

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082865.D
 Acq On : 11 Jul 2024 10:32
 Operator : JC\MD
 Sample : VN0711MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

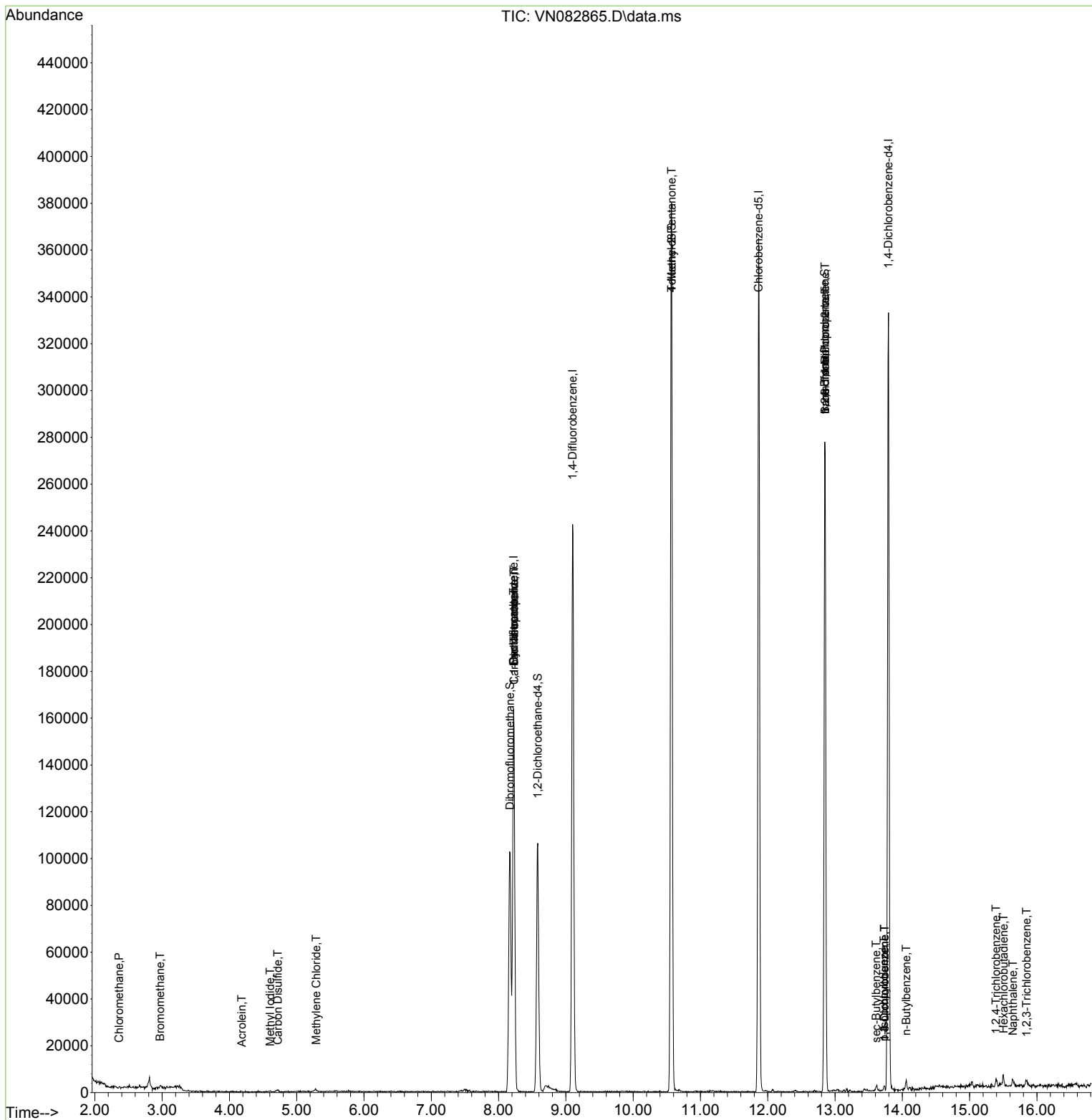
Quant Time: Jul 12 01:02:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

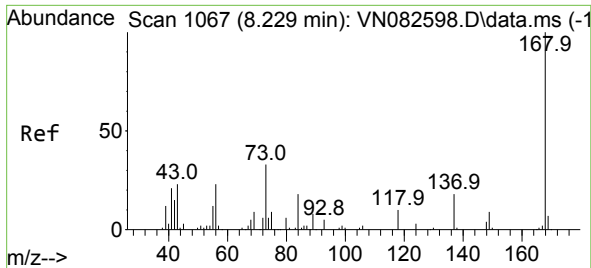
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	115876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	87519	53.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.171	113	73000	54.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.640%			
50) Toluene-d8	10.571	98	262570	53.388	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.847	95	95958	54.317	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.640%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	325	0.228	ug/l #	43
5) Bromomethane	2.971	94	645	0.599	ug/l #	80
10) Methyl Iodide	4.606	142	699	0.561	ug/l #	38
13) Acrolein	4.183	56	56	0.284	ug/l #	14
17) Carbon Disulfide	4.718	76	1803	0.510	ug/l #	75
20) Methylene Chloride	5.289	84	380	0.275	ug/l #	65
31) Cyclohexane	8.224	56	2800	1.318	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	9848	5.364	ug/l #	49
38) Carbon Tetrachloride	8.230	117	12789	5.786	ug/l #	13
43) Isopropyl Acetate	8.712	43	2710	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.571	43	1273	0.687	ug/l #	1
71) Bromoform	12.853	173	616	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	51748	33.721	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	51748	66.320	ug/l #	6
85) sec-Butylbenzene	13.612	105	1608	0.257	ug/l	99
86) p-Isopropyltoluene	13.729	119	1324	0.253	ug/l #	80
87) 1,3-Dichlorobenzene	13.735	146	646	0.214	ug/l #	66
88) 1,4-Dichlorobenzene	13.735	146	646	0.207	ug/l	66
89) n-Butylbenzene	14.059	91	2361	0.527	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	865	0.549	ug/l	78
94) Hexachlorobutadiene	15.506	225	997	1.427	ug/l	91
95) Naphthalene	15.647	128	3370	0.624	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.847	180	1265	0.780	ug/l	92

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

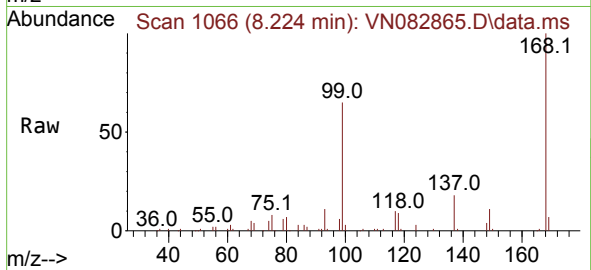
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



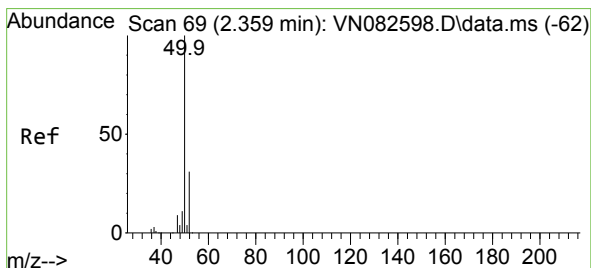
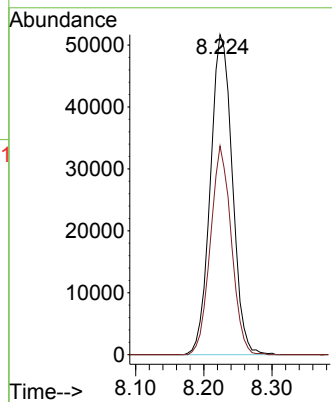
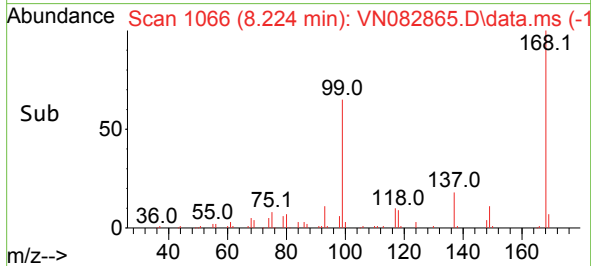


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :

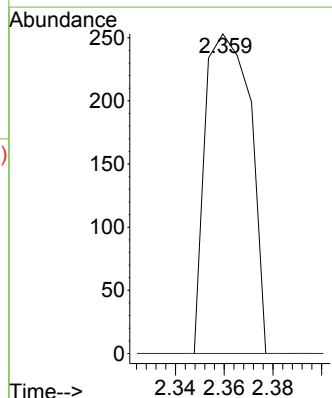
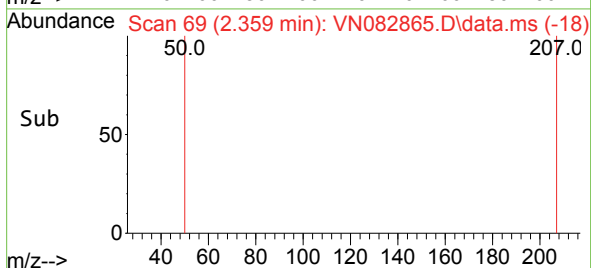
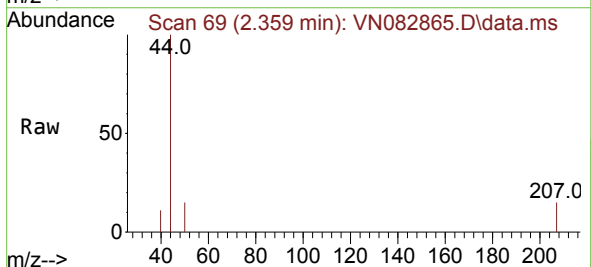


