

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082242.D
 Acq On : 21 May 2024 15:53
 Operator : JC\MD
 Sample : P2532-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 22 01:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

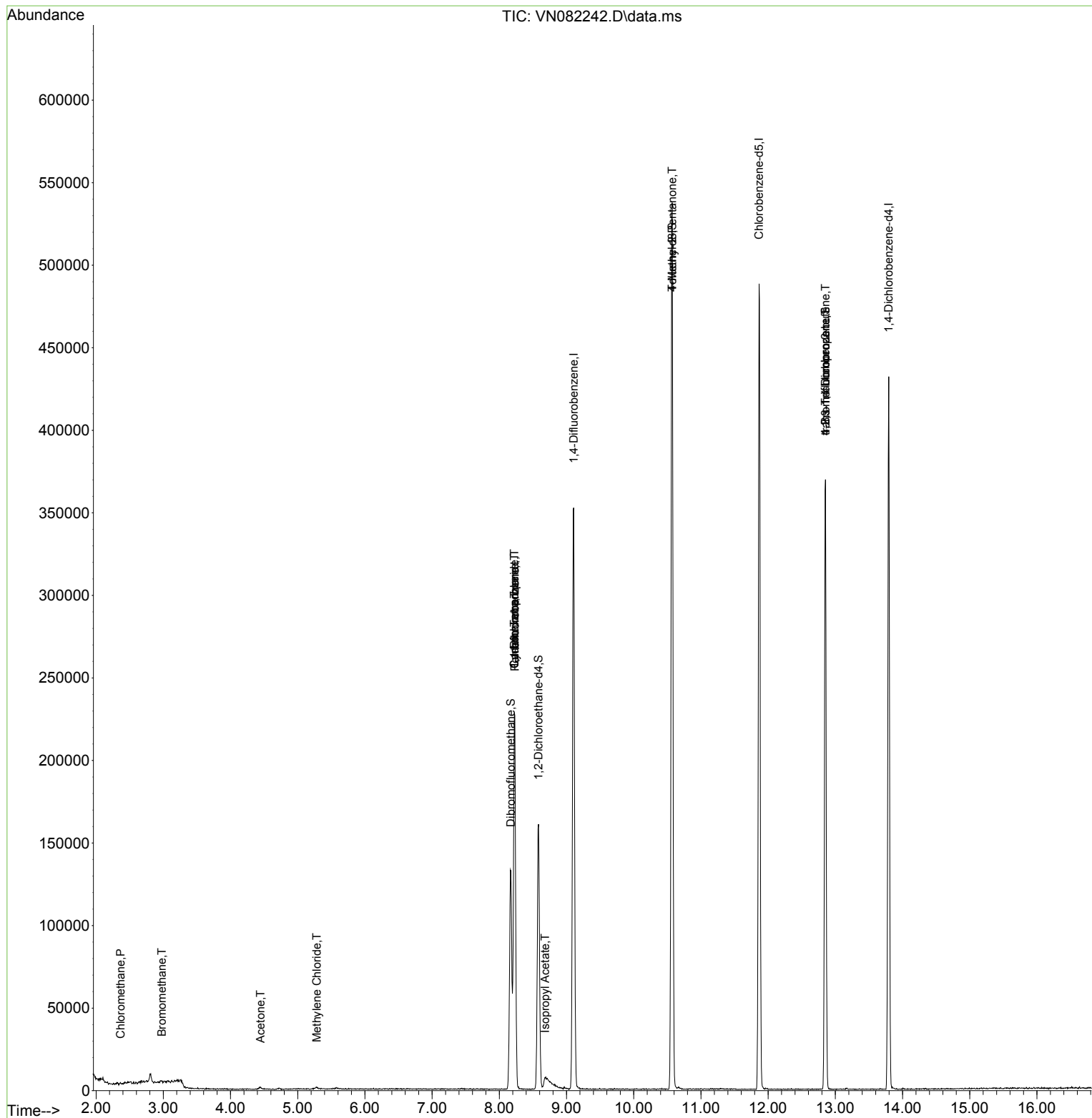
Internal Standards						
1) Pentafluorobenzene	8.230	168	155383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134361	54.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	8.171	113	92956	53.674	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.340%	
50) Toluene-d8	10.571	98	358868	54.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.853	95	119425	50.392	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	534	0.210	ug/l #	43
5) Bromomethane	2.977	94	454	0.331	ug/l #	74
16) Acetone	4.448	43	2616	2.599	ug/l #	80
20) Methylene Chloride	5.283	84	953	0.469	ug/l #	69
31) Cyclohexane	8.224	56	4475	1.142	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	14840	5.109	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17718	6.017	ug/l #	16
43) Isopropyl Acetate	8.683	43	6609	1.147	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2255	0.689	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	68725	29.959	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	68725	70.074	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082242.D
Acq On : 21 May 2024 15:53
Operator : JC\MD
Sample : P2532-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Quant Time: May 22 01:28:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

