

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082890.D
 Acq On : 12 Jul 2024 11:17
 Operator : JC\MD
 Sample : VN0712MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 15 01:07:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

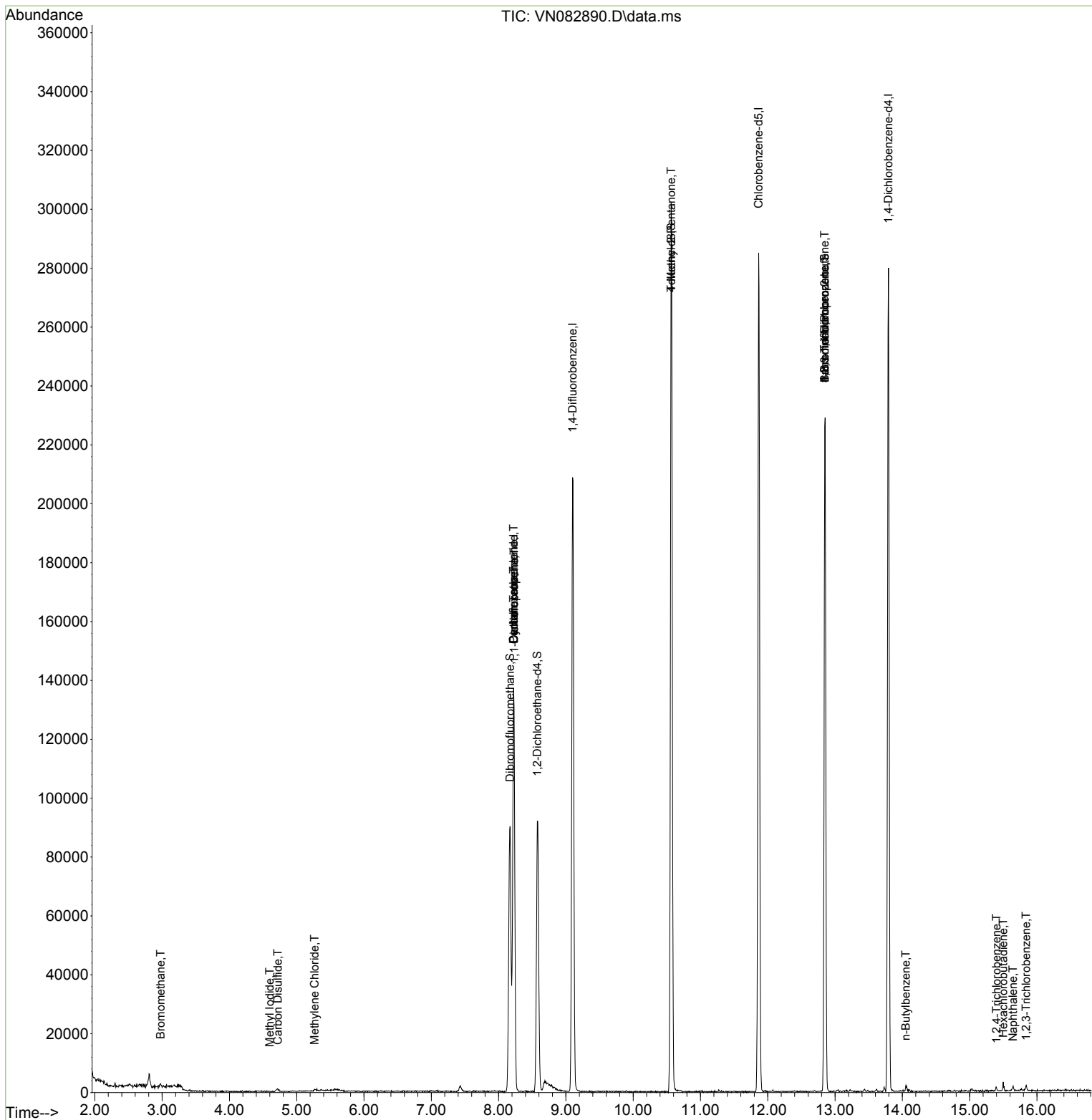
Internal Standards						
1) Pentafluorobenzene	8.224	168	93737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	175790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	161161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71903	50.000	ug/l	0.00

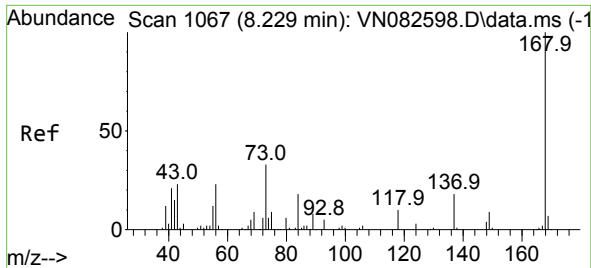
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	79849	60.768	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.540%	
35) Dibromofluoromethane	8.171	113	65548	58.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 116.220%	
50) Toluene-d8	10.565	98	210611	50.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.847	95	76016	50.794	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.580%	

Target Compounds				Qvalue		
5) Bromomethane	2.977	94	451	0.518	ug/l	94
10) Methyl Iodide	4.600	142	266	0.264	ug/l #	38
17) Carbon Disulfide	4.718	76	1495	0.523	ug/l #	75
20) Methylene Chloride	5.265	84	233	0.209	ug/l #	40
31) Cyclohexane	8.224	56	2144	1.248	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	8435	5.424	ug/l #	50
38) Carbon Tetrachloride	8.224	117	10860	5.800	ug/l #	19
43) Isopropyl Acetate	8.688	43	3588	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	947	0.603	ug/l #	1
71) Bromoform	12.847	173	434	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	43332	34.955	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	43332	68.746	ug/l #	6
89) n-Butylbenzene	14.053	91	1527	0.422	ug/l #	84
93) 1,2,4-Trichlorobenzene	15.400	180	687	0.539	ug/l #	58
94) Hexachlorobutadiene	15.500	225	585	1.036	ug/l	89
95) Naphthalene	15.647	128	2039	0.467	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	746	0.570	ug/l #	81

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

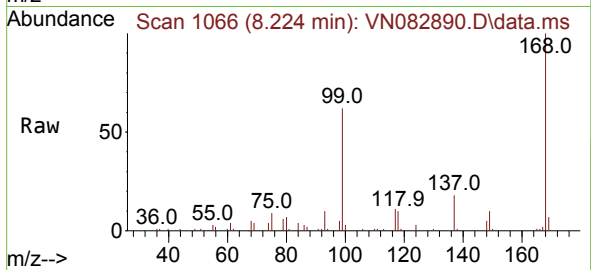
Quant Time: Jul 15 01:07:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



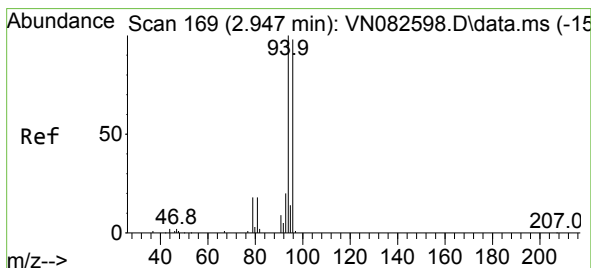
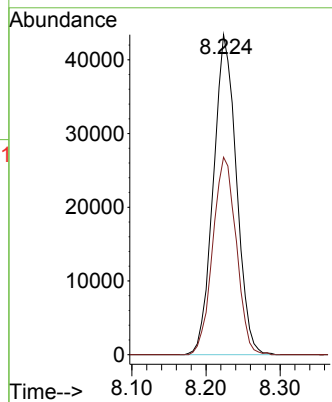
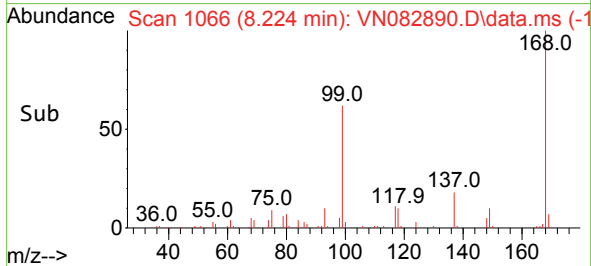


