

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082613.D
 Acq On : 17 Jun 2024 16:59
 Operator : JC\MD
 Sample : P2894-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Jun 18 18:39:24 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)

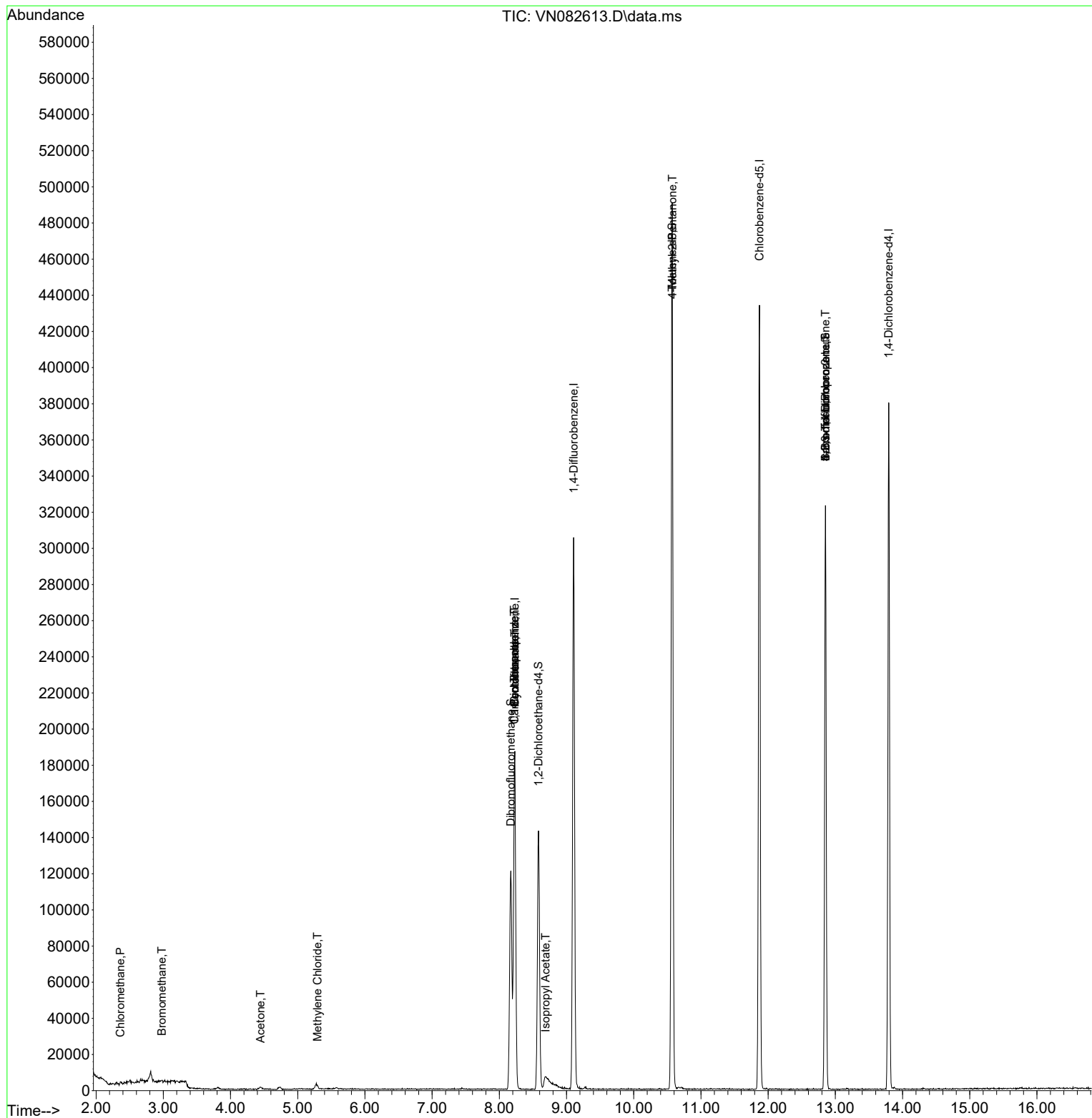
Internal Standards						
1) Pentafluorobenzene	8.230	168	130478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	233610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117681	56.242	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.480%			
35) Dibromofluoromethane	8.171	113	83937	51.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	10.571	98	309958	50.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.853	95	101389	47.691	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 95.380%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1207	0.553	ug/l #	82
5) Bromomethane	2.977	94	739	0.552	ug/l #	66
16) Acetone	4.448	43	2481	2.607	ug/l	96
20) Methylene Chloride	5.295	84	1780	1.064	ug/l #	54
31) Cyclohexane	8.230	56	3756	1.244	ug/l #	13
36) 1,1-Dichloropropene	8.224	75	12398	5.086	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14382	5.235	ug/l #	17
43) Isopropyl Acetate	8.688	43	11947	2.059	ug/l #	60
51) 4-Methyl-2-Pentanone	10.577	43	1919	0.645	ug/l #	1
71) Bromoform	12.853	173	412	0.273	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	58281	24.862	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58281	59.479	ug/l #	6