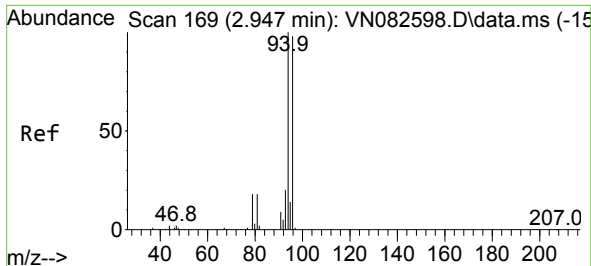
Tgt Ion:168 Resp: 115876
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#3
Chloromethane
Concen: 0.228 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

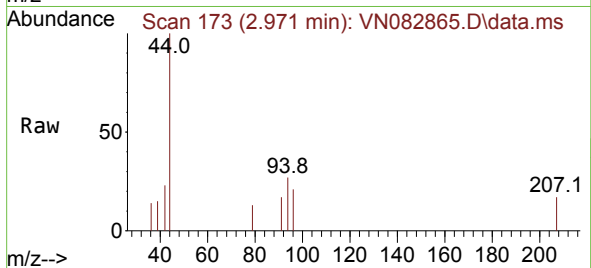
Tgt Ion: 50 Resp: 325
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



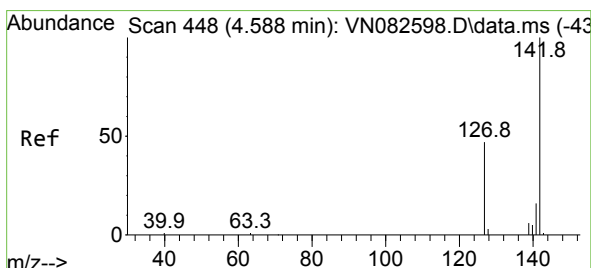
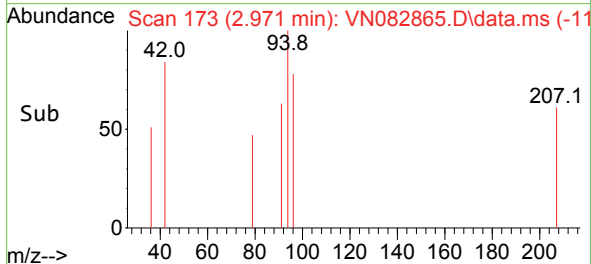
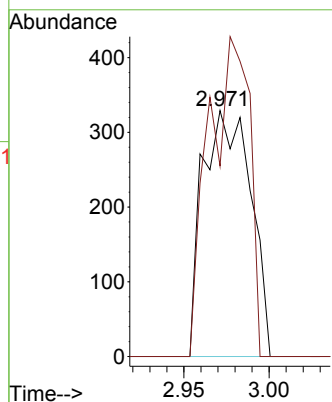


#5
Bromomethane
Concen: 0.599 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :

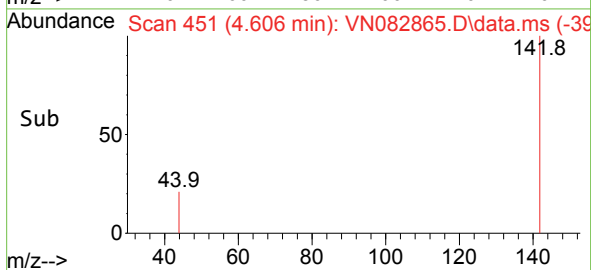
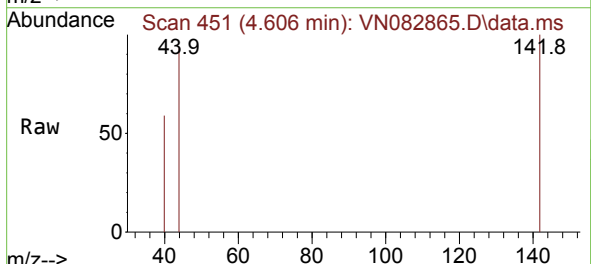
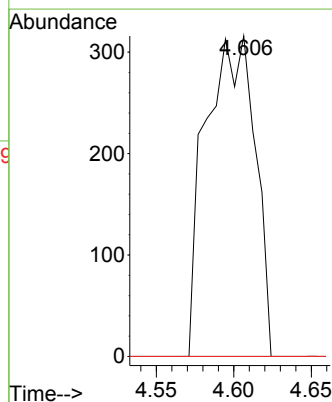


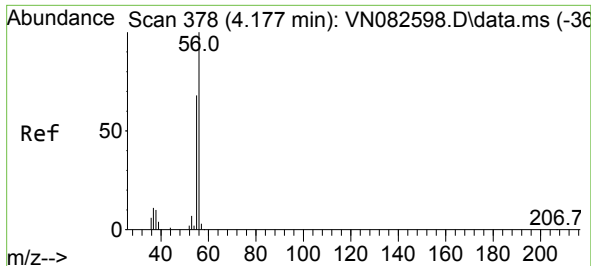
Tgt Ion: 94 Resp: 645
Ion Ratio Lower Upper
94 100
96 77.5 78.0 117.0#



#10
Methyl Iodide
Concen: 0.561 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.018 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

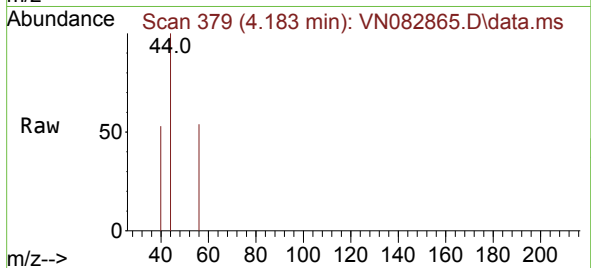
Tgt Ion:142 Resp: 699
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 13.1 19.7#



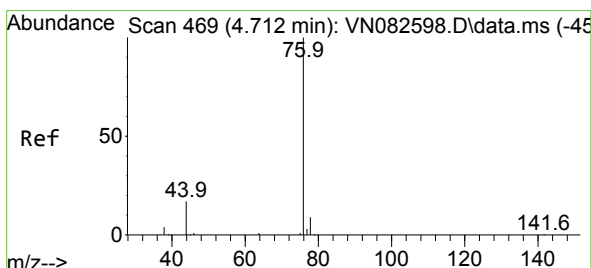
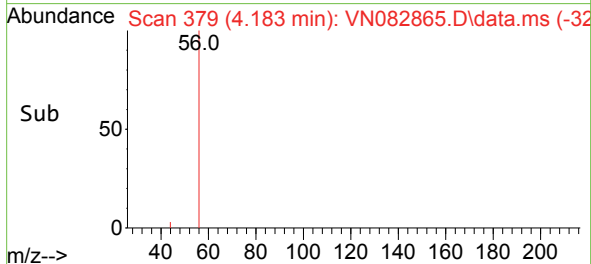
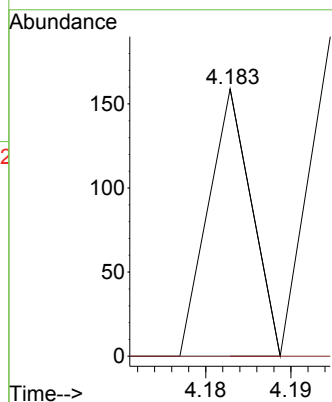


#13
Acrolein
Concen: 0.284 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :

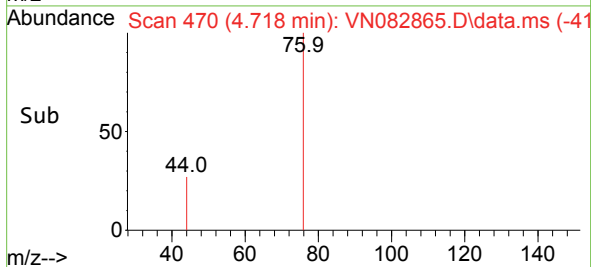
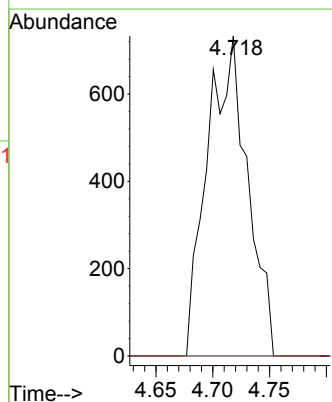
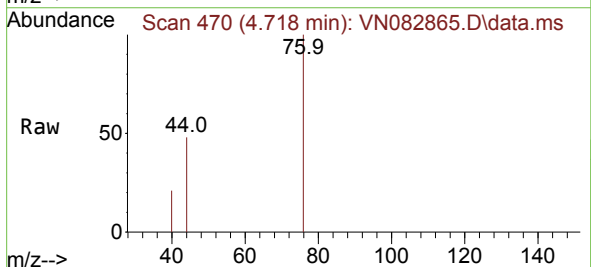


