

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082669.D
 Acq On : 20 Jun 2024 15:36
 Operator : JC\MD
 Sample : P2993-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:07:35 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)

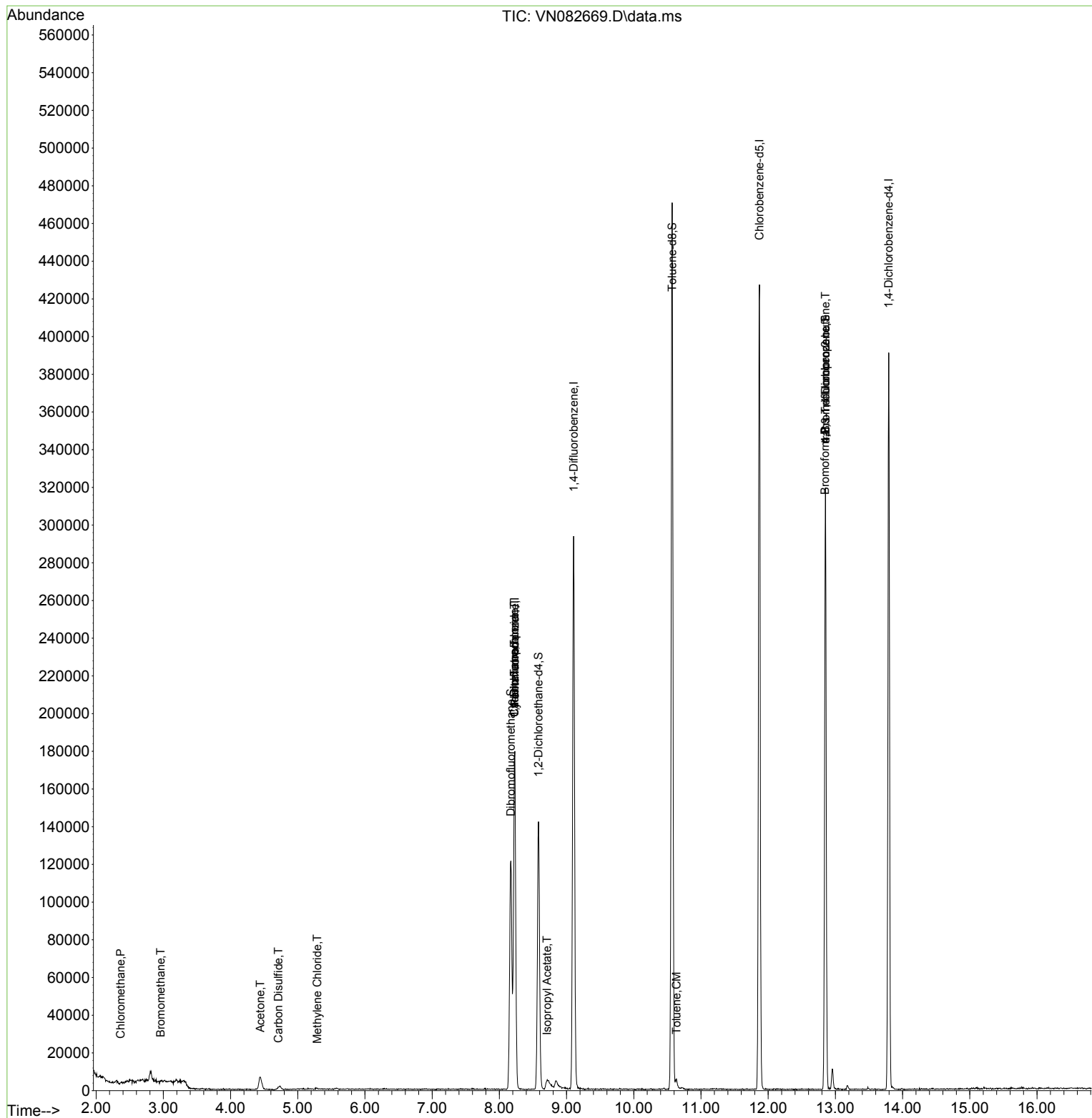
Internal Standards						
1) Pentafluorobenzene	8.230	168	123973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	231240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115673	58.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.360%	
35) Dibromofluoromethane	8.171	113	86363	55.090	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.180%	
50) Toluene-d8	10.571	98	303796	51.244	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.853	95	97602	47.753	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 95.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	430	0.207	ug/l #	43
5) Bromomethane	2.959	94	275	0.216	ug/l #	76
16) Acetone	4.442	43	14213	15.720	ug/l	98
17) Carbon Disulfide	4.712	76	1194	0.272	ug/l #	75
20) Methylene Chloride	5.289	84	383	0.241	ug/l #	53
31) Cyclohexane	8.224	56	3714	1.294	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	11734	5.007	ug/l #	50
38) Carbon Tetrachloride	8.224	117	13466	5.099	ug/l #	17
43) Isopropyl Acetate	8.712	43	7427	1.331	ug/l #	60
52) Toluene	10.635	92	2053	0.468	ug/l	93
71) Bromoform	12.847	173	1250	0.836	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	57025	23.815	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	57025	56.976	ug/l #	6

