

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082422.D
 Acq On : 31 May 2024 20:48
 Operator : JC\MD
 Sample : P2694-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-053124

Quant Time: May 31 23:05:00 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)

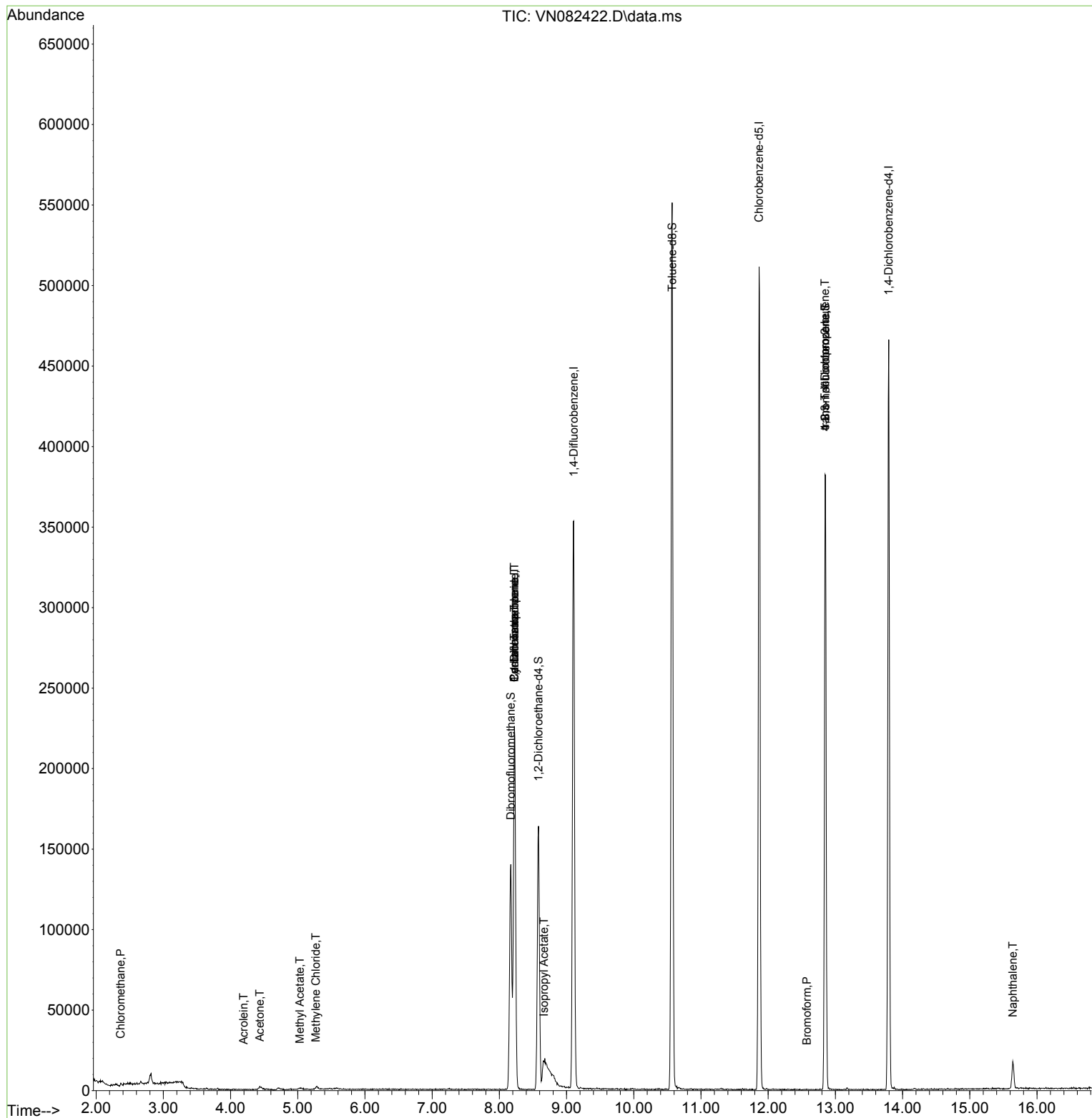
Internal Standards						
1) Pentafluorobenzene	8.224	168	156575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132932	53.767	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.540%		
35) Dibromofluoromethane	8.171	113	94705	53.588	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.180%		
50) Toluene-d8	10.571	98	364836	53.845	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	12.853	95	126294	52.222	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 104.440%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	623	0.244	ug/l #	72
13) Acrolein	4.194	56	75	0.255	ug/l #	15
16) Acetone	4.436	43	2349	2.316	ug/l	90
18) Methyl Acetate	5.030	43	1070	0.424	ug/l #	47
20) Methylene Chloride	5.271	84	992	0.485	ug/l #	75
31) Cyclohexane	8.224	56	4662	1.181	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	15430	5.206	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17167	5.713	ug/l #	17
43) Isopropyl Acetate	8.665	43	12856	2.187	ug/l #	52
71) Bromoform	12.576	173	59	0.739	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	73143	30.323	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	73143	70.925	ug/l #	12
95) Naphthalene	15.641	128	17690	2.706	ug/l	97

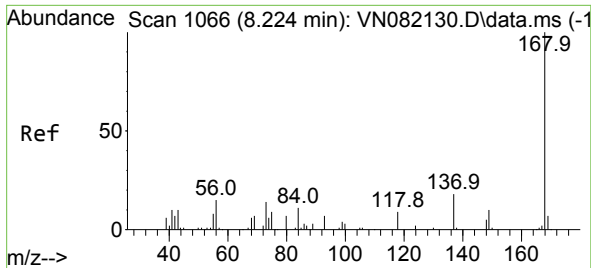
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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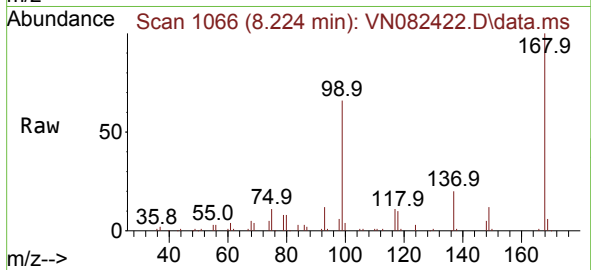
Quant Time: May 31 23:05:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