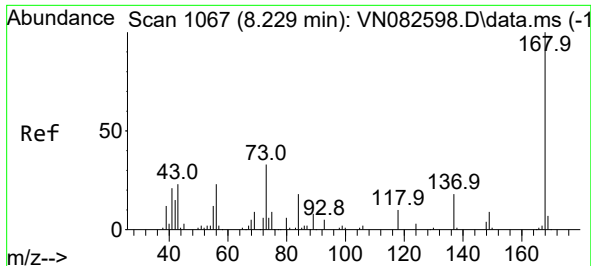
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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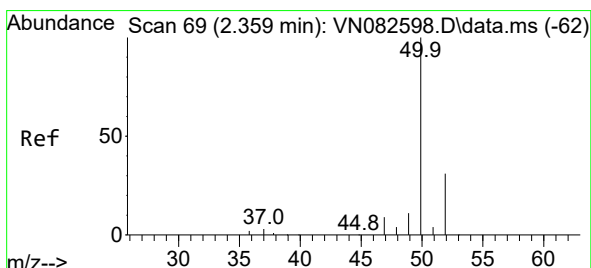
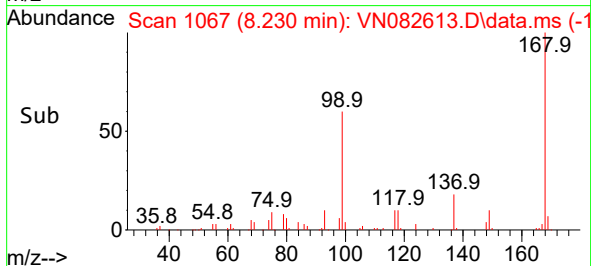
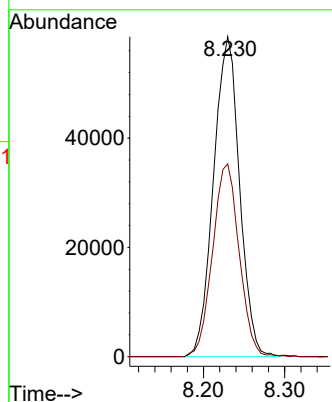
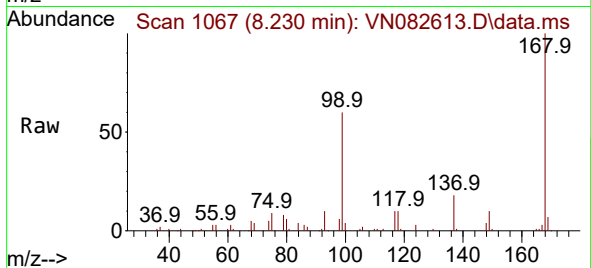




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

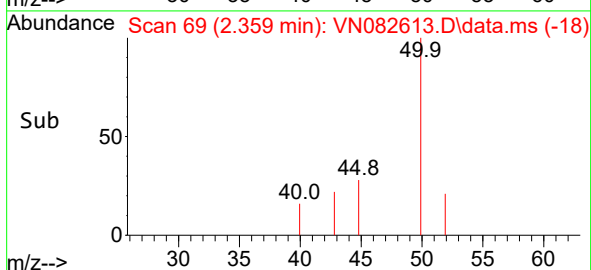
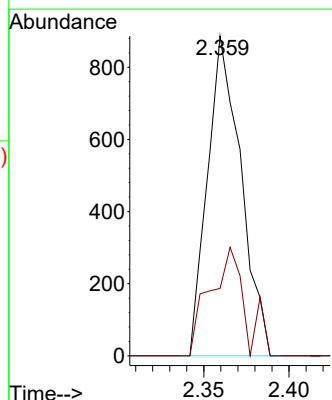
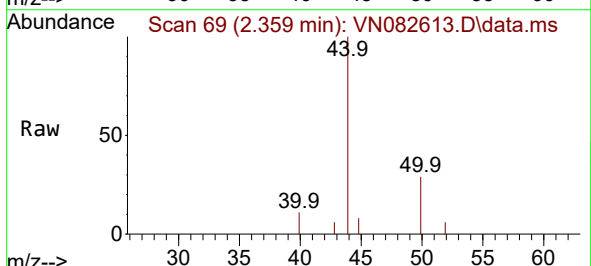
Instrument : MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

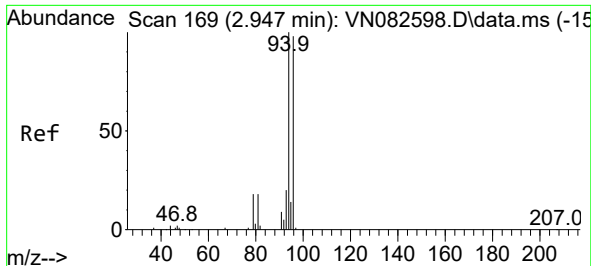
Tgt Ion:168 Resp: 130478
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#3
Chloromethane
Concen: 0.553 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion: 50 Resp: 1207
Ion Ratio Lower Upper
50 100
52 21.1 25.0 37.4#

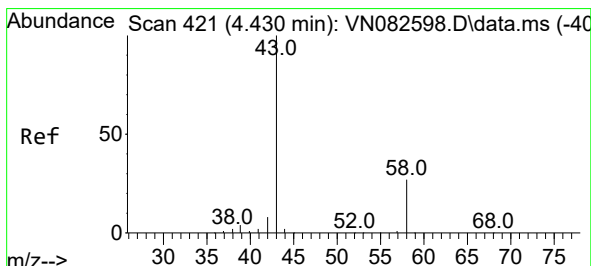
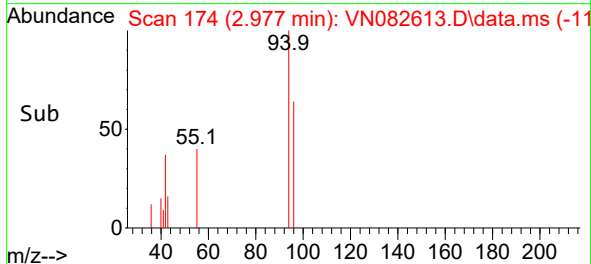
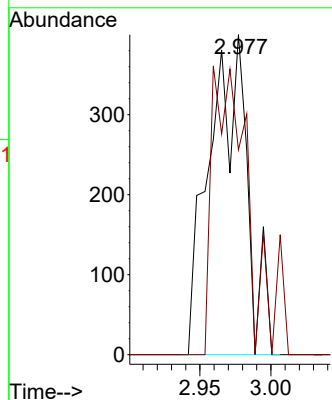
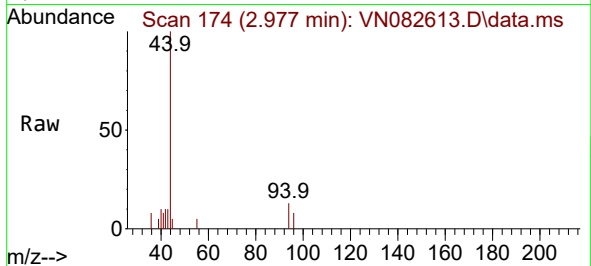