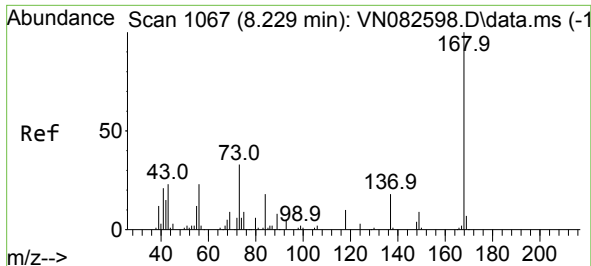
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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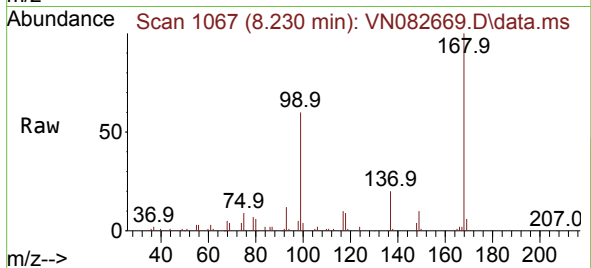
Quant Time: Jun 21 02:07:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
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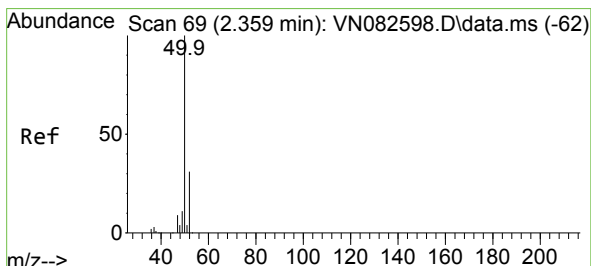
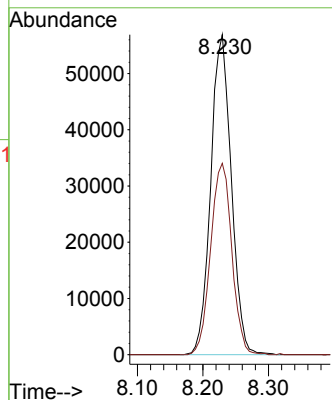
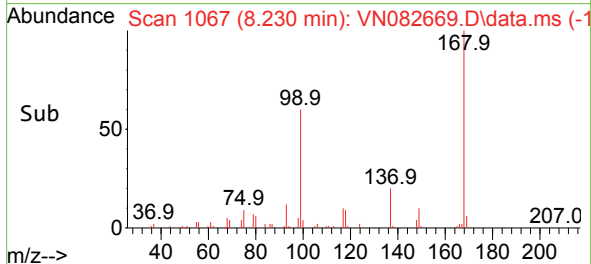


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

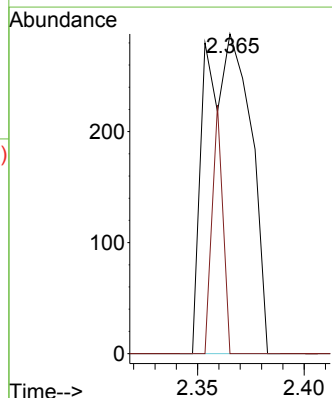
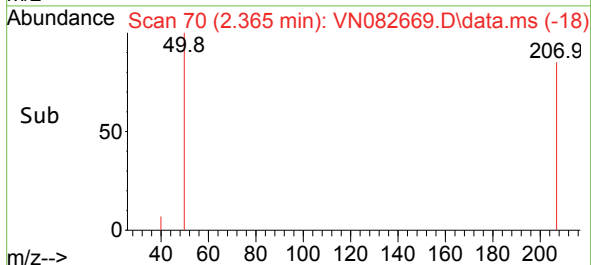
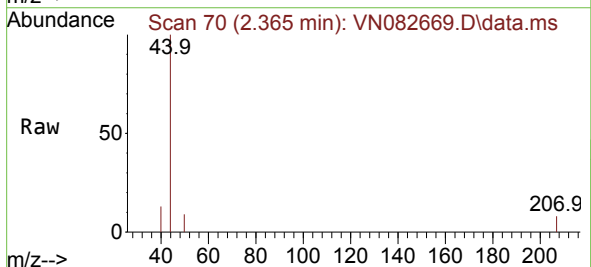


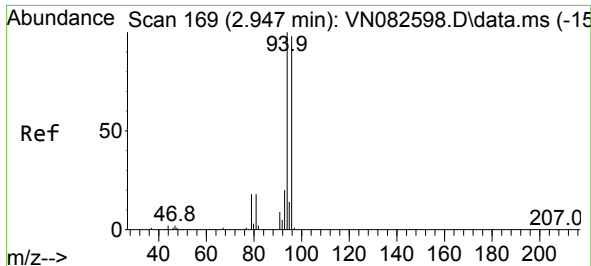
Tgt Ion:168 Resp: 123973
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#3
Chloromethane
Concen: 0.207 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

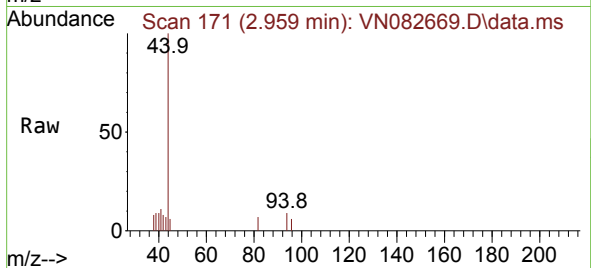
Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



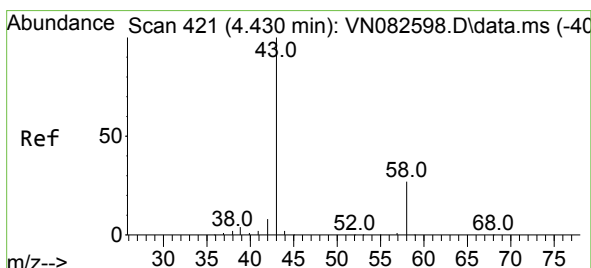
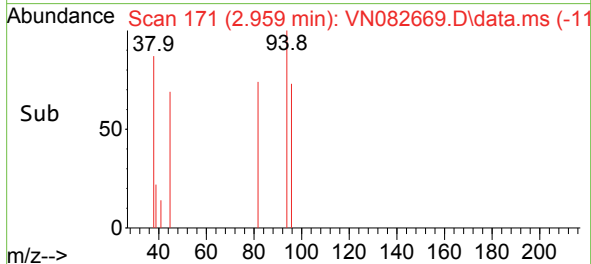
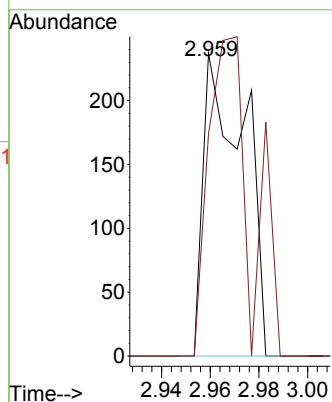


#5
Bromomethane
Concen: 0.216 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