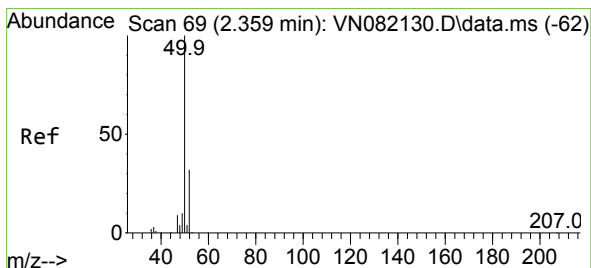
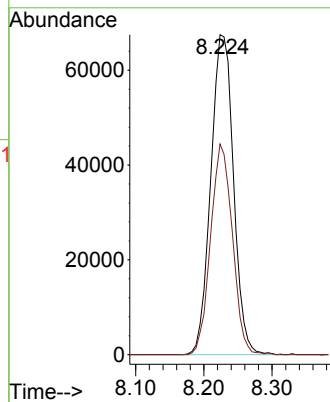
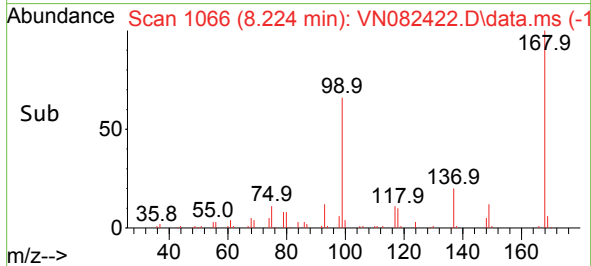


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

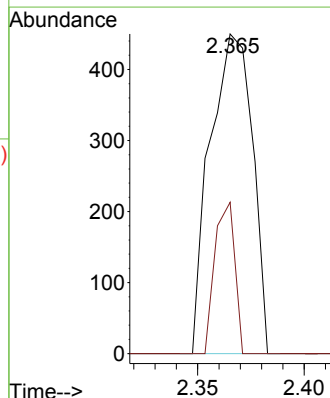
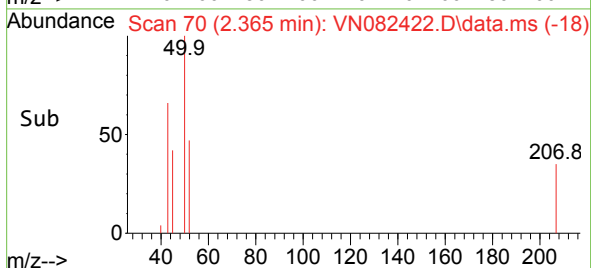
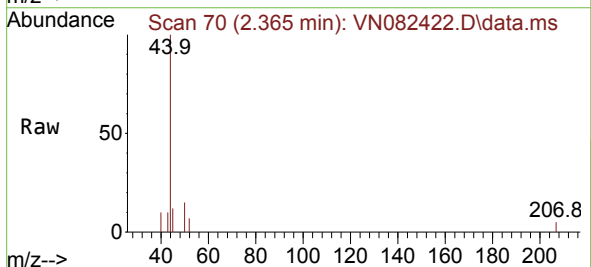


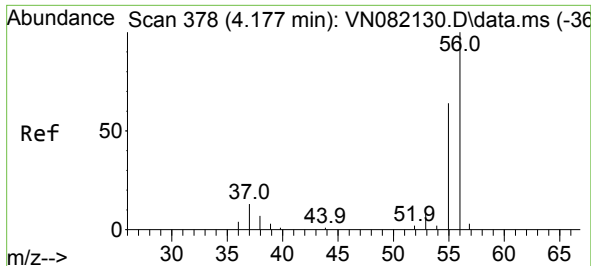
Tgt Ion:168 Resp: 156575
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Tgt Ion: 50 Resp: 623
Ion Ratio Lower Upper
50 100
52 47.3 25.5 38.3#

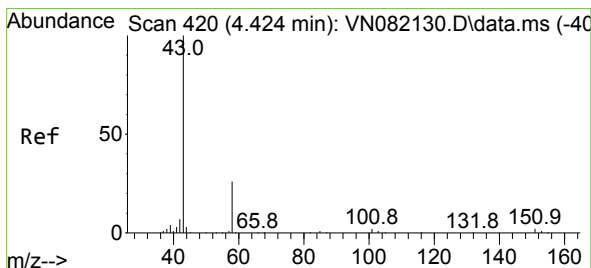
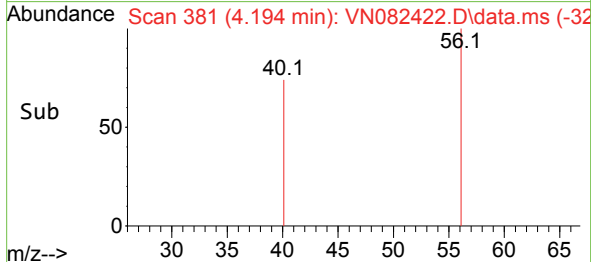
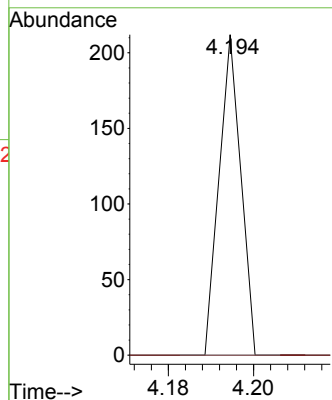
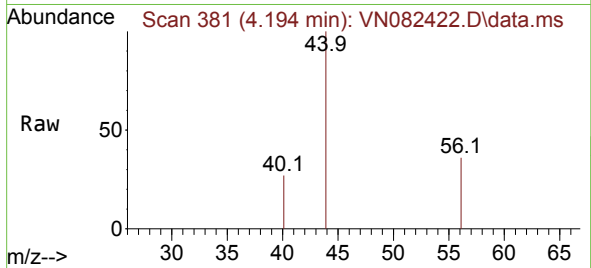




#13
Acrolein
Concen: 0.255 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.017 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