#5
Bromomethane
Concen: 0.552 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

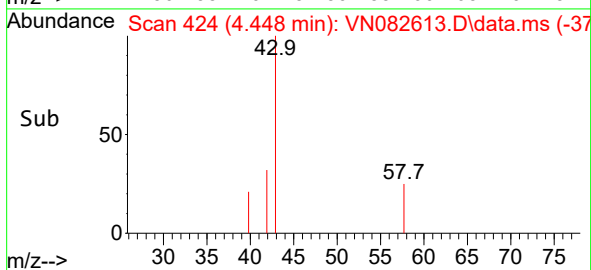
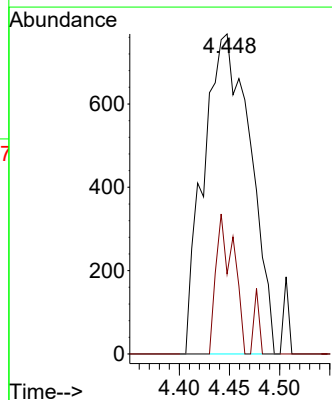
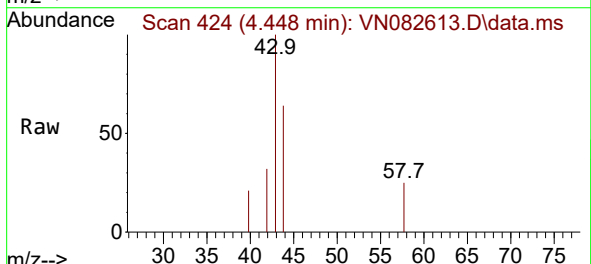
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

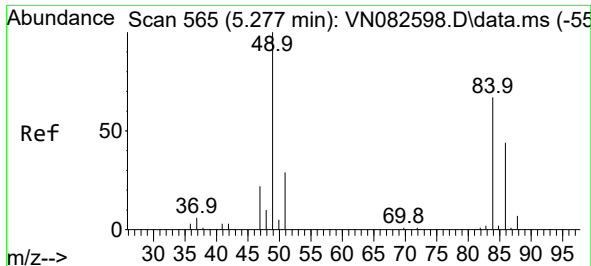
Tgt Ion: 94 Resp: 739
Ion Ratio Lower Upper
94 100
96 64.0 78.0 117.0#



#16
Acetone
Concen: 2.607 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 25.0 21.8 32.6

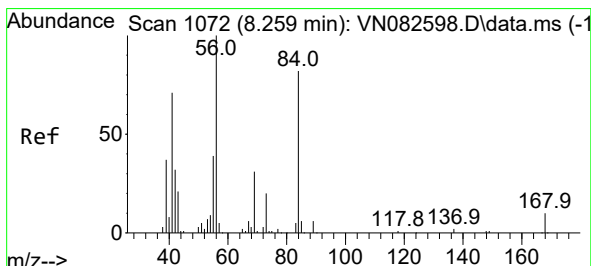
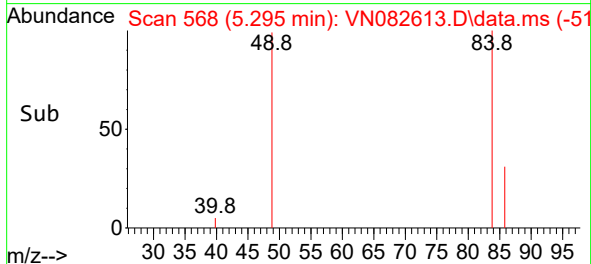
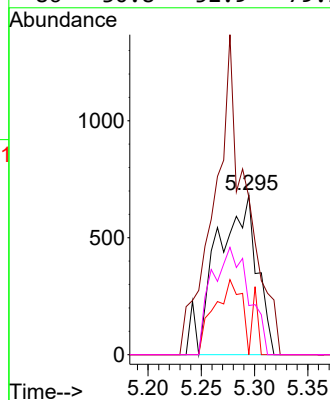
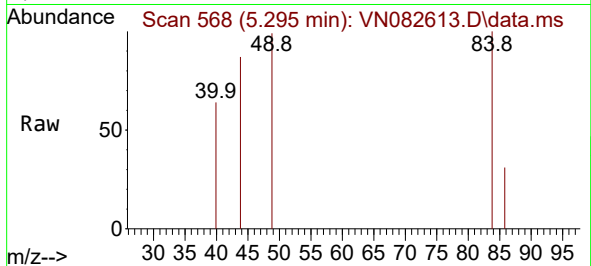




#20
Methylene Chloride
Concen: 1.064 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

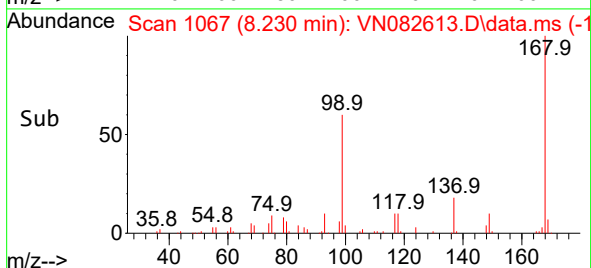
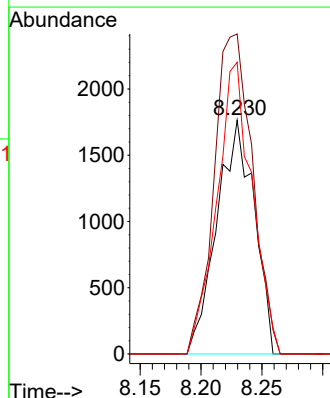
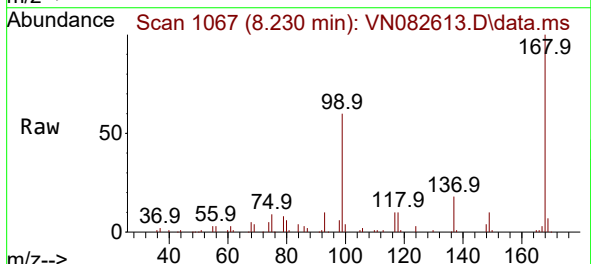
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

