

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082358.D
 Acq On : 28 May 2024 19:45
 Operator : JC\MD
 Sample : P2609-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 29 06:58:58 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	204954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	160899	49.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.171	113	116717	53.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.760%
50) Toluene-d8	10.570	98	445845	53.685	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.853	95	157108	53.002	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	106.000%

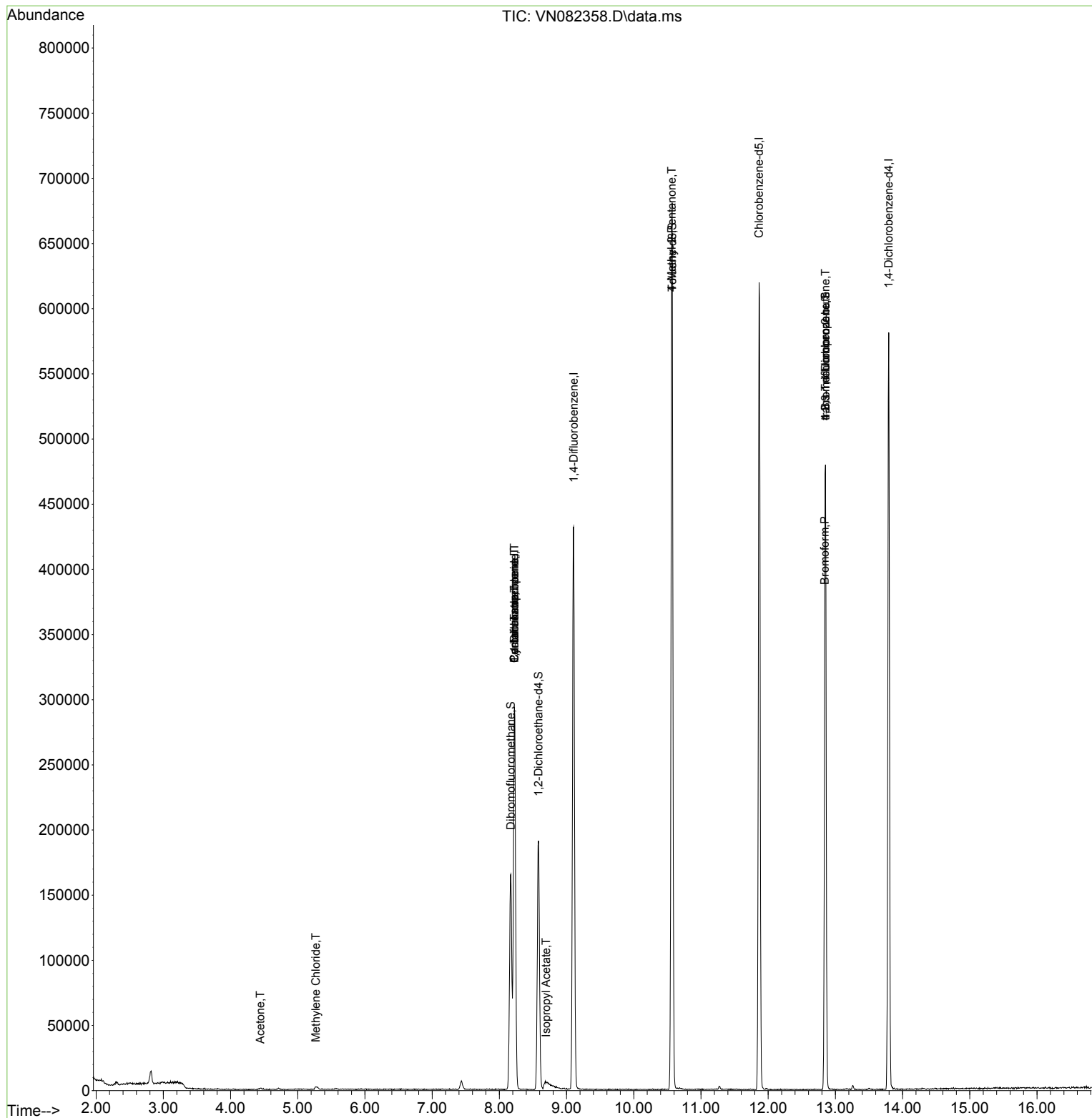
Target Compounds					Qvalue	
16) Acetone	4.441	43	2372	1.787	ug/l #	86
20) Methylene Chloride	5.271	84	1490	0.556	ug/l #	94
31) Cyclohexane	8.224	56	5865	1.135	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	18241	5.021	ug/l #	50
38) Carbon Tetrachloride	8.224	117	22360	6.072	ug/l #	16
43) Isopropyl Acetate	8.694	43	5851	0.812	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2773	0.677	ug/l #	1
71) Bromoform	12.841	173	574	0.994	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	93937	30.680	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	93937	71.761	ug/l #	12

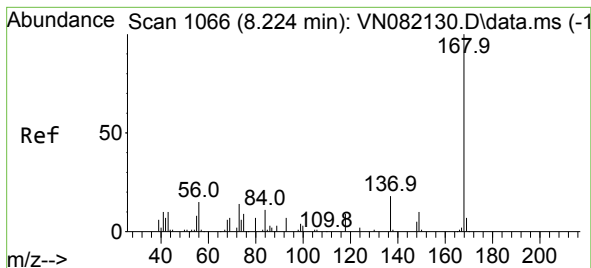
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
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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: VN082358.D

Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

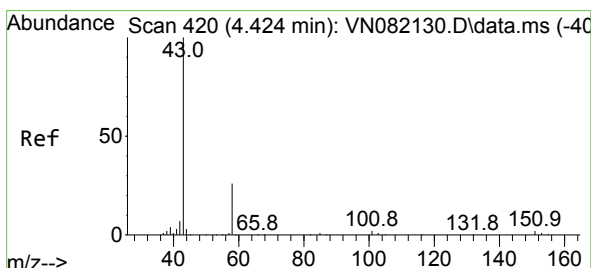
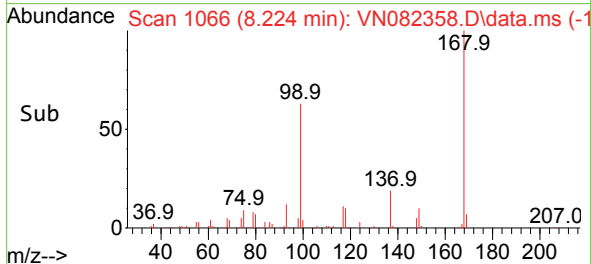
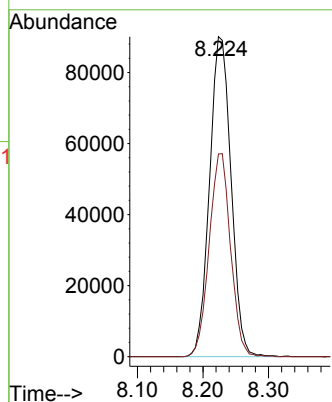
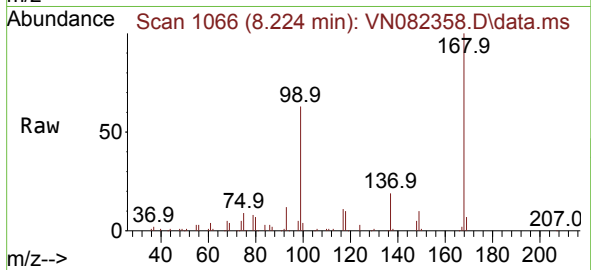
ClientSampleId :

Tgt Ion:168 Resp: 204954

Ion Ratio Lower Upper

168 100

99 63.3 48.2 72.4



#16

Acetone

Concen: 1.787 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN082358.D

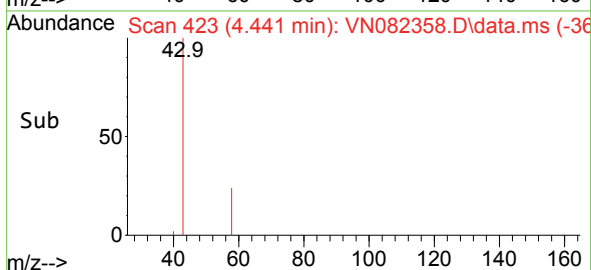
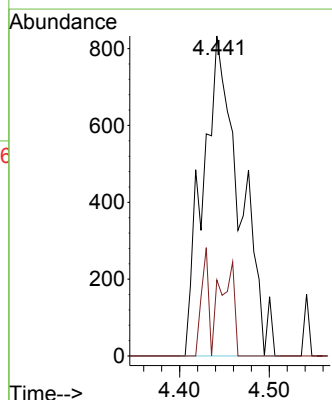
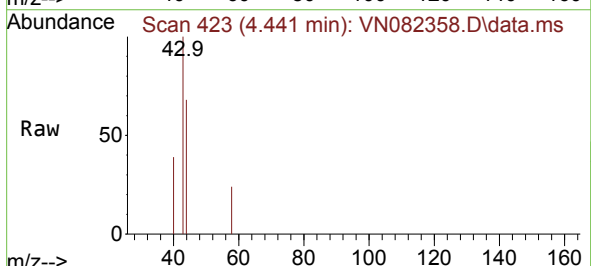
Acq: 28 May 2024 19:45