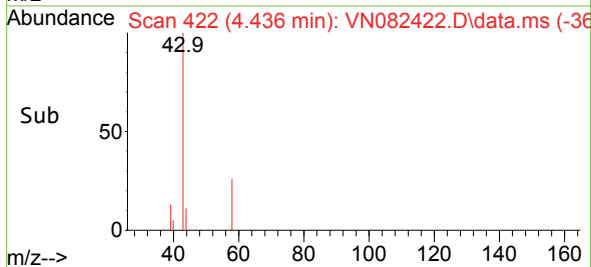
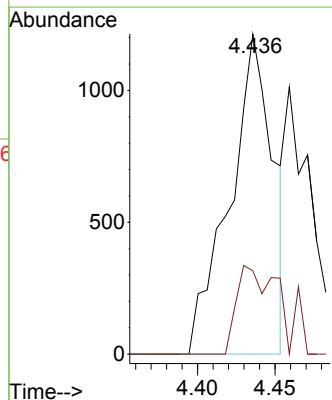
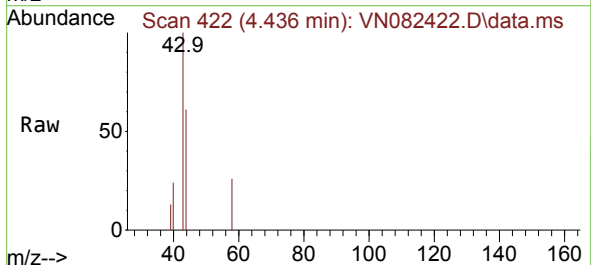
Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

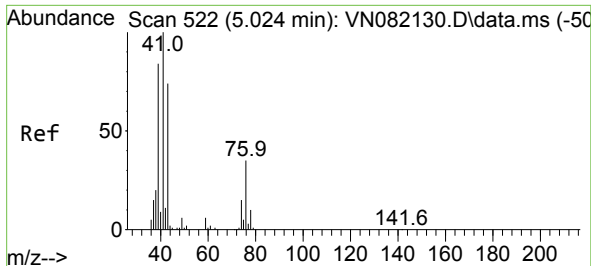
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#



#16
Acetone
Concen: 2.316 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Tgt Ion: 43 Resp: 2349
Ion Ratio Lower Upper
43 100
58 26.0 25.2 37.8

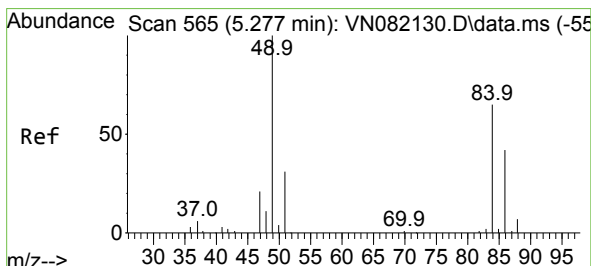
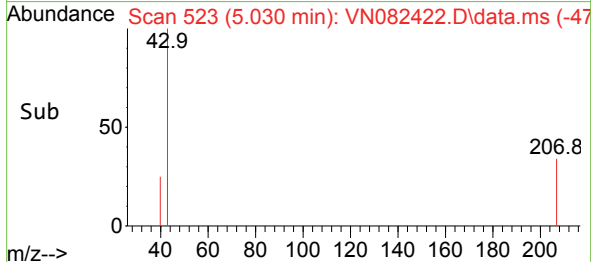
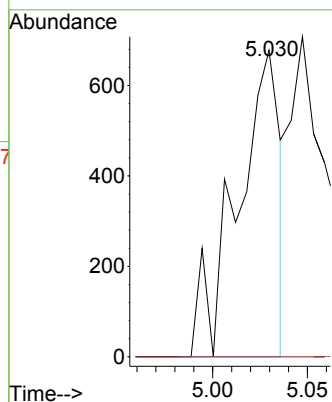
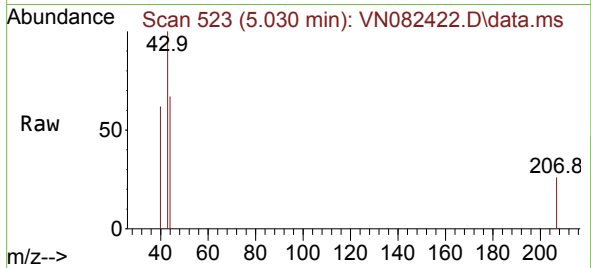




#18
Methyl Acetate
Concen: 0.424 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

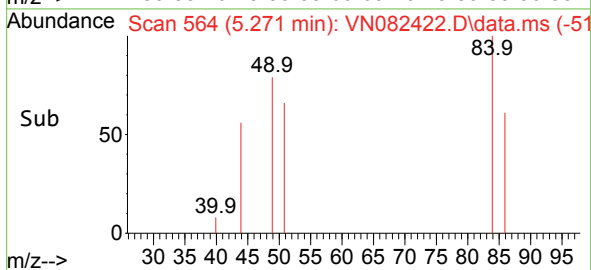
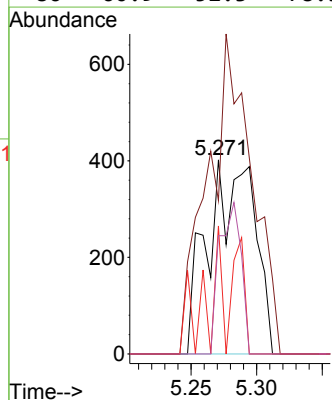
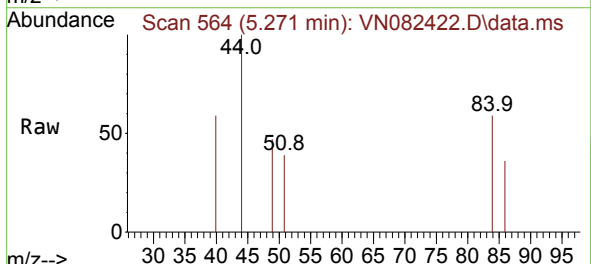
Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

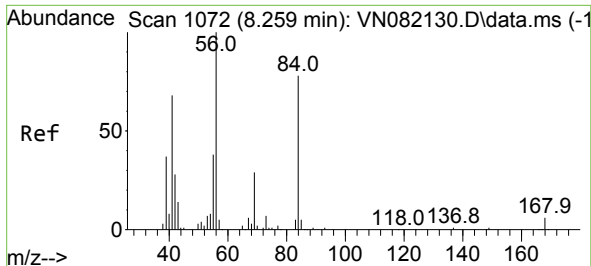
Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.485 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

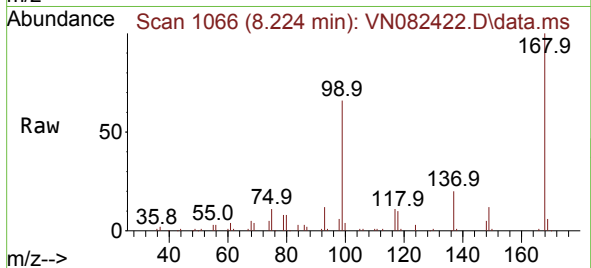
Tgt Ion: 84 Resp: 992
Ion Ratio Lower Upper
84 100
49 79.1 84.9 127.3#
51 65.9 27.0 40.6#
86 60.9 52.3 78.5