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

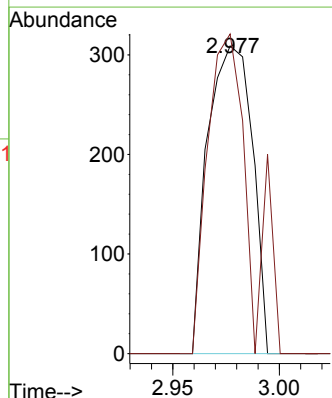
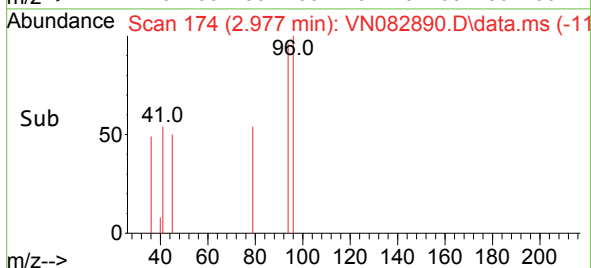
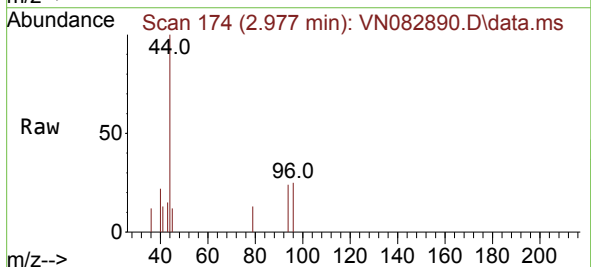


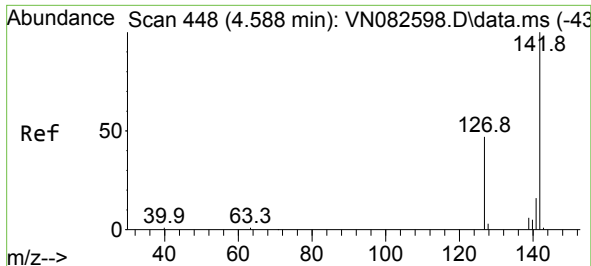
Tgt Ion:168 Resp: 93737
Ion Ratio Lower Upper
168 100
99 61.7 48.2 72.4



#5
Bromomethane
Concen: 0.518 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.030 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

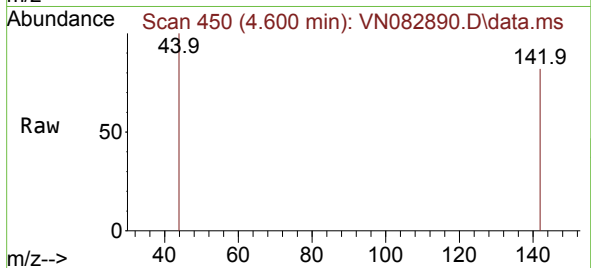
Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 103.9 78.0 117.0



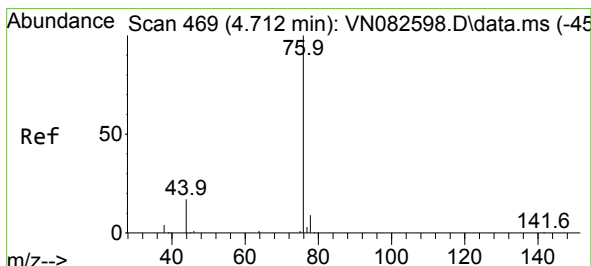
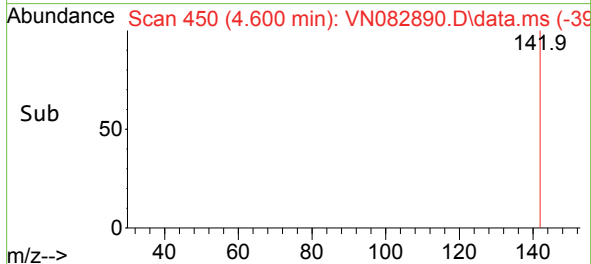
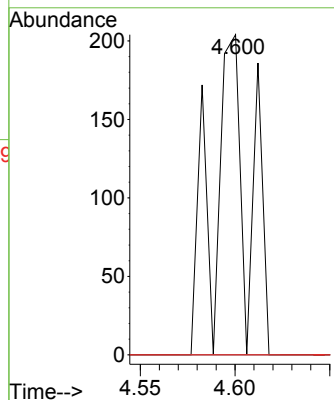


#10
Methyl Iodide
Concen: 0.264 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

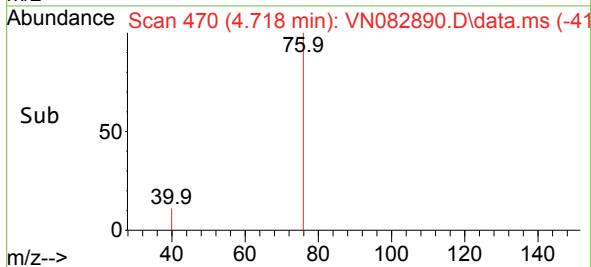
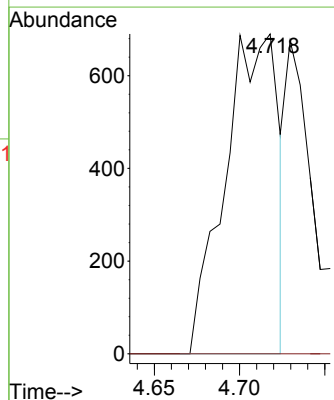
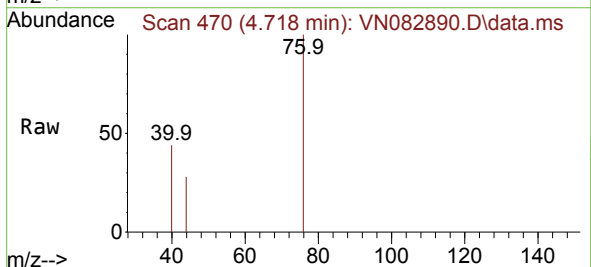


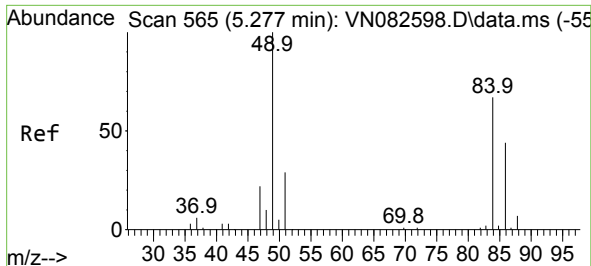
Tgt Ion:142 Resp: 266
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



#17
Carbon Disulfide
Concen: 0.523 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