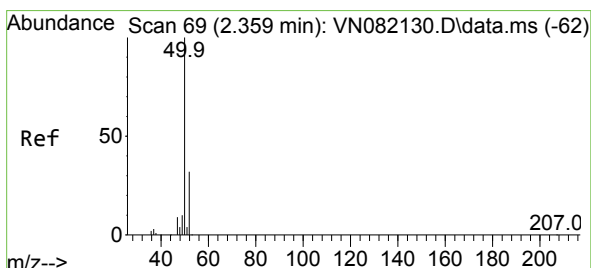
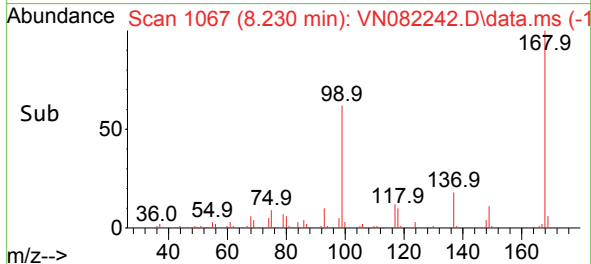
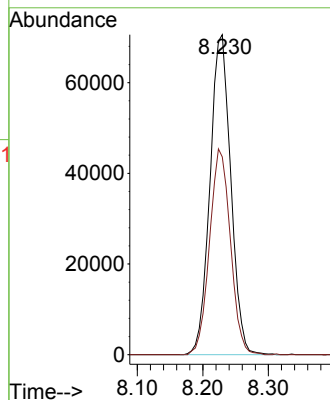
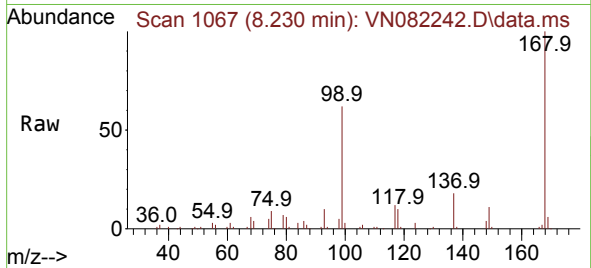




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

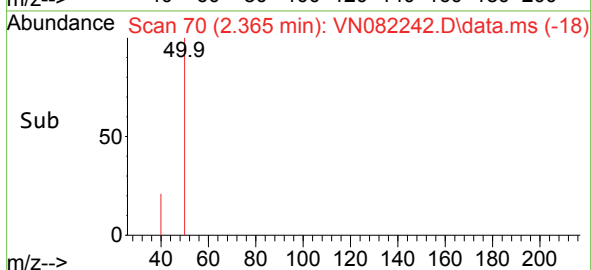
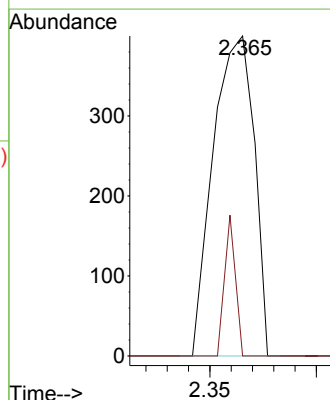
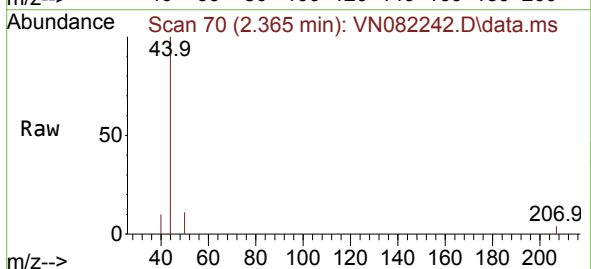
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:168 Resp: 155383
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 50 Resp: 534
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

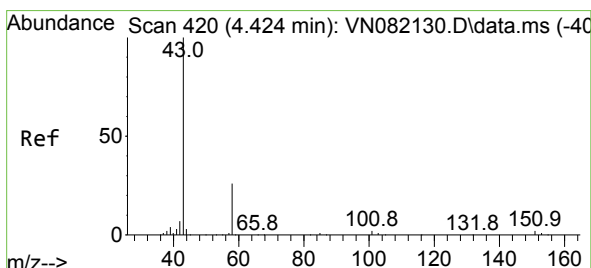
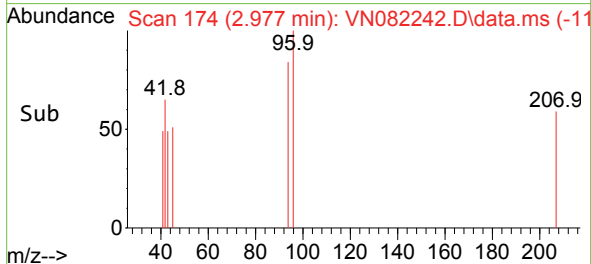
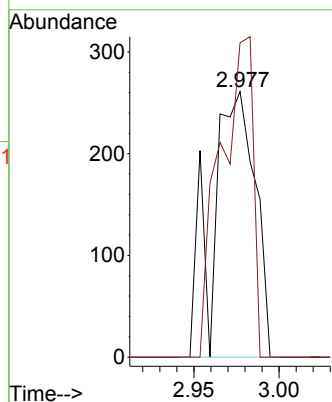
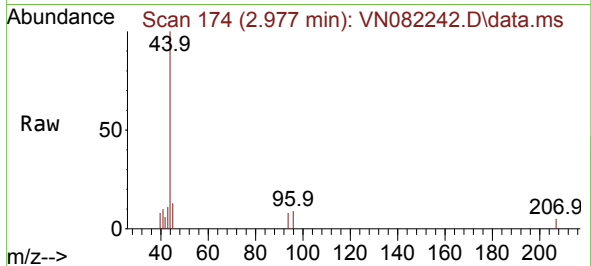




