

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082392.D
 Acq On : 30 May 2024 14:07
 Operator : JC\MD
 Sample : P2612-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 31 03:27:34 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)

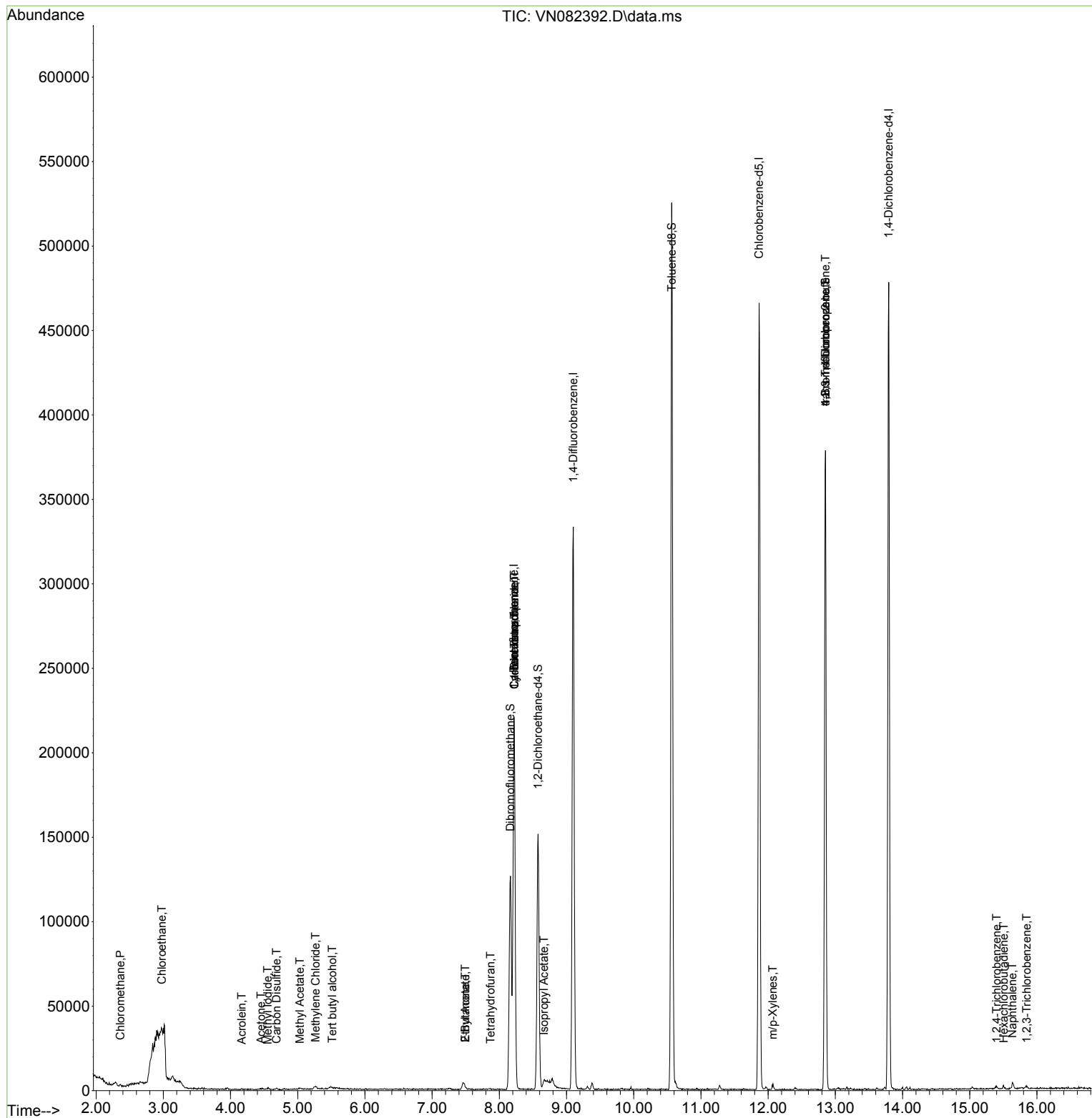
Internal Standards						
1) Pentafluorobenzene	8.218	168	152727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123794	51.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.660%	
35) Dibromofluoromethane	8.165	113	87640	52.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.860%	
50) Toluene-d8	10.565	98	337163	53.109	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.853	95	119697	52.825	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	541	0.217	ug/l #	43
6) Chloroethane	2.977	64	1336	0.872	ug/l #	44
10) Methyl Iodide	4.553	142	610	0.338	ug/l #	83
11) Tert butyl alcohol	5.512	59	161	0.416	ug/l #	71
13) Acrolein	4.165	56	58	0.202	ug/l #	67
16) Acetone	4.453	43	516	0.522	ug/l #	43
17) Carbon Disulfide	4.683	76	1322	0.245	ug/l #	74
18) Methyl Acetate	5.030	43	1332	0.541	ug/l #	55
20) Methylene Chloride	5.265	84	1118	0.560	ug/l #	74
25) 2-Butanone	7.494	43	754	0.503	ug/l #	43
29) Tetrahydrofuran	7.871	42	495	0.514	ug/l #	29
31) Cyclohexane	8.224	56	4675	1.214	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	13998	5.040	ug/l #	49
37) Ethyl Acetate	7.494	43	754	0.243	ug/l #	47
38) Carbon Tetrachloride	8.224	117	16602	5.897	ug/l #	15
43) Isopropyl Acetate	8.665	43	6668	1.211	ug/l #	52
68) m/p-Xylenes	12.071	106	1041	0.291	ug/l	79
76) 1,2,3-Trichloropropane	12.853	75	70441	27.810	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70441	65.046	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	675	0.308	ug/l #	88
94) Hexachlorobutadiene	15.506	225	450	0.468	ug/l #	52
95) Naphthalene	15.635	128	4006	0.584	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.847	180	887	0.405	ug/l #	80

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
Data File : VN082392.D
Acq On : 30 May 2024 14:07
Operator : JC\MD
Sample : P2612-01ME
Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

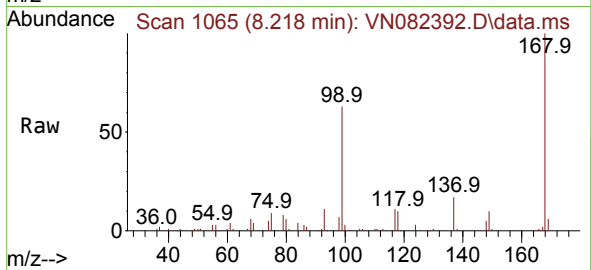
Quant Time: May 31 03:27:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



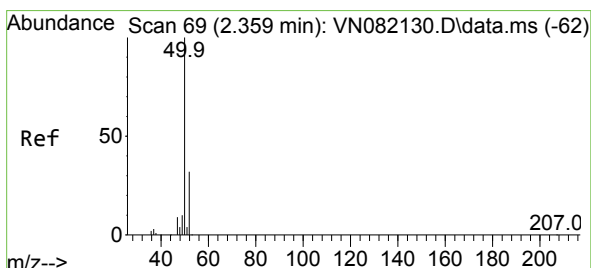
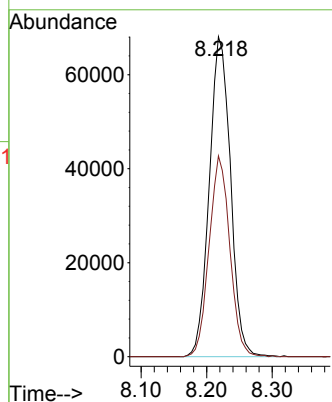
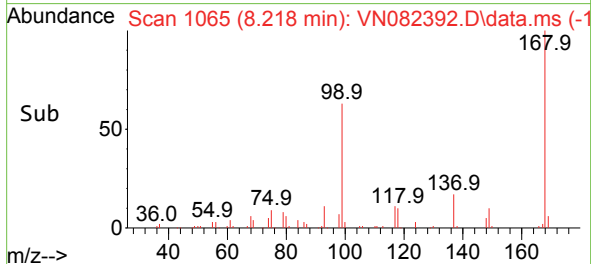


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

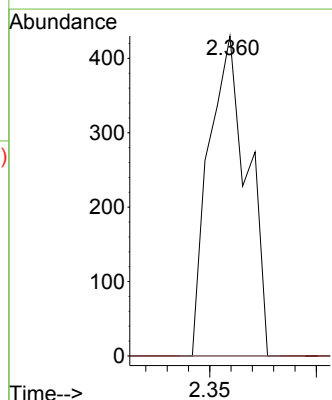
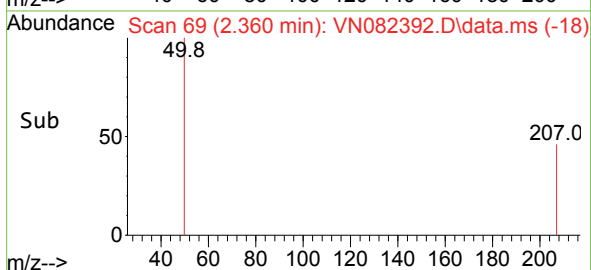
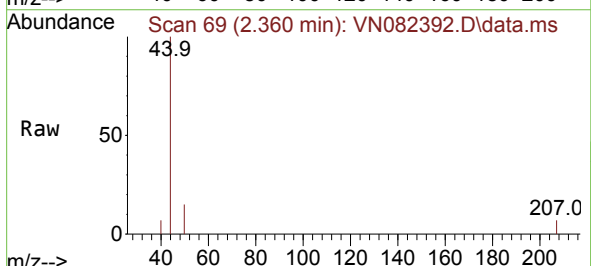


