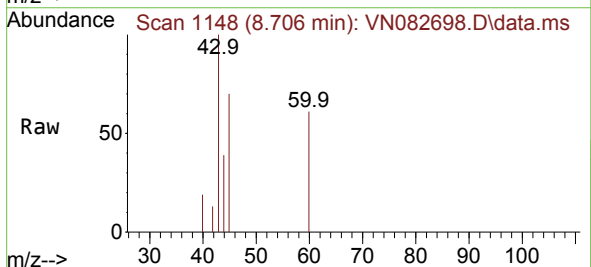
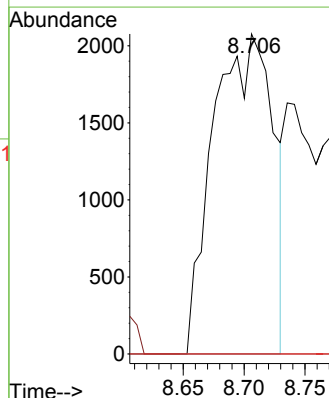
Tgt Ion: 43 Resp: 7098

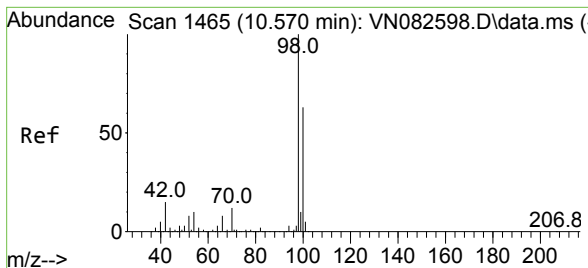
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

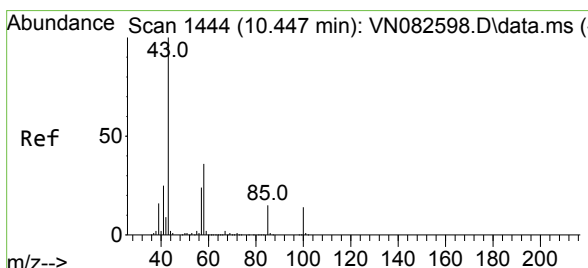
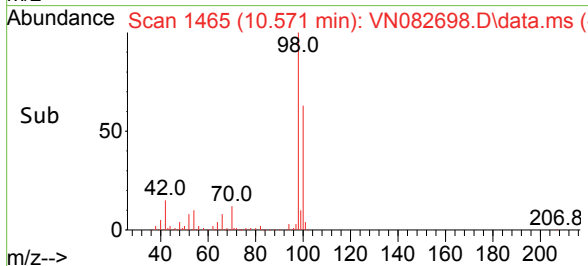
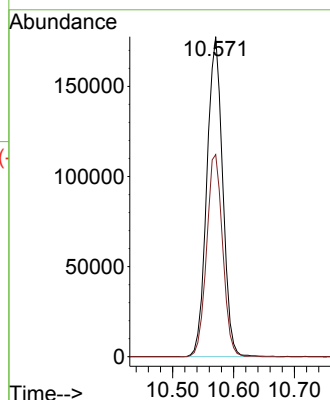
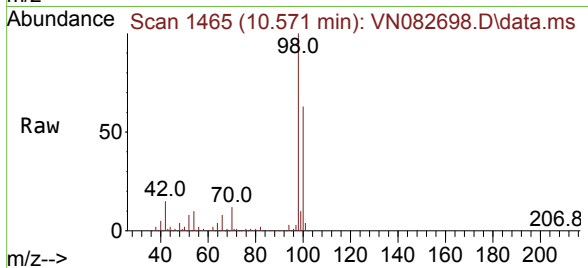




#50
Toluene-d8
Concen: 46.047 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