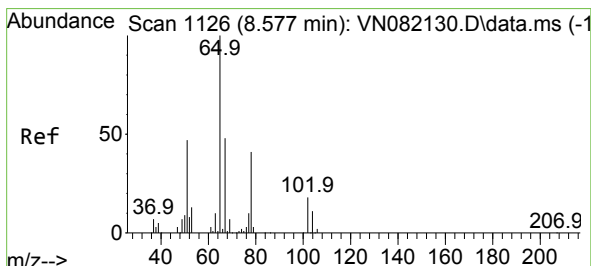
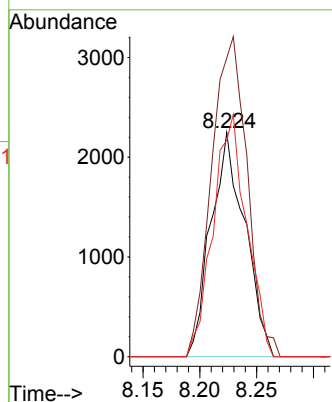
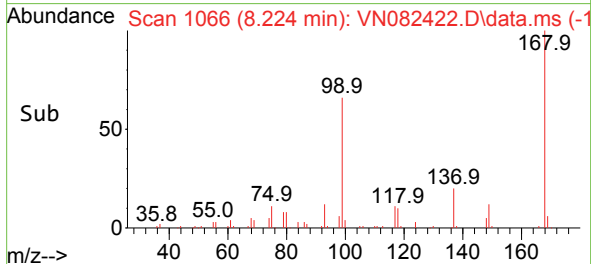


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

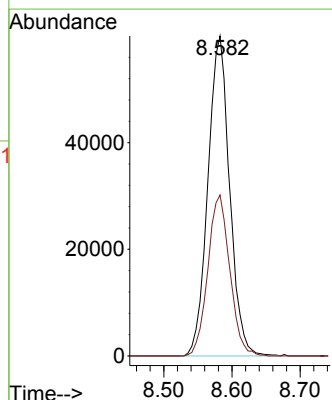
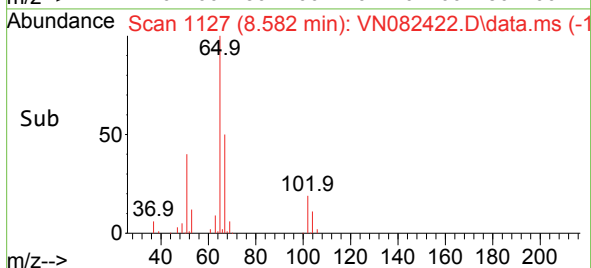
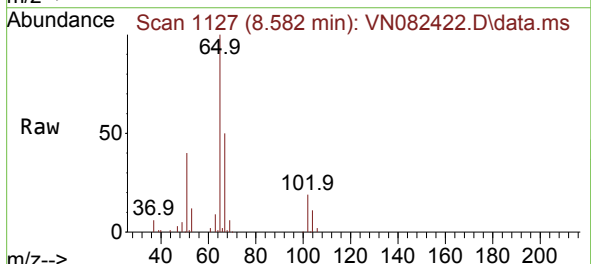


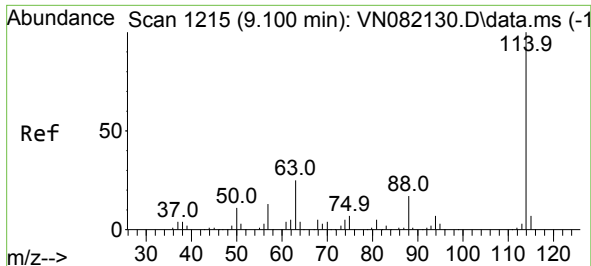
Tgt Ion: 56 Resp: 4662
Ion Ratio Lower Upper
56 100
69 133.2 24.4 36.6#
84 96.5 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.767 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Tgt Ion: 65 Resp: 132932
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082422.D

Acq: 31 May 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

TB-01-053124

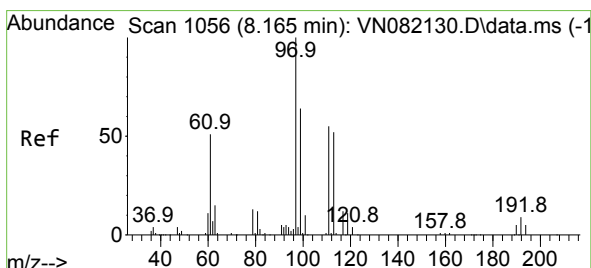
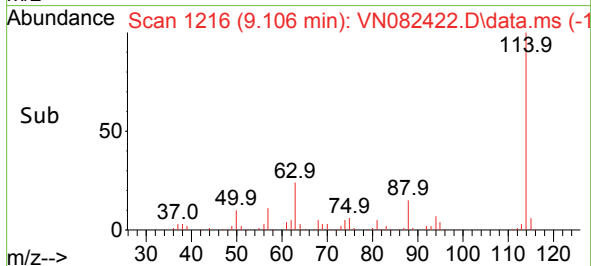
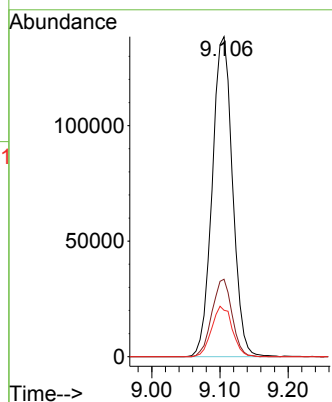
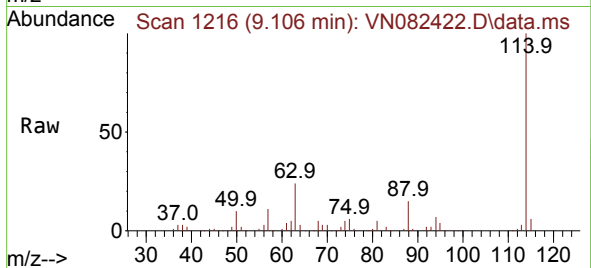
Tgt Ion:114 Resp: 287292