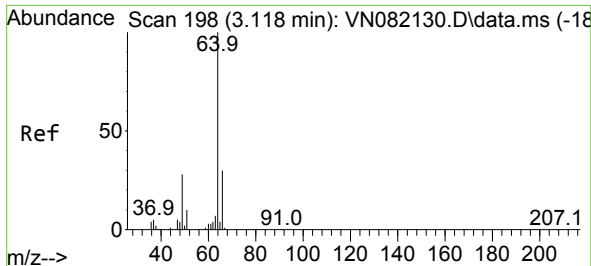
Tgt Ion:168 Resp: 152727
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Tgt Ion: 50 Resp: 541
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

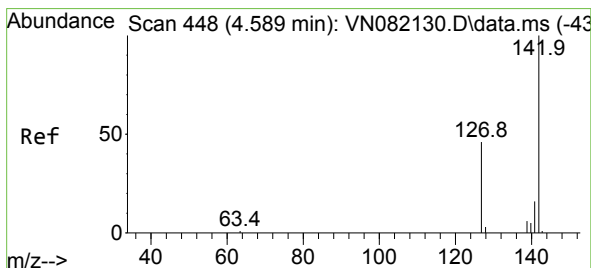
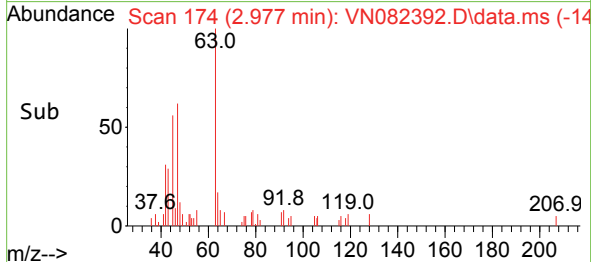
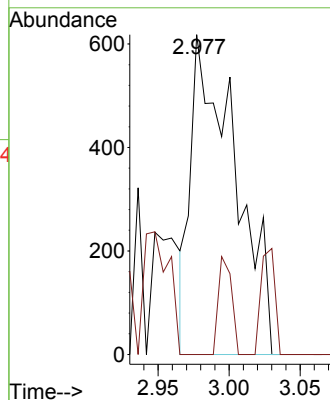
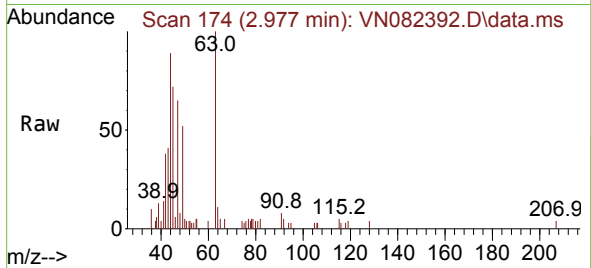




#6
Chloroethane
Concen: 0.872 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

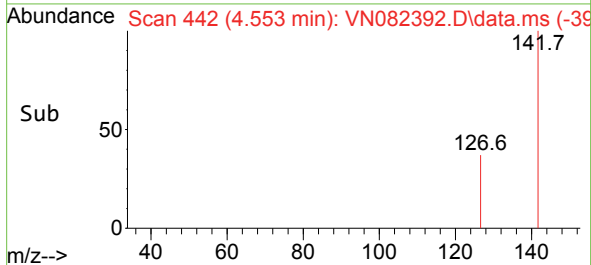
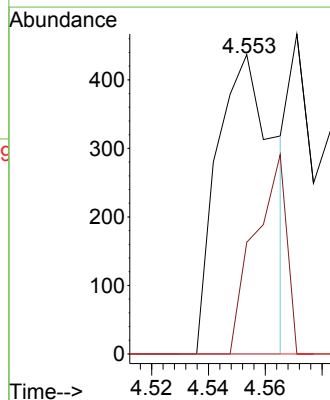
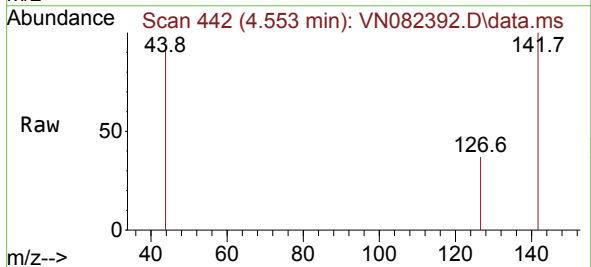
Instrument :
MSVOA_N
ClientSampleId :

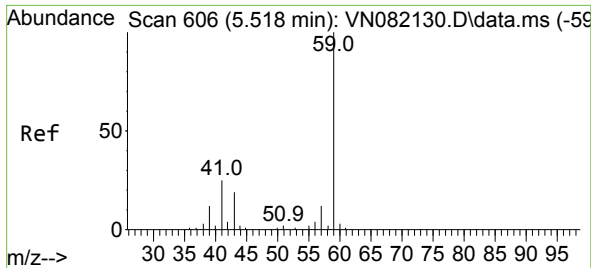
Tgt Ion: 64 Resp: 1336
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 0.338 ug/l
RT: 4.553 min Scan# 442
Delta R.T. -0.035 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

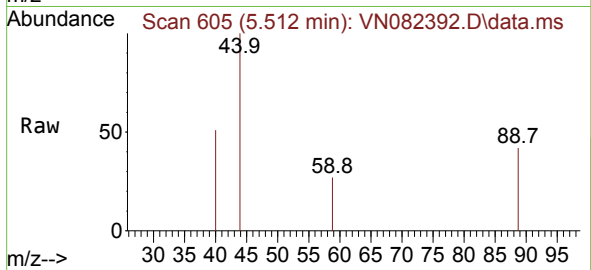
Tgt Ion: 142 Resp: 610
Ion Ratio Lower Upper
142 100
127 37.3 35.8 53.6
141 0.0 11.4 17.2#



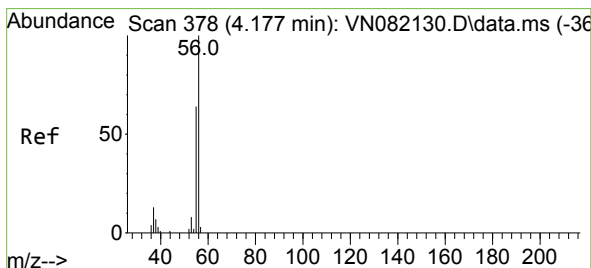
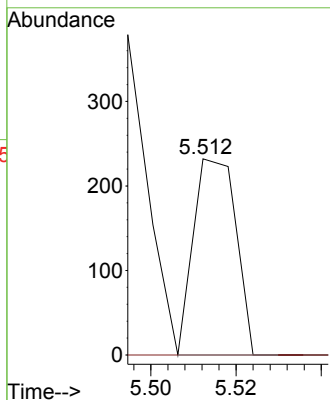
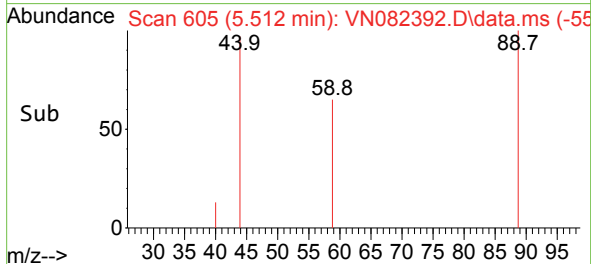


#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

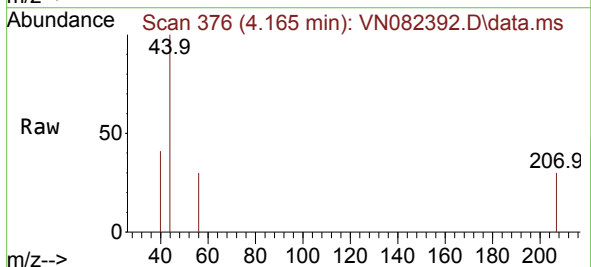
Instrument :
MSVOA_N
ClientSampleId :



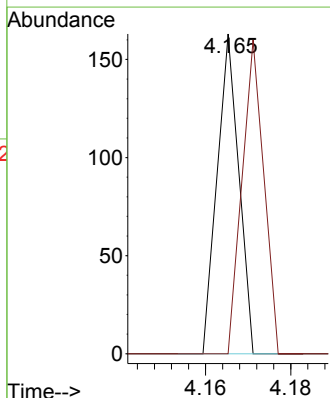
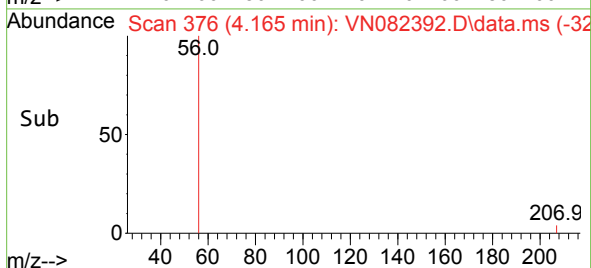
Tgt Ion: 59 Resp: 161
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