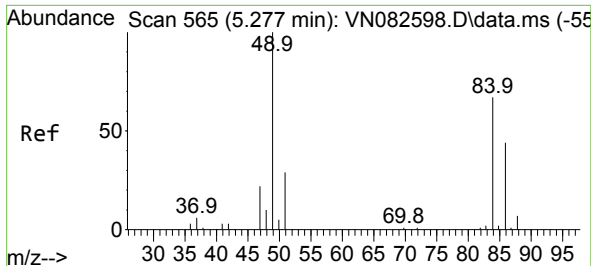
Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#17
Carbon Disulfide
Concen: 0.510 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

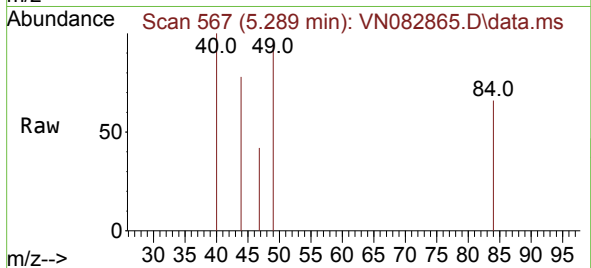
Tgt Ion: 76 Resp: 1803
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



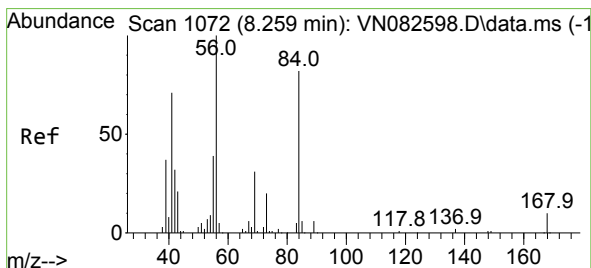
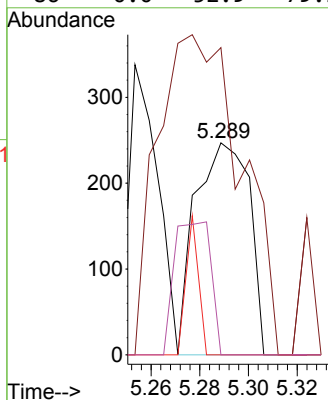
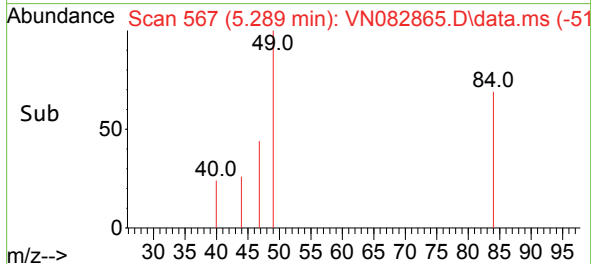


#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

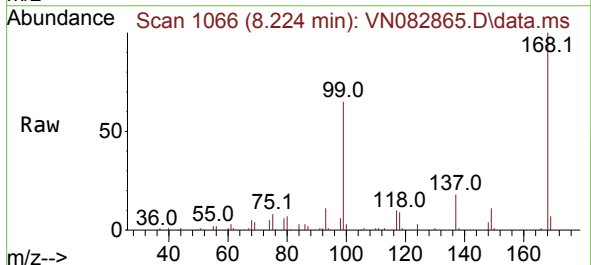
Instrument :
MSVOA_N
ClientSampleId :



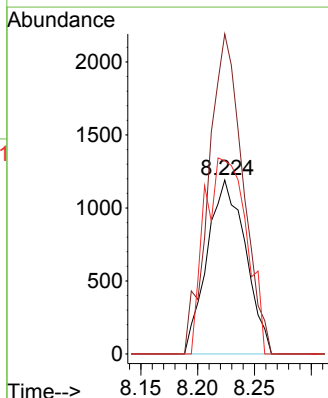
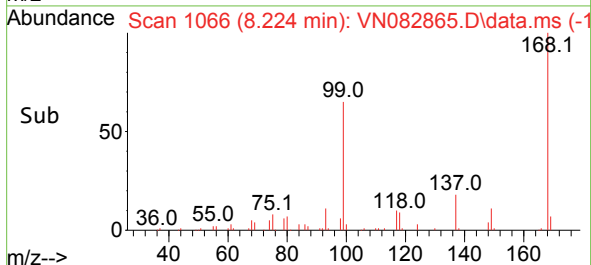
Tgt Ion: 84 Resp: 380
Ion Ratio Lower Upper
84 100
49 144.9 119.6 179.4
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#

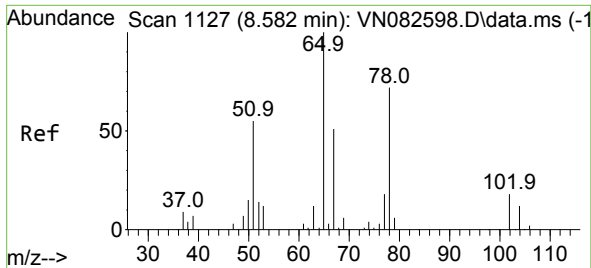


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32



Tgt Ion: 56 Resp: 2800
Ion Ratio Lower Upper
56 100
69 184.0 24.5 36.7#
84 111.1 66.0 99.0#

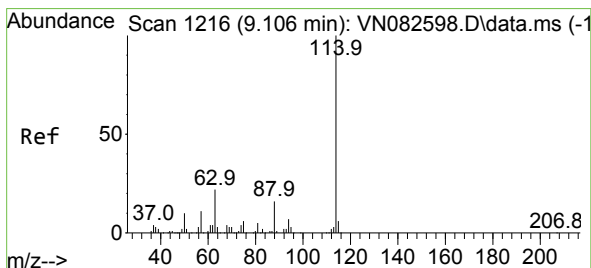
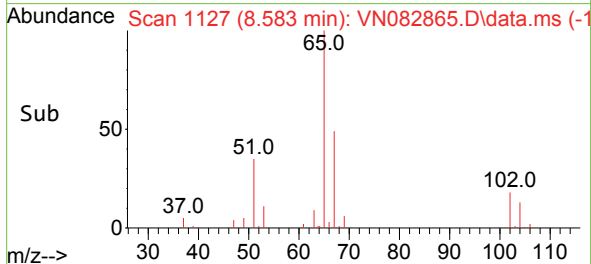
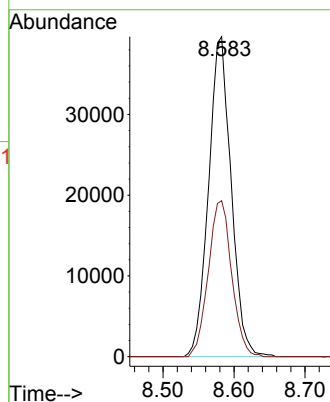
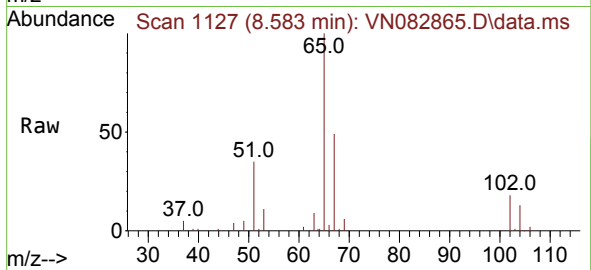




#33
 1,2-Dichloroethane-d4
 Concen: 53.880 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

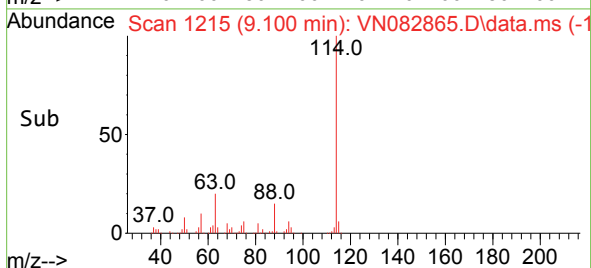
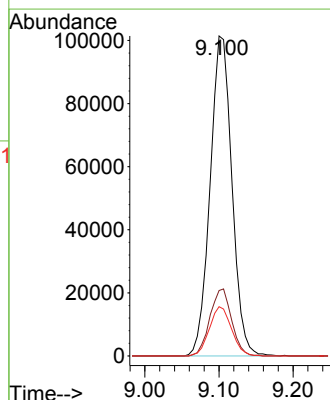
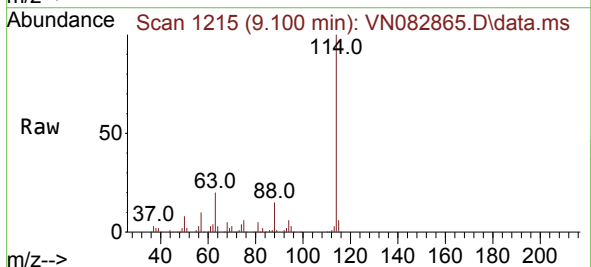
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 MSVOA_N
 ClientSampleId :