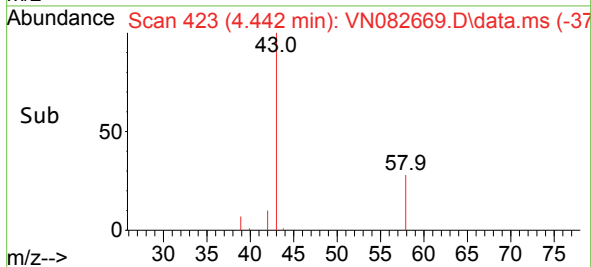
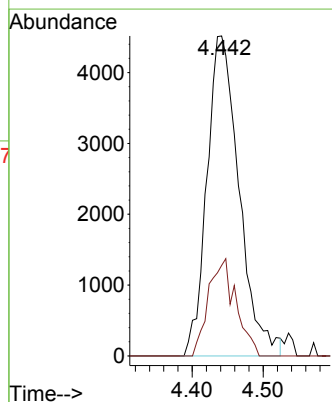
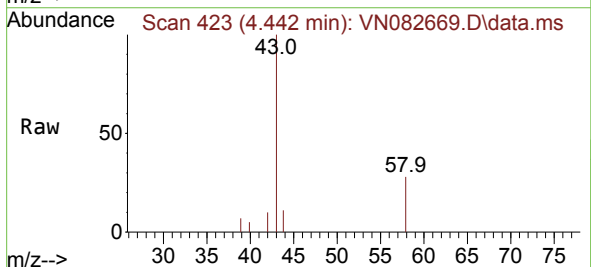


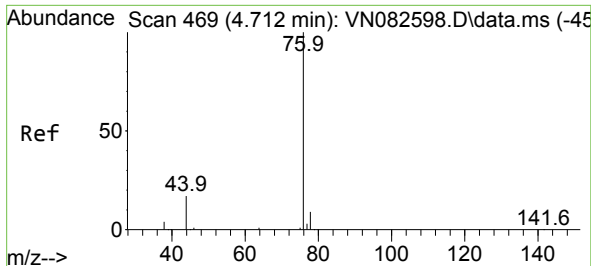
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 73.4 78.0 117.0#



#16
Acetone
Concen: 15.720 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 43 Resp: 14213
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6

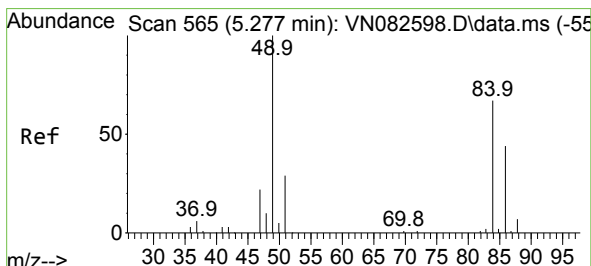
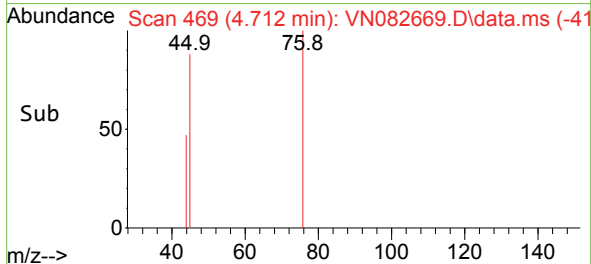
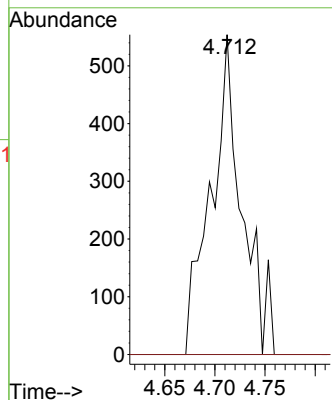
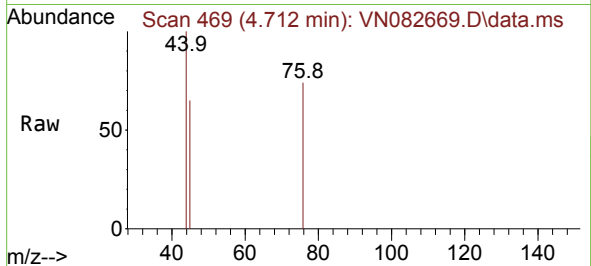




#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

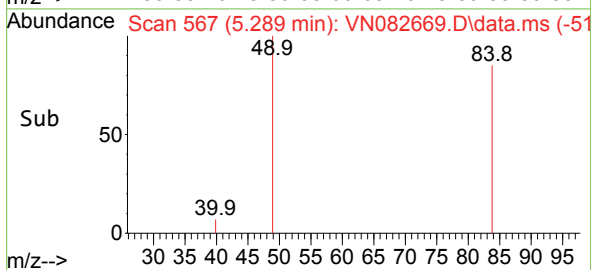
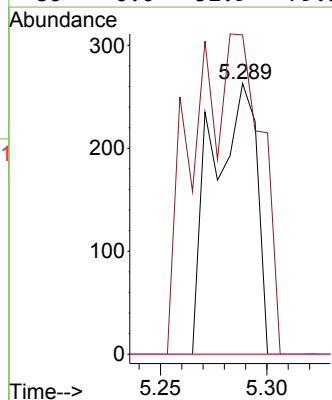
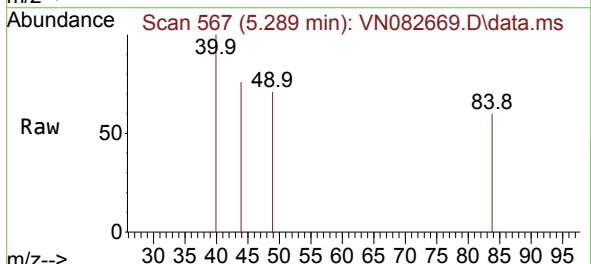
Instrument :
MSVOA_N
ClientSampleId :

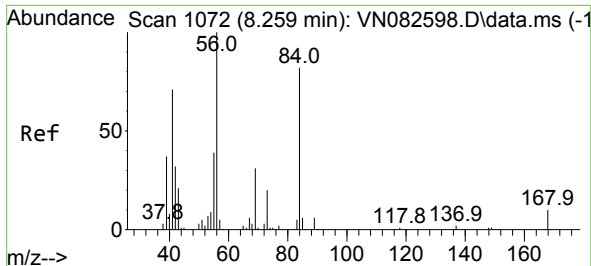
Tgt Ion: 76 Resp: 1194
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.241 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

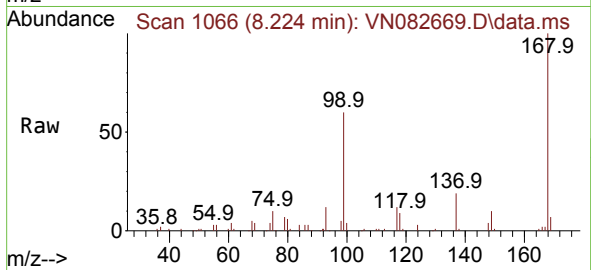
Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 117.9 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