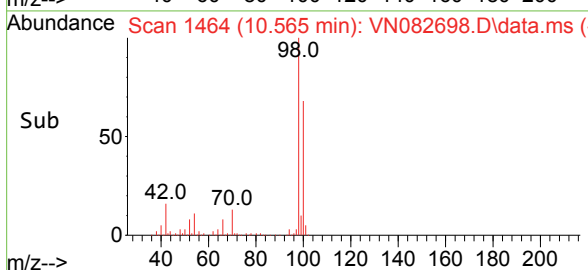
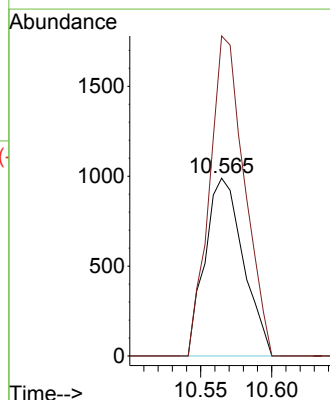
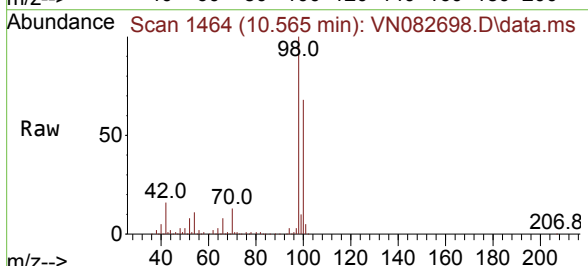
Instrument :
MSVOA_N
ClientSampleId :

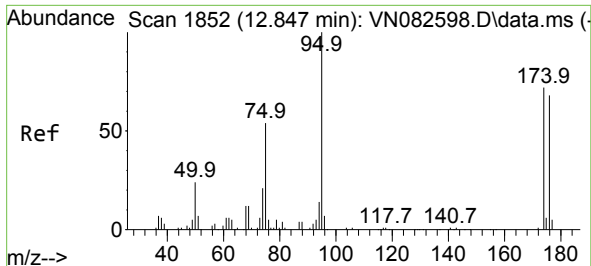
Tgt Ion: 98 Resp: 320549
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
58 164.8 28.2 42.4#

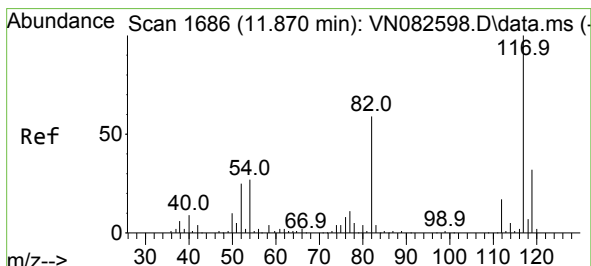
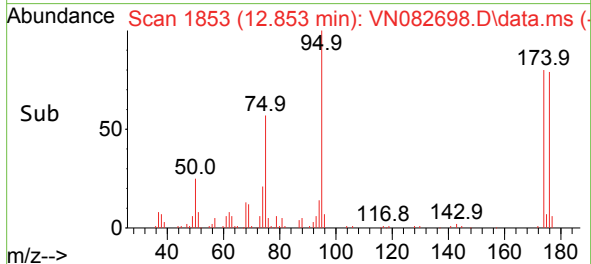
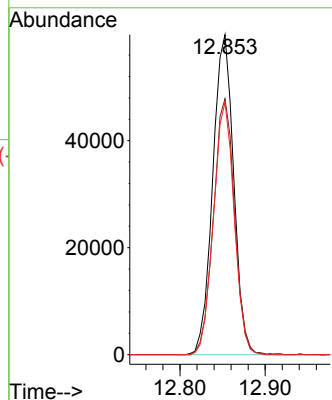
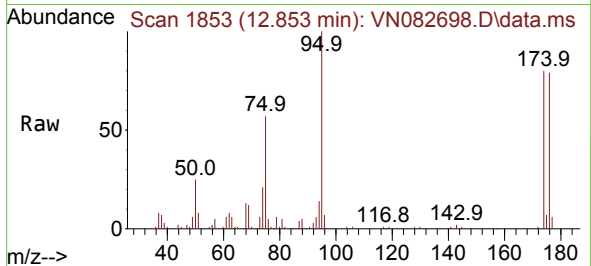




#62
4-Bromofluorobenzene
Concen: 42.353 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