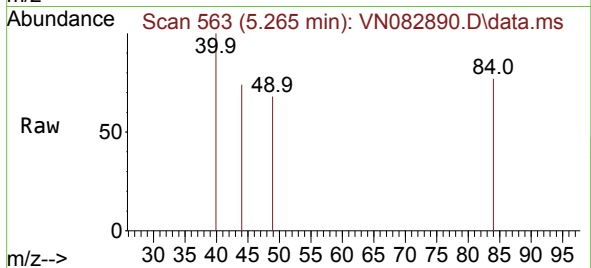
Tgt Ion: 76 Resp: 1495
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



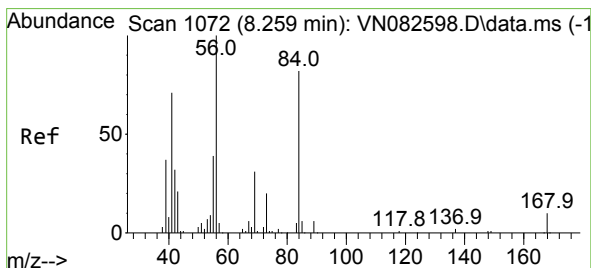
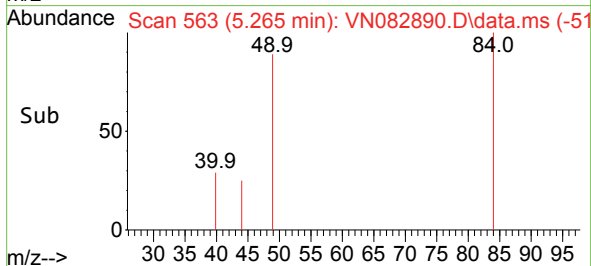
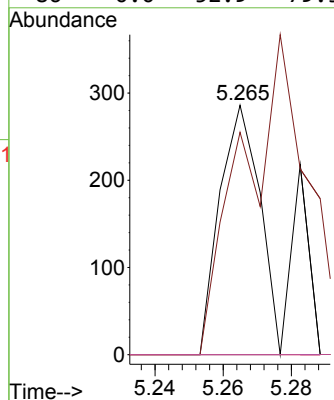


#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

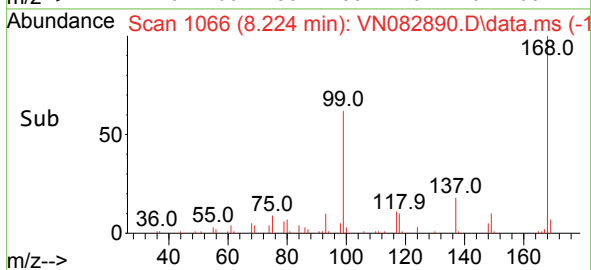
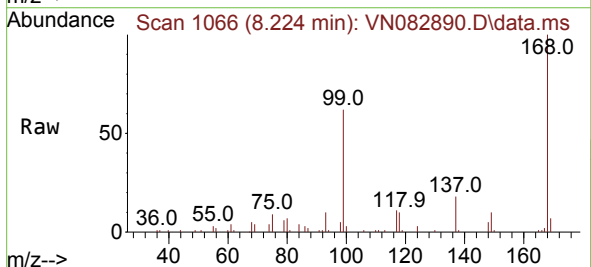
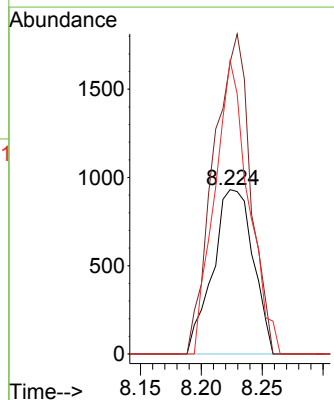


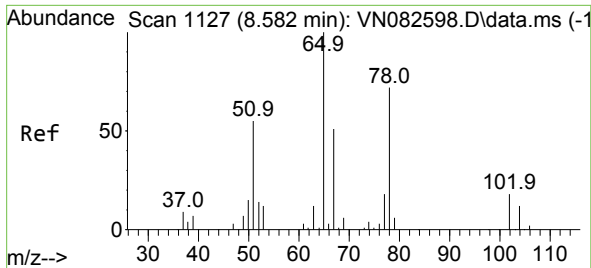
Tgt Ion:	84	Resp:	233
Ion	Ratio	Lower	Upper
84	100		
49	89.2	119.6	179.4#
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion:	56	Resp:	2144
Ion	Ratio	Lower	Upper
56	100		
69	177.4	24.5	36.7#
84	178.5	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 60.768 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

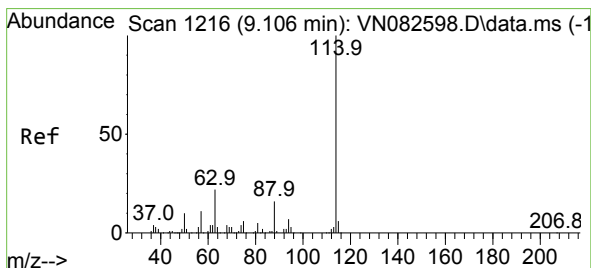
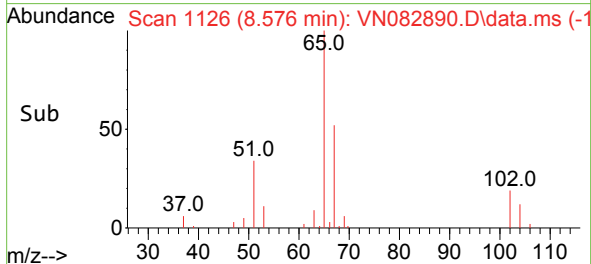
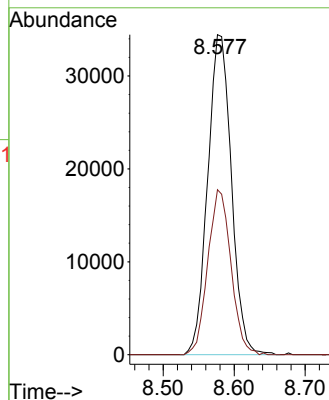
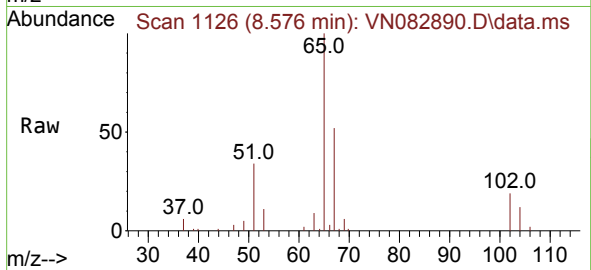
ClientSampleId :

Tgt Ion: 65 Resp: 79849

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

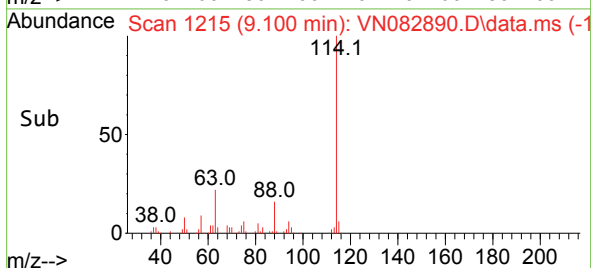
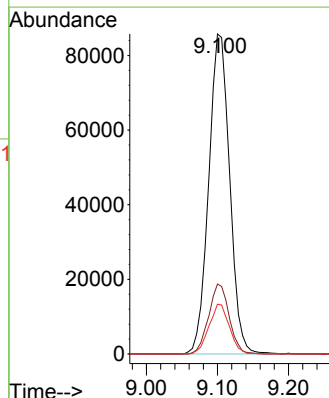
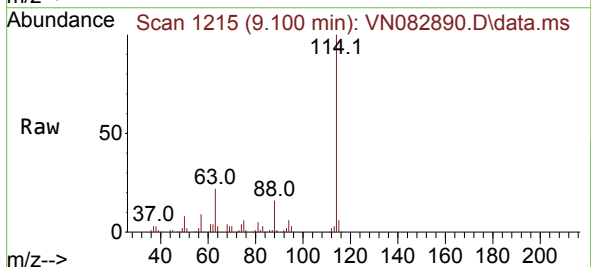
Tgt Ion: 114 Resp: 175790