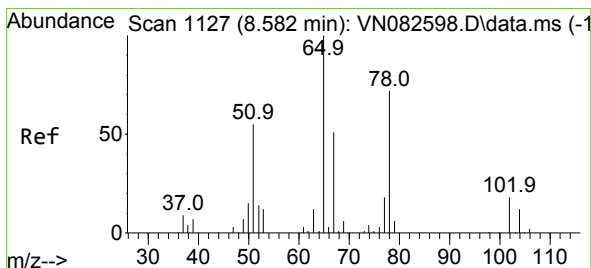
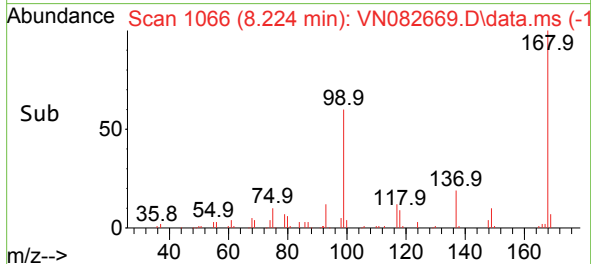
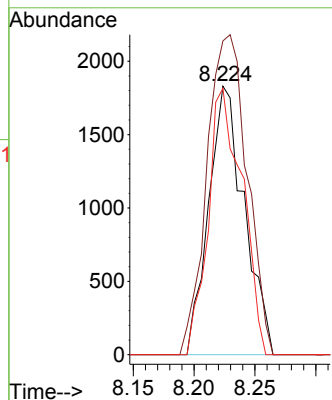


#31
Cyclohexane
Concen: 1.294 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

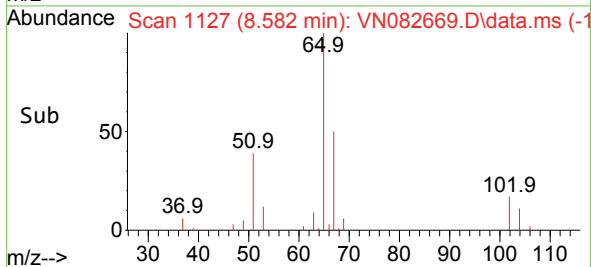
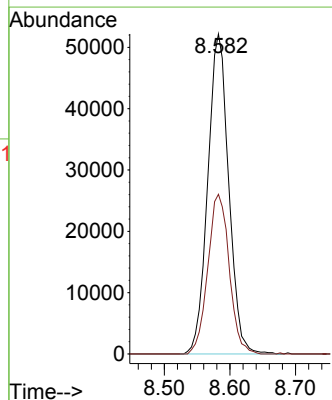
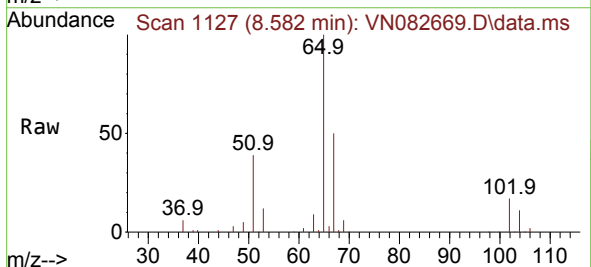


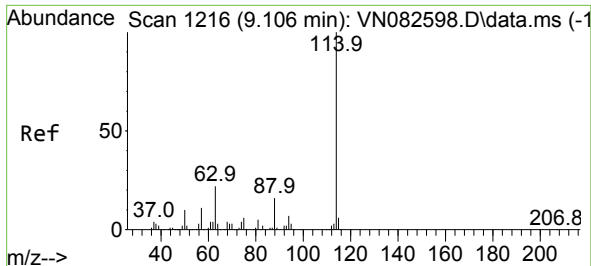
Tgt Ion: 56 Resp: 3714
Ion Ratio Lower Upper
56 100
69 116.9 24.5 36.7#
84 99.2 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.183 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

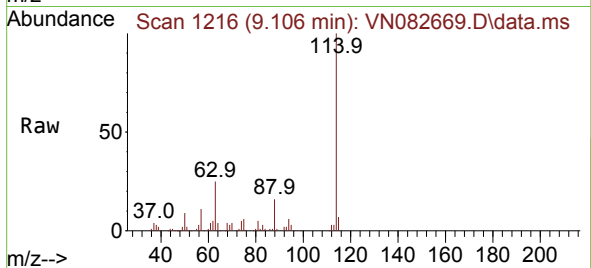
Tgt Ion: 65 Resp: 115673
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



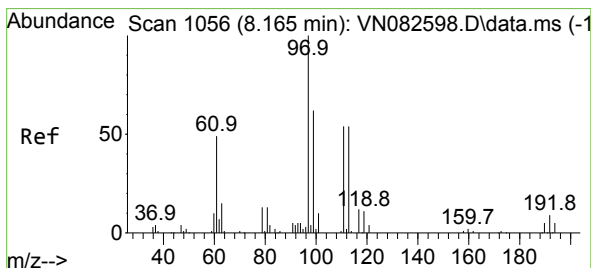
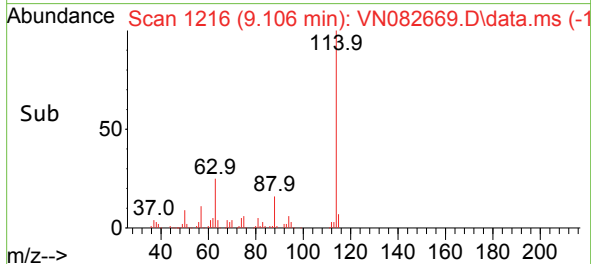
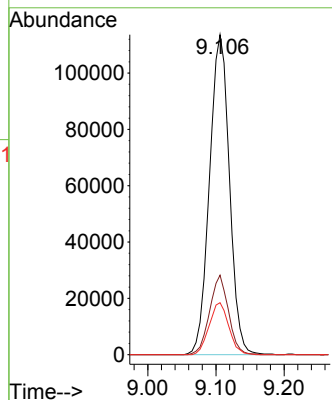