#5
Bromomethane
Concen: 0.331 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

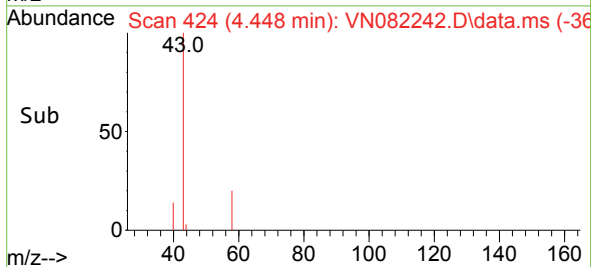
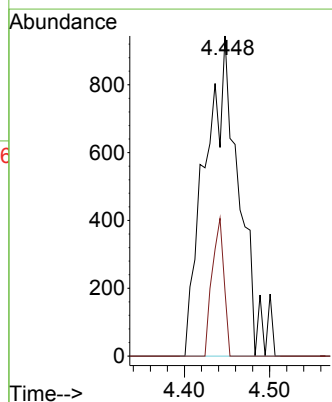
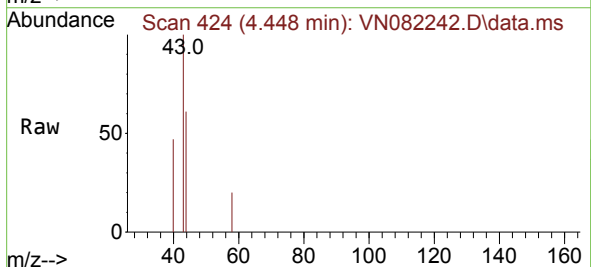
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 94 Resp: 454
Ion Ratio Lower Upper
94 100
96 118.4 74.8 112.2#



#16
Acetone
Concen: 2.599 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
58 20.3 25.2 37.8#

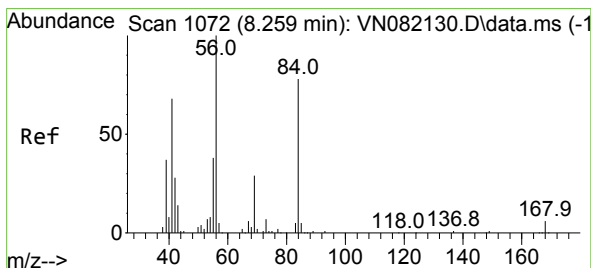
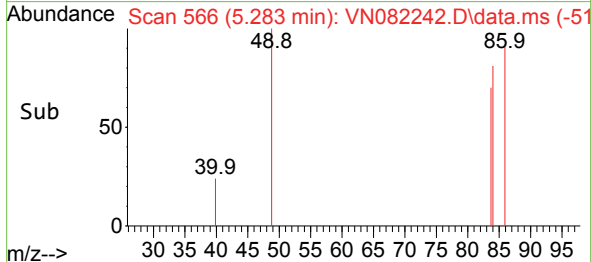
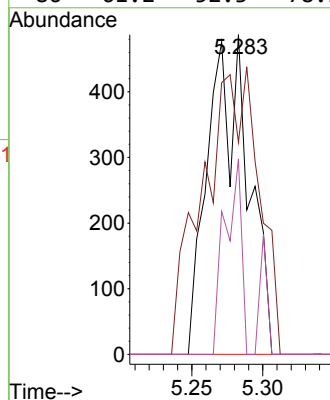
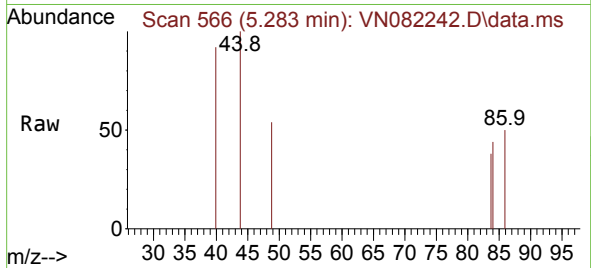




#20
Methylene Chloride
Concen: 0.469 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

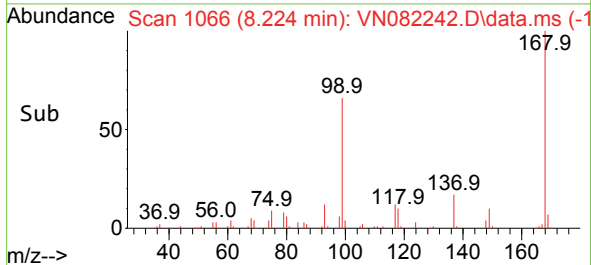
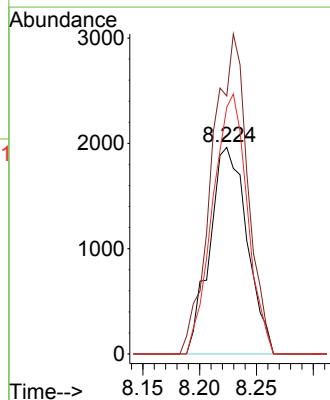
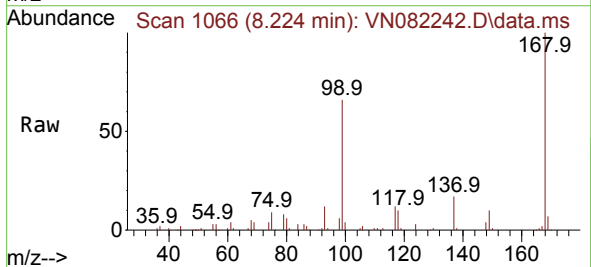
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 84 Resp: 953
Ion Ratio Lower Upper
84 100
49 66.3 84.9 127.3#
51 0.0 27.0 40.6#
86 61.2 52.3 78.5