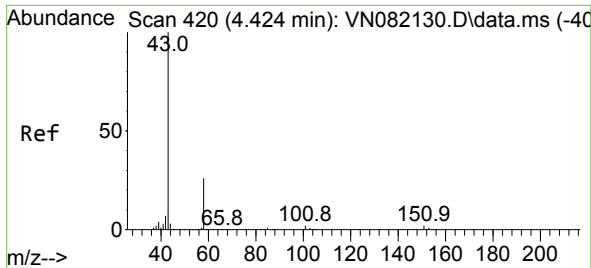


#13
Acrolein
Concen: 0.202 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07



Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 96.6 55.8 83.8#

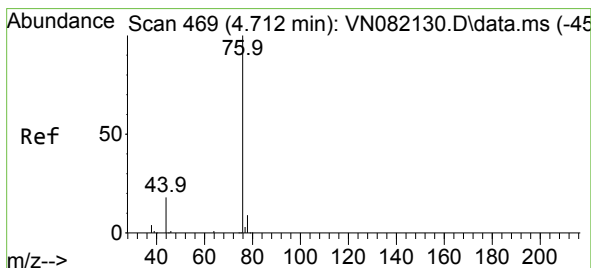
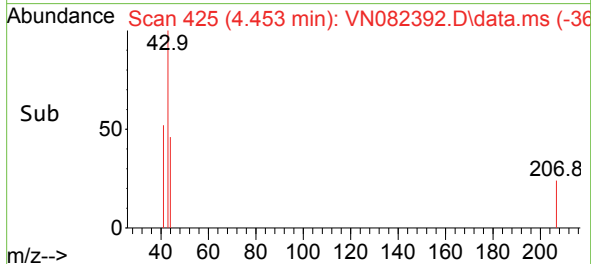
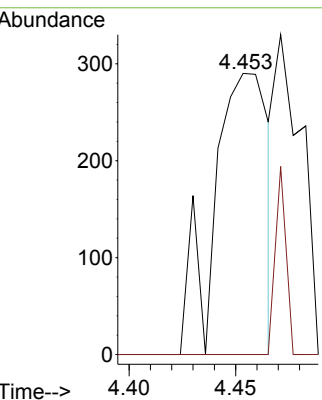
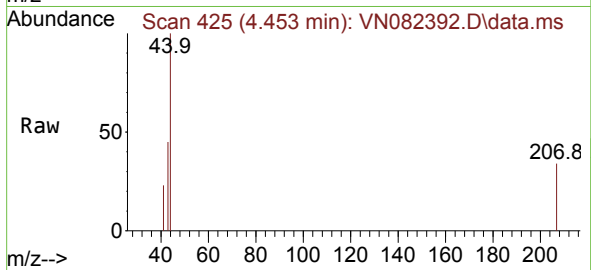




#16
Acetone
Concen: 0.522 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.030 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

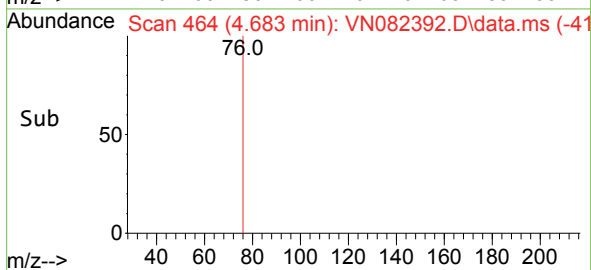
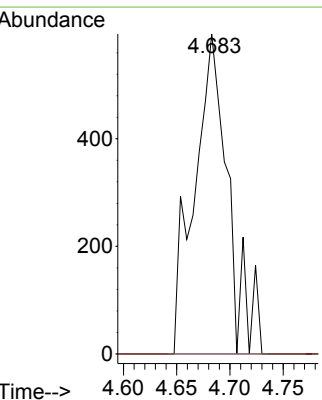
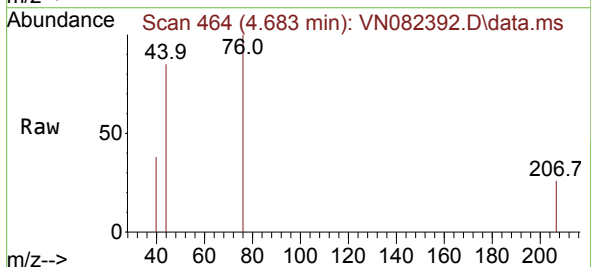
Instrument :
MSVOA_N
ClientSampleId :

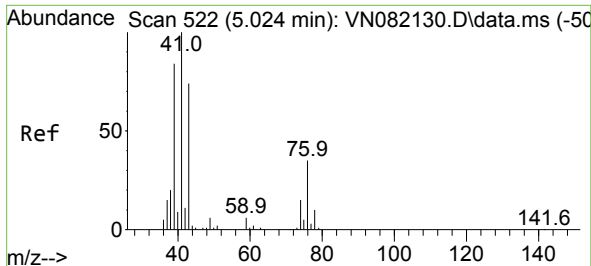
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.683 min Scan# 464
Delta R.T. -0.029 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

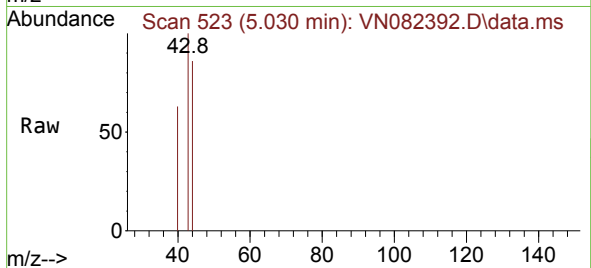
Tgt Ion: 76 Resp: 1322
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



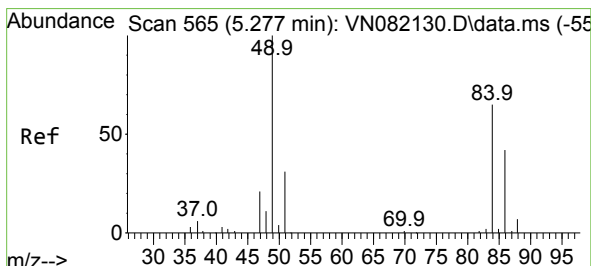
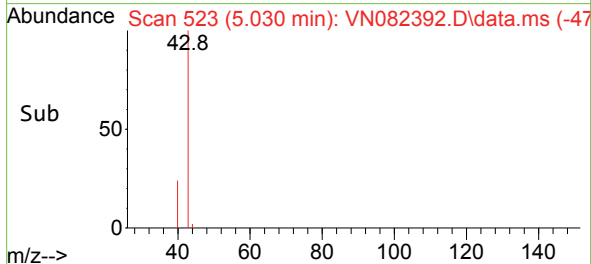
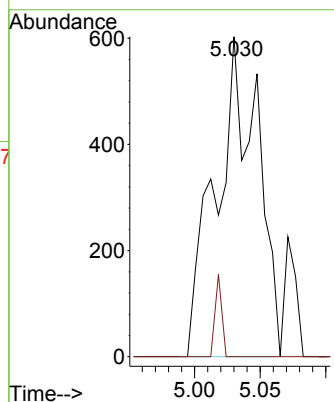


#18
Methyl Acetate
Concen: 0.541 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

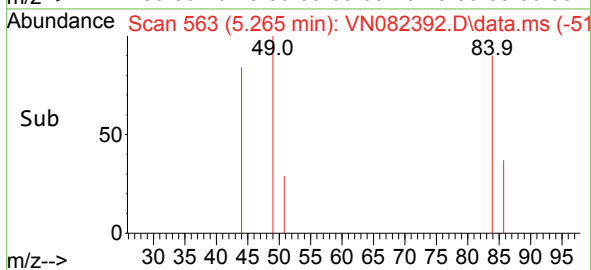
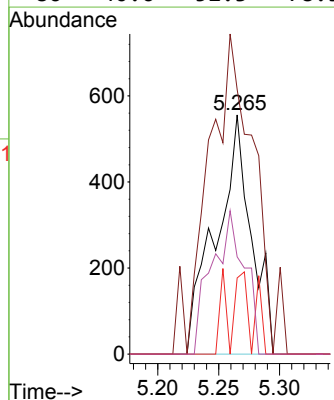
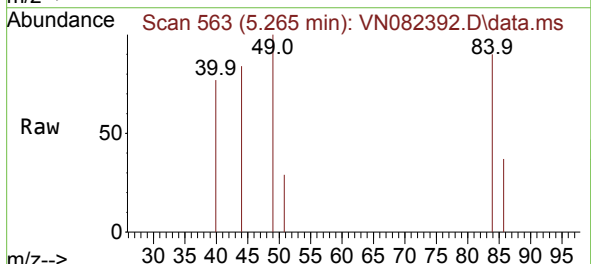


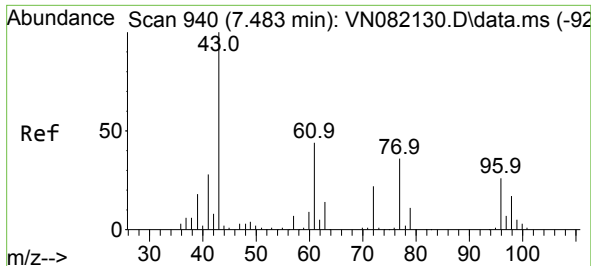
Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
74 4.1 22.2 33.2#