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

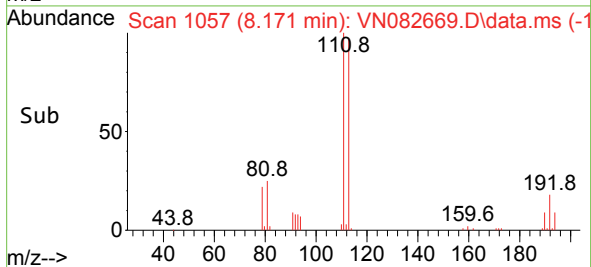
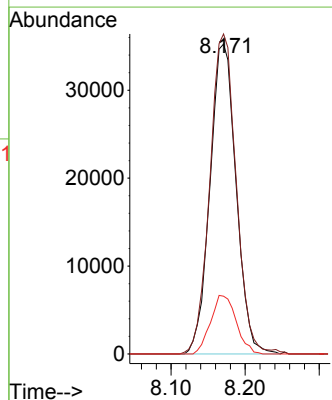
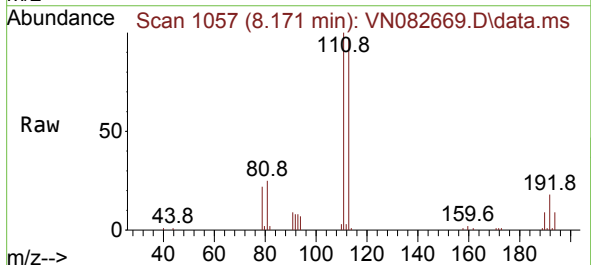


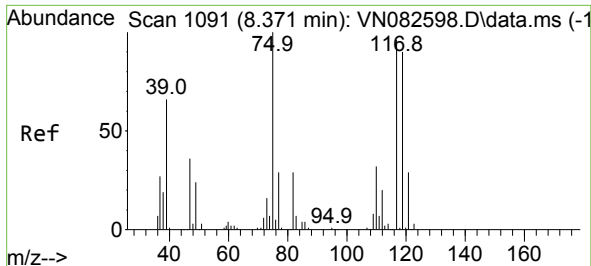
Tgt Ion:114 Resp: 231088
Ion Ratio Lower Upper
114 100
63 24.9 0.0 44.6
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.090 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

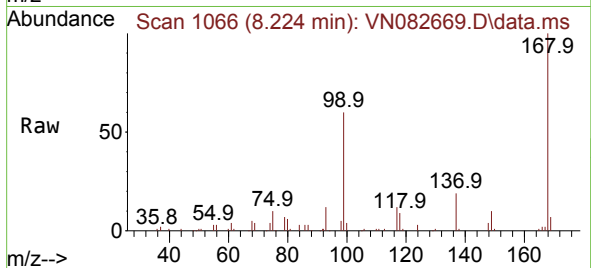
Tgt Ion:113 Resp: 86363
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 18.5 14.9 22.3



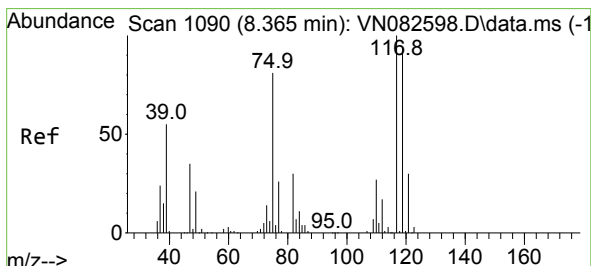
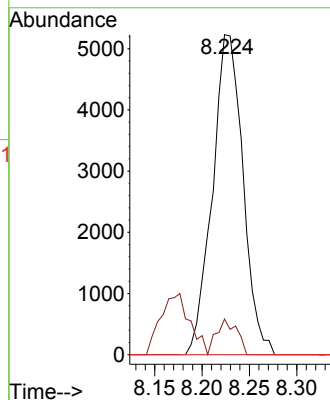
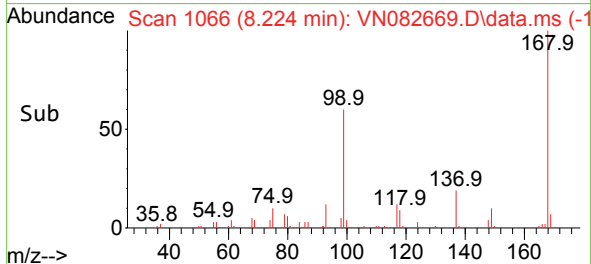


#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Instrument :
MSVOA_N
ClientSampleId :

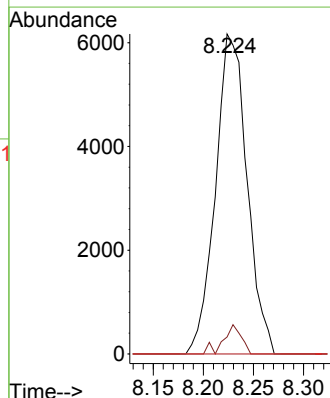
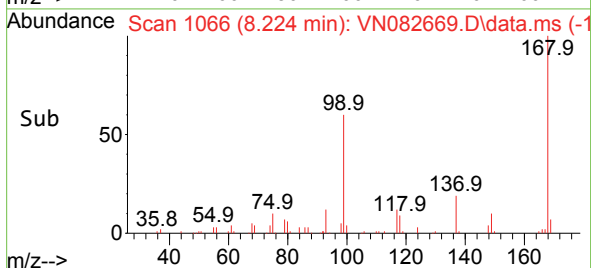
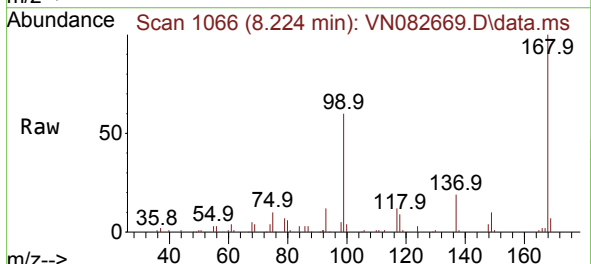


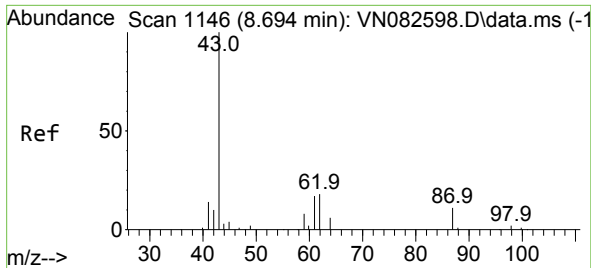
Tgt Ion: 75 Resp: 11734
Ion Ratio Lower Upper
75 100
110 7.4 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.099 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 117 Resp: 13466
Ion Ratio Lower Upper
117 100
119 5.3 74.9 112.3#
121 0.0 24.3 36.5#