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 56 Resp: 4475
Ion Ratio Lower Upper
56 100
69 124.9 24.4 36.6#
84 119.4 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 54.762 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082242.D

Acq: 21 May 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

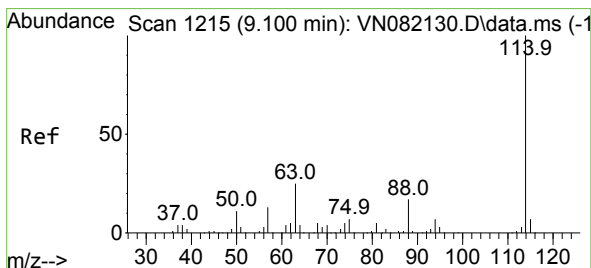
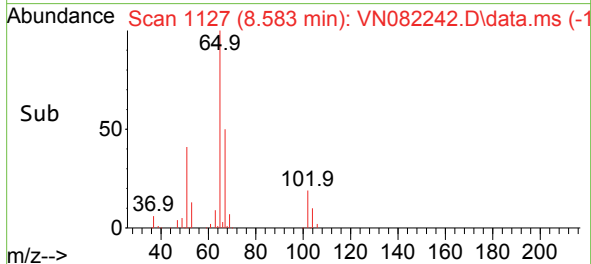
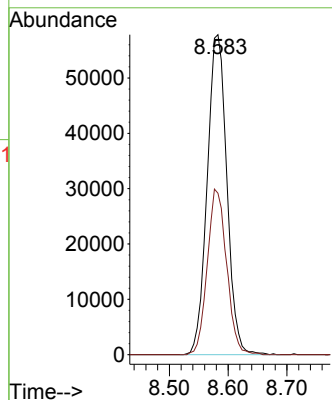
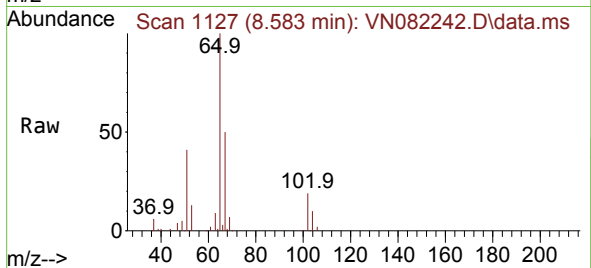
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 65 Resp: 134361

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082242.D

Acq: 21 May 2024 15:53

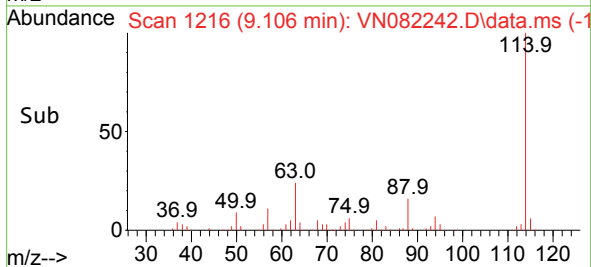
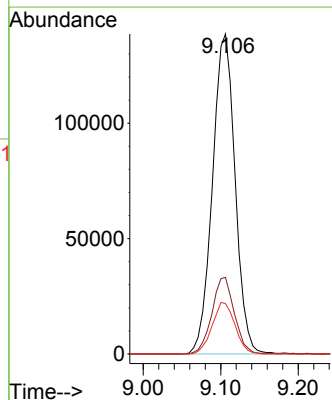
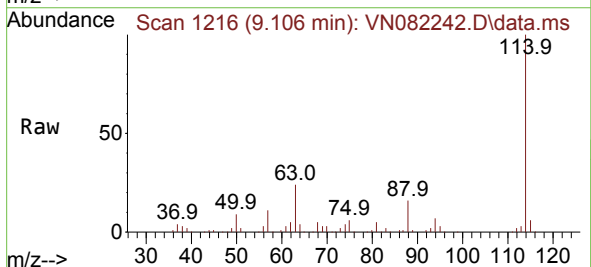
Tgt Ion: 114 Resp: 281535