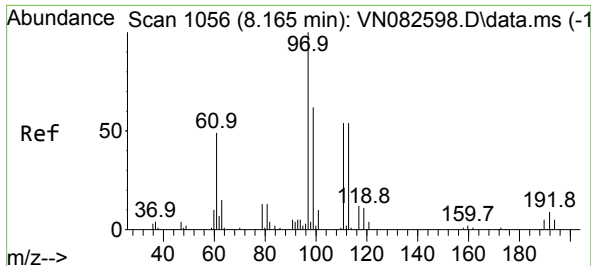
Tgt Ion: 65 Resp: 87519
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

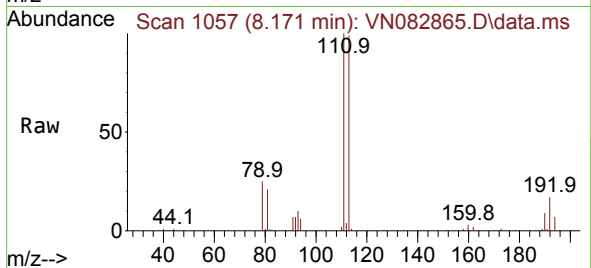
Tgt Ion: 114 Resp: 207515
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.6
 88 15.4 0.0 31.4



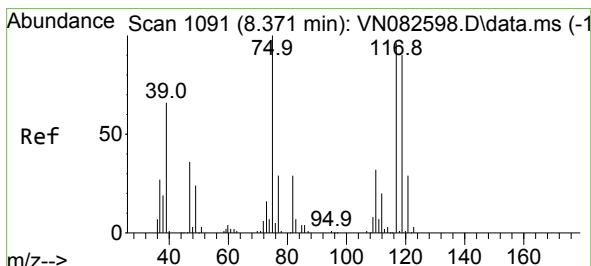
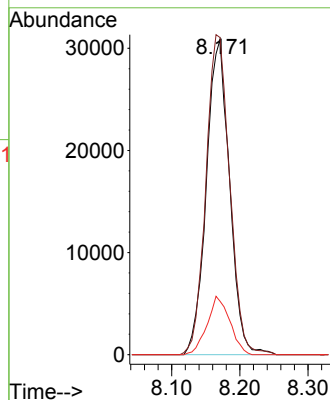
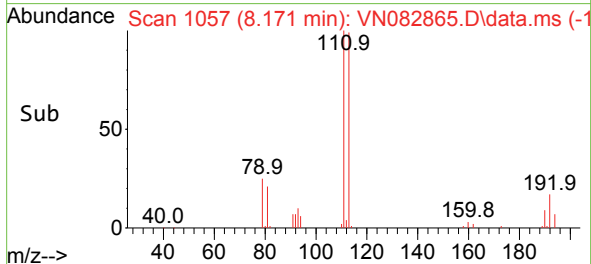


#35
Dibromofluoromethane
Concen: 54.822 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :

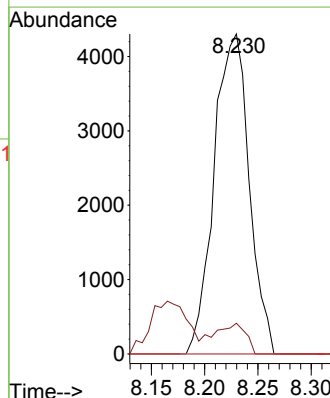
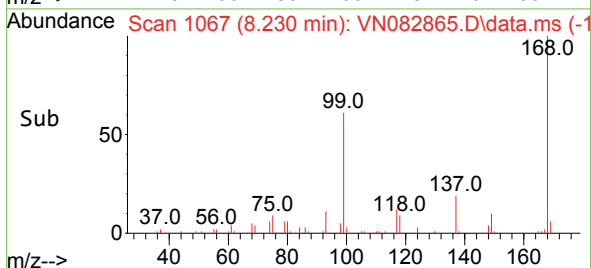
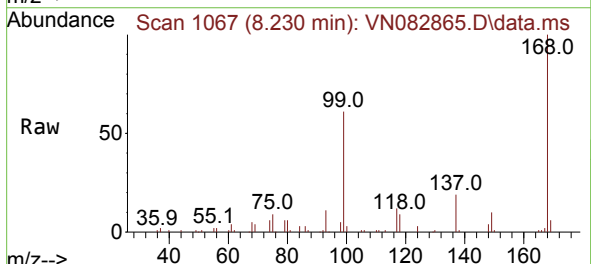


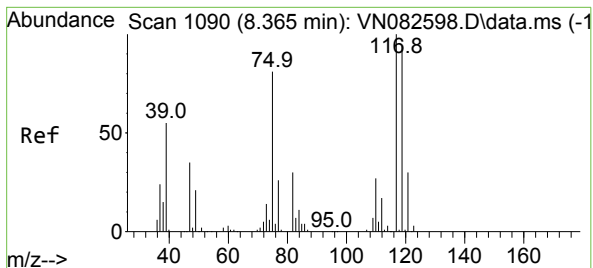
Tgt Ion:113 Resp: 73000
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.364 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Tgt Ion: 75 Resp: 9848
Ion Ratio Lower Upper
75 100
110 7.1 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.786 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.135 min

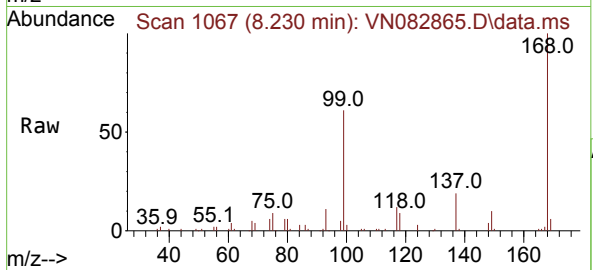
Lab File: VN082865.D

Acq: 11 Jul 2024 10:32

Instrument :

MSVOA_N

ClientSampleId :



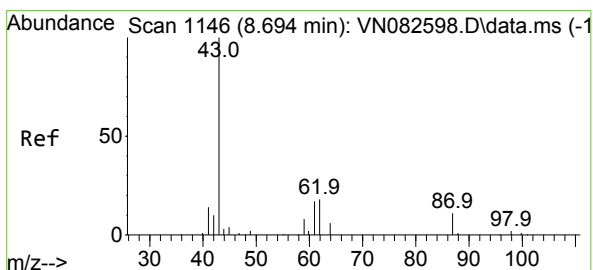
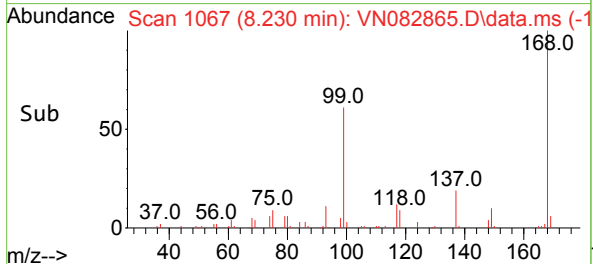
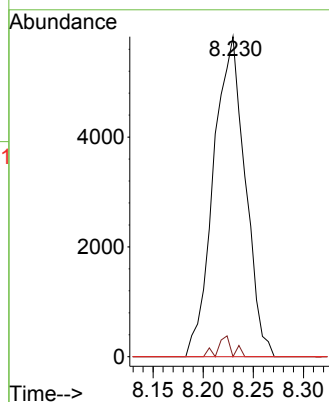
Tgt Ion:117 Resp: 12789

Ion Ratio Lower Upper

117 100

119 0.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.018 min

Lab File: VN082865.D

Acq: 11 Jul 2024 10:32

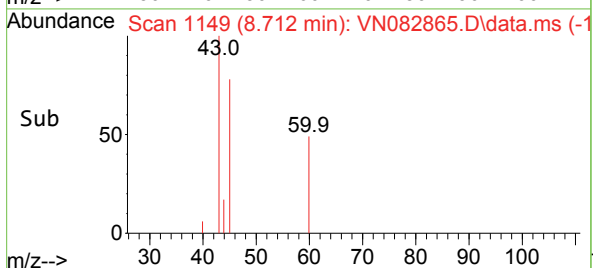
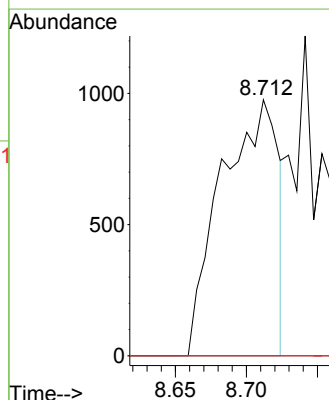
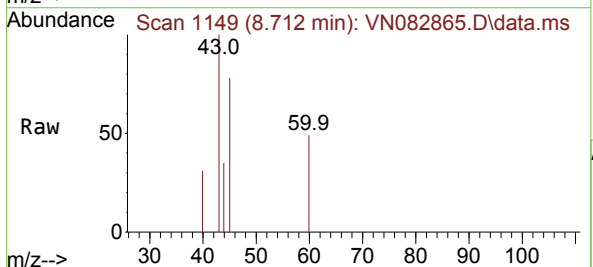
Tgt Ion: 43 Resp: 2710

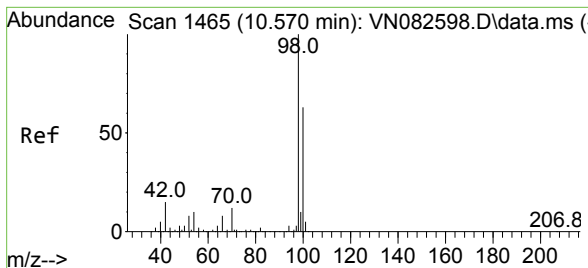
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