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 14.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.588 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082422.D

Acq: 31 May 2024 20:48

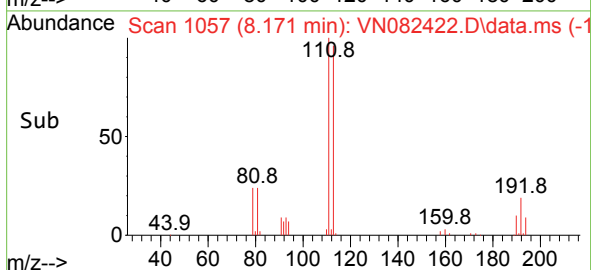
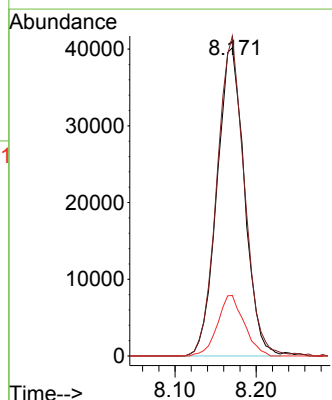
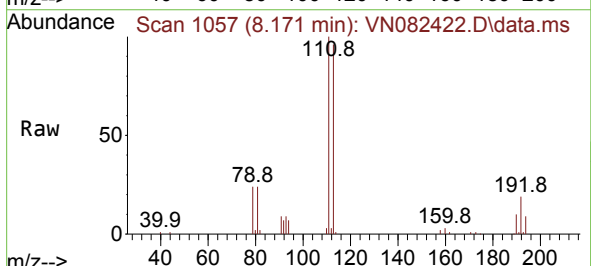
Tgt Ion:113 Resp: 94705

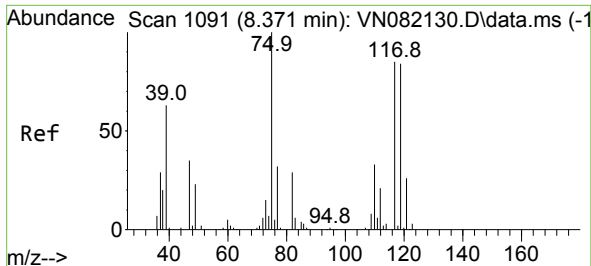
Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 19.0 14.0 21.0

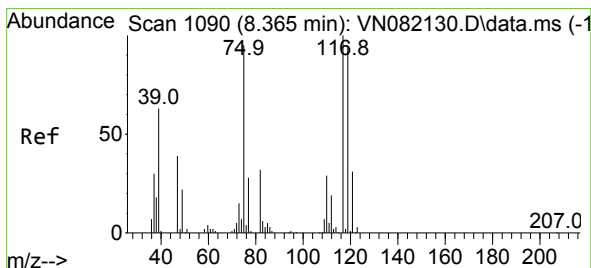
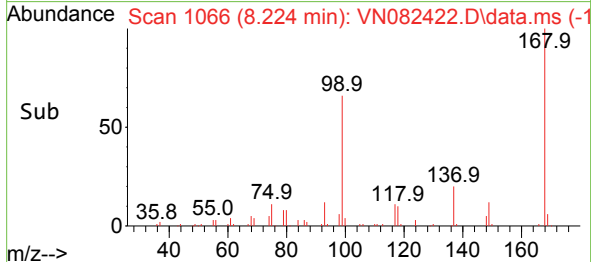
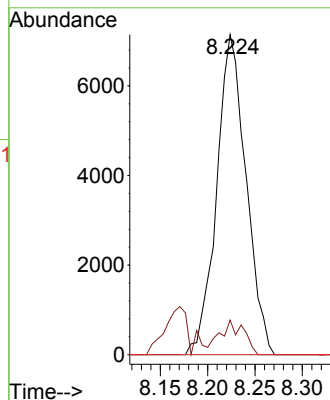
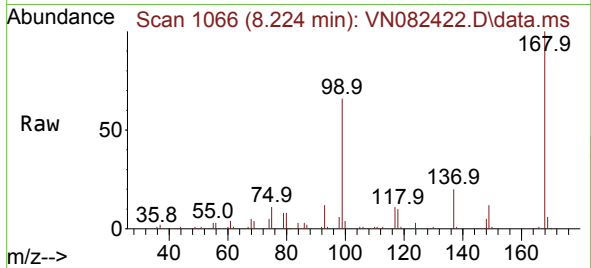




#36
1,1-Dichloropropene
Concen: 5.206 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

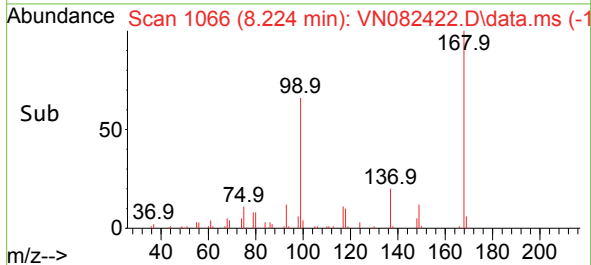
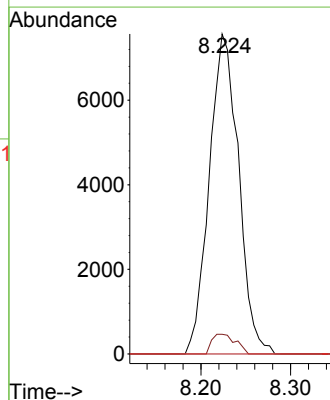
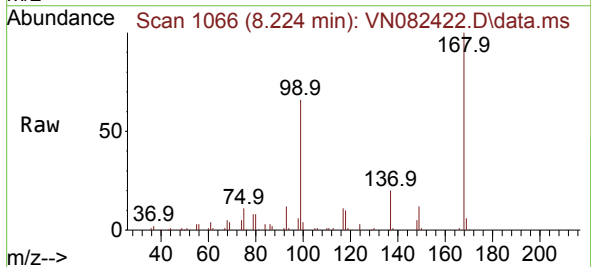
Instrument :
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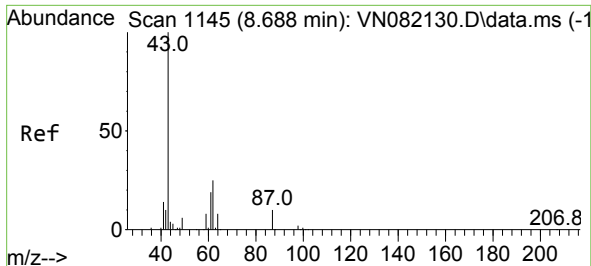
Tgt Ion: 75 Resp: 15430
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