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 15.8 0.0 31.4

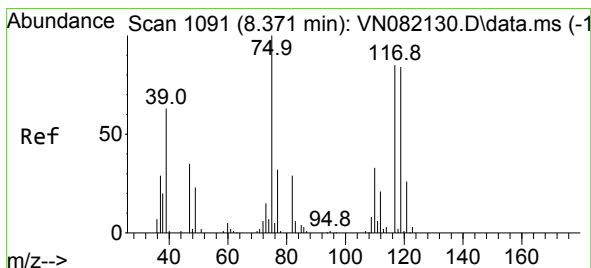
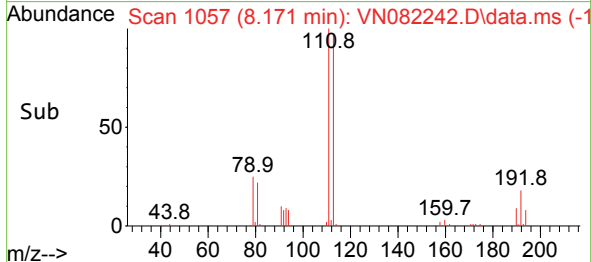
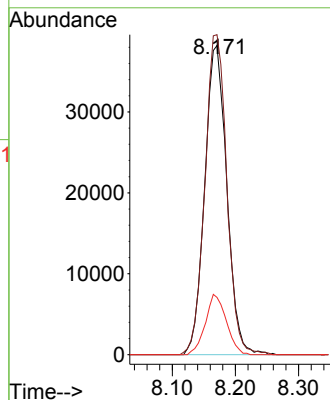
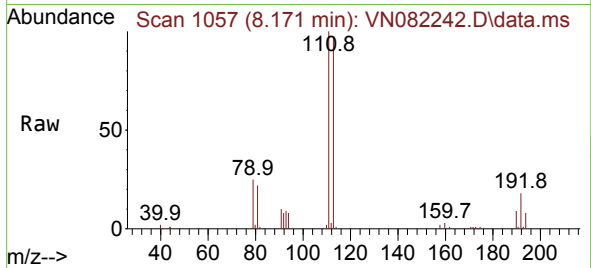




#35
Dibromofluoromethane
Concen: 53.674 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

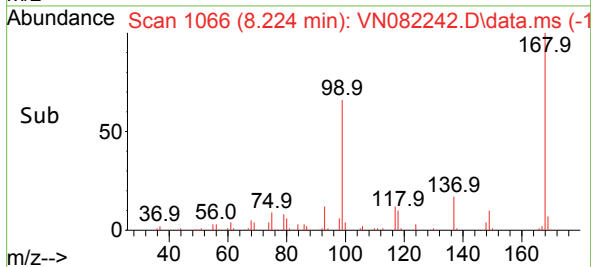
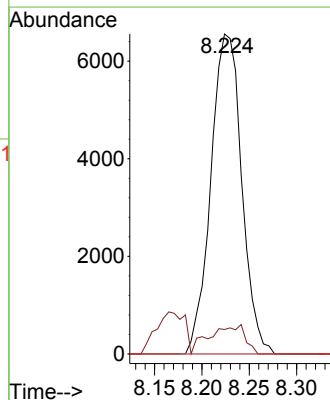
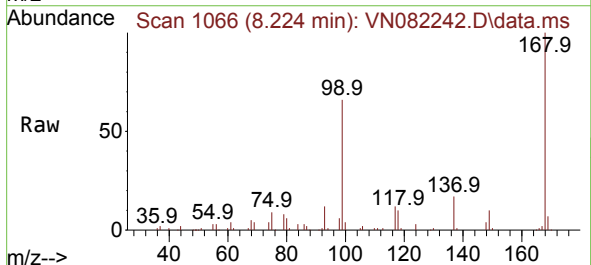
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

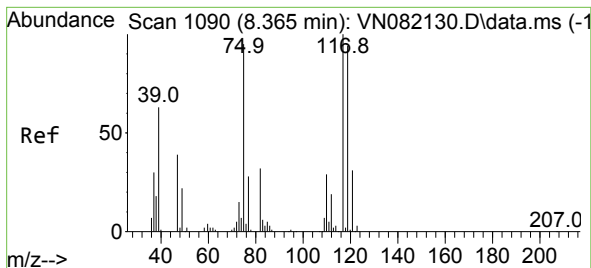
Tgt Ion:113 Resp: 92956
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 75 Resp: 14840
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.017 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082242.D

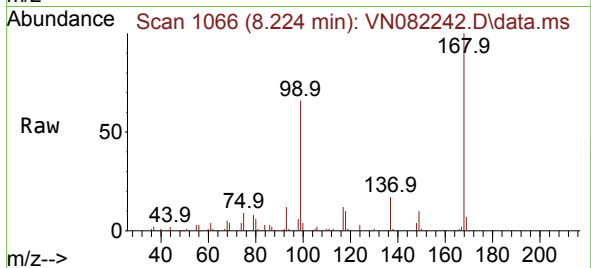
Acq: 21 May 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG



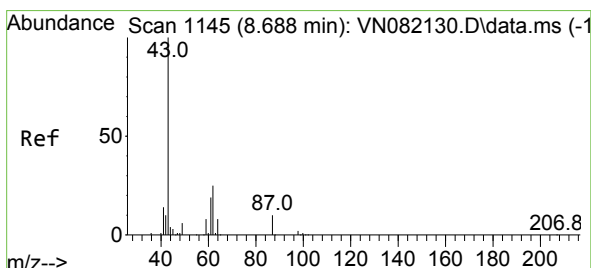
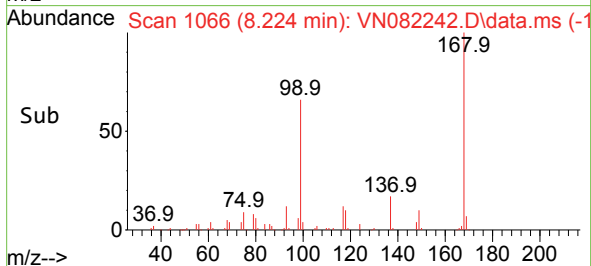
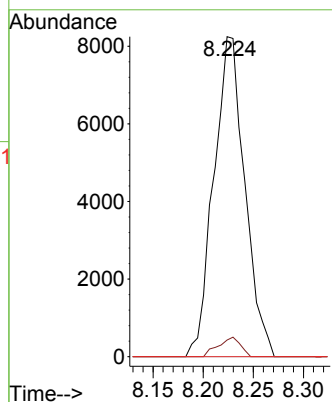
Tgt Ion:117 Resp: 17718