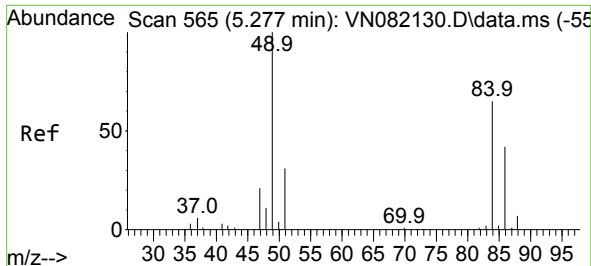
Tgt Ion: 43 Resp: 2372

Ion Ratio Lower Upper

43 100

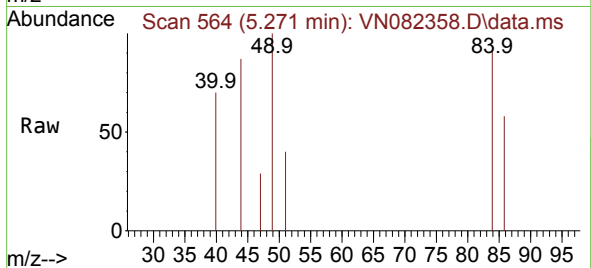
58 23.8 25.2 37.8#



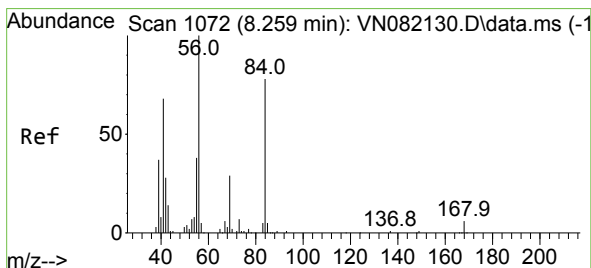
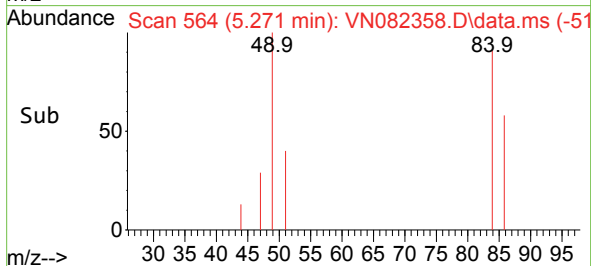
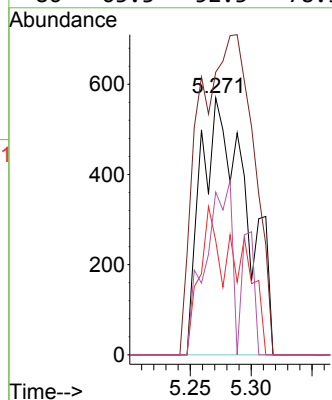


#20
Methylene Chloride
Concen: 0.556 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Instrument :
MSVOA_N
ClientSampleId :

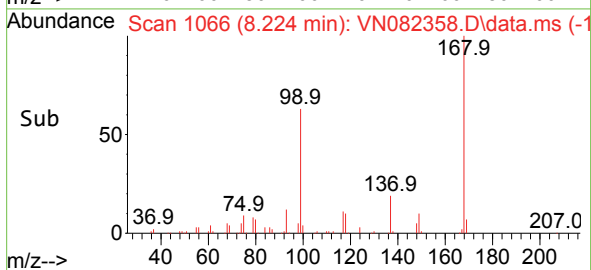
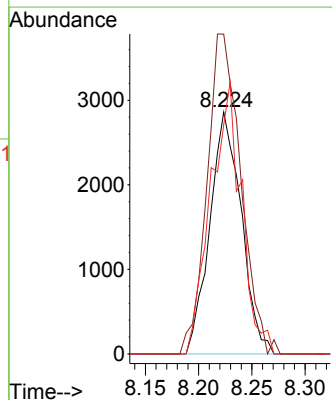
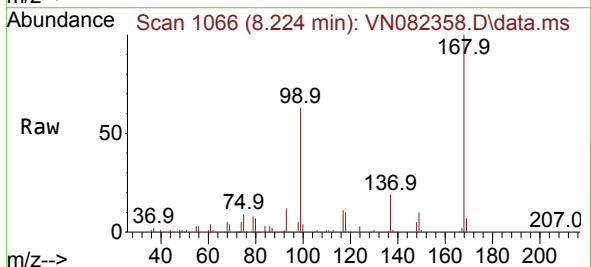


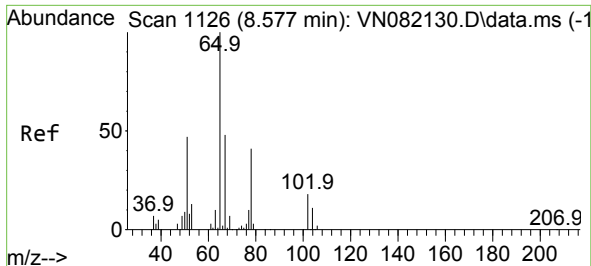
Tgt Ion:	84	Resp:	1490
Ion	Ratio	Lower	Upper
84	100		
49	110.0	84.9	127.3
51	44.4	27.0	40.6#
86	63.3	52.3	78.5



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion:	56	Resp:	5865
Ion	Ratio	Lower	Upper
56	100		
69	132.3	24.4	36.6#
84	94.8	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 49.717 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

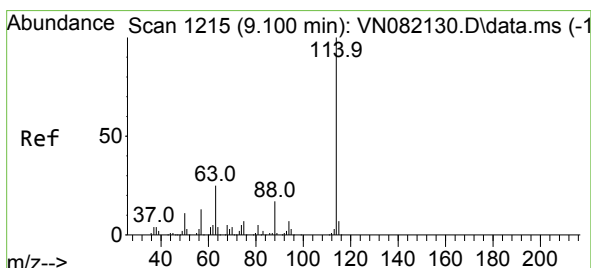
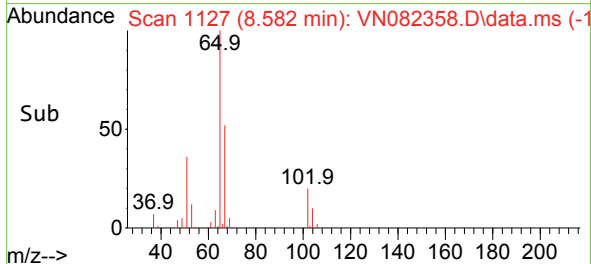
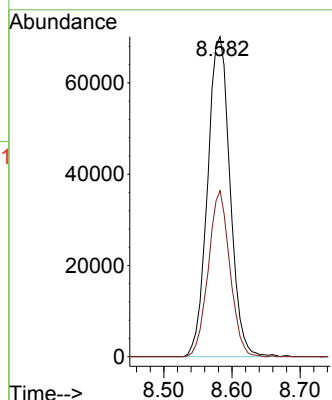
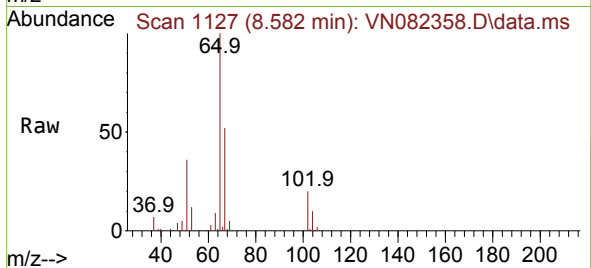
ClientSampleId :