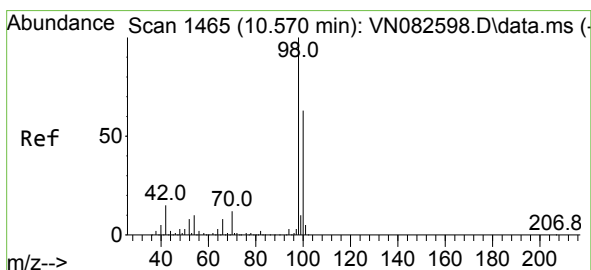
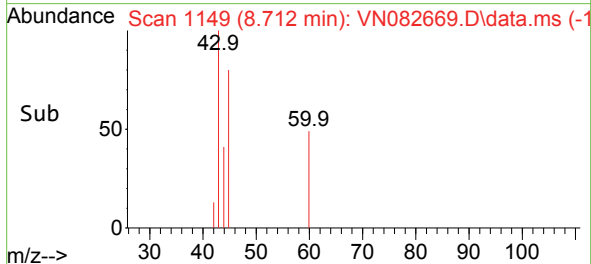
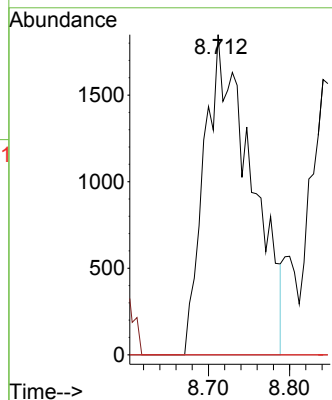
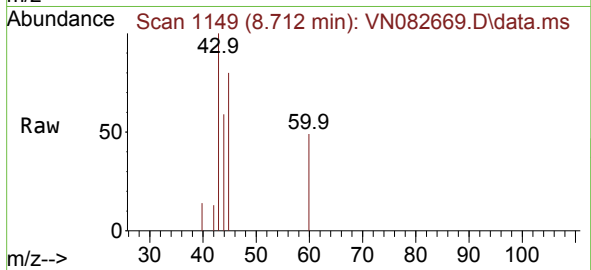




#43
Isopropyl Acetate
Concen: 1.331 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

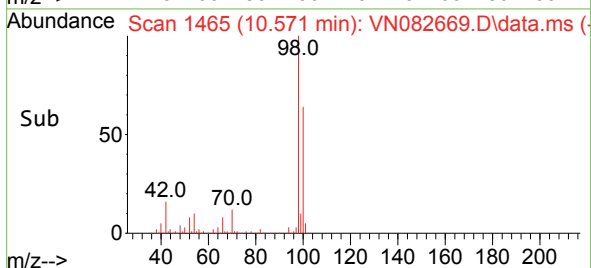
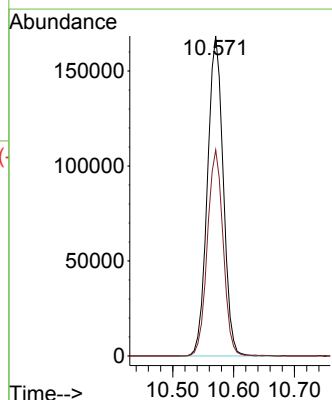
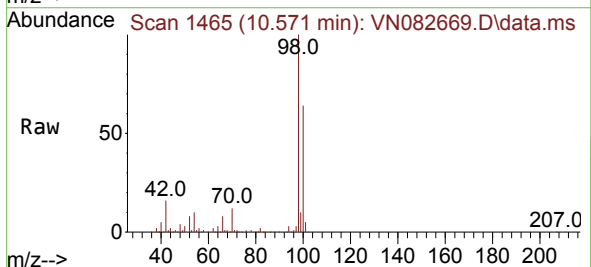
Instrument :
MSVOA_N
ClientSampleId :

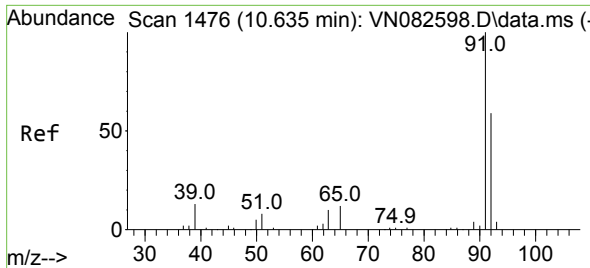
Tgt Ion: 43 Resp: 7427
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 51.244 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 98 Resp: 303796
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

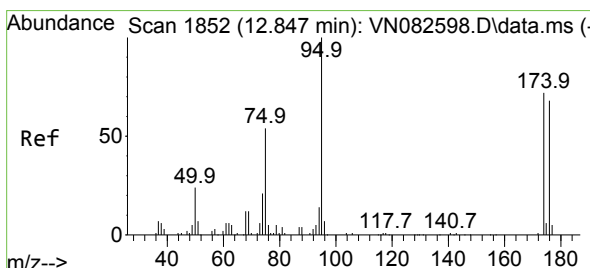
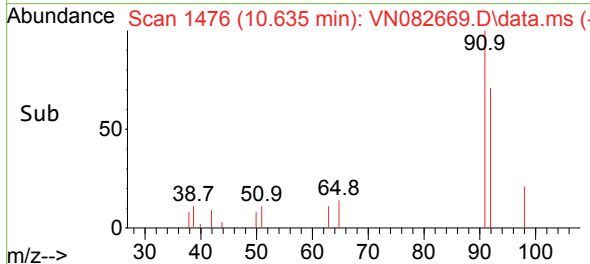
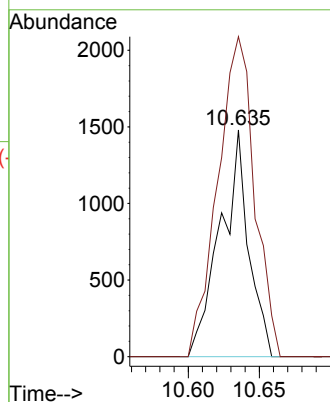
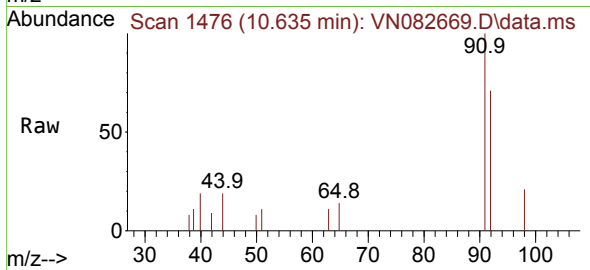