Ion Ratio Lower Upper

117 100

119 5.2 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 1.147 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN082242.D

Acq: 21 May 2024 15:53

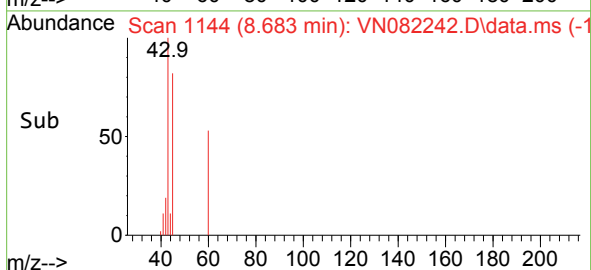
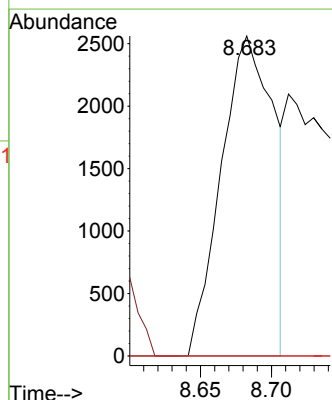
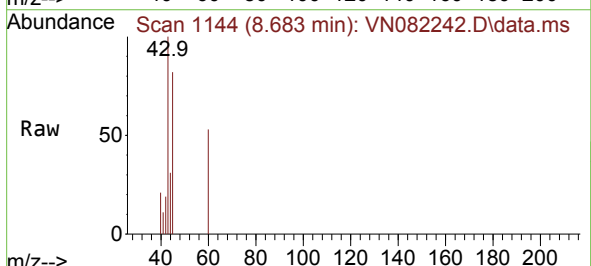
Tgt Ion: 43 Resp: 6609

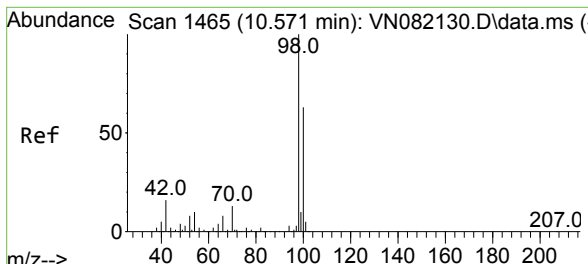
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

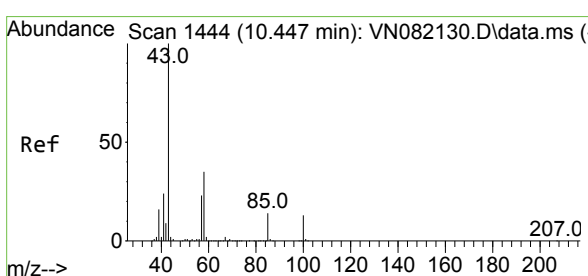
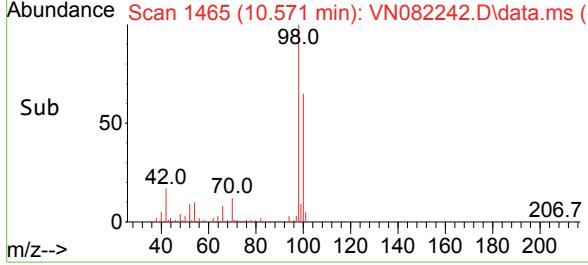
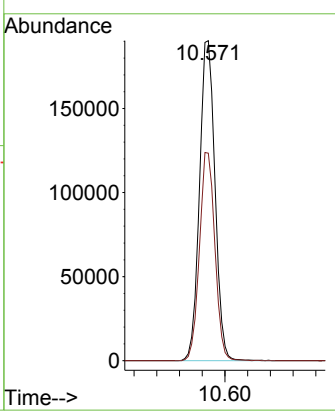
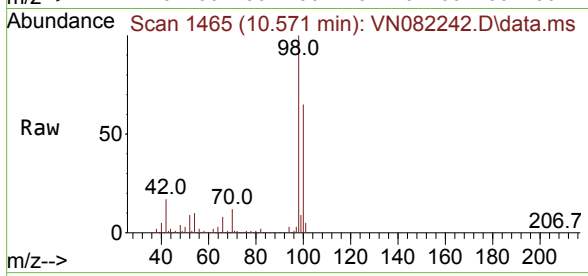




#50
Toluene-d8
Concen: 54.047 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