Tgt Ion: 65 Resp: 160899

Ion Ratio Lower Upper

65 100

67 49.7 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: VN082358.D

Acq: 28 May 2024 19:45

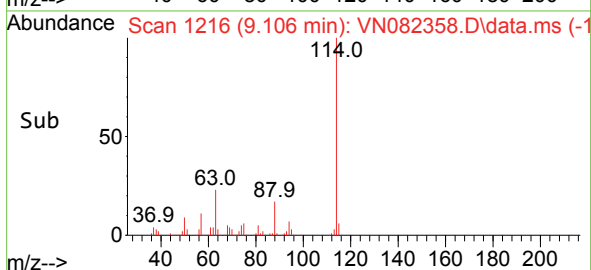
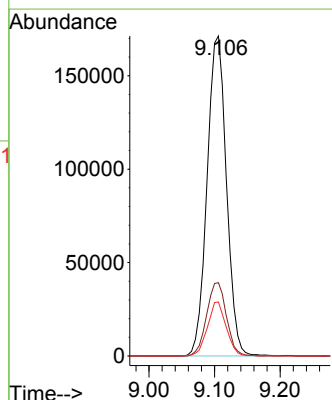
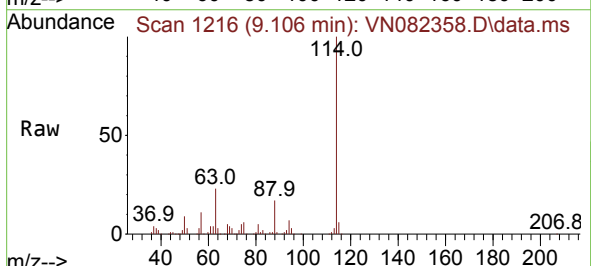
Tgt Ion: 114 Resp: 352131

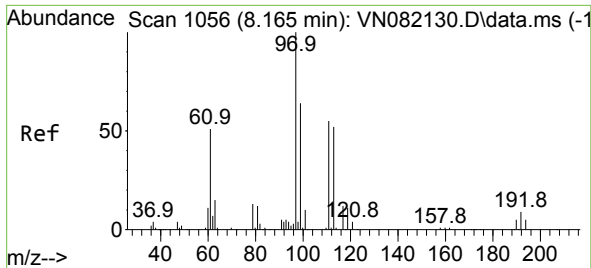
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 16.9 0.0 31.4

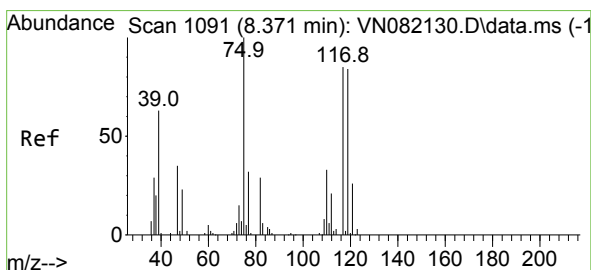
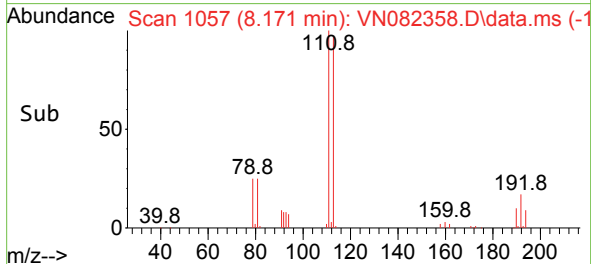
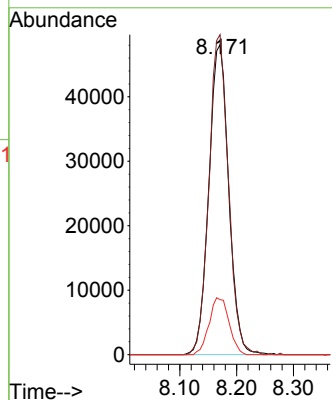
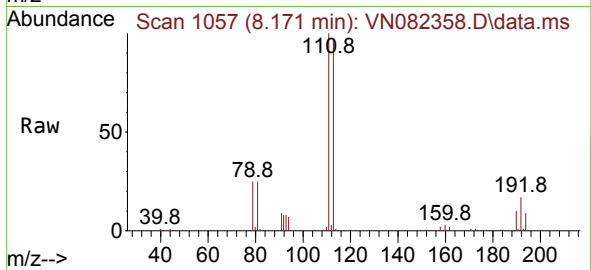




#35
 Dibromofluoromethane
 Concen: 53.882 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN082358.D
 Acq: 28 May 2024 19:45