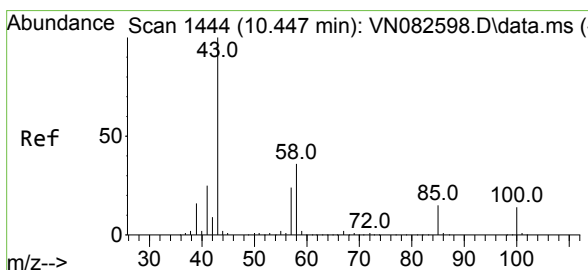
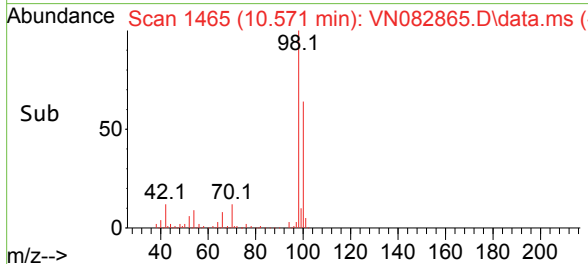
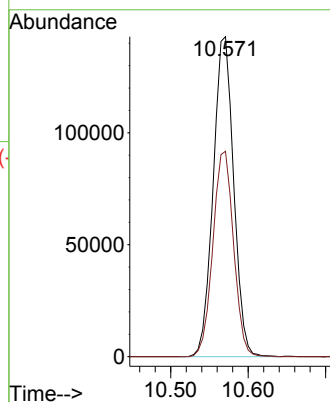
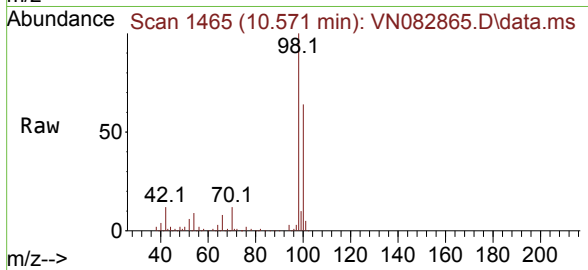




#50
Toluene-d8
Concen: 53.388 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

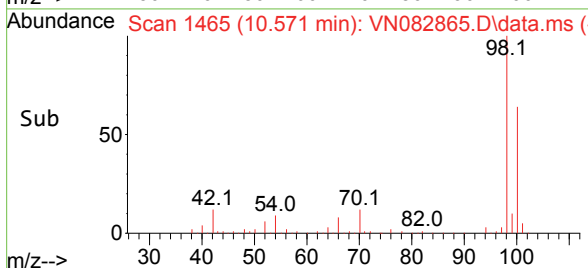
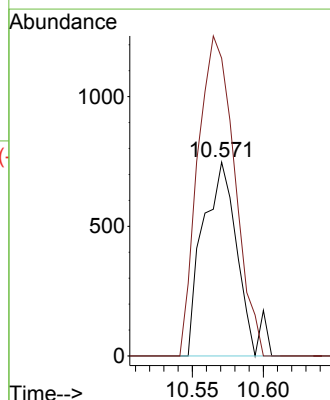
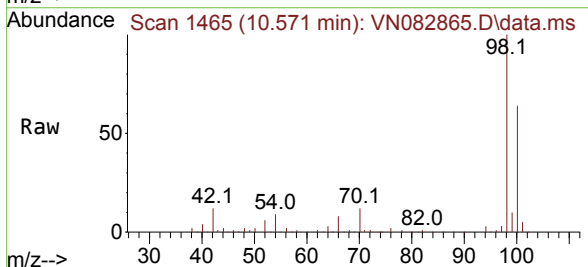
Instrument :
MSVOA_N
ClientSampleId :

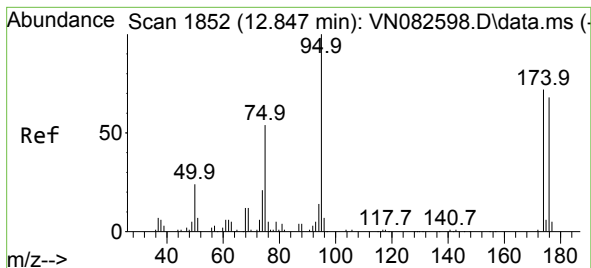
Tgt Ion: 98 Resp: 262570
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.687 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 174.6 28.2 42.4#

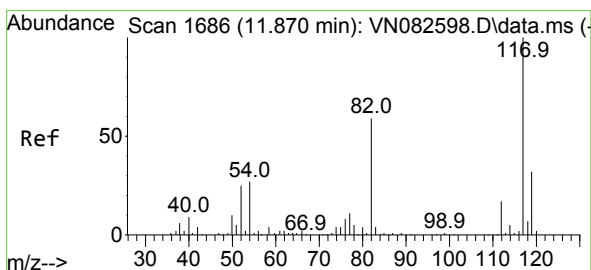
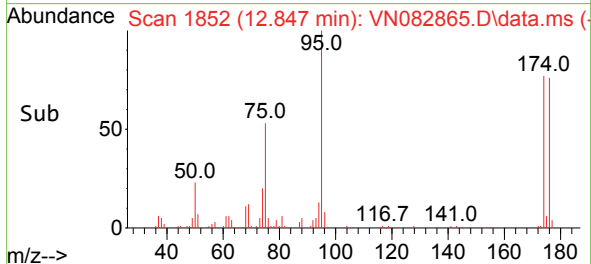
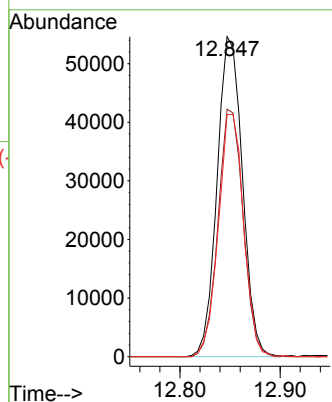
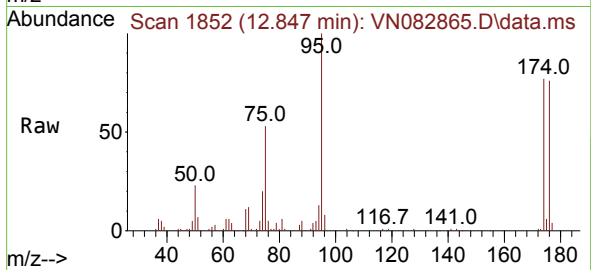




#62
4-Bromofluorobenzene
Concen: 54.317 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

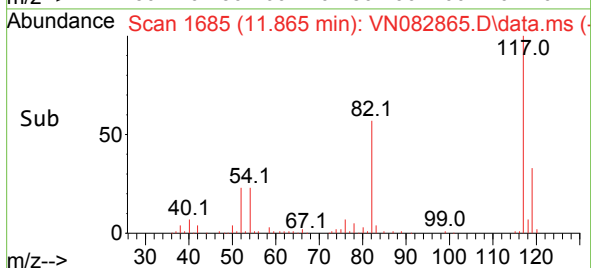
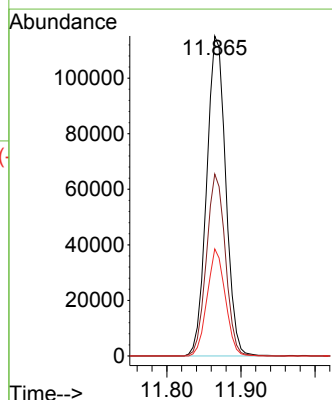
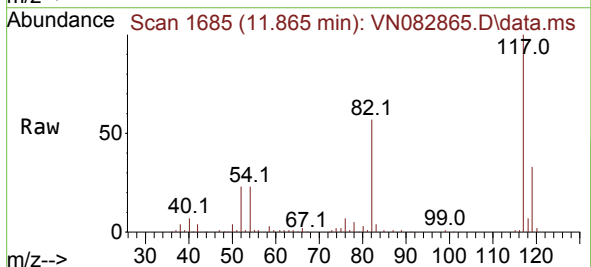
Instrument :
MSVOA_N
ClientSampleId :

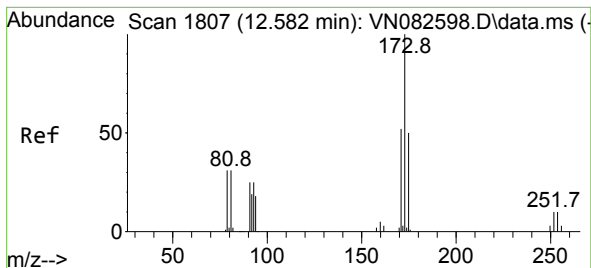
Tgt Ion: 95 Resp: 95958
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 75.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Tgt Ion: 117 Resp: 205599
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 33.4 25.6 38.4