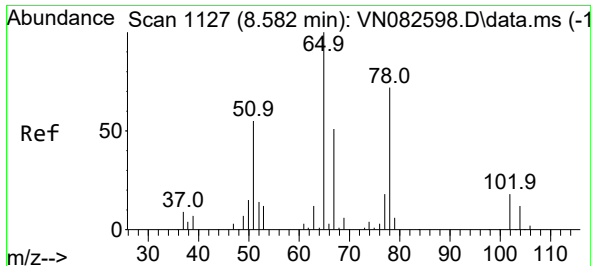
Tgt Ion:	84	Resp:	1780
Ion	Ratio	Lower	Upper
84	100		
49	98.8	119.6	179.4#
51	0.0	34.8	52.2#
86	30.8	52.9	79.3#



#31
Cyclohexane
Concen: 1.244 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion:	56	Resp:	3756
Ion	Ratio	Lower	Upper
56	100		
69	136.9	24.5	36.7#
84	124.8	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.242 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

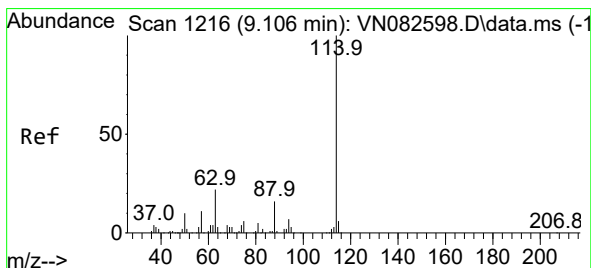
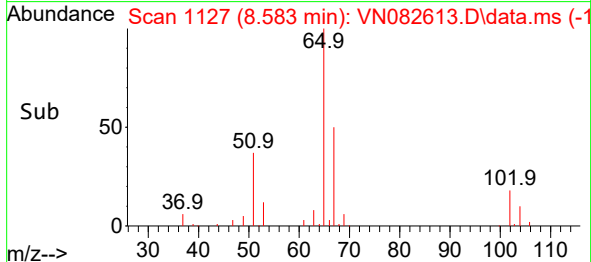
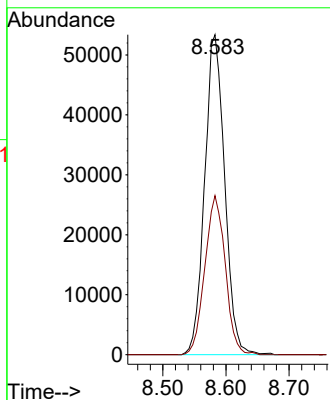
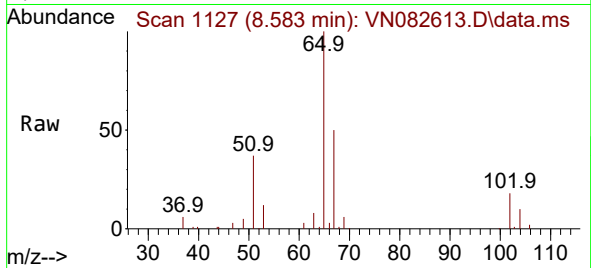
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 117681

Ion Ratio Lower Upper

65 100

67 50.6 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: VN082613.D

Acq: 17 Jun 2024 16:59

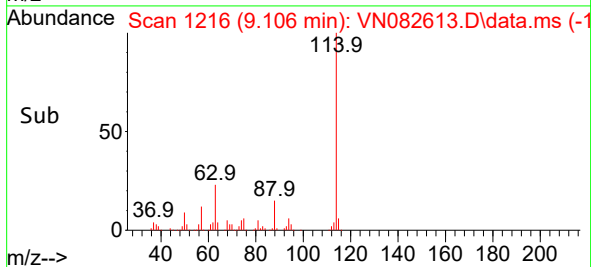
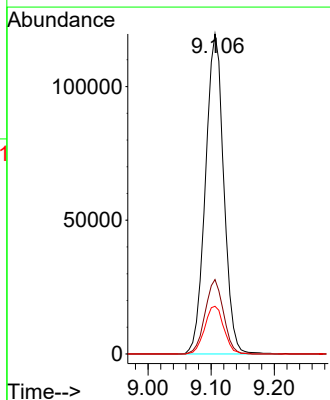
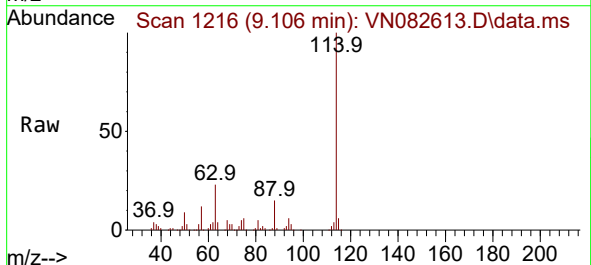
Tgt Ion: 114 Resp: 240367

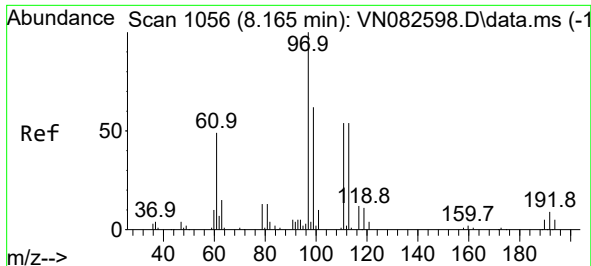
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.475 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

Instrument :

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ClientSampleId :