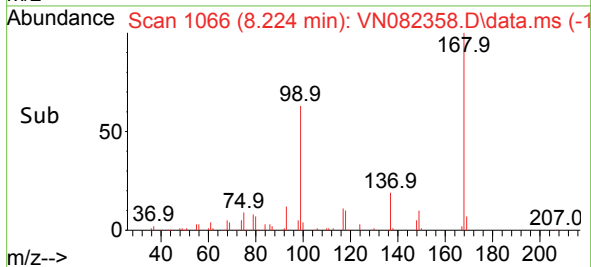
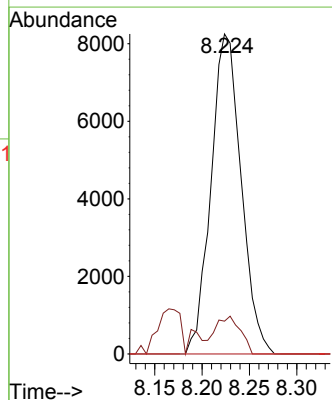
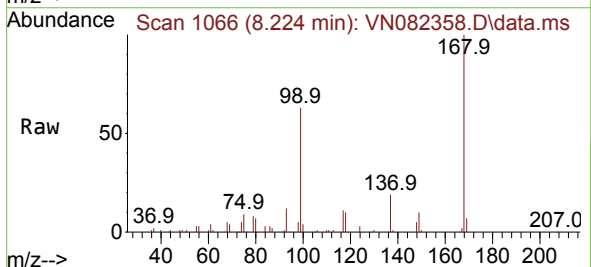
Instrument :
 MSVOA_N
 ClientSampleId :

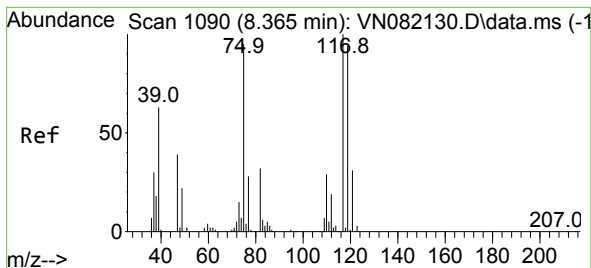
Tgt Ion:113 Resp: 116717
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.4 125.2
 192 18.4 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 5.021 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN082358.D
 Acq: 28 May 2024 19:45

Tgt Ion: 75 Resp: 18241
 Ion Ratio Lower Upper
 75 100
 110 10.3 17.8 53.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.072 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

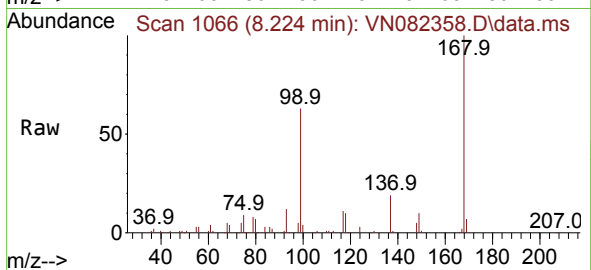
Lab File: VN082358.D

Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :



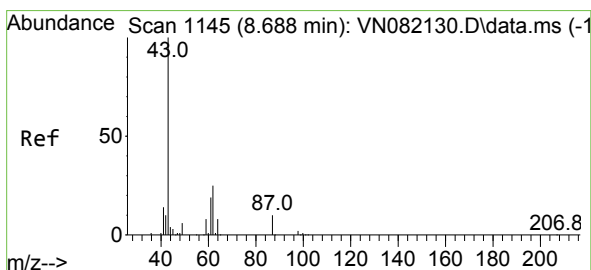
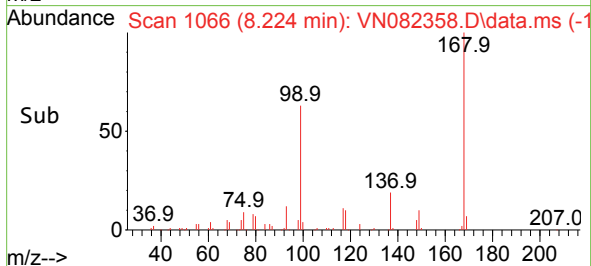
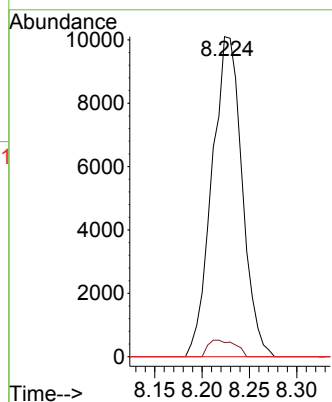
Tgt Ion:117 Resp: 22360

Ion Ratio Lower Upper

117 100

119 4.4 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 0.812 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

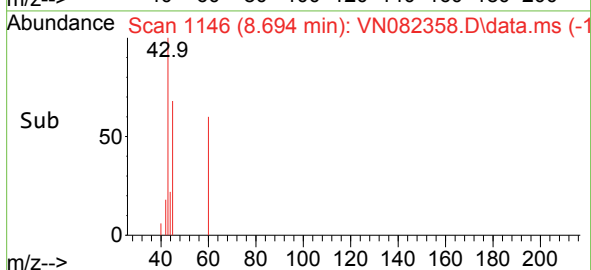
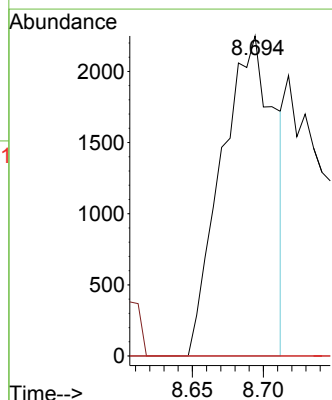
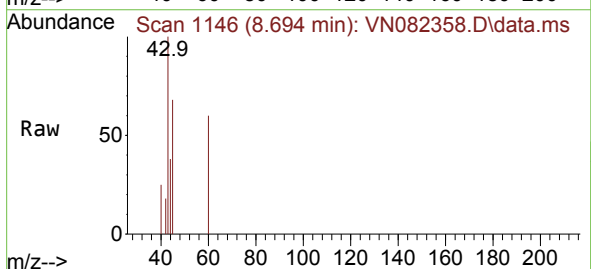
Tgt Ion: 43 Resp: 5851