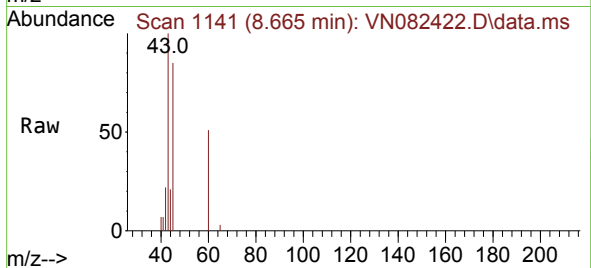
Tgt Ion: 117 Resp: 17167
Ion Ratio Lower Upper
117 100
119 6.2 76.5 114.7#
121 0.0 23.9 35.9#



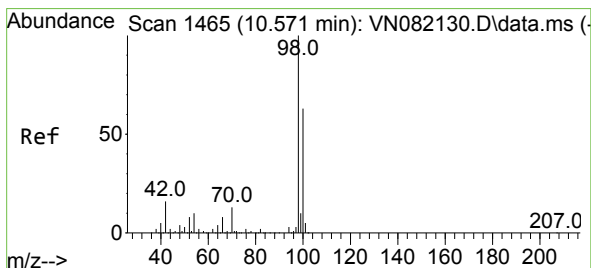
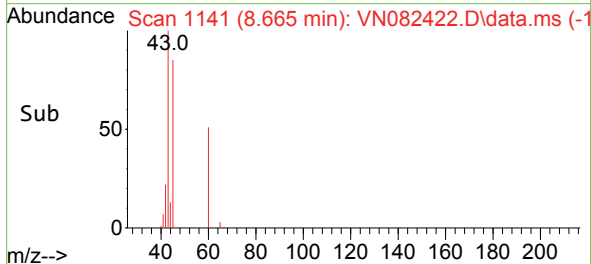
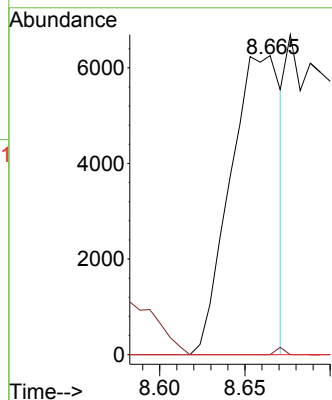


#43
Isopropyl Acetate
Concen: 2.187 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.024 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Instrument :
MSVOA_N
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TB-01-053124

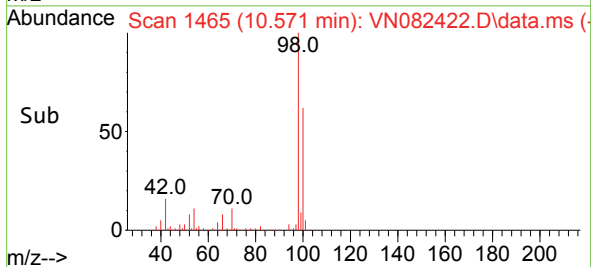
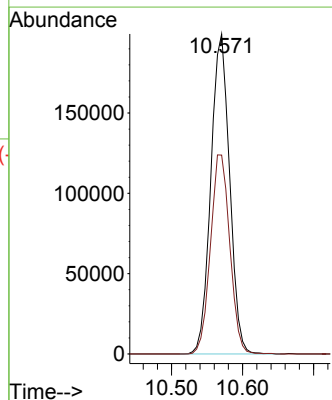
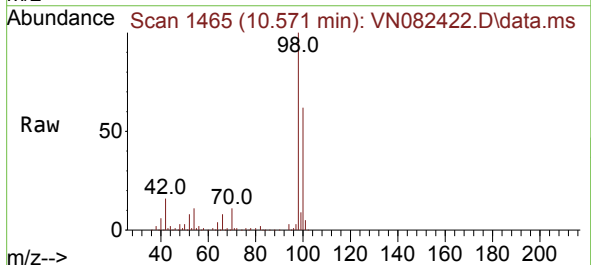


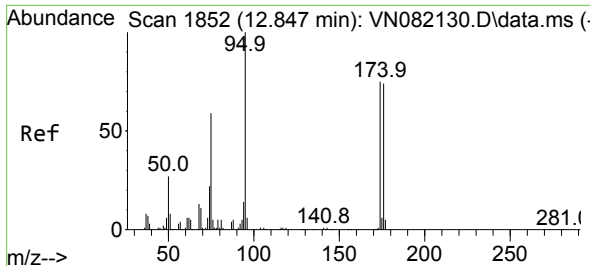
Tgt Ion: 43 Resp: 12856
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Tgt Ion: 98 Resp: 364836
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

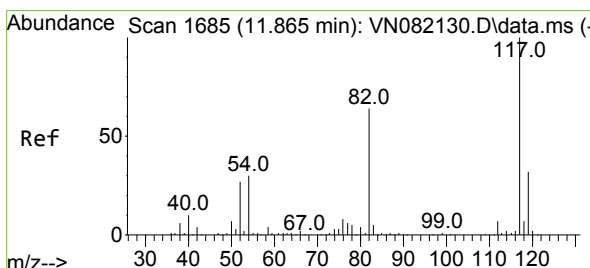
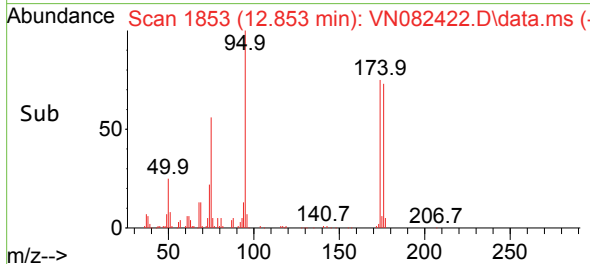
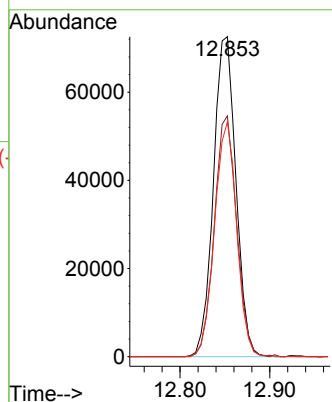
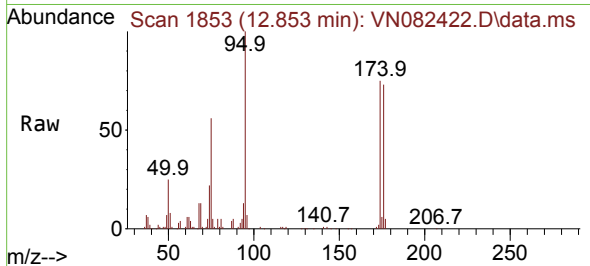