#52
Toluene
Concen: 0.468 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

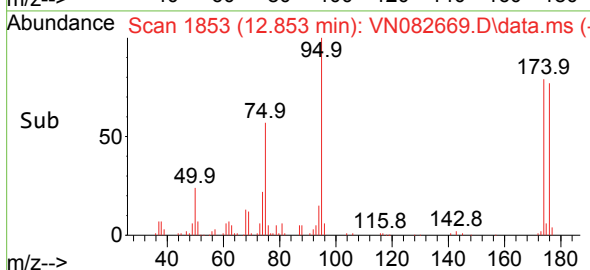
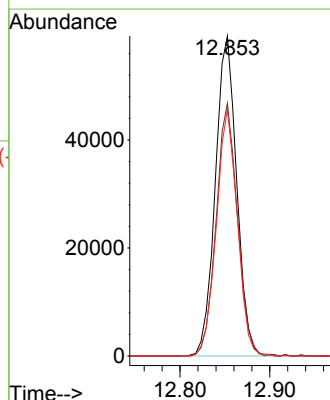
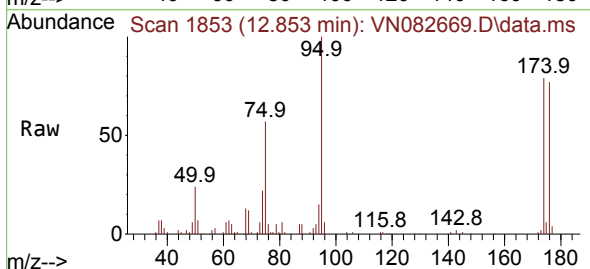
Instrument :
MSVOA_N
ClientSampleId :

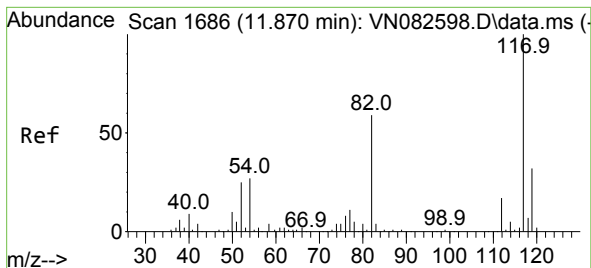
Tgt Ion: 92 Resp: 2053
Ion Ratio Lower Upper
92 100
91 183.8 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 47.753 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 95 Resp: 97602
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 75.6 0.0 147.6

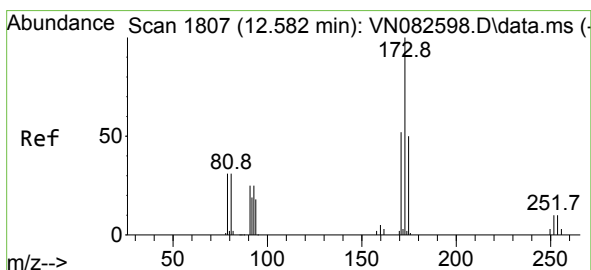
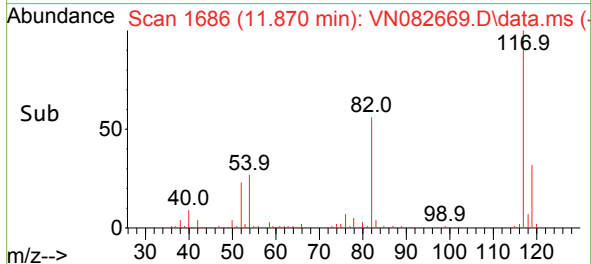
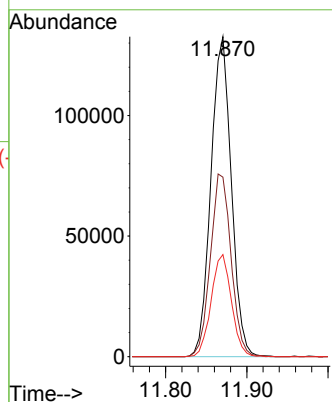
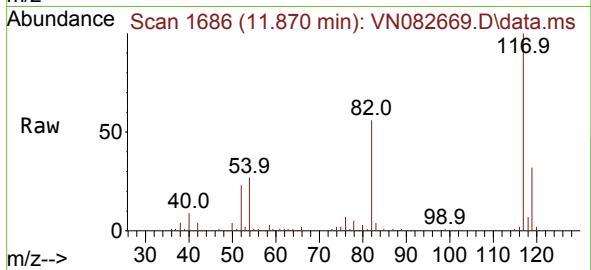




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

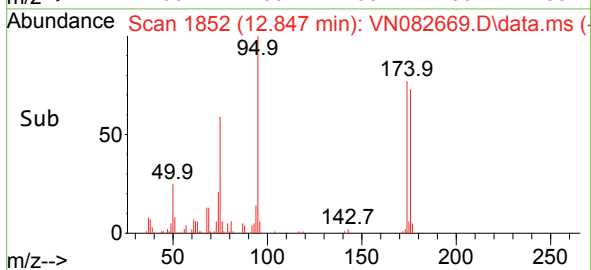
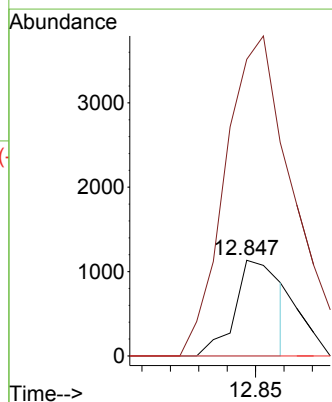
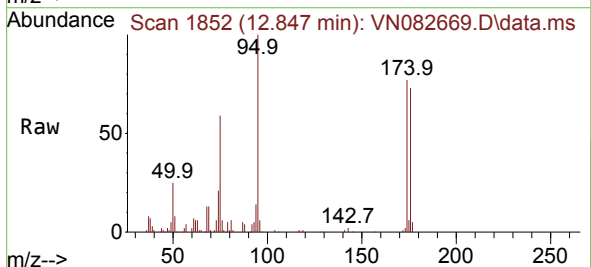
Instrument :
MSVOA_N
ClientSampleId :