#20
Methylene Chloride
Concen: 0.560 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

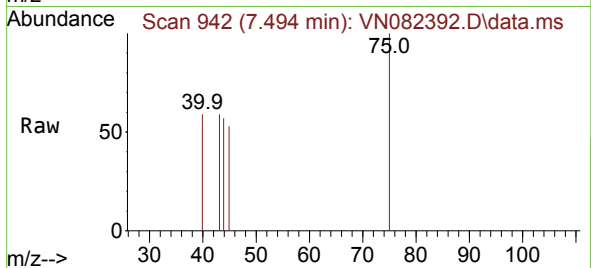
Tgt Ion: 84 Resp: 1118
Ion Ratio Lower Upper
84 100
49 74.3 84.9 127.3#
51 31.8 27.0 40.6
86 40.6 52.3 78.5#



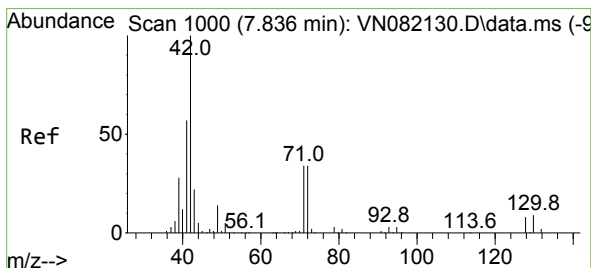
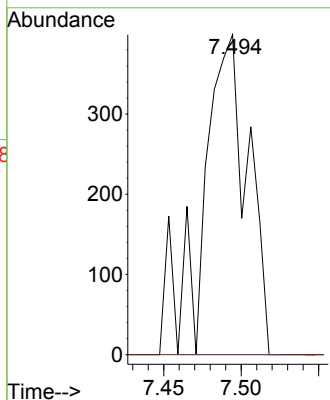
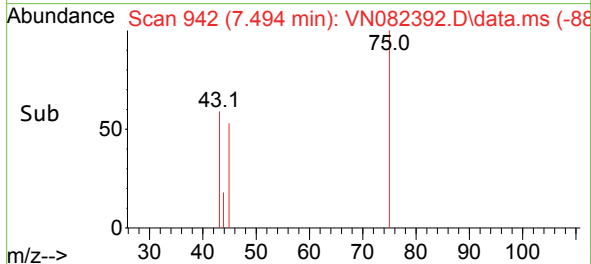


#25
2-Butanone
Concen: 0.503 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

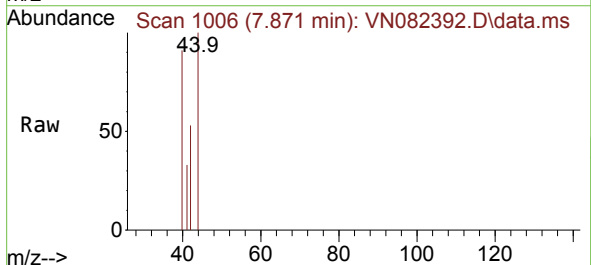
Instrument :
MSVOA_N
ClientSampleId :



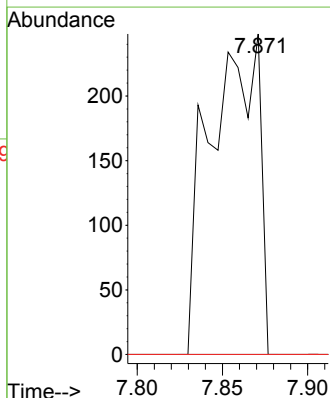
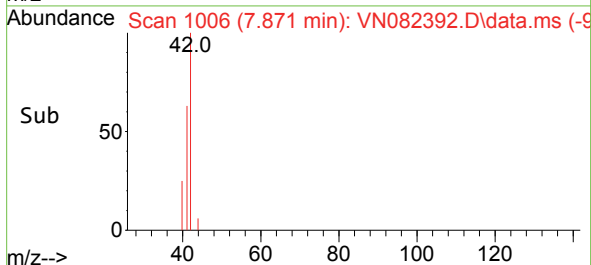
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

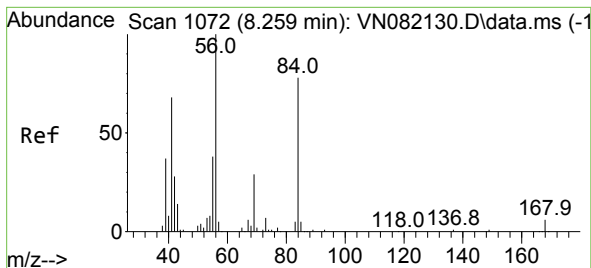


#29
Tetrahydrofuran
Concen: 0.514 ug/l
RT: 7.871 min Scan# 1006
Delta R.T. 0.035 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07



Tgt Ion: 42 Resp: 495
Ion Ratio Lower Upper
42 100
72 0.0 39.3 58.9#
71 0.0 37.4 56.0#





#31

Cyclohexane

Concen: 1.214 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

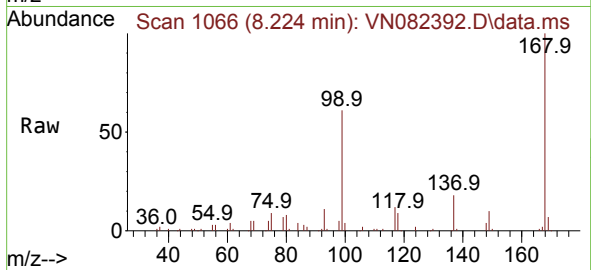
Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



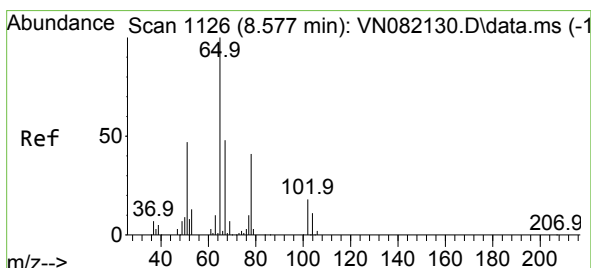
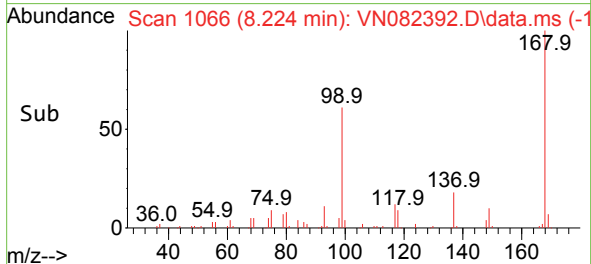
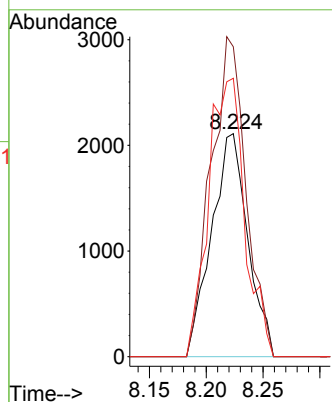
Tgt Ion: 56 Resp: 4675

Ion Ratio Lower Upper

56 100

69 138.9 24.4 36.6#

84 124.9 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 51.333 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082392.D

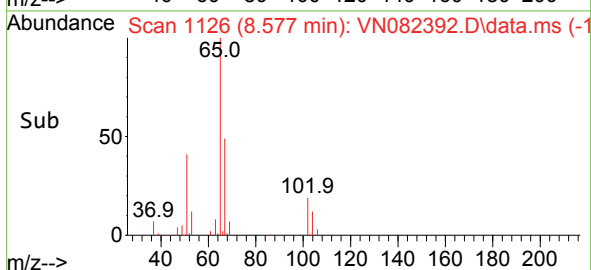
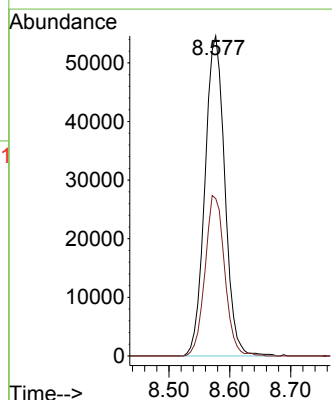
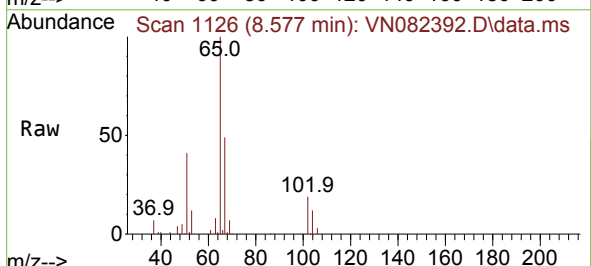
Acq: 30 May 2024 14:07