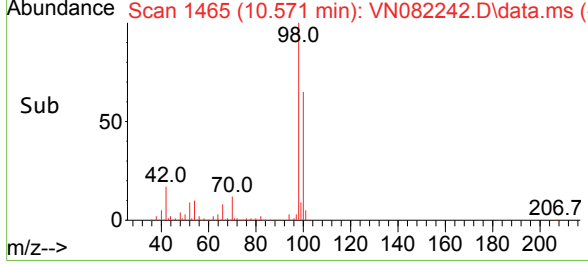
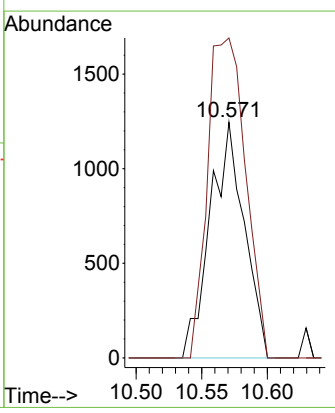
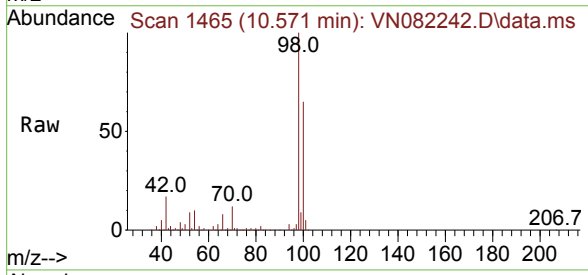
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

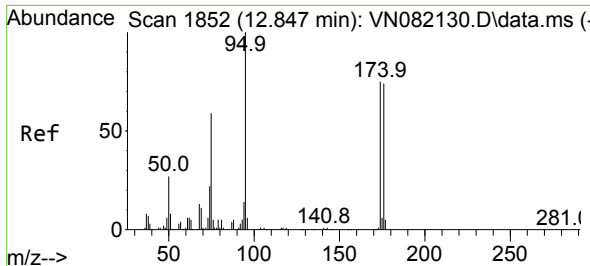
Tgt Ion:	98	Resp:	358868
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.8	77.6



#51
4-Methyl-2-Pentanone
Concen: 0.689 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion:	43	Resp:	2255
Ion Ratio	Lower	Upper	
43	100		
58	152.1	33.2	49.8#

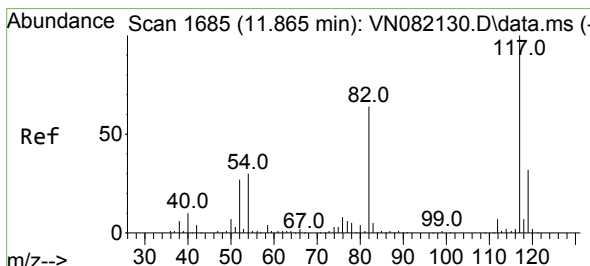
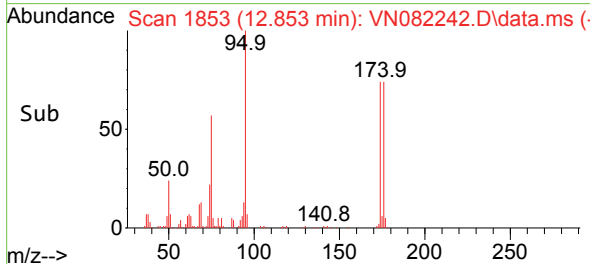
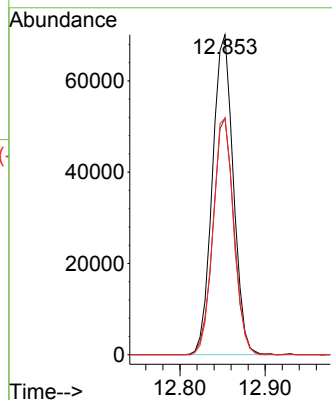
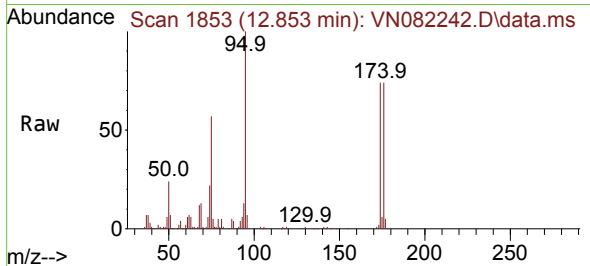




#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

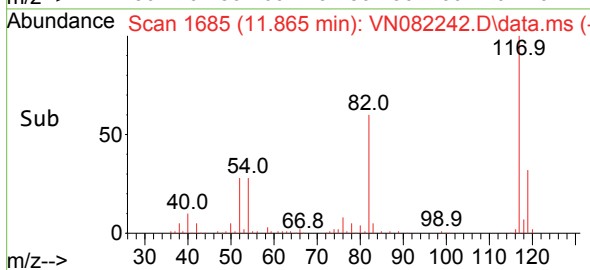
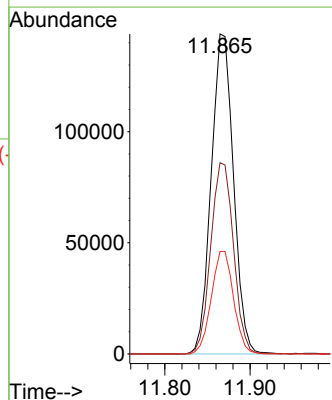
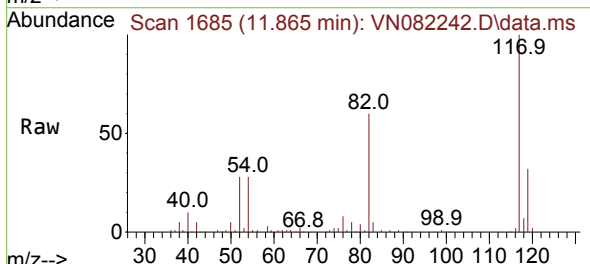
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