#71

Bromoform

Concen: 0.500 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

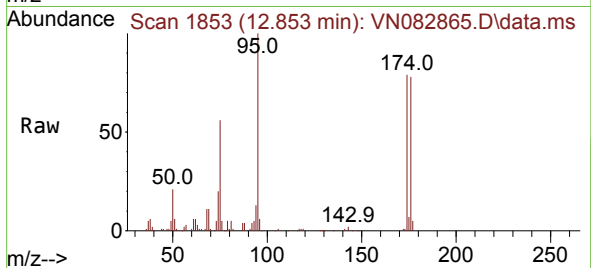
Lab File: VN082865.D

Acq: 11 Jul 2024 10:32

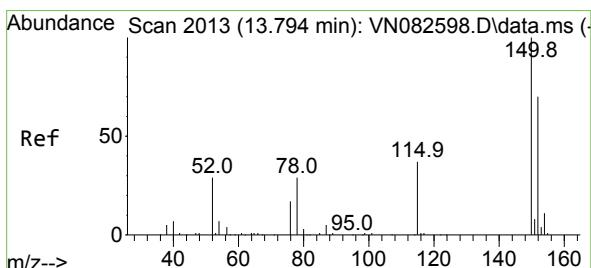
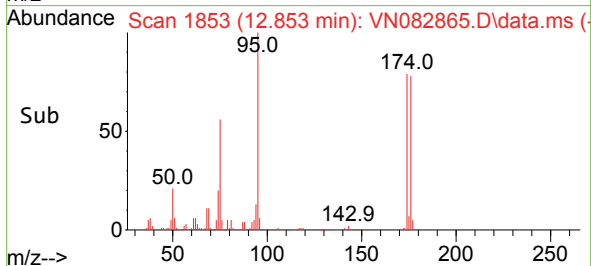
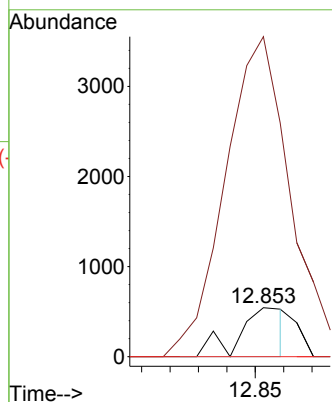
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	616
Ion Ratio	Lower	Upper	
173	100		
175	776.1	24.0	72.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

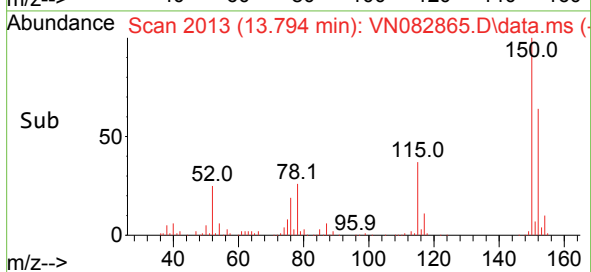
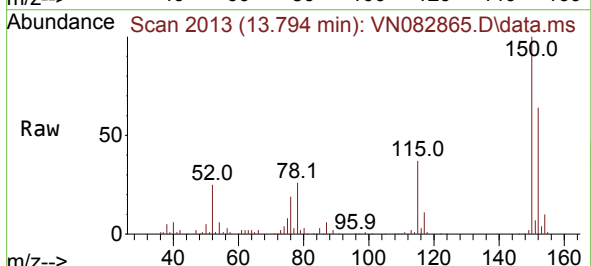
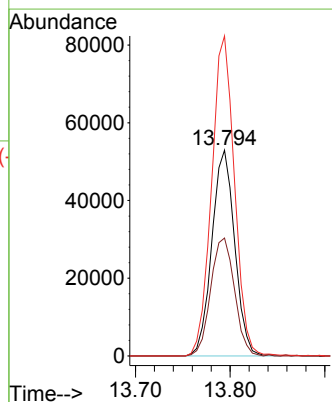
RT: 13.794 min Scan# 2013

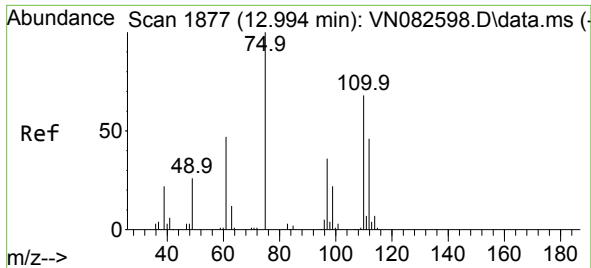
Delta R.T. 0.000 min

Lab File: VN082865.D

Acq: 11 Jul 2024 10:32

Tgt Ion:	152	Resp:	89010
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.6	91.6
150	155.4	0.0	348.6

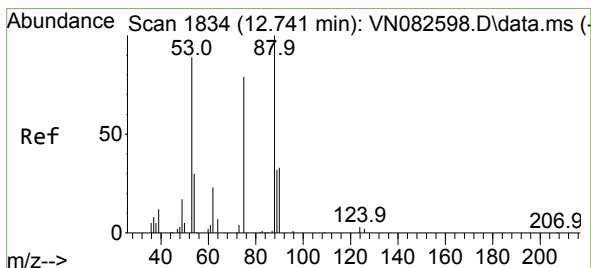
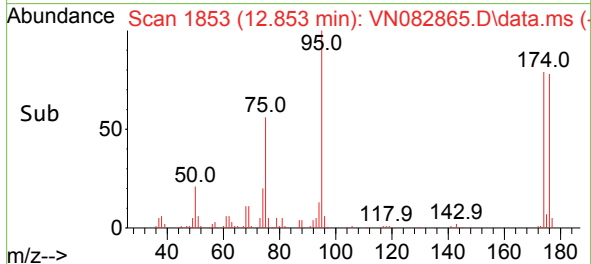
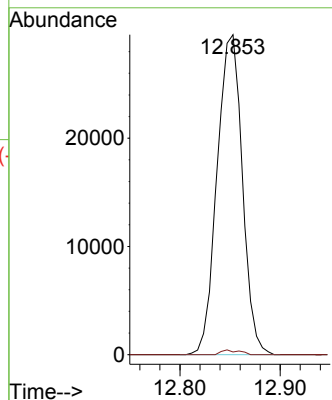
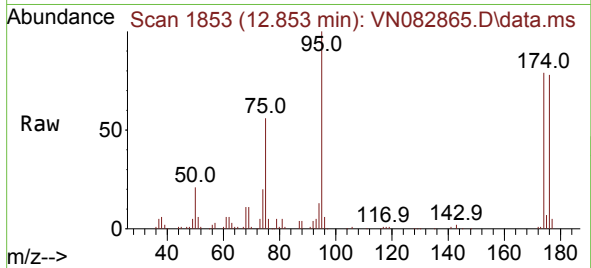




#76
1,2,3-Trichloropropane
Concen: 33.721 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

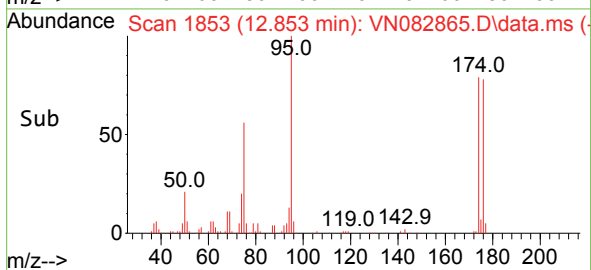
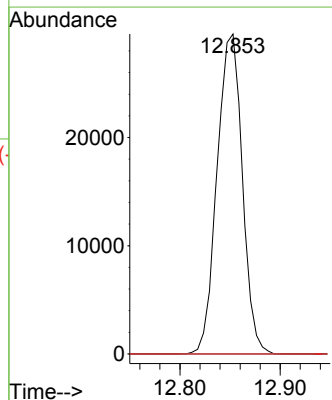
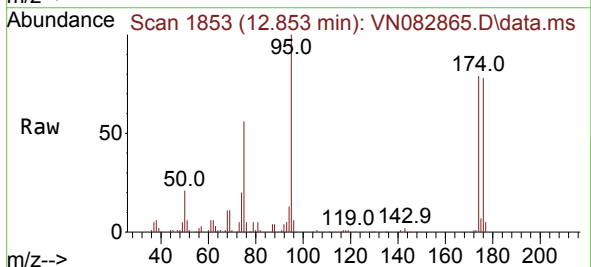
Instrument :
MSVOA_N
ClientSampleId :

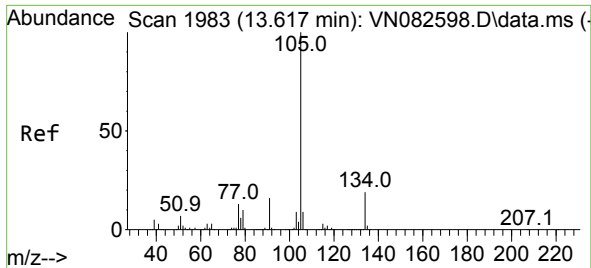
Tgt Ion: 75 Resp: 51748
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.320 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Tgt Ion: 75 Resp: 51748
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