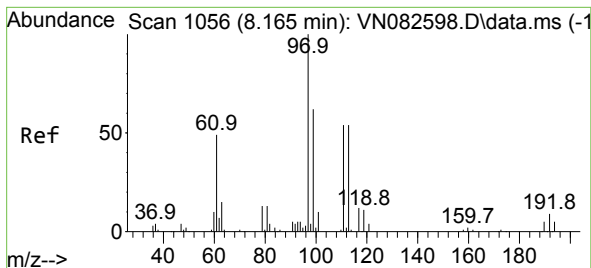
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 58.110 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

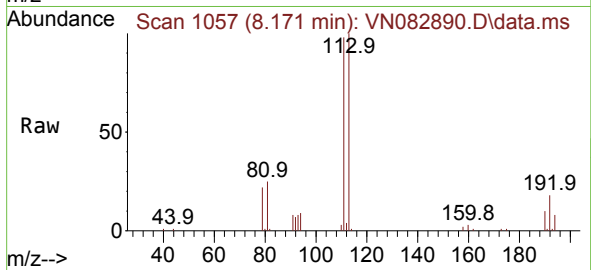
Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :



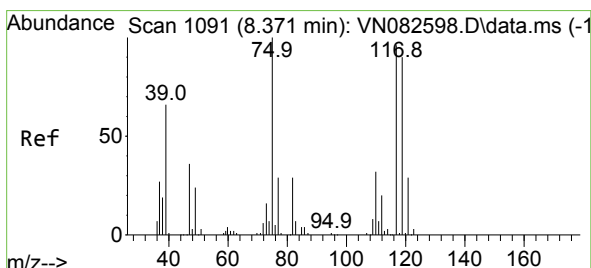
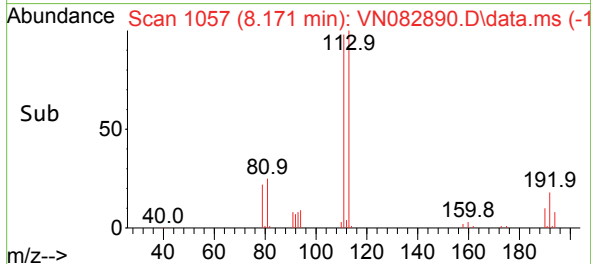
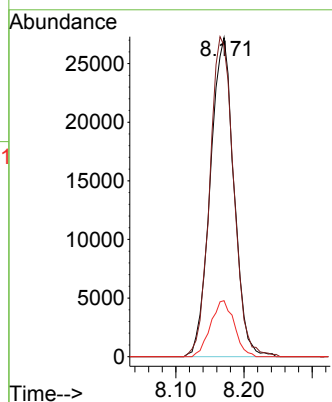
Tgt Ion:113 Resp: 65548

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.424 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

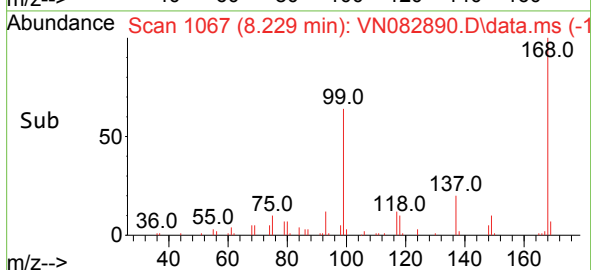
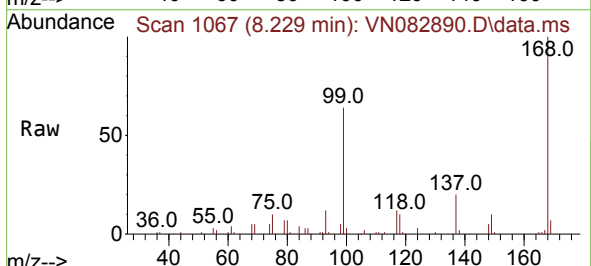
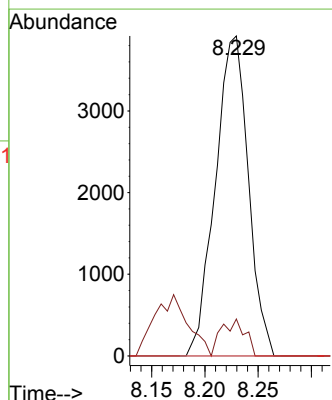
Tgt Ion: 75 Resp: 8435

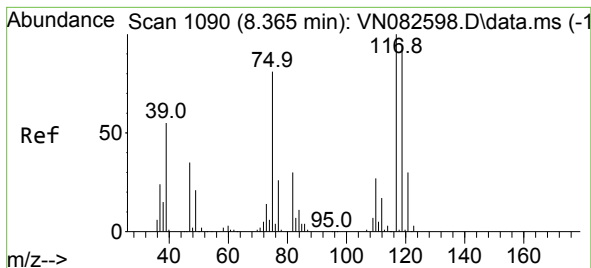
Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.800 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

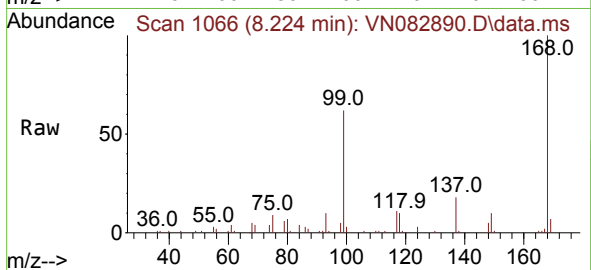
Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :



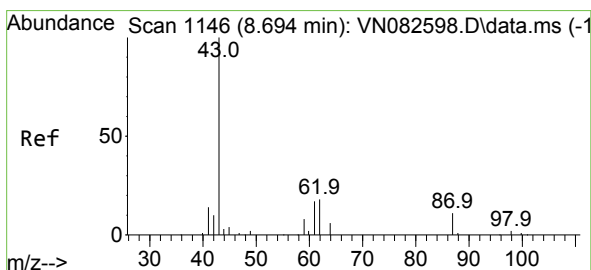
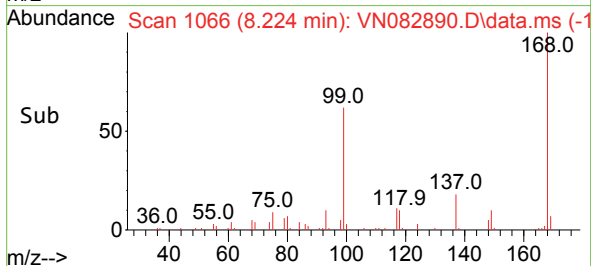
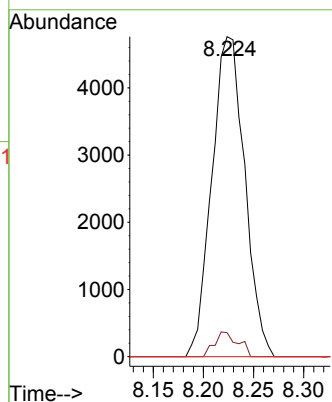
Tgt Ion:117 Resp: 10860