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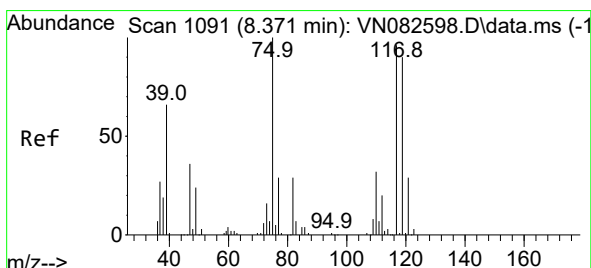
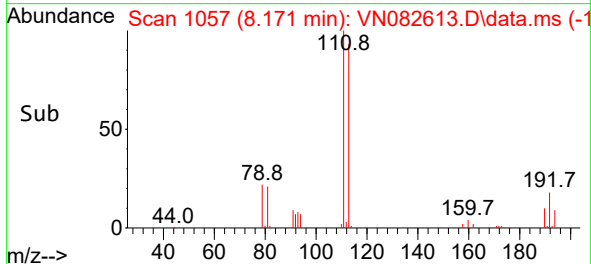
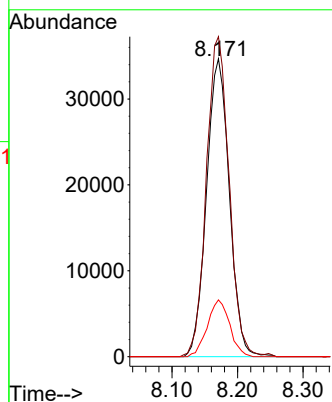
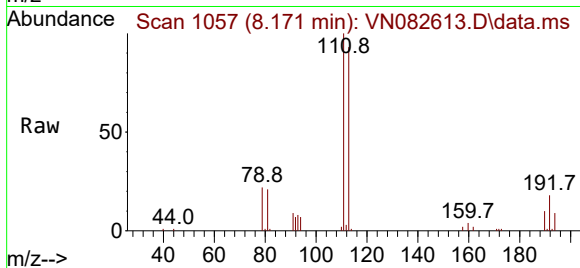
Tgt Ion:113 Resp: 83937

Ion Ratio Lower Upper

113 100

111 106.7 82.4 123.6

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

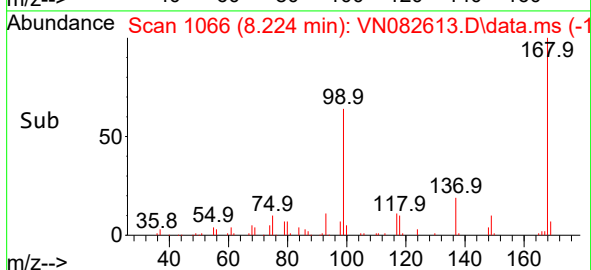
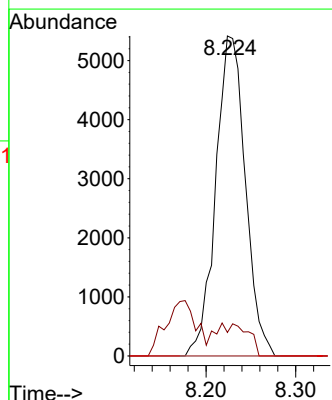
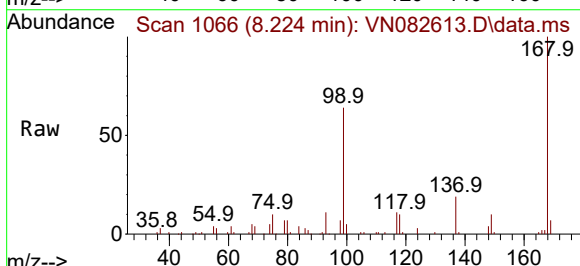
Tgt Ion: 75 Resp: 12398

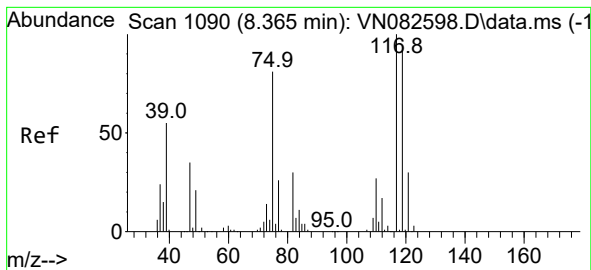
Ion Ratio Lower Upper

75 100

110 11.3 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.235 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN082613.D

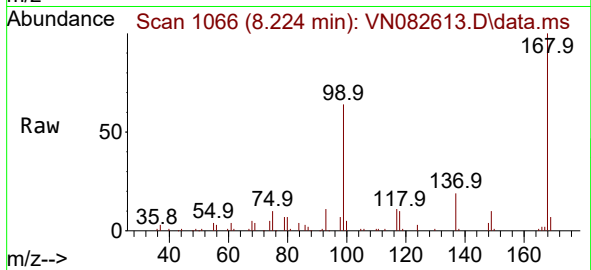
Acq: 17 Jun 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

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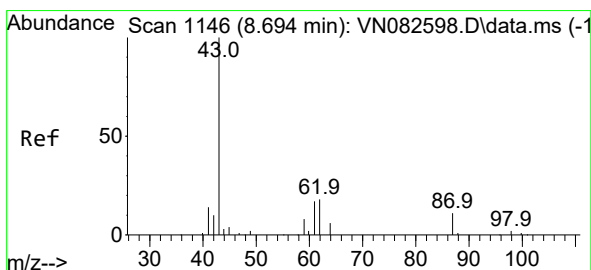
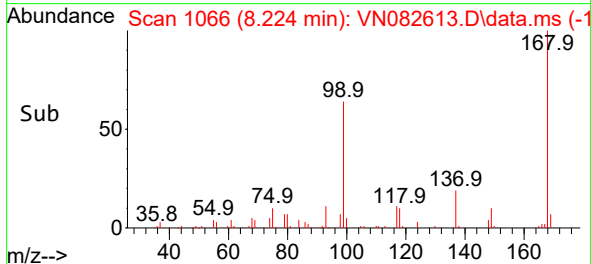
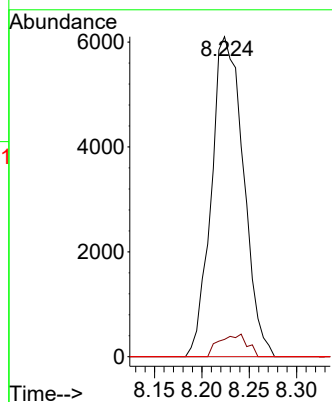
Tgt Ion:117 Resp: 14382