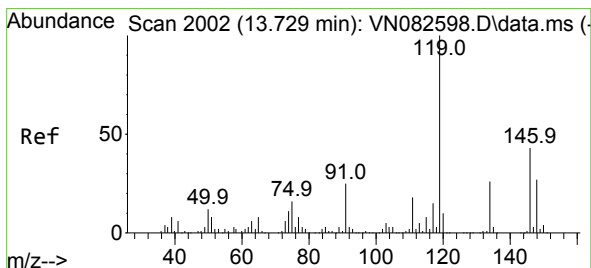
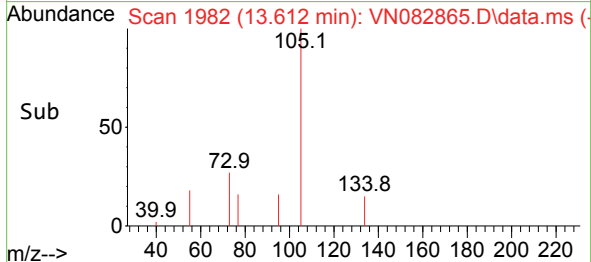
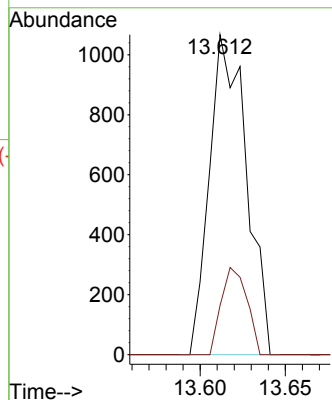
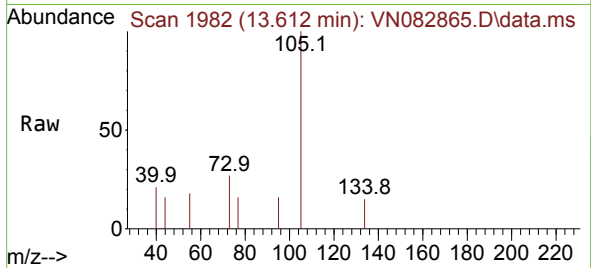




#85
 sec-Butylbenzene
 Concen: 0.257 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

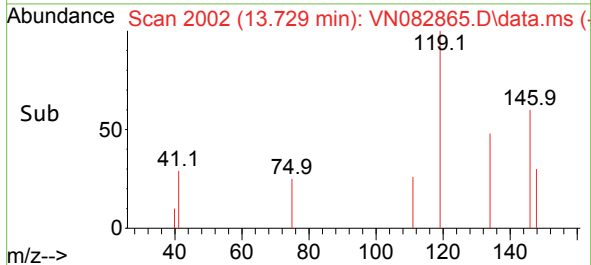
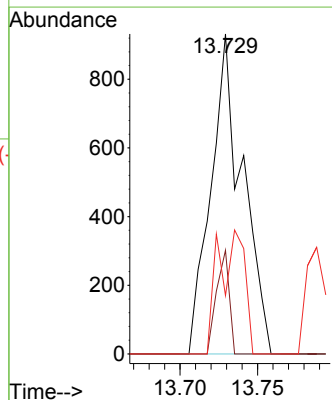
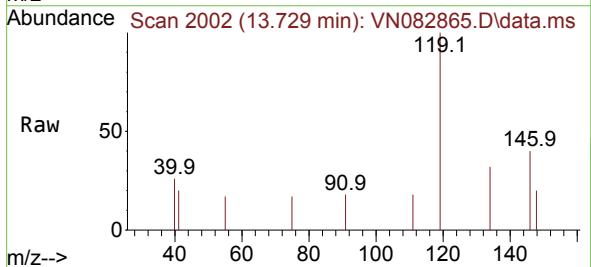
Instrument :
 MSVOA_N
 ClientSampleId :

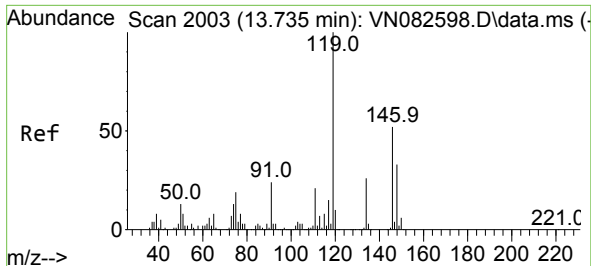
Tgt Ion:105 Resp: 1608
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.253 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

Tgt Ion:119 Resp: 1324
 Ion Ratio Lower Upper
 119 100
 134 12.9 13.0 39.0#
 91 31.6 12.3 36.9

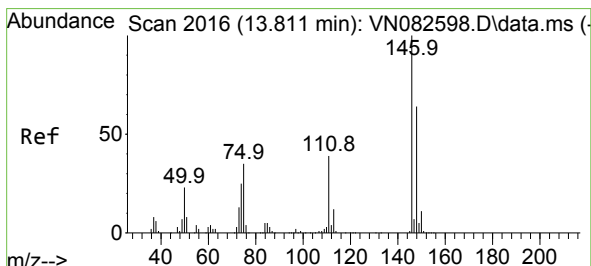
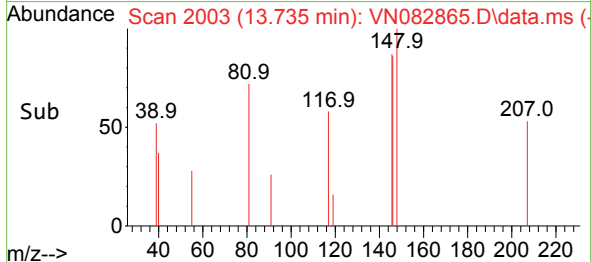
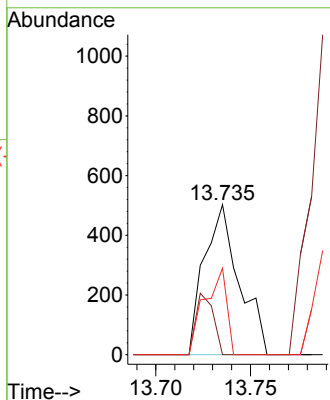
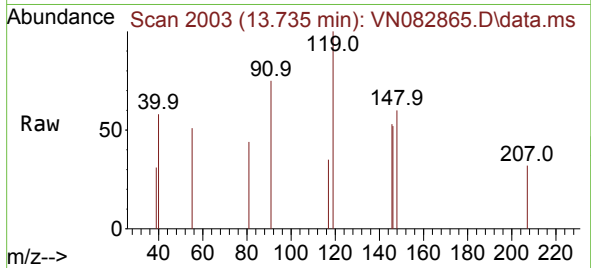




#87
 1,3-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

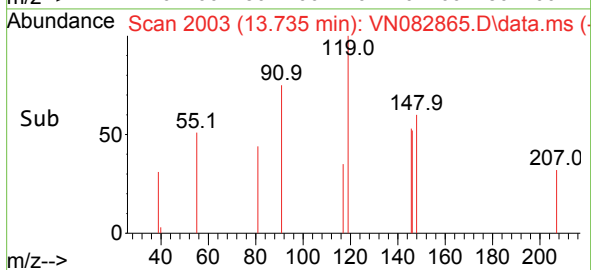
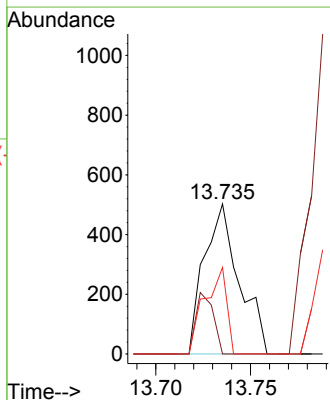
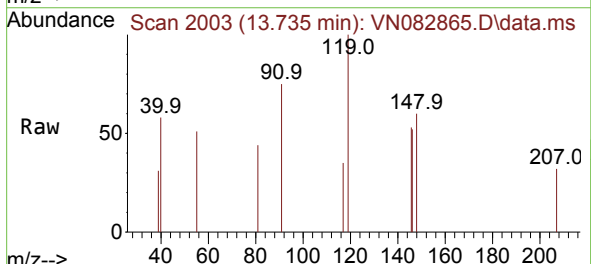
Instrument :
 MSVOA_N
 ClientSampleId :

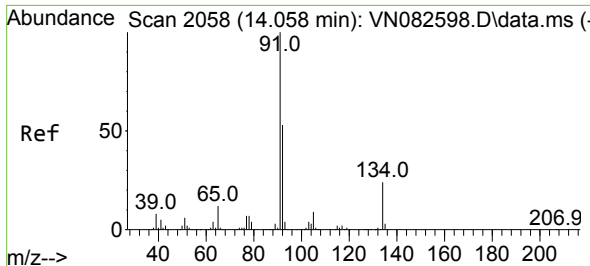
Tgt Ion:146 Resp: 646
 Ion Ratio Lower Upper
 146 100
 111 20.3 20.6 61.9#
 148 36.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.076 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

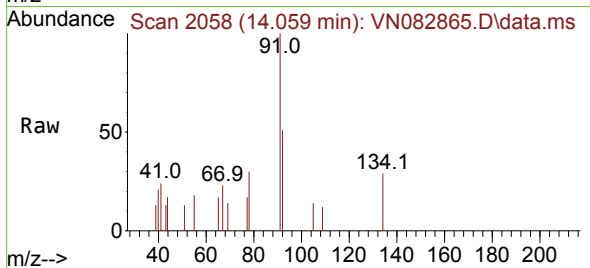
Tgt Ion:146 Resp: 646
 Ion Ratio Lower Upper
 146 100
 111 20.3 20.1 60.3
 148 36.2 32.2 96.6