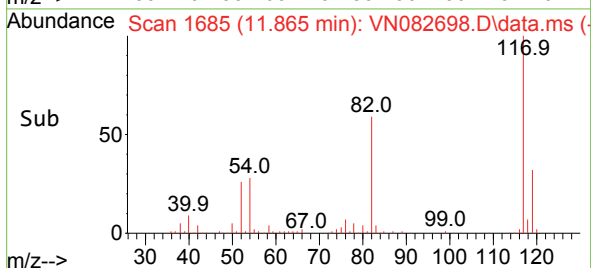
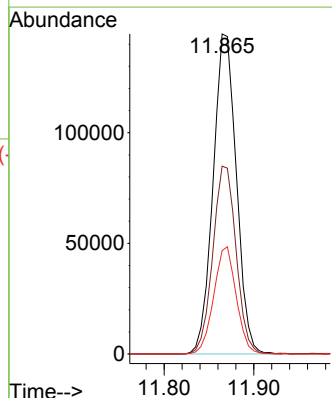
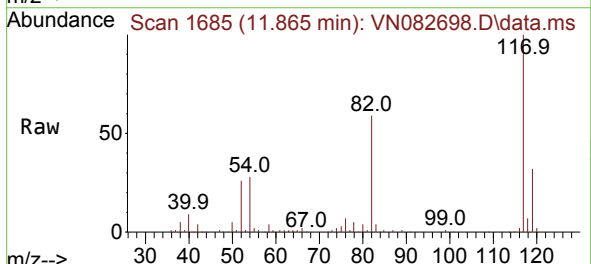
Instrument :
MSVOA_N
ClientSampleId :

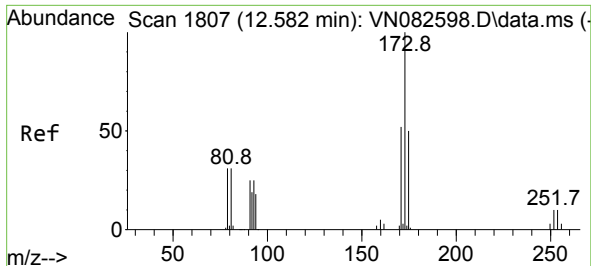
Tgt Ion: 95 Resp: 101649
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.2
176 78.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

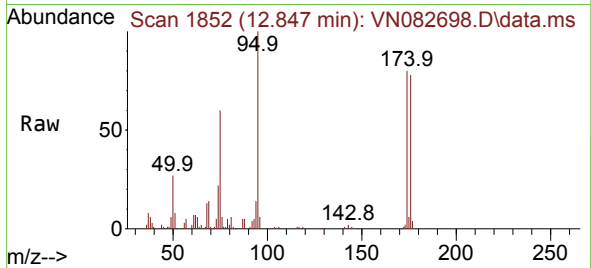
Tgt Ion: 117 Resp: 260773
Ion Ratio Lower Upper
117 100
82 58.7 47.5 71.3
119 32.3 25.6 38.4



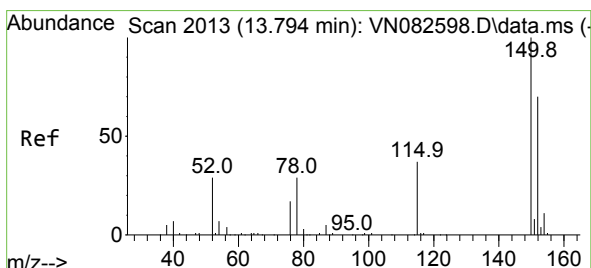
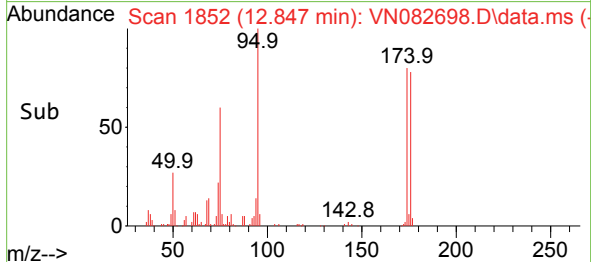
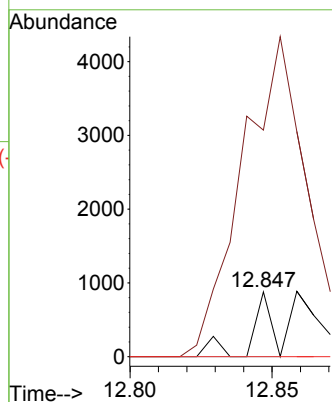


#71
Bromoform
Concen: 0.241 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