Ion Ratio Lower Upper

117 100

119 5.4 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 2.059 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

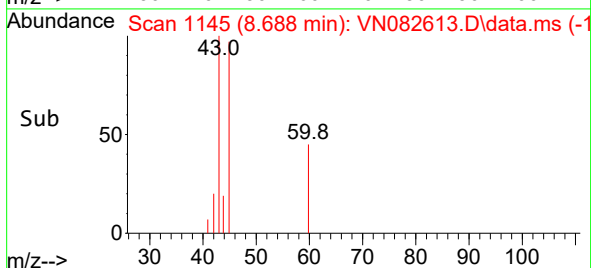
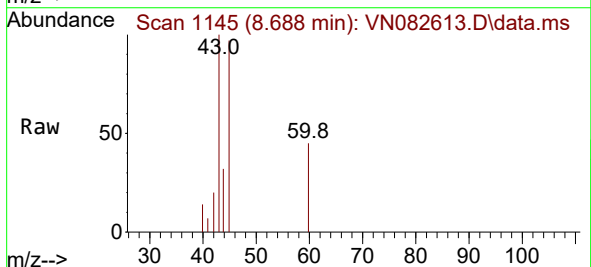
Tgt Ion: 43 Resp: 11947

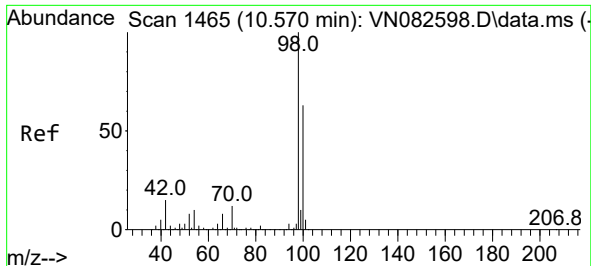
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

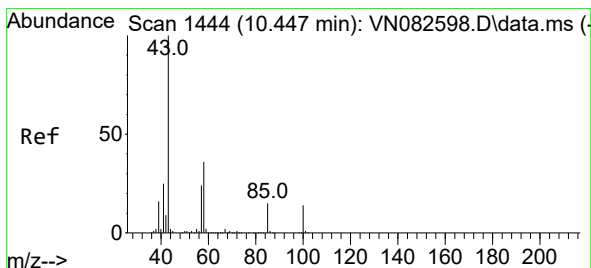
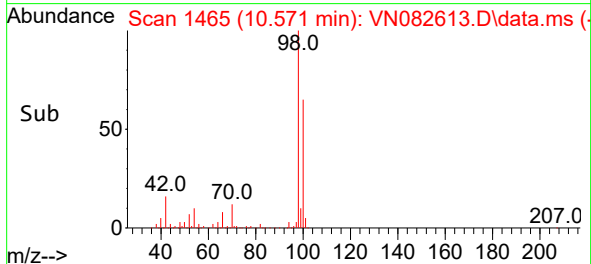
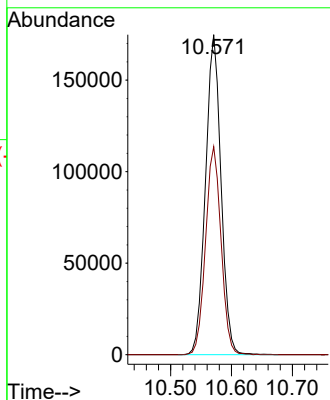
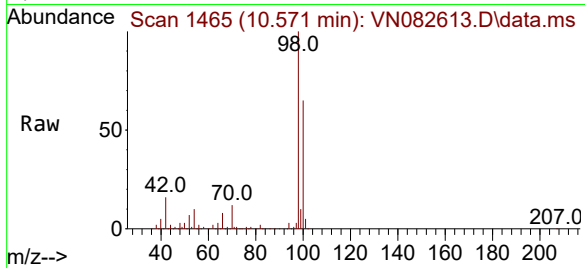




#50
Toluene-d8
Concen: 50.265 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

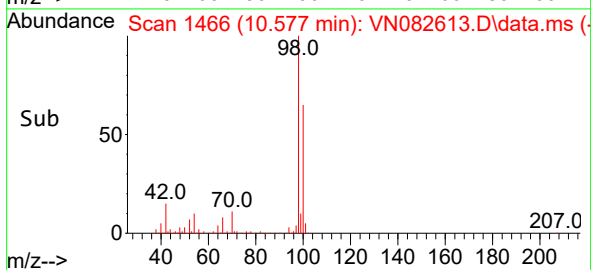
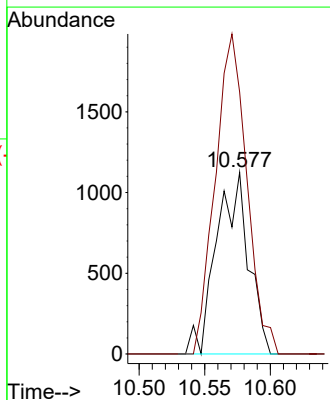
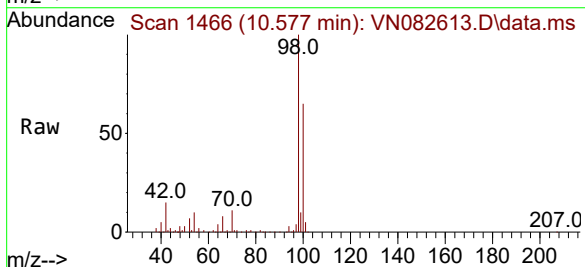
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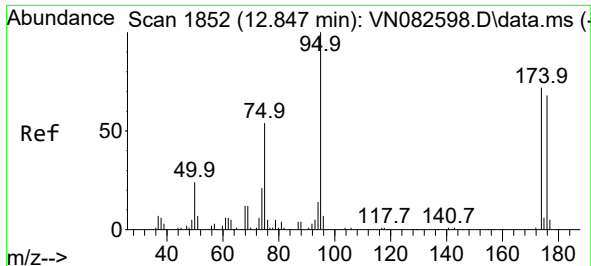
Tgt Ion: 98 Resp: 309958
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.130 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 172.7 28.2 42.4#