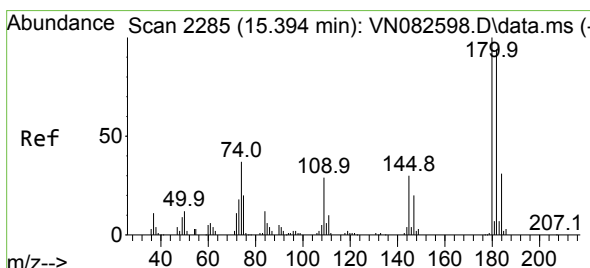
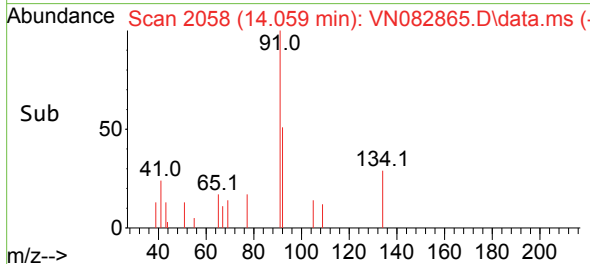
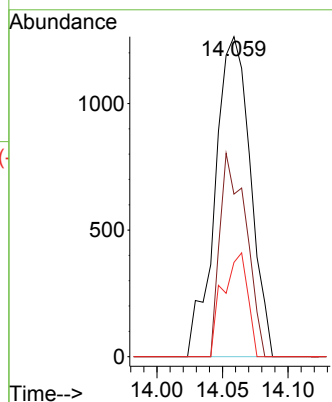


#89
n-Butylbenzene
Concen: 0.527 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

Instrument :
MSVOA_N
ClientSampleId :

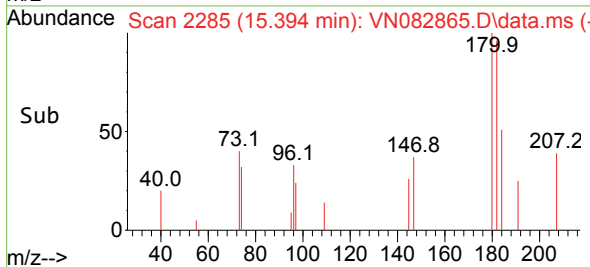
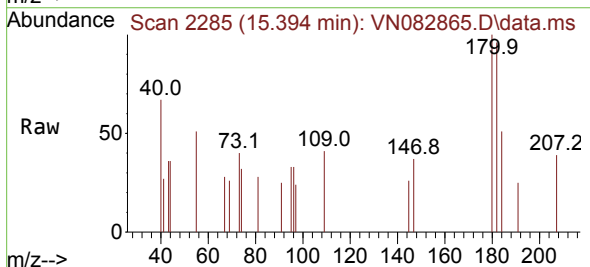
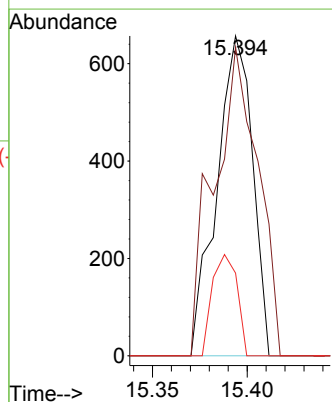


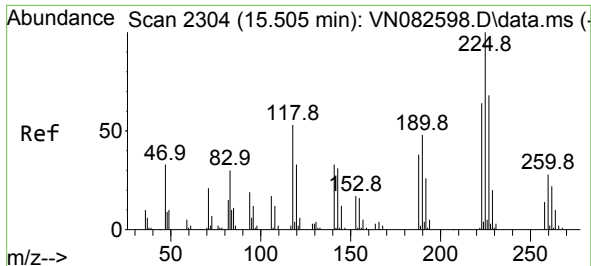
Tgt Ion: 91 Resp: 2361
Ion Ratio Lower Upper
91 100
92 47.1 26.1 78.3
134 22.8 12.1 36.3



#93
1,2,4-Trichlorobenzene
Concen: 0.549 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

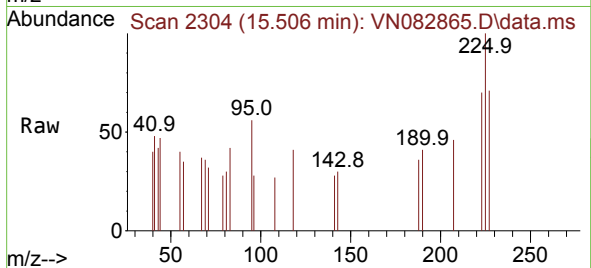
Tgt Ion: 180 Resp: 865
Ion Ratio Lower Upper
180 100
182 118.0 47.3 141.8
145 22.0 15.7 47.1



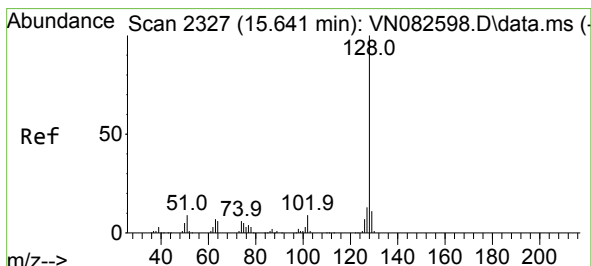
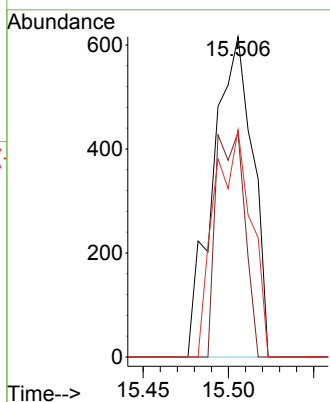
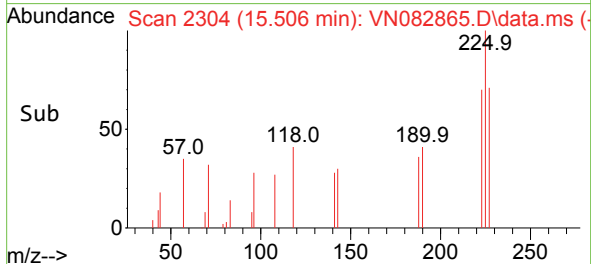


#94
Hexachlorobutadiene
Concen: 1.427 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32

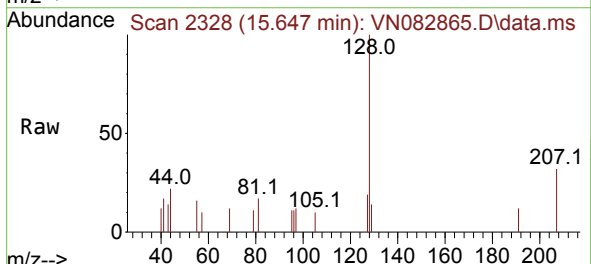
Instrument :
MSVOA_N
ClientSampleId :



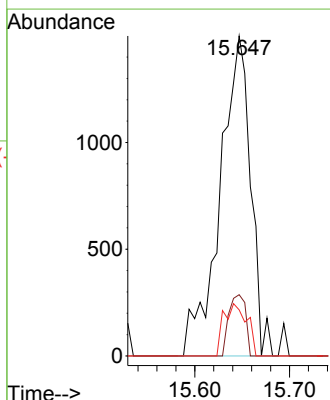
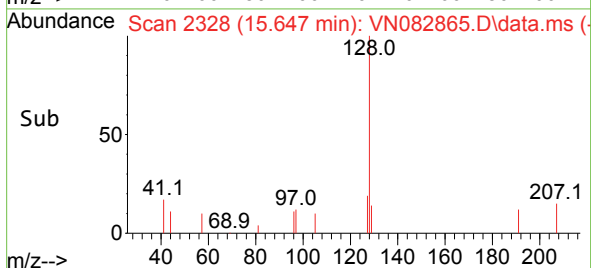
Tgt Ion:225 Resp: 997
Ion Ratio Lower Upper
225 100
223 50.6 31.9 95.7
227 65.8 32.5 97.5

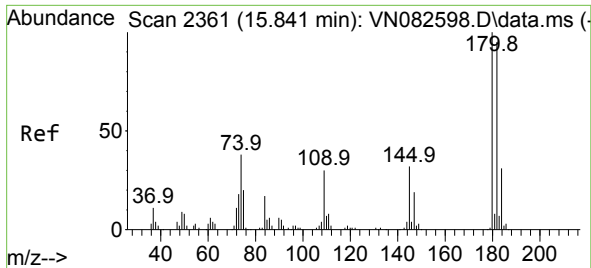


#95
Naphthalene
Concen: 0.624 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN082865.D
Acq: 11 Jul 2024 10:32



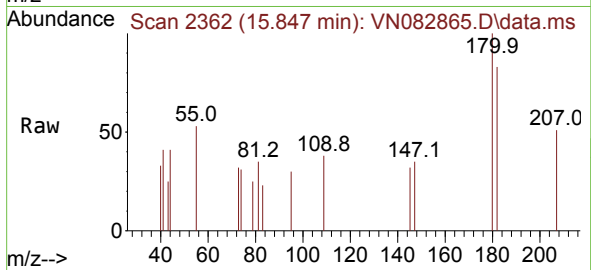
Tgt Ion:128 Resp: 3370
Ion Ratio Lower Upper
128 100
127 10.4 10.6 16.0#
129 12.4 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.780 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN082865.D
 Acq: 11 Jul 2024 10:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1265
 Ion Ratio Lower Upper
 180 100
 182 90.0 48.9 146.8
 145 28.9 16.8 50.4