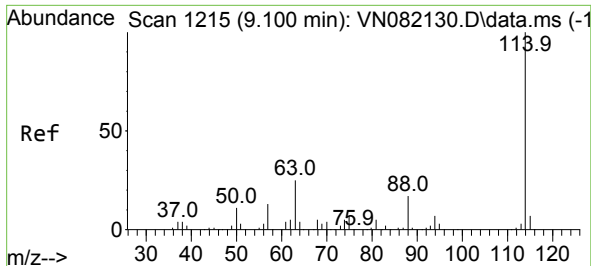
Tgt Ion: 65 Resp: 123794

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :

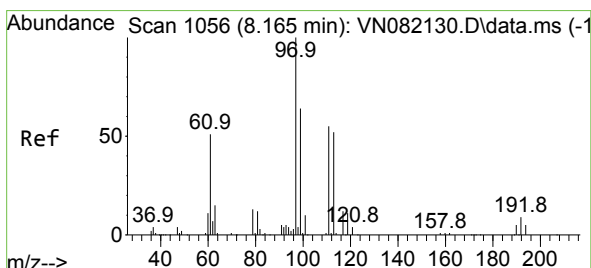
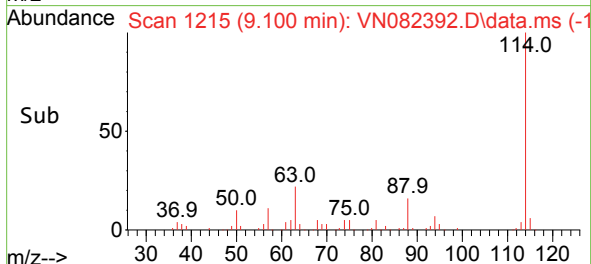
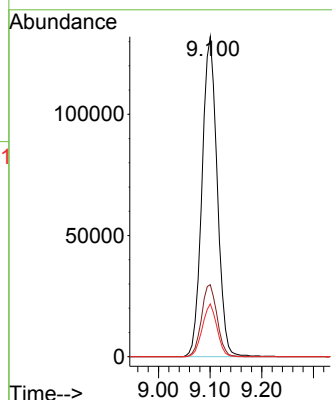
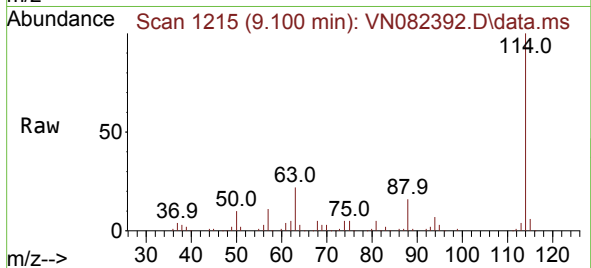
Tgt Ion:114 Resp: 269181

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.927 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082392.D

Acq: 30 May 2024 14:07

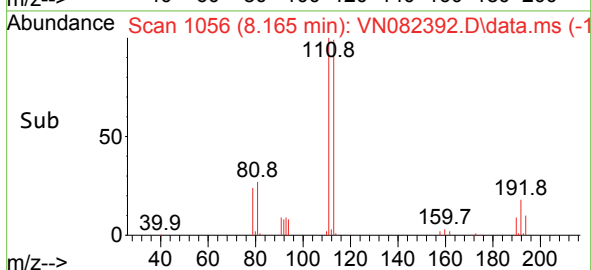
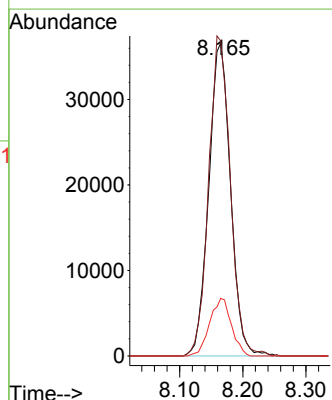
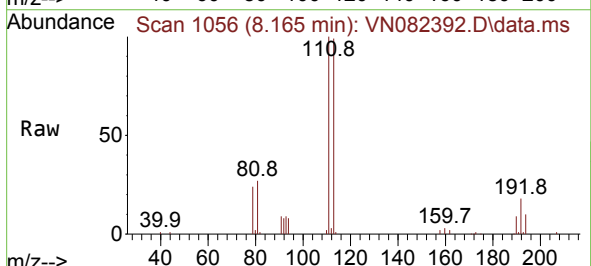
Tgt Ion:113 Resp: 87640

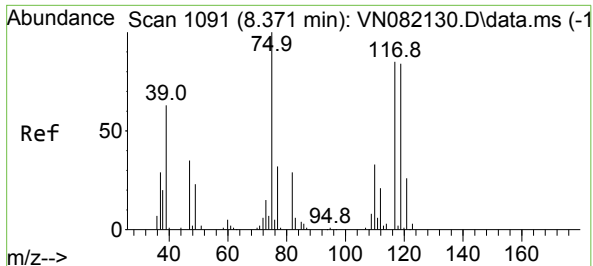
Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.2

192 18.3 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.040 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.147 min

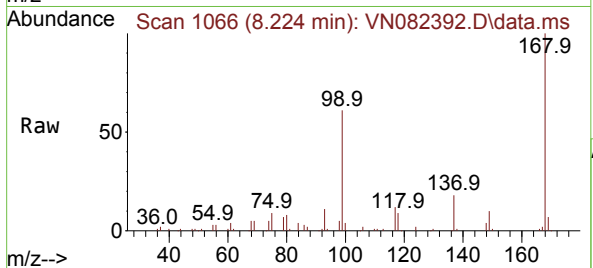
Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



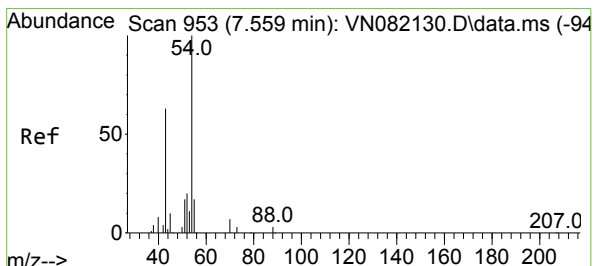
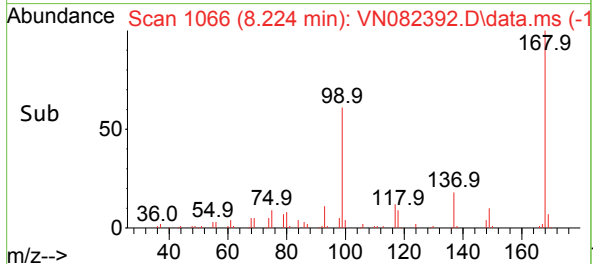
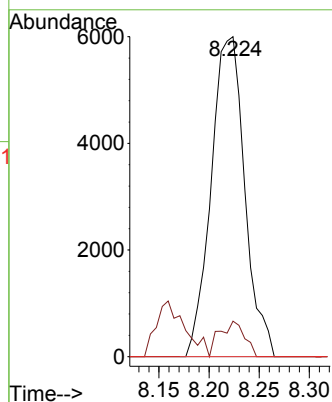
Tgt Ion: 75 Resp: 13998

Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.243 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.065 min

Lab File: VN082392.D

Acq: 30 May 2024 14:07

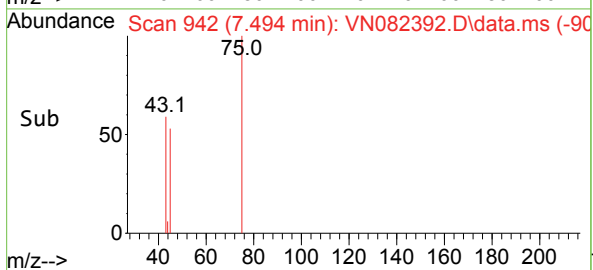
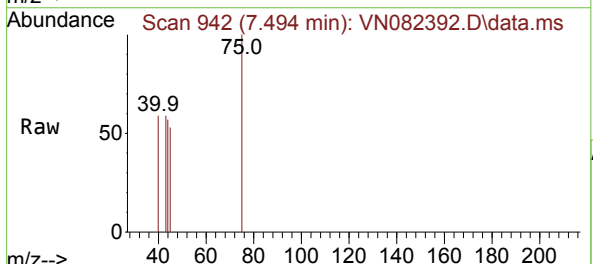
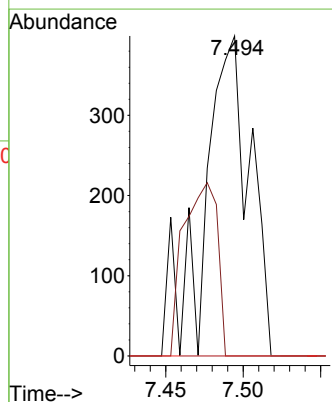
Tgt Ion: 43 Resp: 754