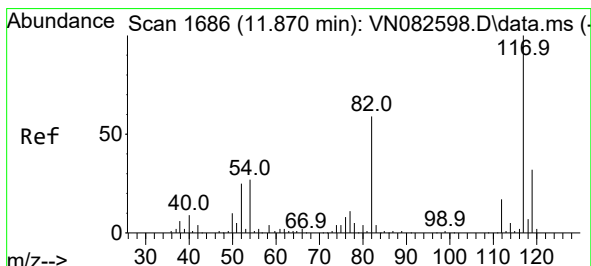
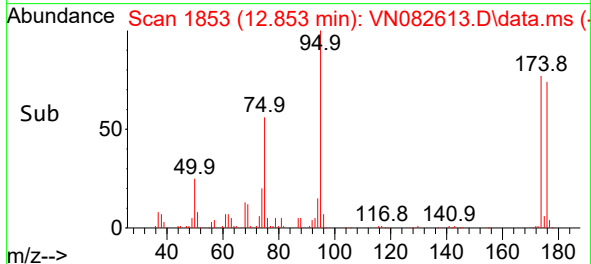
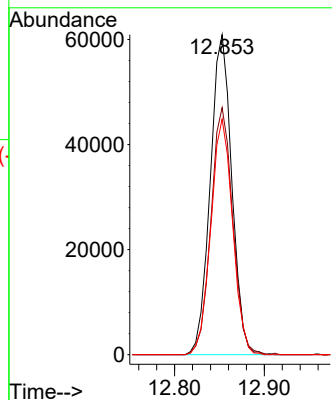
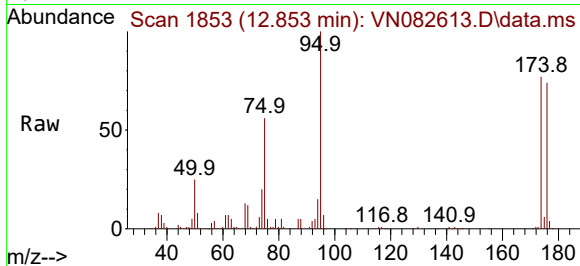




#62
4-Bromofluorobenzene
Concen: 47.691 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

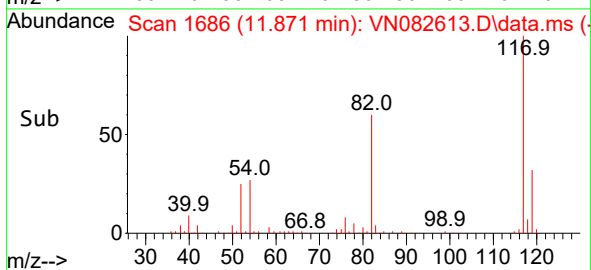
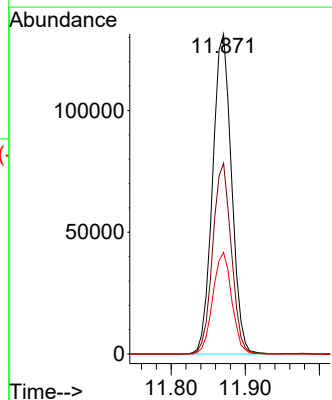
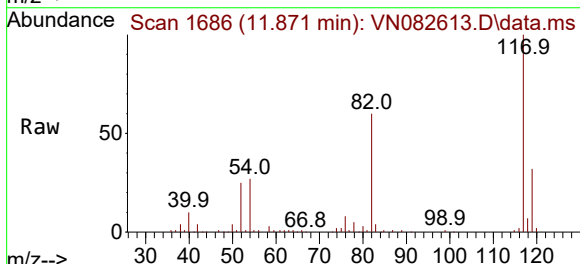
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

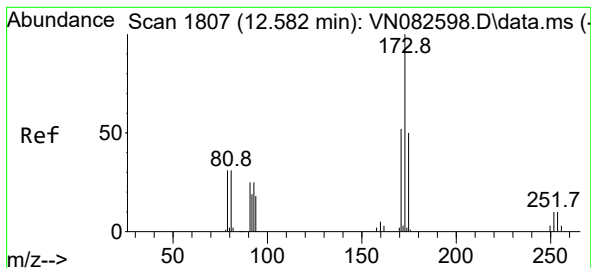
Tgt Ion: 95 Resp: 101389
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 74.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion: 117 Resp: 233610
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.8 25.6 38.4





#71

Bromoform

Concen: 0.273 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.271 min

Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

Instrument :