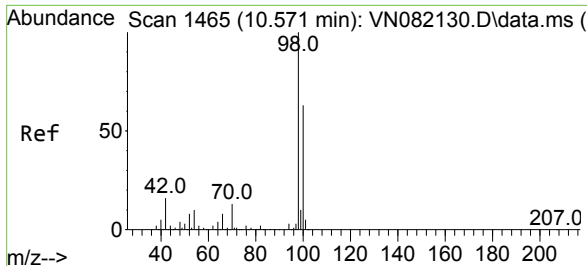
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

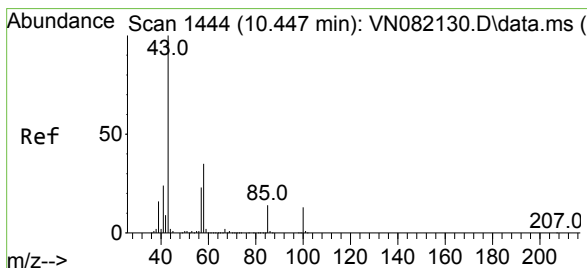
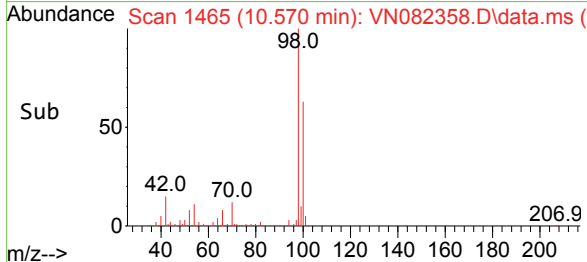
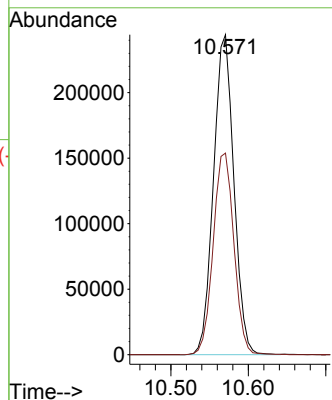
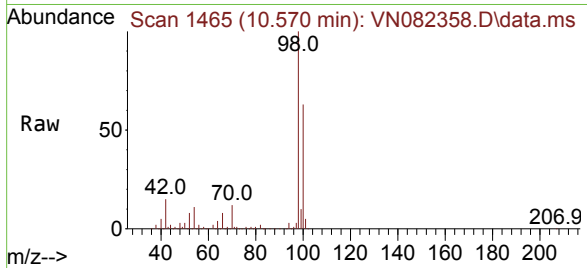




#50
Toluene-d8
Concen: 53.685 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

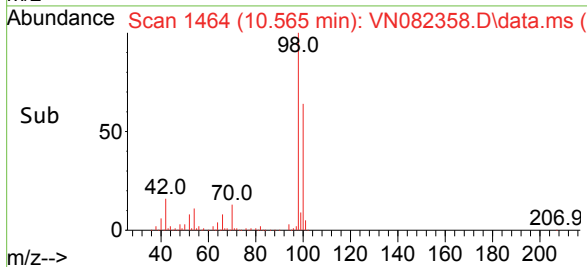
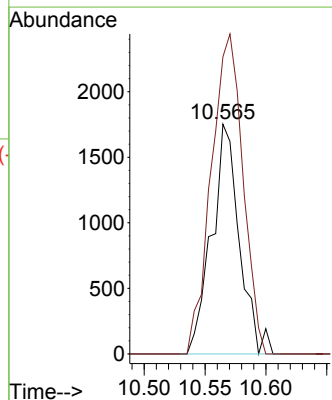
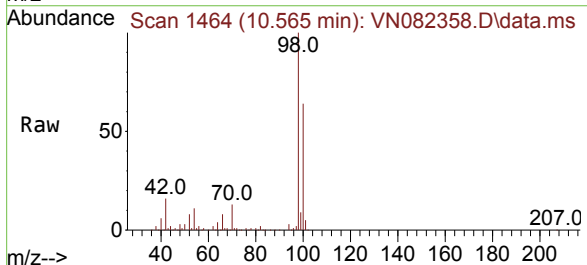
Instrument :
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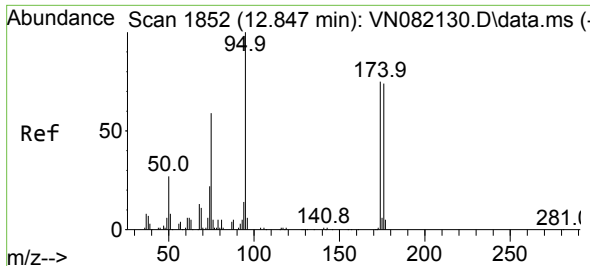
Tgt Ion: 98 Resp: 445845
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.677 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion: 43 Resp: 2773
Ion Ratio Lower Upper
43 100
58 159.4 33.2 49.8#