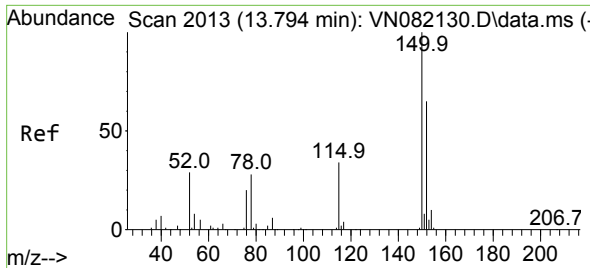
Tgt Ion: 95 Resp: 119425
Ion Ratio Lower Upper
95 100
174 73.8 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 117 Resp: 261454
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 32.1 25.9 38.9

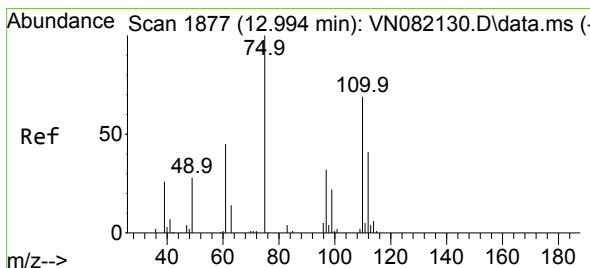
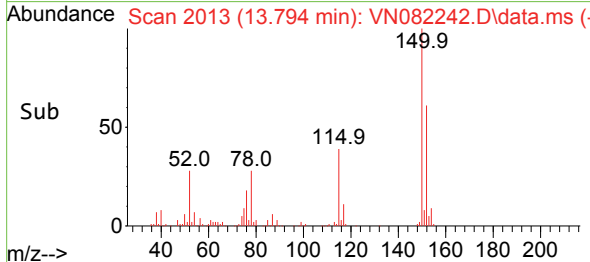
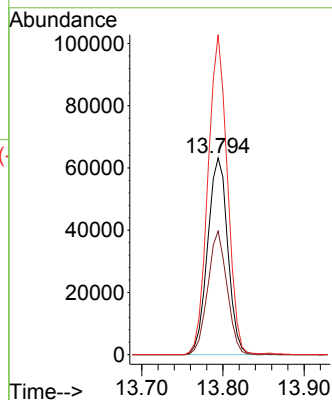
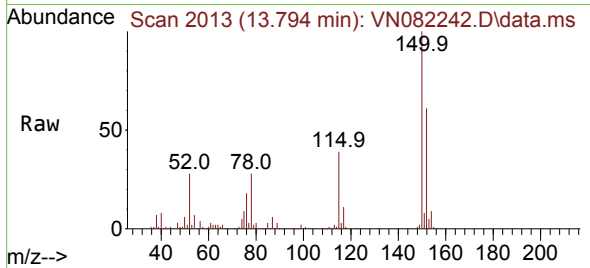




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

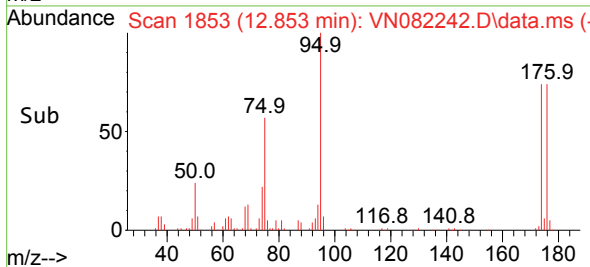
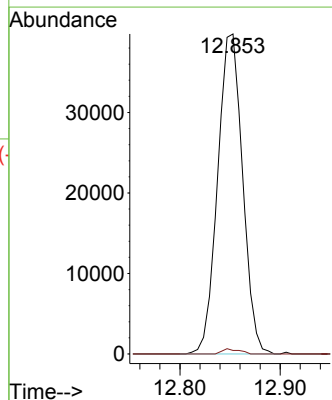
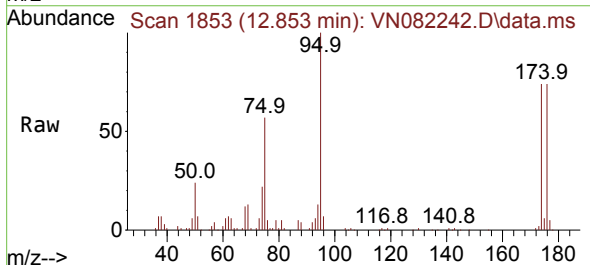
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

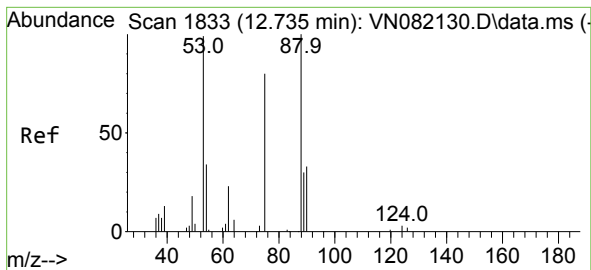
Tgt Ion:152 Resp: 108988
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 156.2 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 29.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082242.D
Acq: 21 May 2024 15:53

Tgt Ion: 75 Resp: 68725
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.074 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082242.D
 Acq: 21 May 2024 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 68725
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