Ion Ratio Lower Upper

117 100

119 7.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

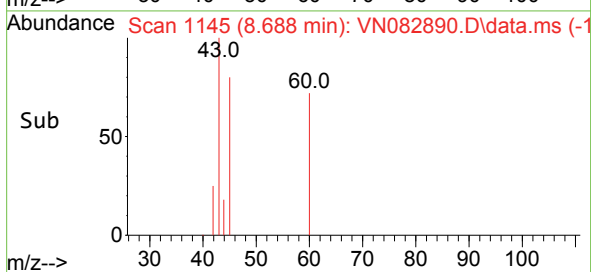
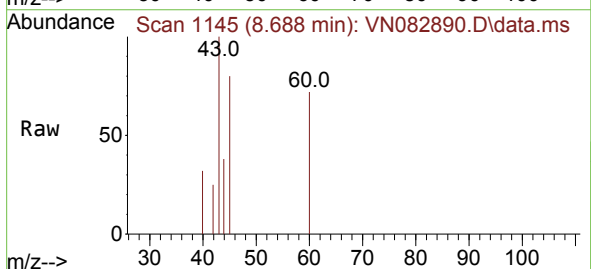
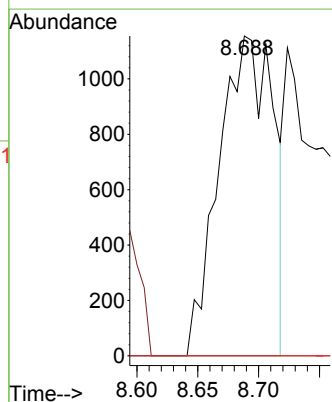
Tgt Ion: 43 Resp: 3588

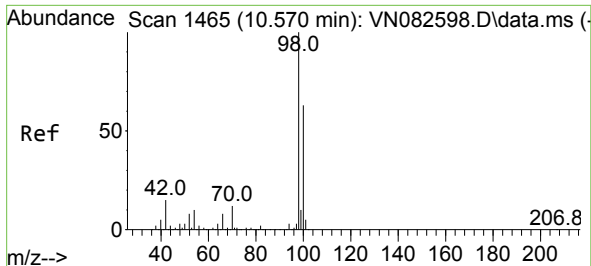
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

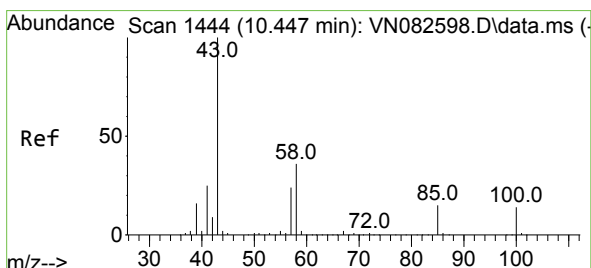
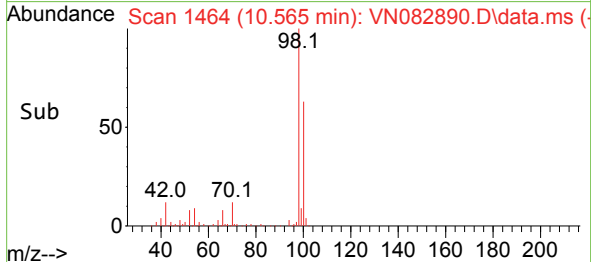
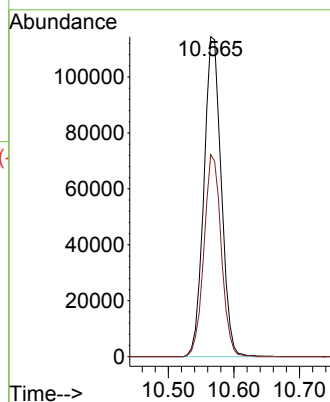
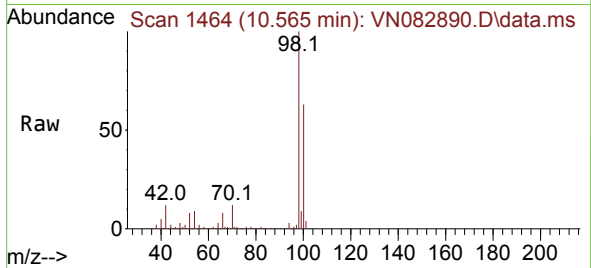




#50
Toluene-d8
Concen: 50.552 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

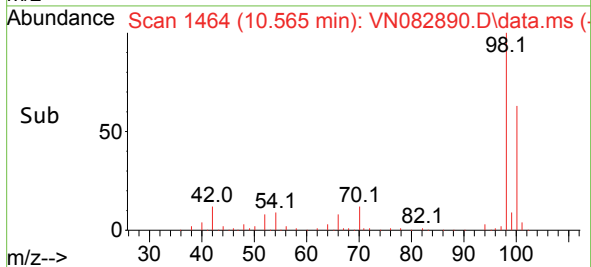
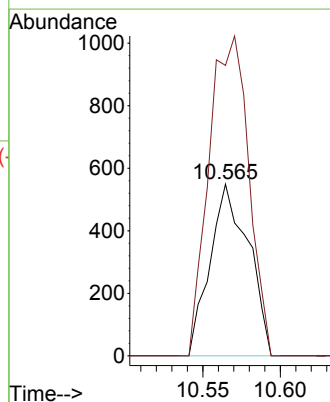
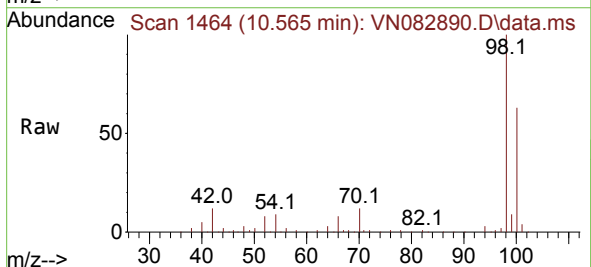
Instrument :
MSVOA_N
ClientSampleId :

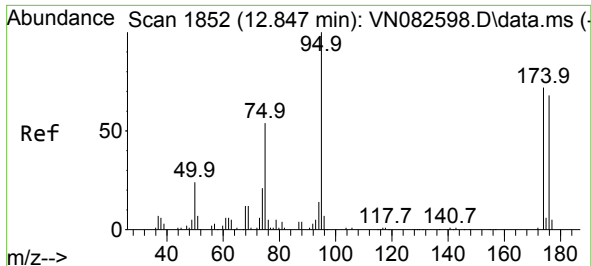
Tgt Ion: 98 Resp: 210611
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

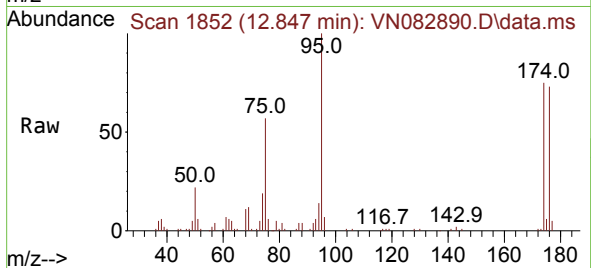
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 192.8 28.2 42.4#