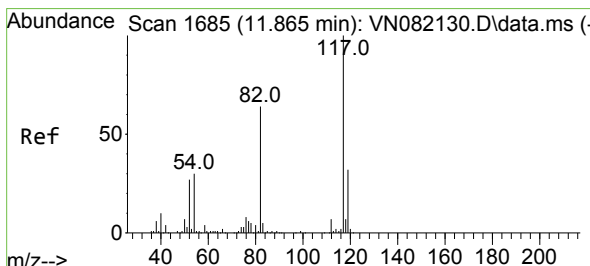
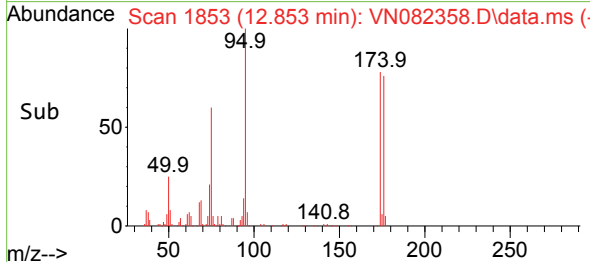
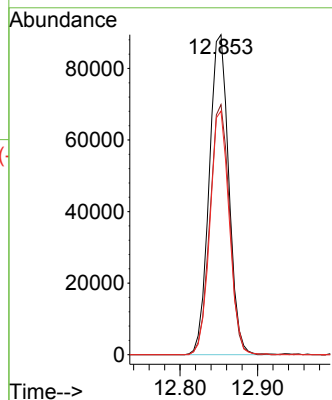
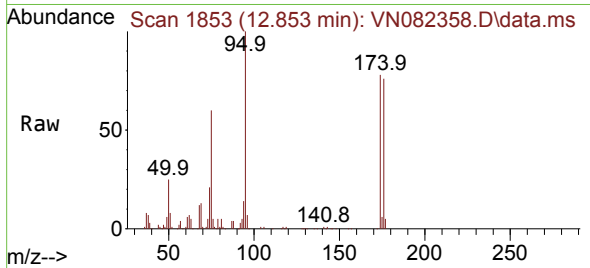




#62
4-Bromofluorobenzene
Concen: 53.002 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

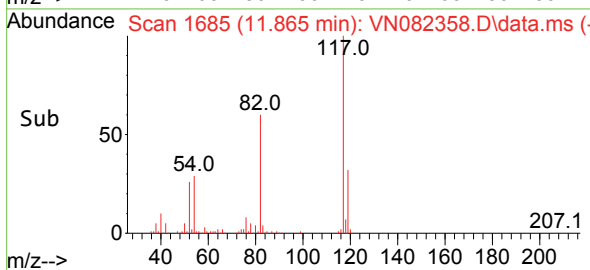
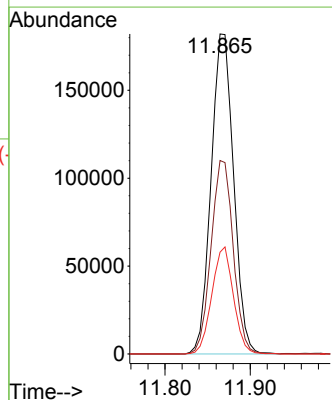
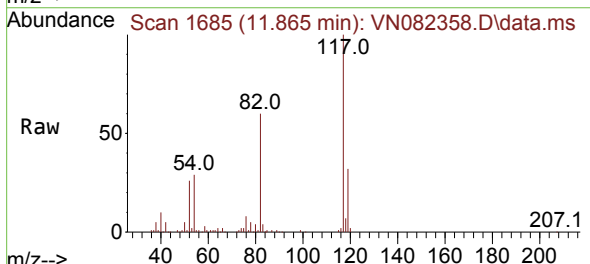
Instrument :
MSVOA_N
ClientSampleId :

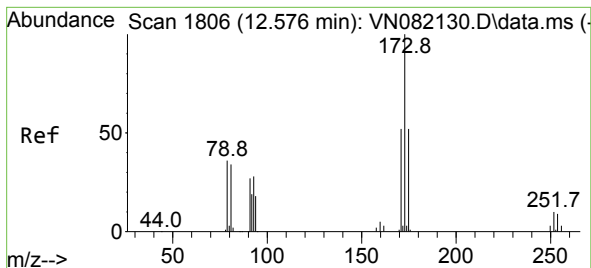
Tgt Ion: 95 Resp: 157108
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.6
176 74.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082358.D
Acq: 28 May 2024 19:45

Tgt Ion: 117 Resp: 333774
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 31.8 25.9 38.9





#71

Bromoform

Concen: 0.994 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

Lab File: VN082358.D

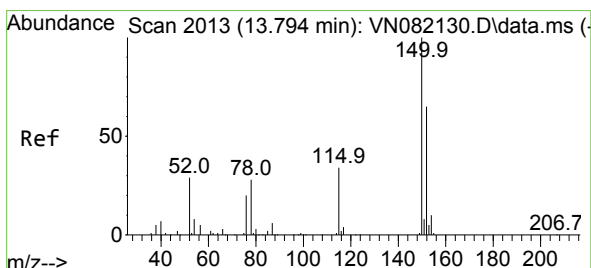
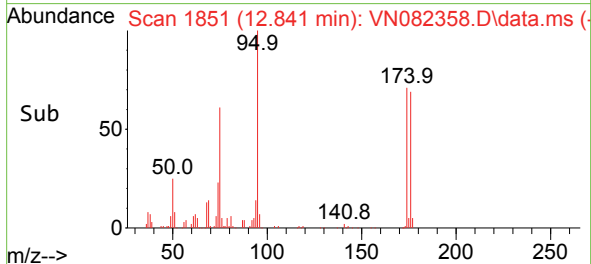
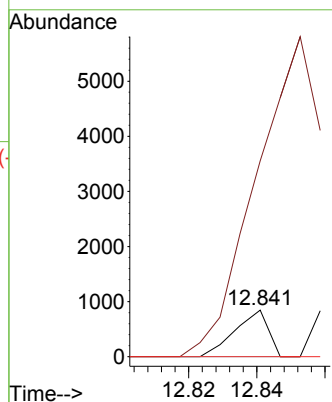
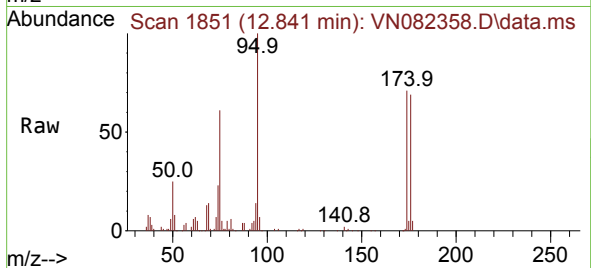
Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	574
Ion Ratio	Lower	Upper
173	100	
175	0.0	24.6
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