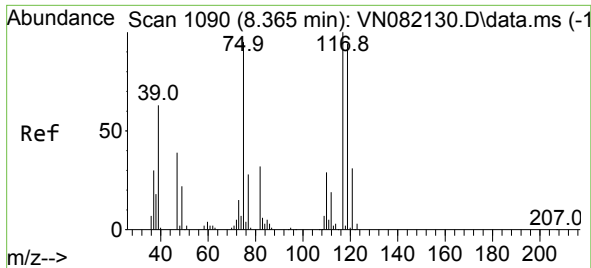
Ion Ratio Lower Upper

43 100

61 43.6 11.3 16.9#

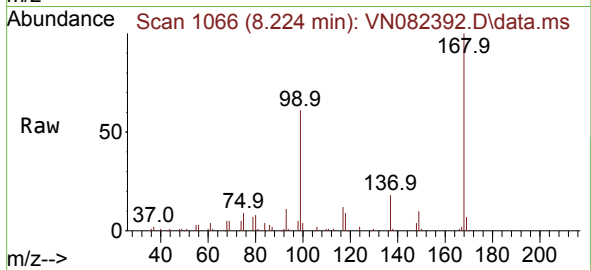
70 0.0 8.7 13.1#



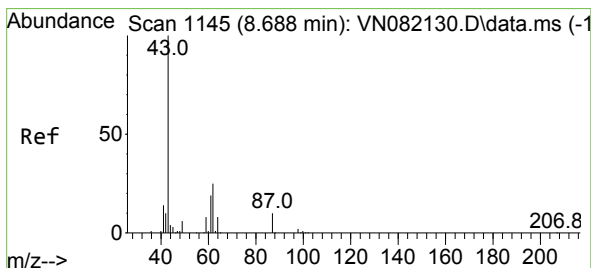
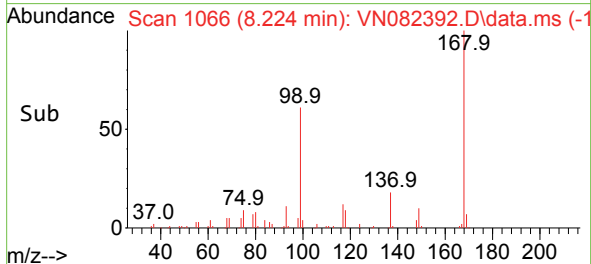
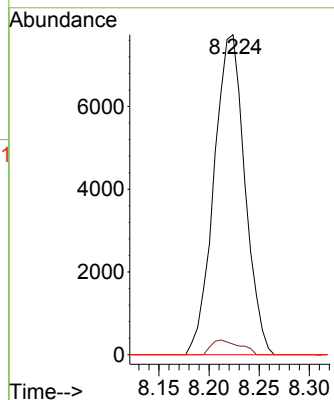


#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.141 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

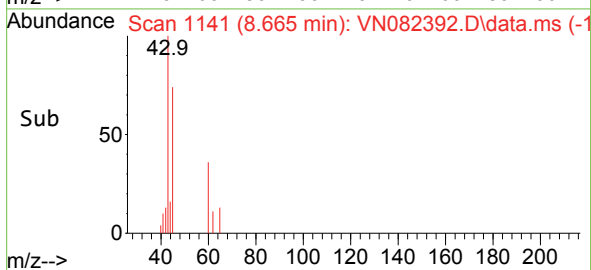
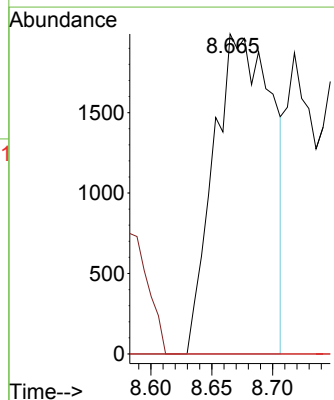
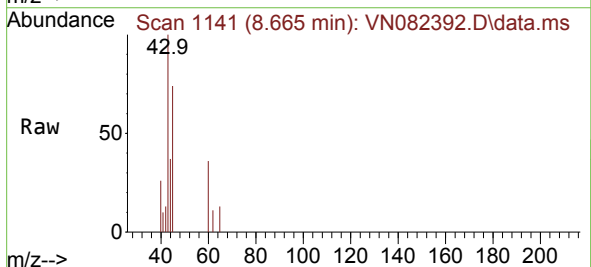


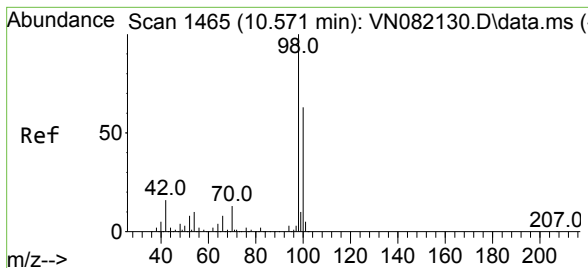
Tgt Ion:117 Resp: 16602
Ion Ratio Lower Upper
117 100
119 3.3 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.211 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Tgt Ion: 43 Resp: 6668
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 53.109 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

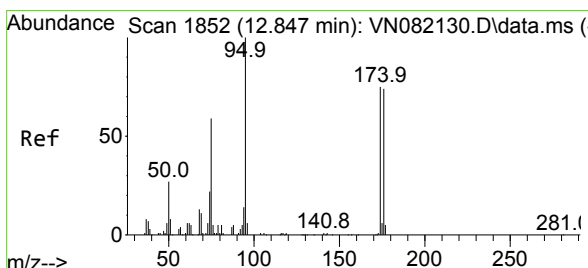
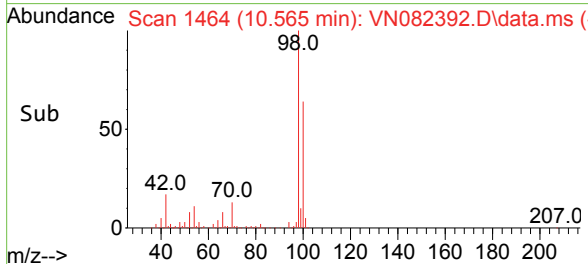
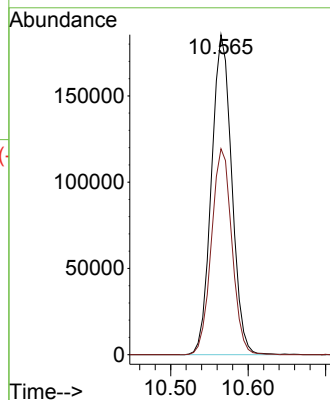
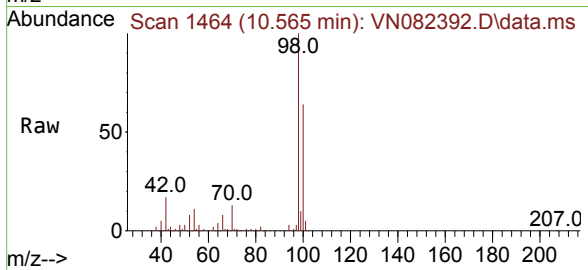
ClientSampleId :

Tgt Ion: 98 Resp: 337163

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 52.825 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082392.D

Acq: 30 May 2024 14:07

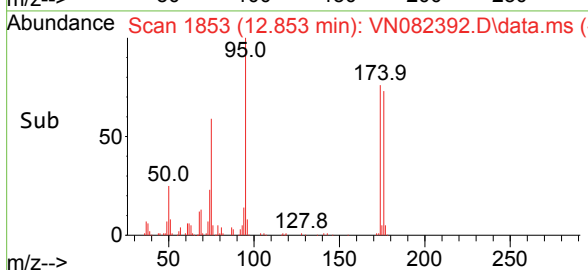
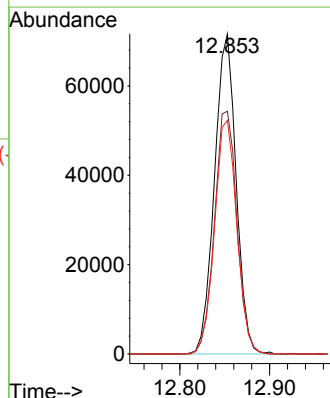
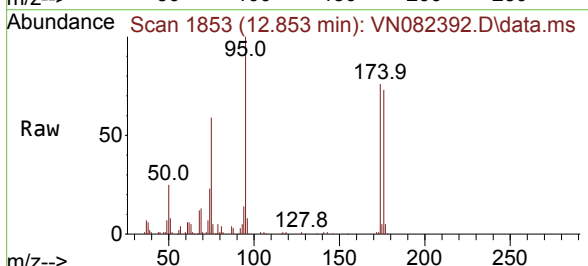
Tgt Ion: 95 Resp: 119697