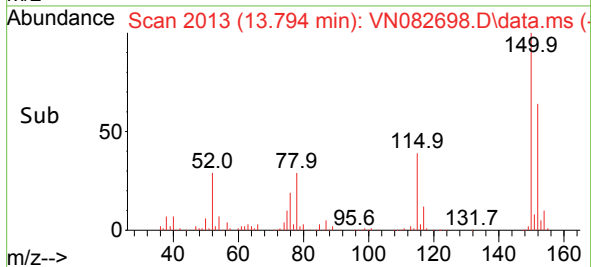
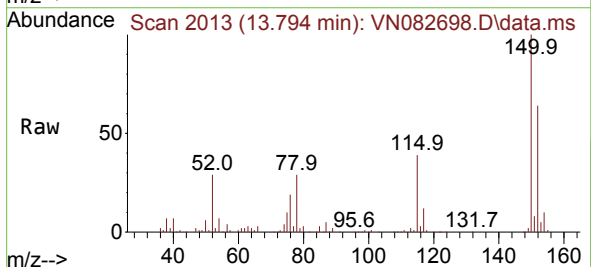
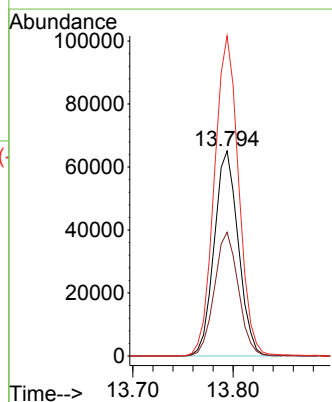


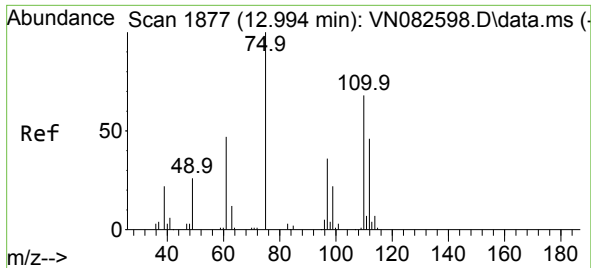
Tgt Ion:173 Resp: 407
Ion Ratio Lower Upper
173 100
175 1417.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion:152 Resp: 108242
Ion Ratio Lower Upper
152 100
115 60.1 30.6 91.6
150 157.9 0.0 348.6

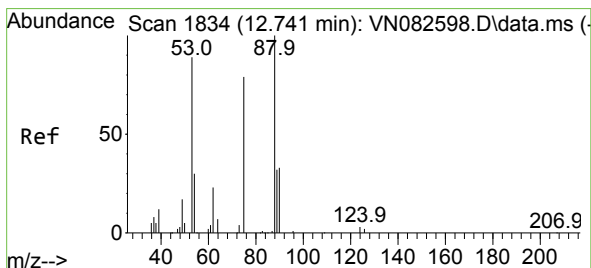
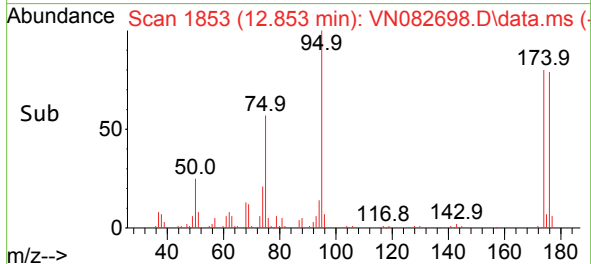
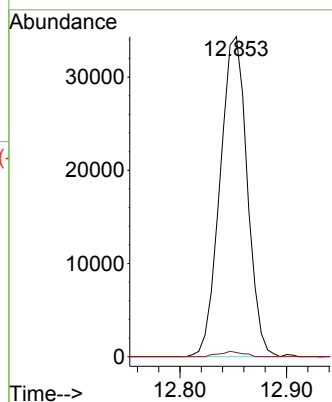
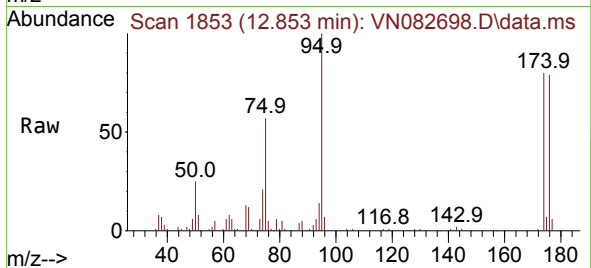




#76
1,2,3-Trichloropropane
Concen: 23.021 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 60947
Ion Ratio Lower Upper
75 100
77 1.4 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.076 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082698.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 75 Resp: 60947
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