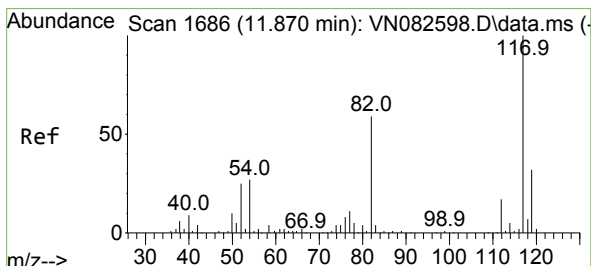
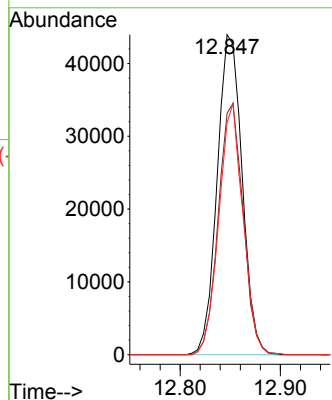
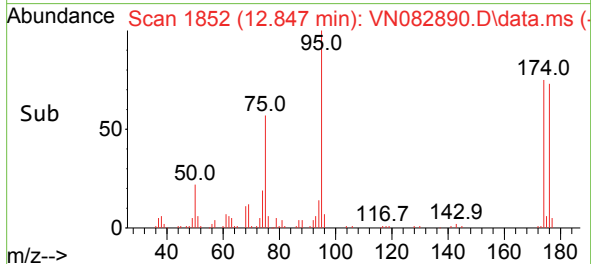


#62
4-Bromofluorobenzene
Concen: 50.794 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

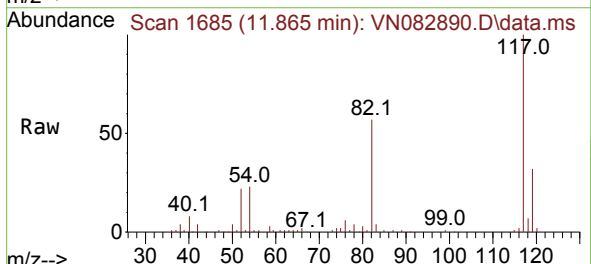
Instrument :
MSVOA_N
ClientSampleId :



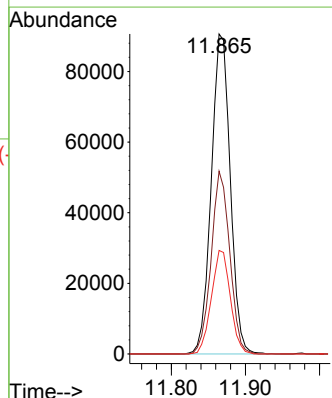
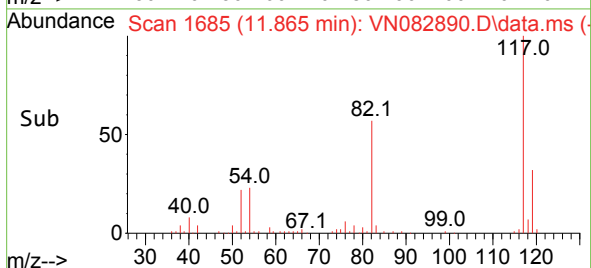
Tgt Ion: 95 Resp: 76016
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 75.9 0.0 147.6

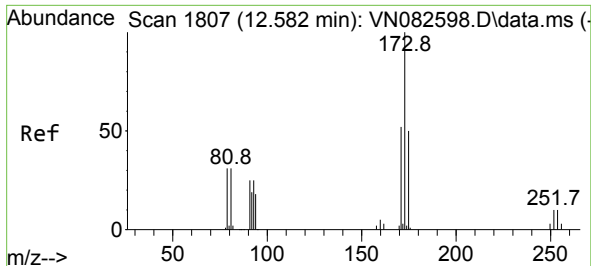


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17



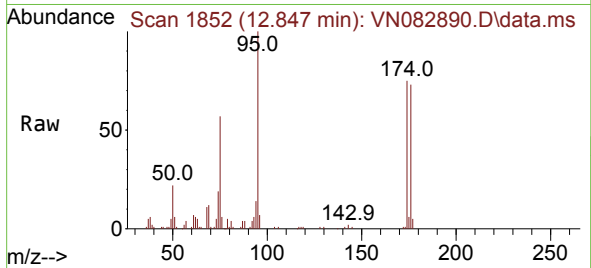
Tgt Ion: 117 Resp: 161161
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 32.4 25.6 38.4



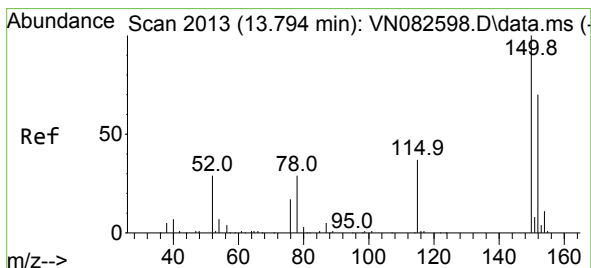
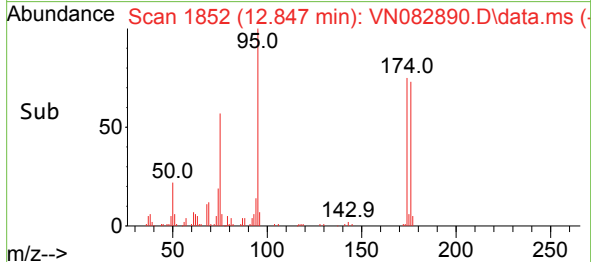
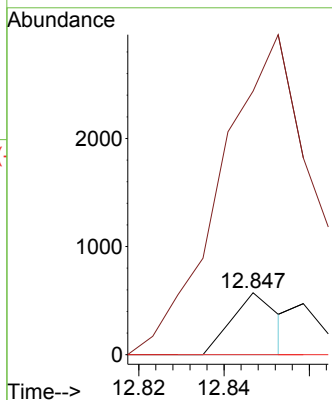


#71
Bromoform
Concen: 0.449 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Instrument :
MSVOA_N
ClientSampleId :

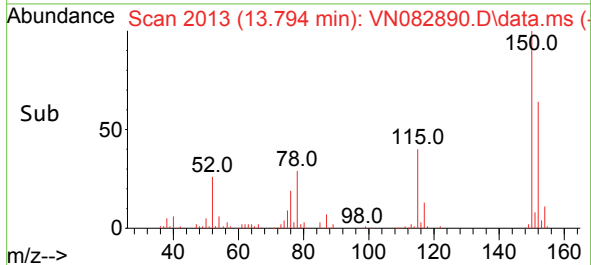
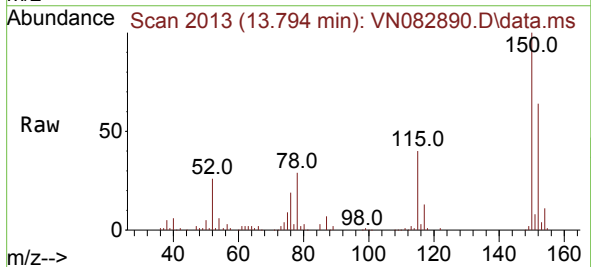
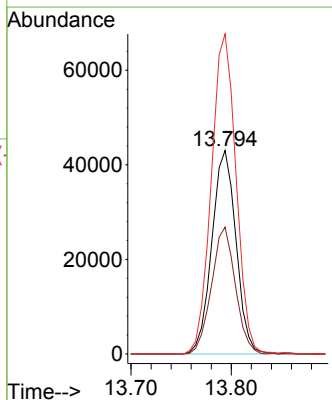