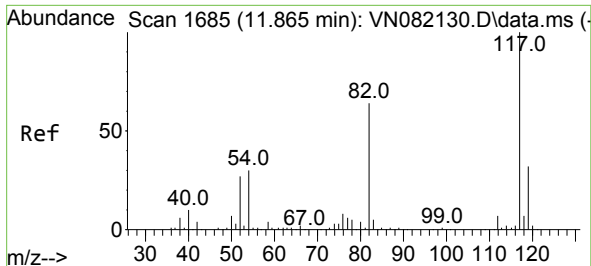
Ion Ratio Lower Upper

95 100

174 78.9 0.0 160.6

176 75.2 0.0 152.8

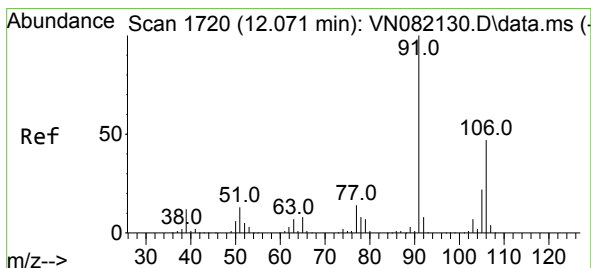
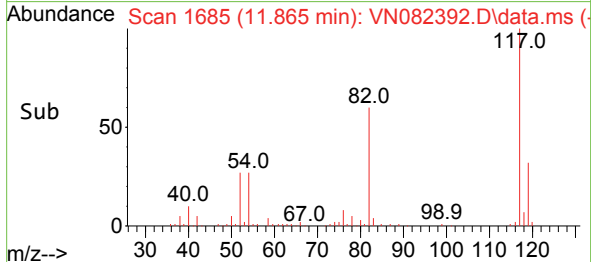
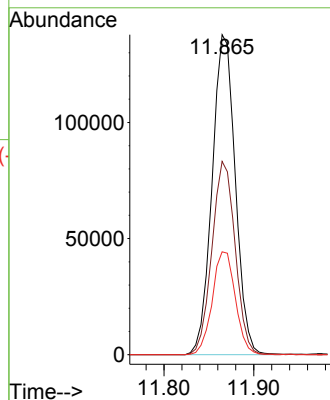
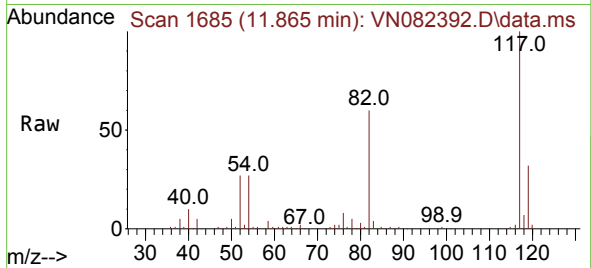




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

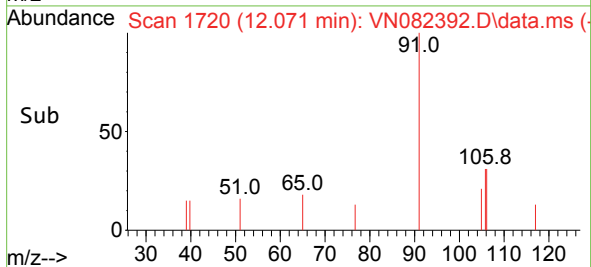
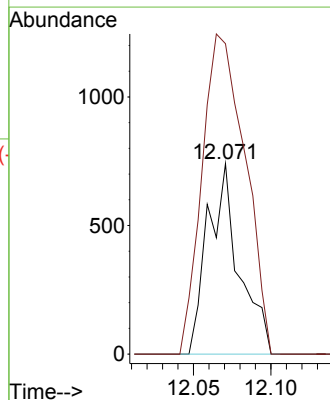
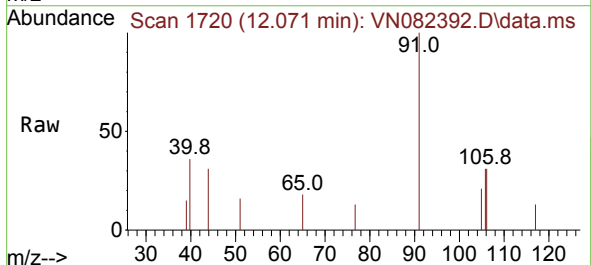
Instrument :
MSVOA_N
ClientSampleId :

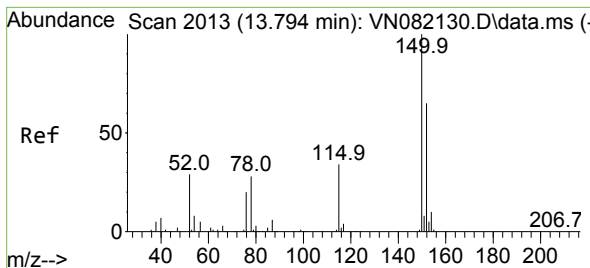
Tgt Ion:117 Resp: 247078
Ion Ratio Lower Upper
117 100
82 60.4 44.6 66.8
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 0.291 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Tgt Ion:106 Resp: 1041
Ion Ratio Lower Upper
106 100
91 230.7 159.4 239.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

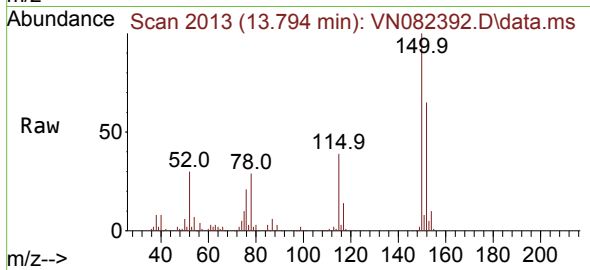
Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



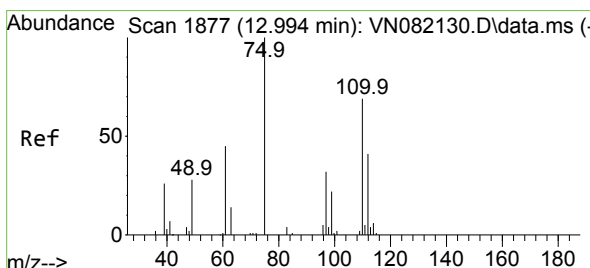
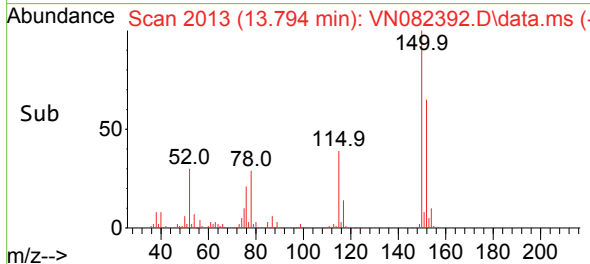
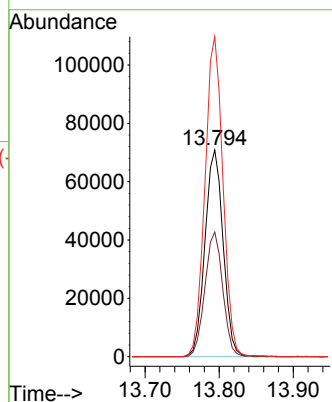
Tgt Ion:152 Resp: 120344

Ion Ratio Lower Upper

152 100

115 59.4 30.4 91.3

150 153.6 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 27.810 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082392.D

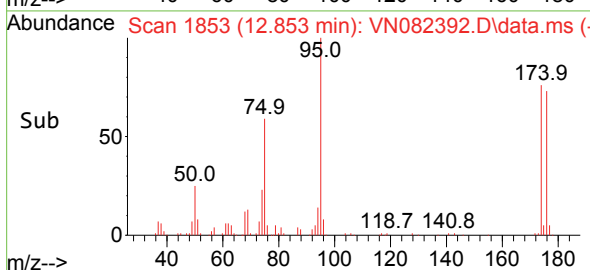
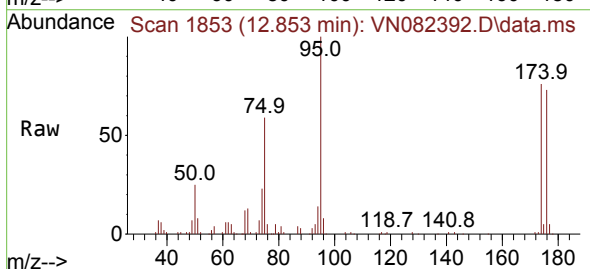
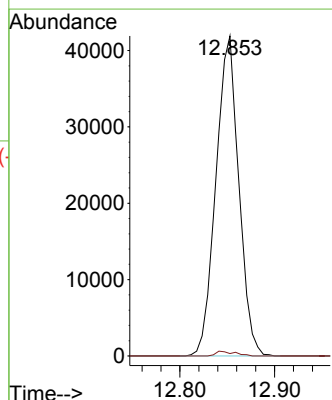
Acq: 30 May 2024 14:07

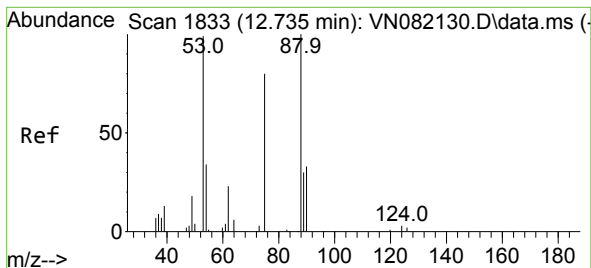
Tgt Ion: 75 Resp: 70441

Ion Ratio Lower Upper

75 100

77 1.2 90.5 271.3#

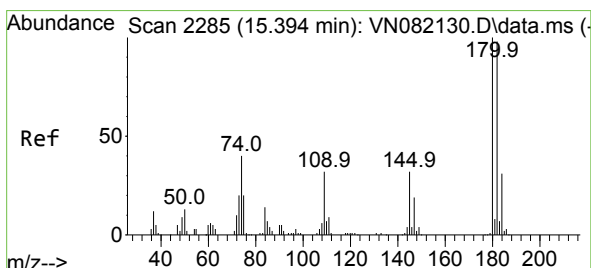
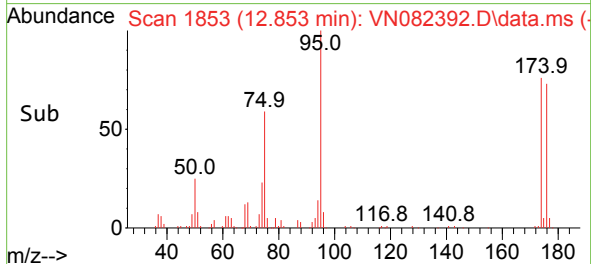
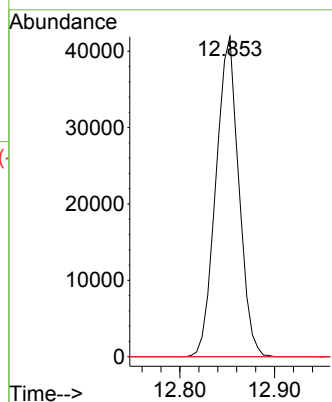
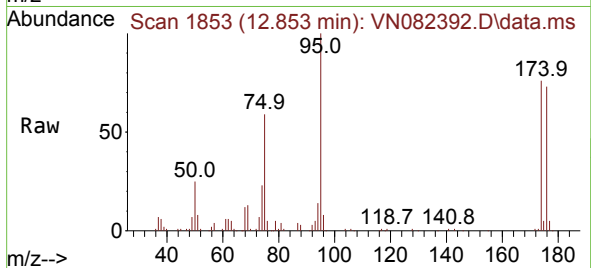