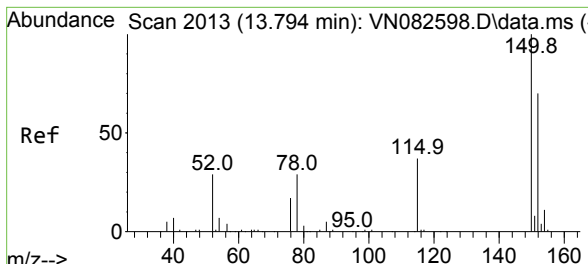
Tgt Ion:117 Resp: 231240
Ion Ratio Lower Upper
117 100
82 56.1 47.5 71.3
119 31.9 25.6 38.4



#71
Bromoform
Concen: 0.836 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082669.D
Acq: 20 Jun 2024 15:36

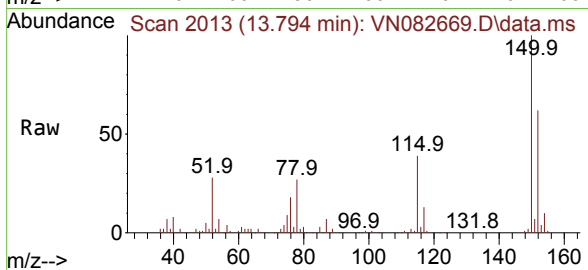
Tgt Ion:173 Resp: 1250
Ion Ratio Lower Upper
173 100
175 397.5 24.0 72.0#
254 0.0 0.0 0.0



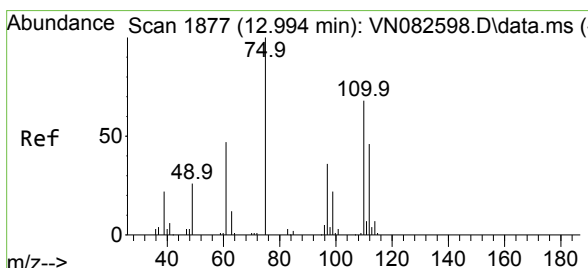
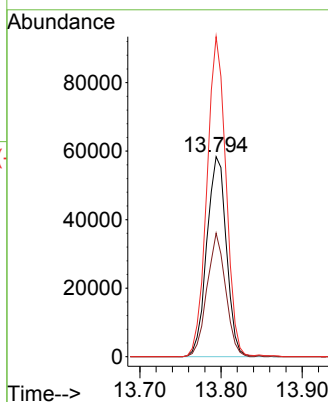
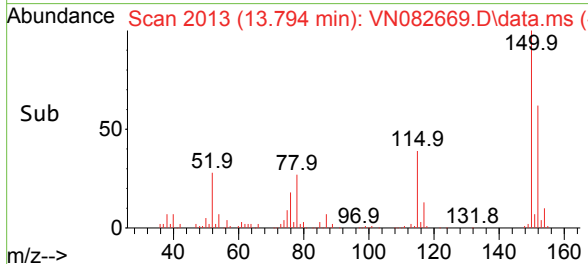


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082669.D
 Acq: 20 Jun 2024 15:36

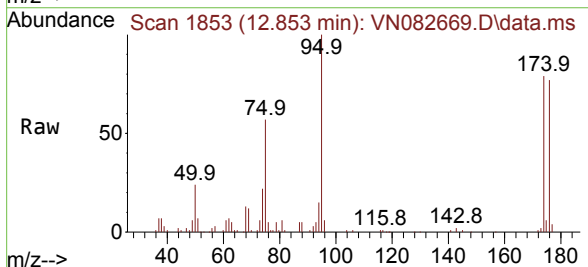
Instrument :
 MSVOA_N
 ClientSampleId :



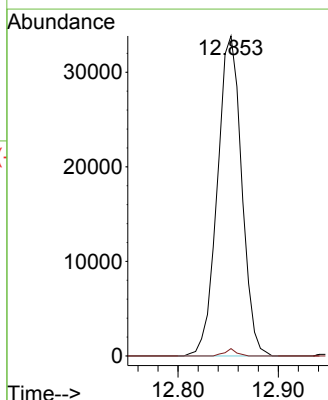
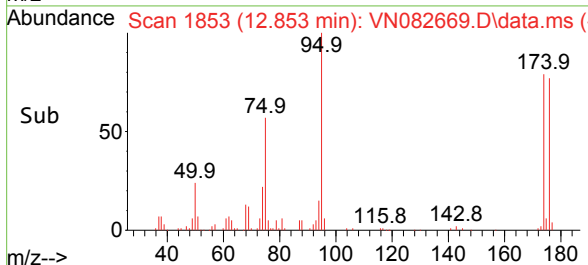
Tgt Ion:152 Resp: 97900
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 154.8 0.0 348.6

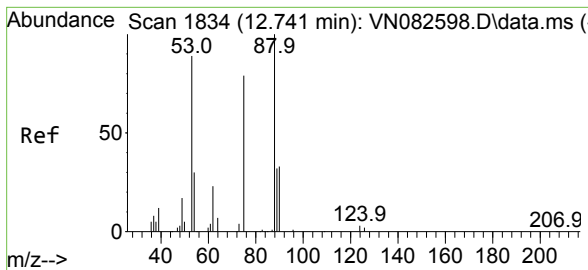


#76
 1,2,3-Trichloropropane
 Concen: 23.815 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082669.D
 Acq: 20 Jun 2024 15:36



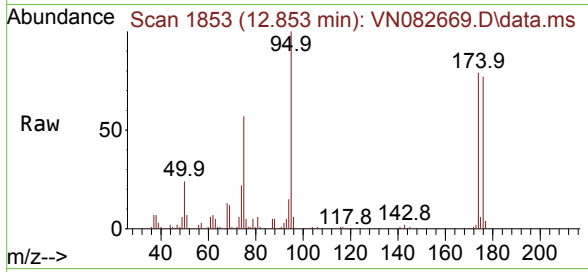
Tgt Ion: 75 Resp: 57025
 Ion Ratio Lower Upper
 75 100
 77 1.1 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.976 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082669.D
 Acq: 20 Jun 2024 15:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	75	Resp:	57025
Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.4	132.6#
89	0.0	36.3	54.5#