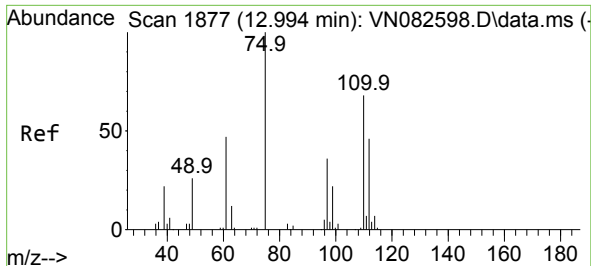
Tgt Ion:173 Resp: 434
Ion Ratio Lower Upper
173 100
175 885.7 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion:152 Resp: 71903
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 160.8 0.0 348.6

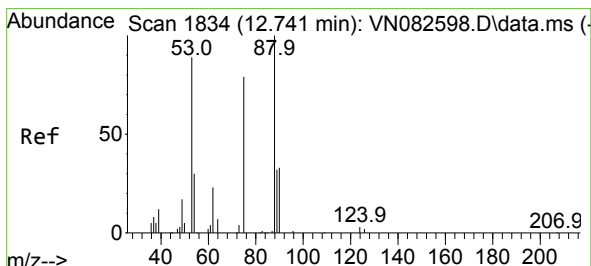
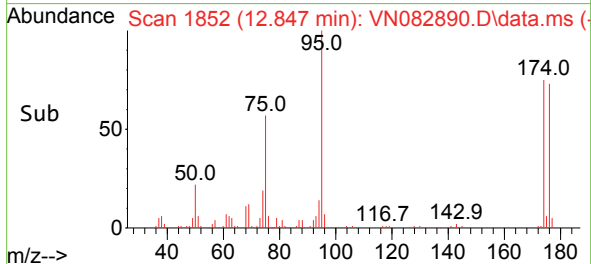
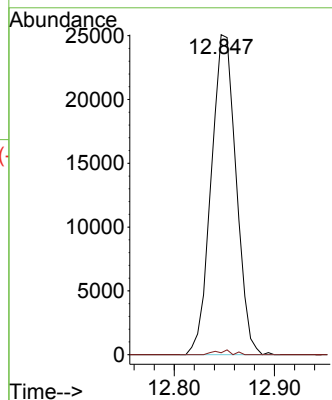
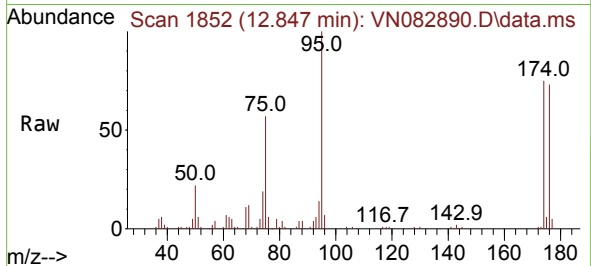




#76
1,2,3-Trichloropropane
Concen: 34.955 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

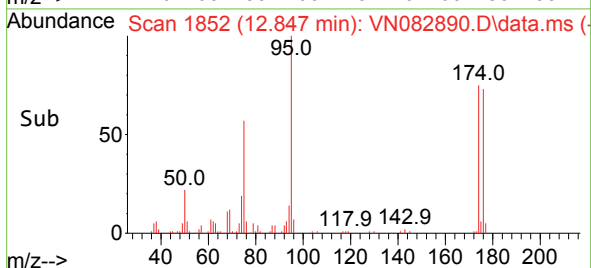
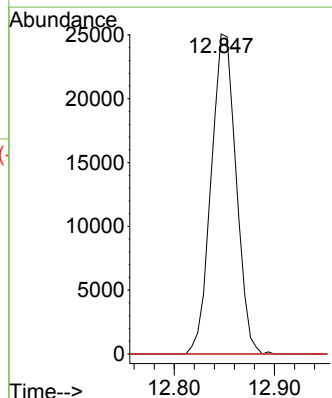
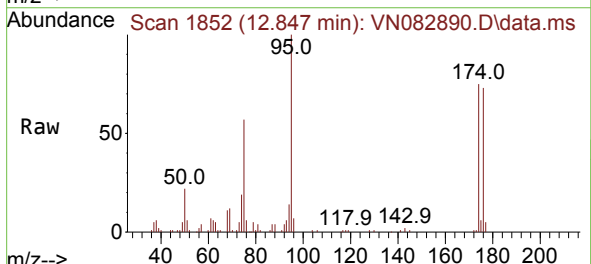
Instrument :
MSVOA_N
ClientSampleId :

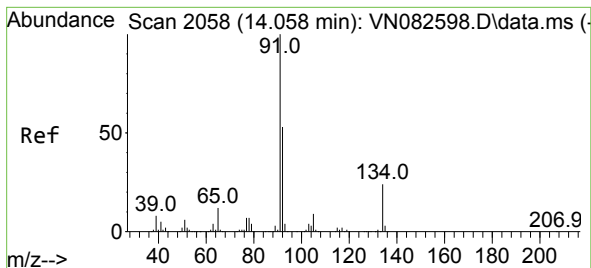
Tgt Ion: 75 Resp: 43332
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082890.D
Acq: 12 Jul 2024 11:17

Tgt Ion: 75 Resp: 43332
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.422 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.005 min

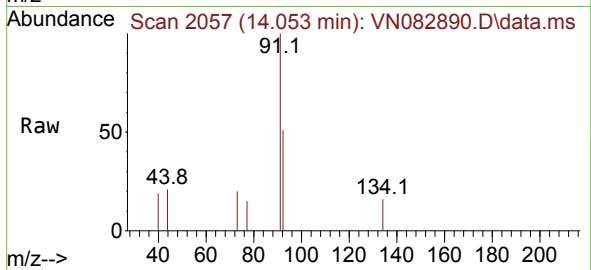
Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :



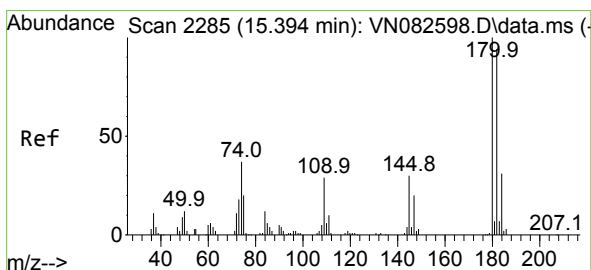
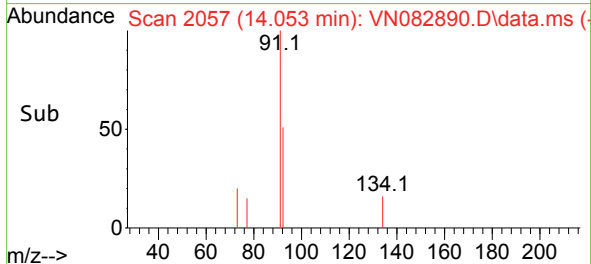
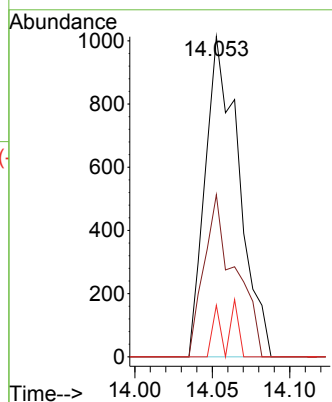
Tgt Ion: 91 Resp: 1527

Ion Ratio Lower Upper

91 100

92 46.8 26.1 78.3

134 7.9 12.1 36.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.539 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