#81
trans-1,4-Dichloro-2-butene
Concen: 65.046 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

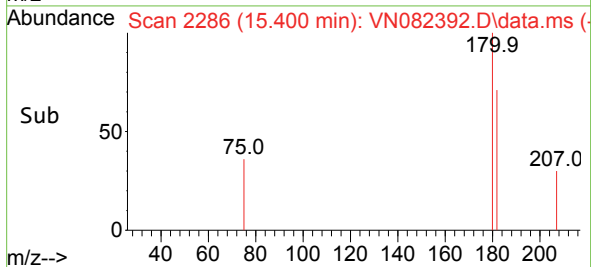
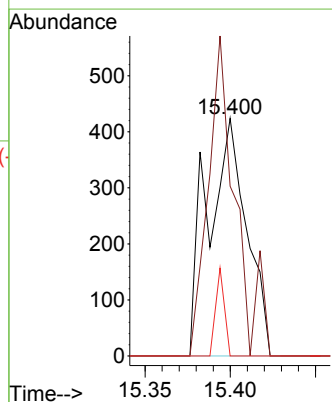
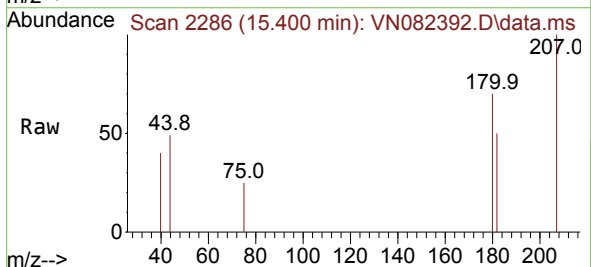
Instrument :
MSVOA_N
ClientSampleId :

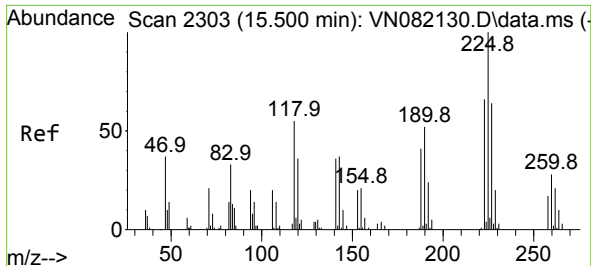
Tgt Ion: 75 Resp: 70441
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.308 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

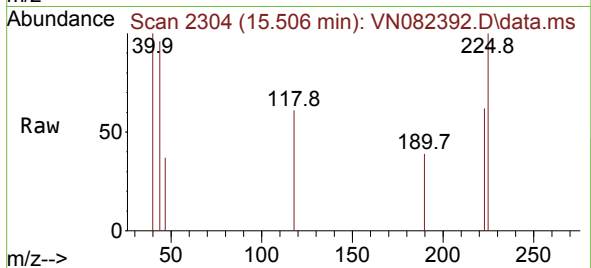
Tgt Ion:180 Resp: 675
Ion Ratio Lower Upper
180 100
182 94.7 46.7 140.0
145 8.1 16.2 48.6#



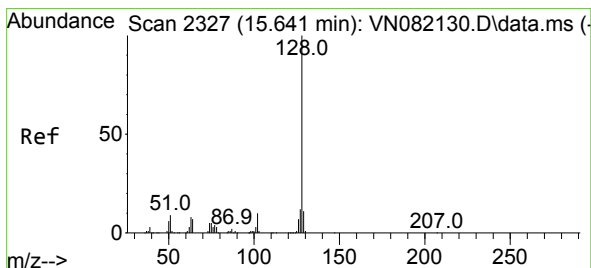
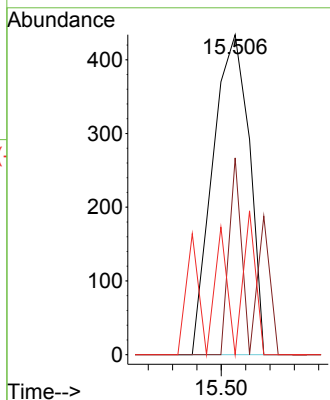
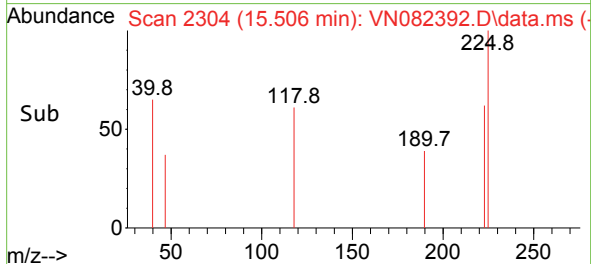


#94
Hexachlorobutadiene
Concen: 0.468 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :

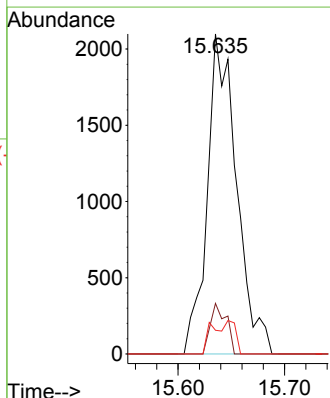
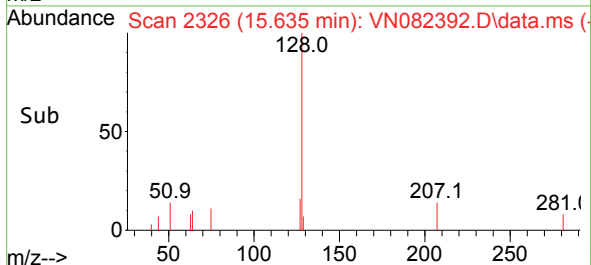
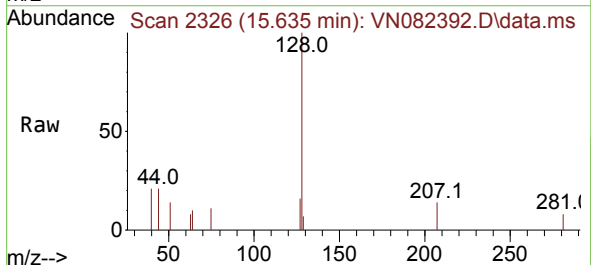


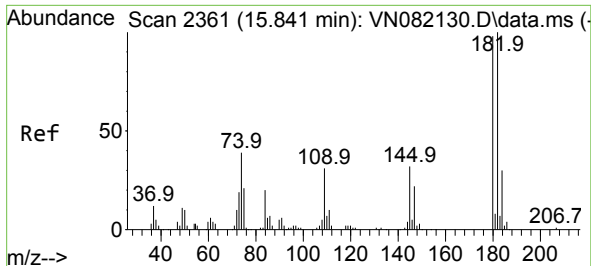
Tgt Ion:225 Resp: 450
Ion Ratio Lower Upper
225 100
223 35.8 31.1 93.2
227 13.6 30.6 91.6#



#95
Naphthalene
Concen: 0.584 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN082392.D
Acq: 30 May 2024 14:07

Tgt Ion:128 Resp: 4006
Ion Ratio Lower Upper
128 100
127 8.6 10.1 15.1#
129 8.2 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 0.405 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.006 min

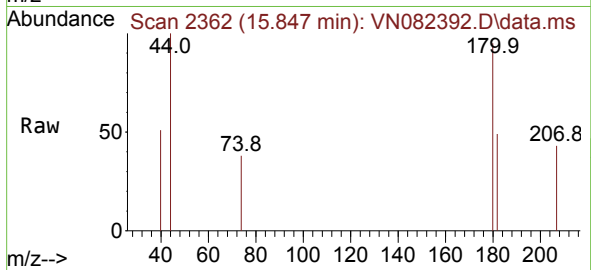
Lab File: VN082392.D

Acq: 30 May 2024 14:07

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 887

Ion Ratio Lower Upper

180 100

182 82.9 46.0 137.8

145 6.9 17.1 51.3#