#62
4-Bromofluorobenzene
Concen: 52.222 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

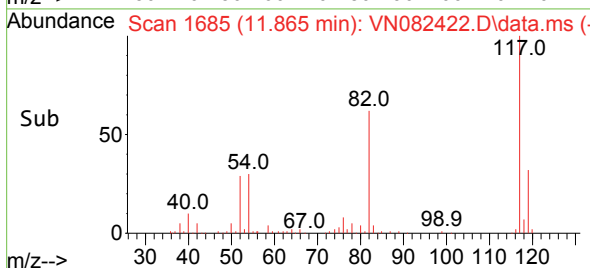
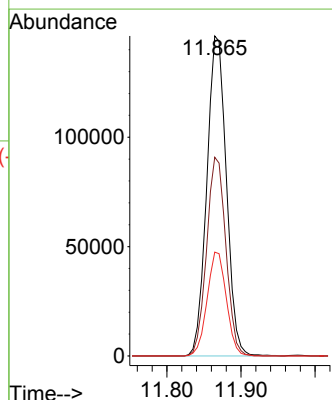
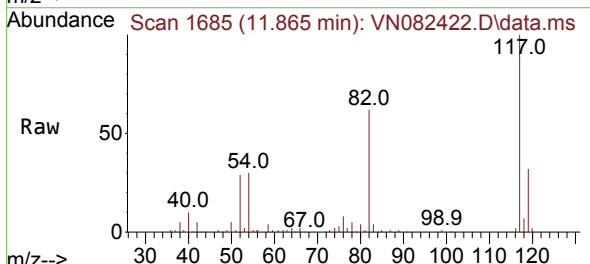
Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

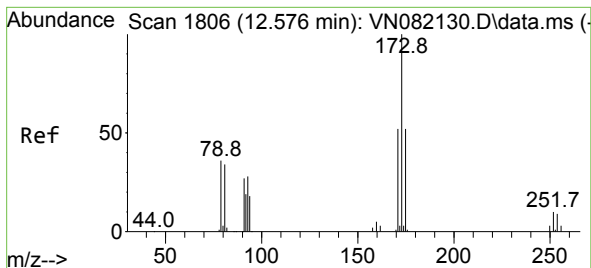
Tgt Ion: 95 Resp: 126294
Ion Ratio Lower Upper
95 100
174 74.8 0.0 160.6
176 71.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Tgt Ion: 117 Resp: 267661
Ion Ratio Lower Upper
117 100
82 62.1 44.6 66.8
119 32.5 25.9 38.9





#71

Bromoform

Concen: 0.739 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN082422.D

Acq: 31 May 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

TB-01-053124

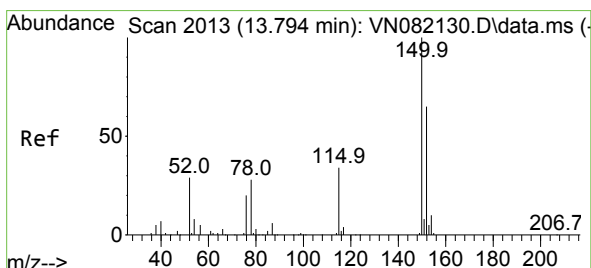
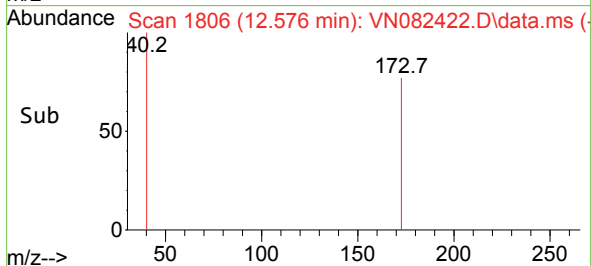
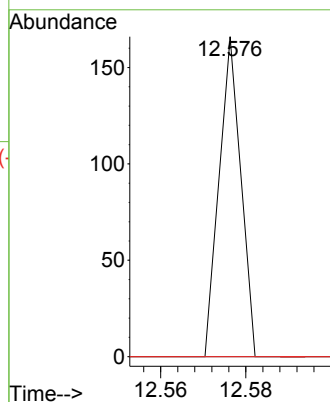
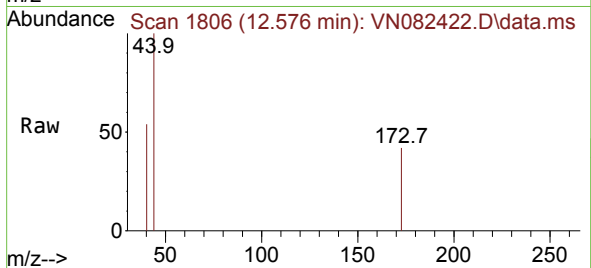
Tgt Ion:173 Resp: 59

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

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: VN082422.D

Acq: 31 May 2024 20:48

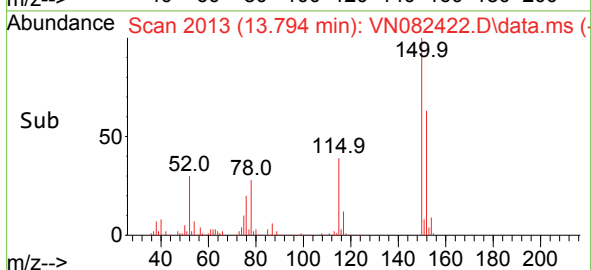
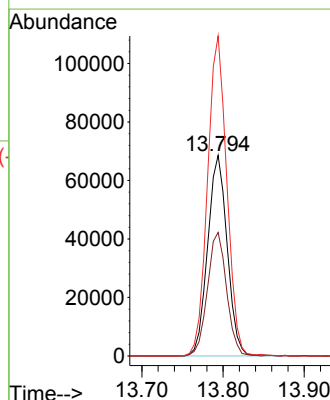
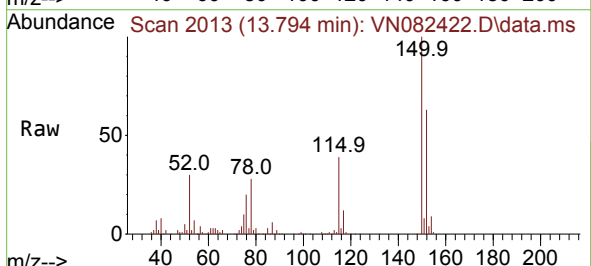
Tgt Ion:152 Resp: 114602