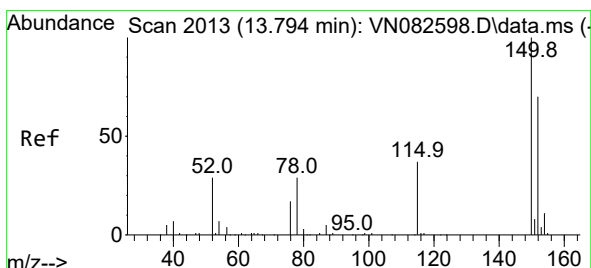
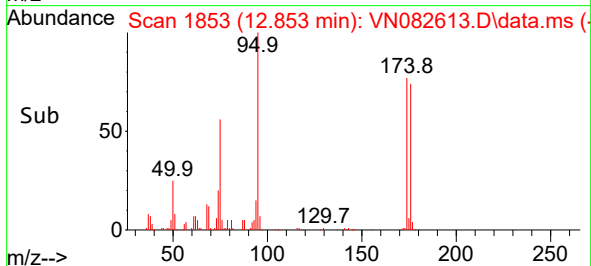
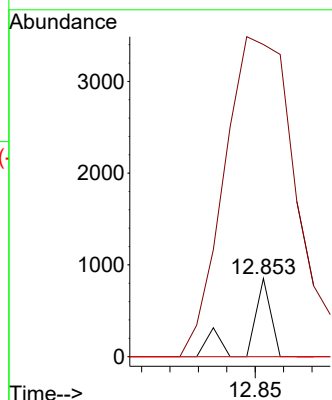
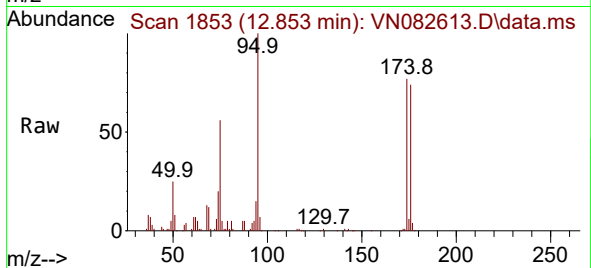
MSVOA_N

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion:173 Resp: 412

Ion	Ratio	Lower	Upper
173	100		
175	1216.7	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

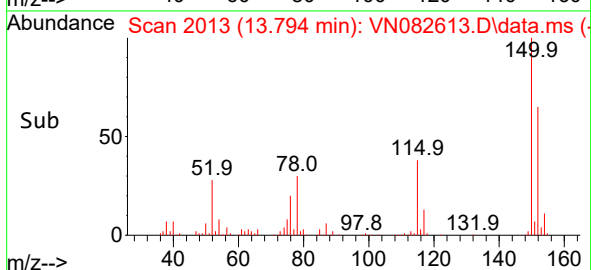
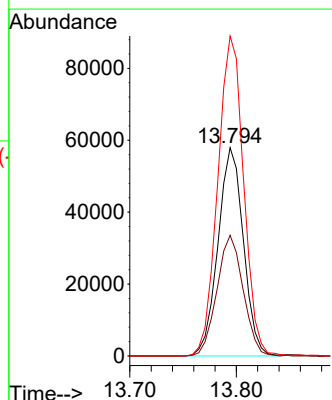
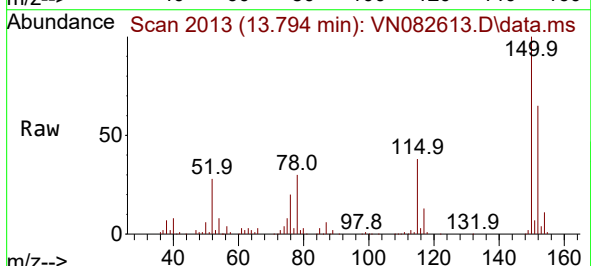
Delta R.T. 0.000 min

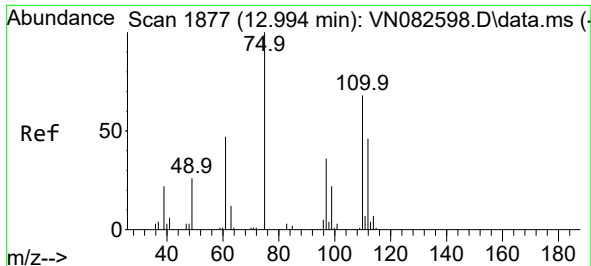
Lab File: VN082613.D

Acq: 17 Jun 2024 16:59

Tgt Ion:152 Resp: 95845

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.6	91.6
150	156.2	0.0	348.6

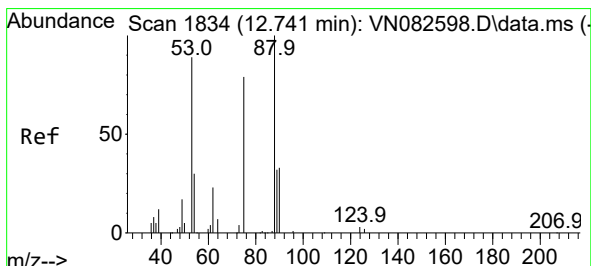
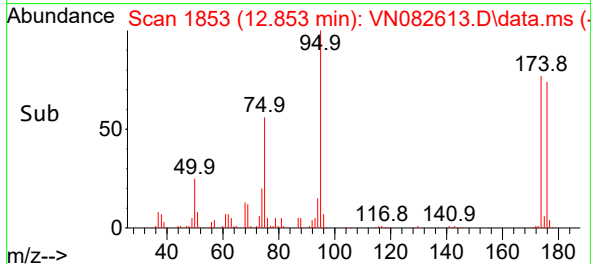
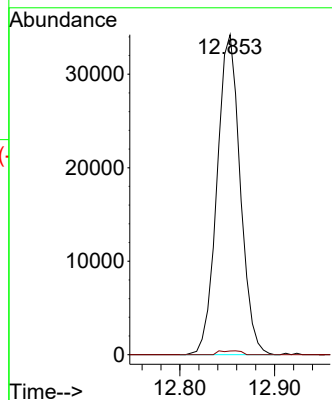
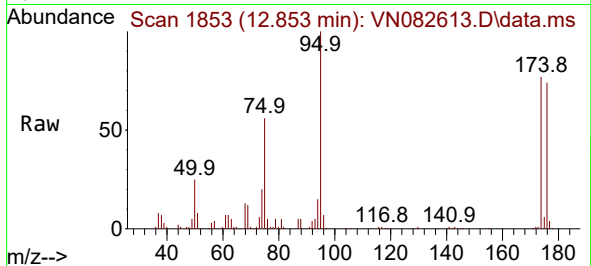




#76
1,2,3-Trichloropropane
Concen: 24.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 58281
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.479 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082613.D
Acq: 17 Jun 2024 16:59

Tgt Ion: 75 Resp: 58281
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