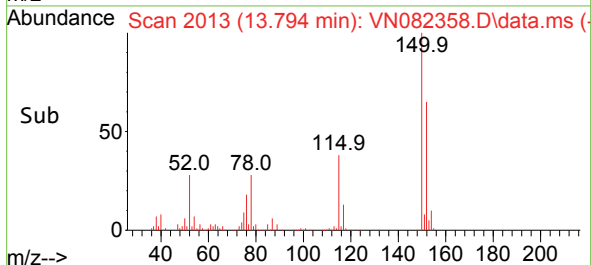
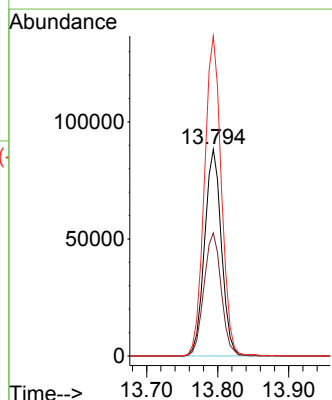
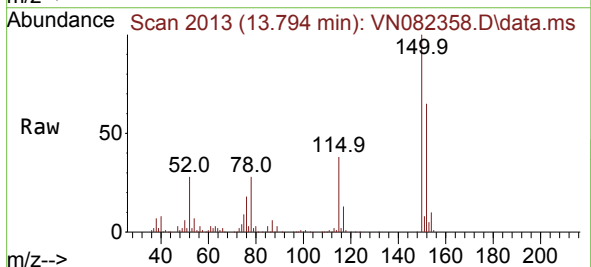
RT: 13.794 min Scan# 2013

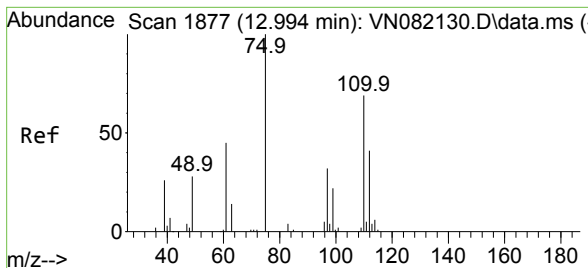
Delta R.T. -0.000 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

Tgt Ion:152	Resp:	145469
Ion Ratio	Lower	Upper
152	100	
115	61.2	30.4
150	156.1	0.0





#76

1,2,3-Trichloropropane

Concen: 30.680 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

Instrument :

MSVOA_N

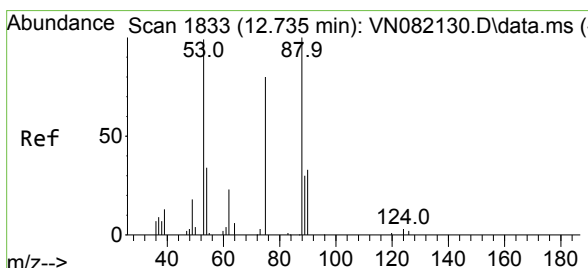
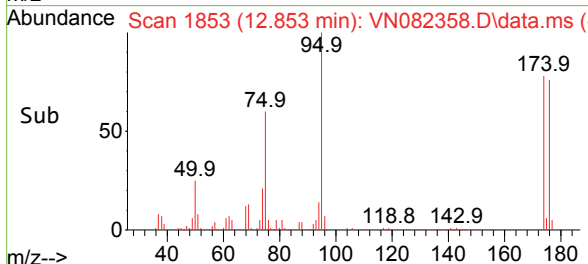
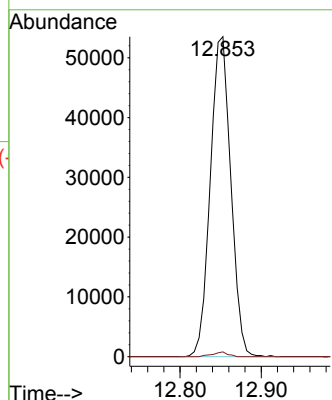
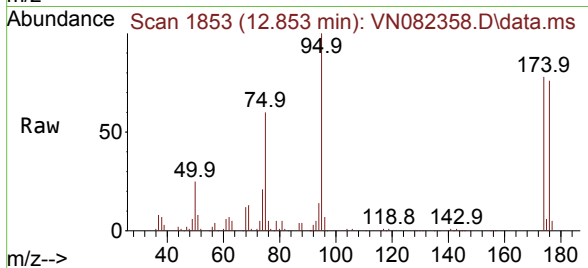
ClientSampleId :

Tgt Ion: 75 Resp: 93937

Ion Ratio Lower Upper

75 100

77 1.1 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.761 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082358.D

Acq: 28 May 2024 19:45

Tgt Ion: 75 Resp: 93937

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