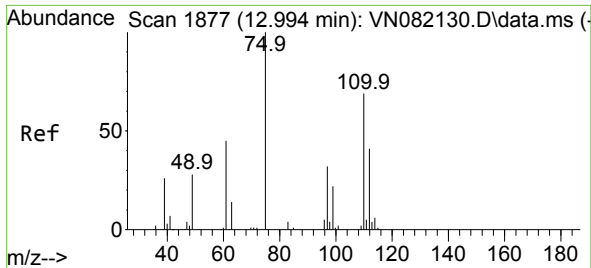
Ion Ratio Lower Upper

152 100

115 60.3 30.4 91.3

150 157.1 0.0 353.2

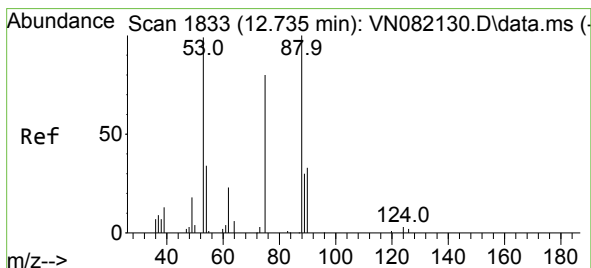
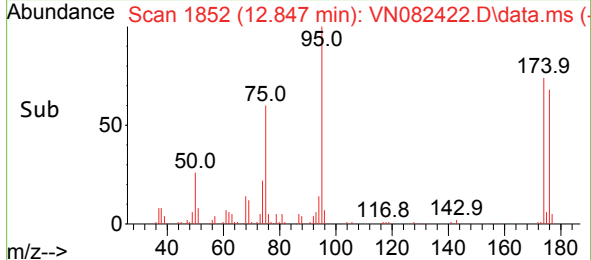
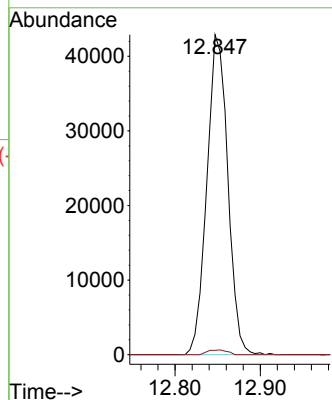
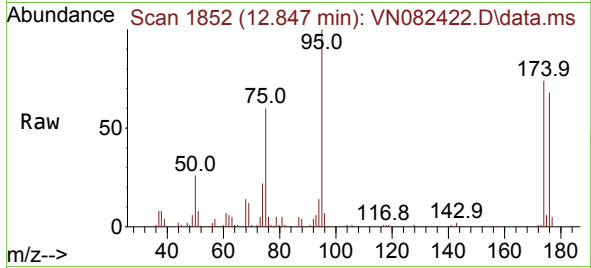




#76
1,2,3-Trichloropropane
Concen: 30.323 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

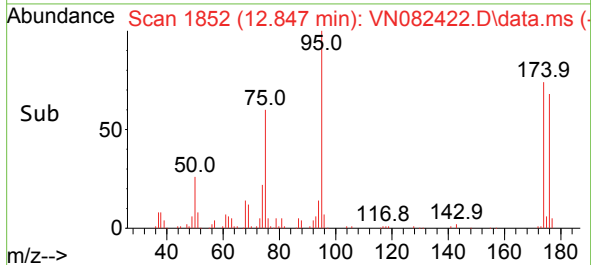
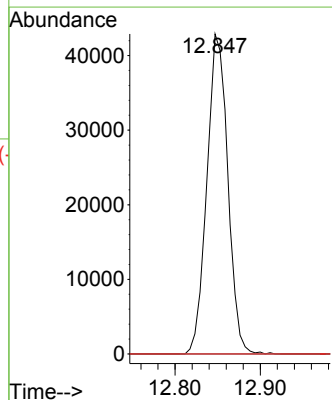
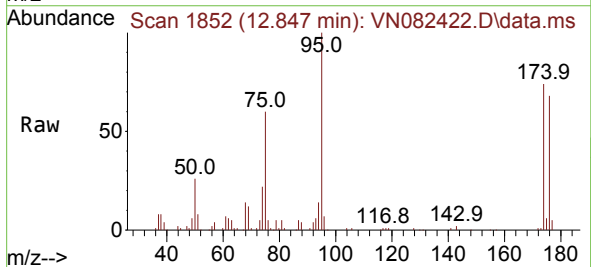
Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124

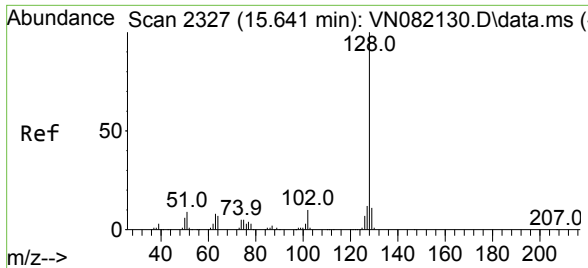
Tgt Ion: 75 Resp: 73143
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.925 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

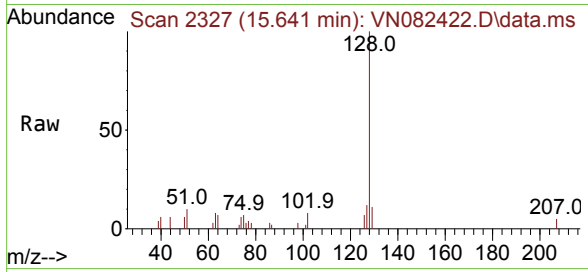
Tgt Ion: 75 Resp: 73143
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#





#95
Naphthalene
Concen: 2.706 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082422.D
Acq: 31 May 2024 20:48

Instrument :
MSVOA_N
ClientSampleId :
TB-01-053124



Tgt Ion:	128	Resp:	17690
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.1	15.1
129	9.8	8.9	13.3