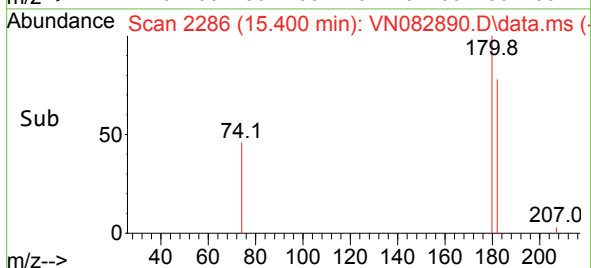
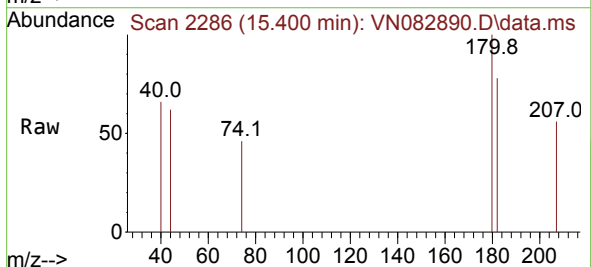
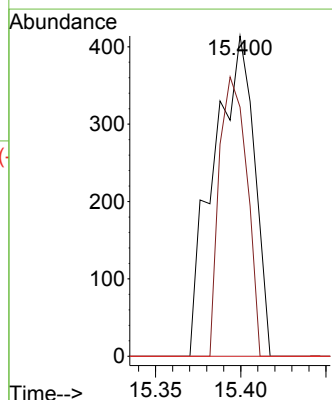
Tgt Ion:180 Resp: 687

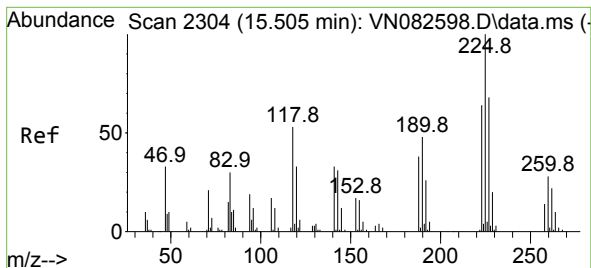
Ion Ratio Lower Upper

180 100

182 59.1 47.3 141.8

145 0.0 15.7 47.1#





#94

Hexachlorobutadiene

Concen: 1.036 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN082890.D

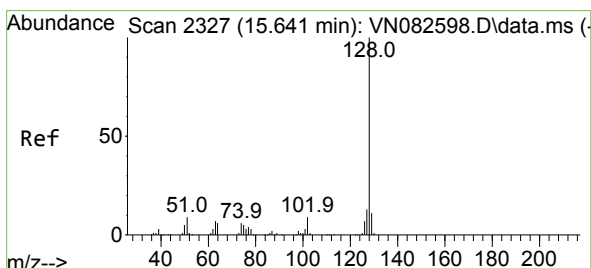
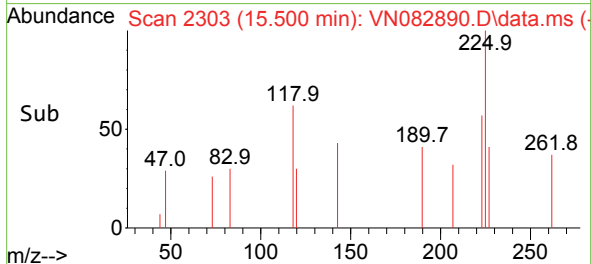
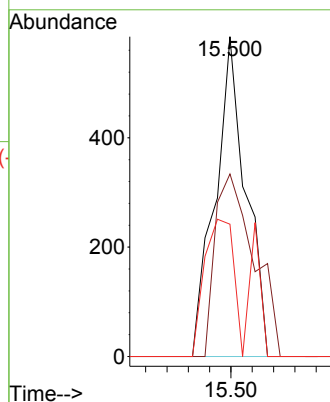
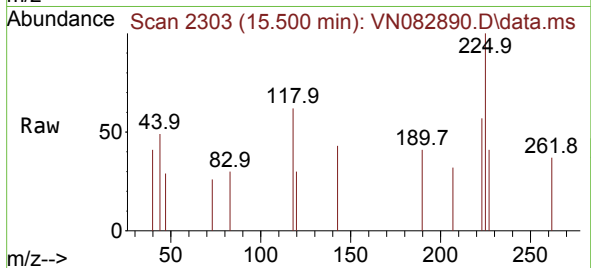
Acq: 12 Jul 2024 11:17

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	585
Ion	Ratio	Lower	Upper
225	100		
223	72.3	31.9	95.7
227	55.6	32.5	97.5



#95

Naphthalene

Concen: 0.467 ug/l

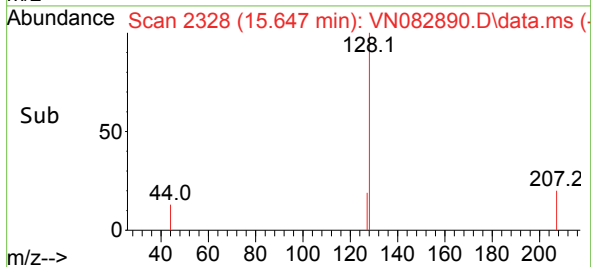
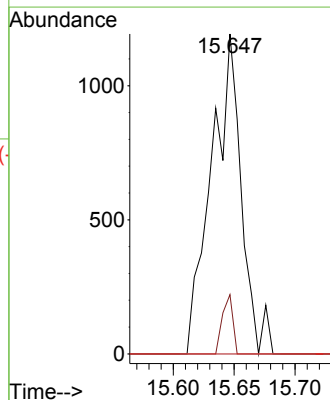
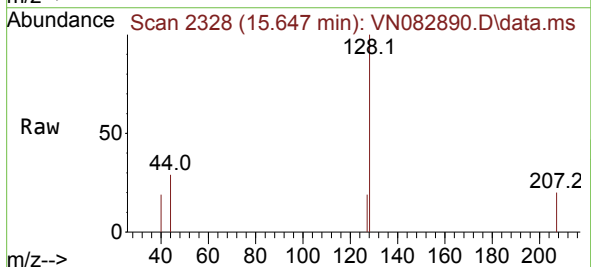
RT: 15.647 min Scan# 2328

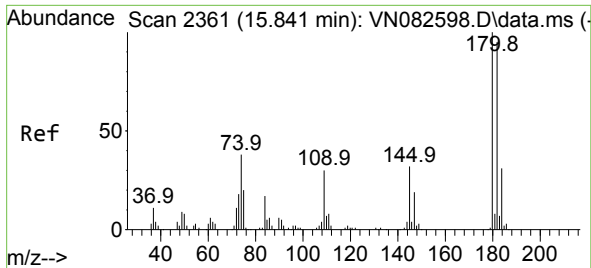
Delta R.T. 0.006 min

Lab File: VN082890.D

Acq: 12 Jul 2024 11:17

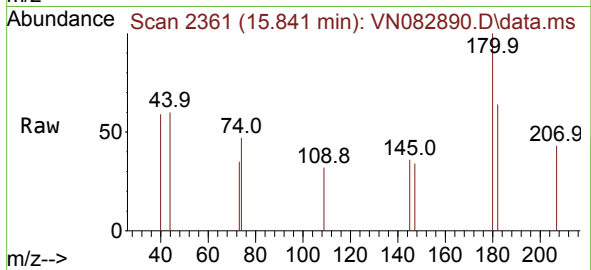
Tgt Ion:	128	Resp:	2039
Ion	Ratio	Lower	Upper
128	100		
127	6.5	10.6	16.0#
129	0.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.570 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082890.D
 Acq: 12 Jul 2024 11:17

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 746
 Ion Ratio Lower Upper
 180 100
 182 113.1 48.9 146.8
 145 16.4 16.8 50.4#

