

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084221.D
 Acq On : 30 Sep 2024 16:11
 Operator : JC\MD
 Sample : VN0930MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBL01

Quant Time: Oct 01 07:14:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

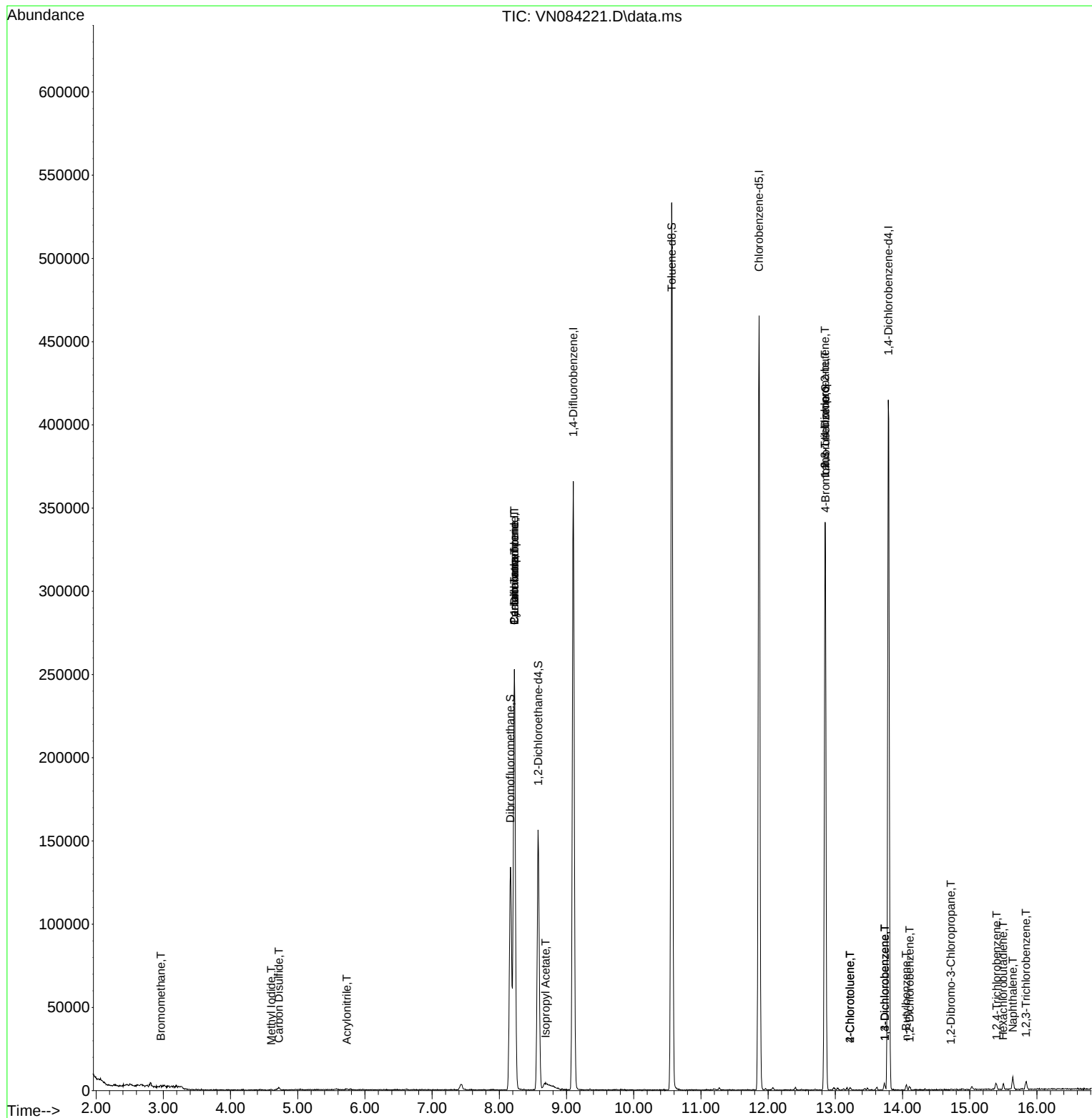
Internal Standards						
1) Pentafluorobenzene	8.224	168	174141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125489	48.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.200%		
35) Dibromofluoromethane	8.165	113	97621	48.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.720%		
50) Toluene-d8	10.565	98	364088	49.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.853	95	123830	46.240	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	627	0.417	ug/l	92
10) Methyl Iodide	4.606	142	602	0.230	ug/l #	40
15) Acrylonitrile	5.730	53	532	0.495	ug/l #	37
17) Carbon Disulfide	4.718	76	3001	0.483	ug/l #	75
31) Cyclohexane	8.224	56	4491	1.174	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	15614	5.380	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18908	5.939	ug/l #	11
43) Isopropyl Acetate	8.688	43	4104	0.704	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	64622	28.790	ug/l #	1
79) 2-Chlorotoluene	13.218	91	1320	0.213	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.847	75	64622	69.023	ug/l #	11
82) 4-Chlorotoluene	13.218	91	1320	0.211	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	1132	0.298	ug/l	88
88) 1,4-Dichlorobenzene	13.735	146	1132	0.295	ug/l	87
89) n-Butylbenzene	14.053	91	2115	0.348	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	1168	0.314	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	163	0.313	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.400	180	1721	0.939	ug/l	97
94) Hexachlorobutadiene	15.494	225	910	0.995	ug/l	76
95) Naphthalene	15.641	128	7246	1.192	ug/l	95
96) 1,2,3-Trichlorobenzene	15.835	180	2047	1.115	ug/l	99

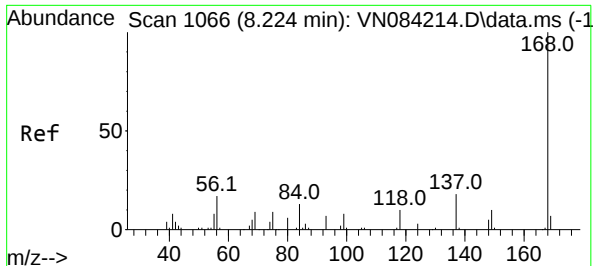
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
Data File : VN084221.D
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

Quant Time: Oct 01 07:14:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

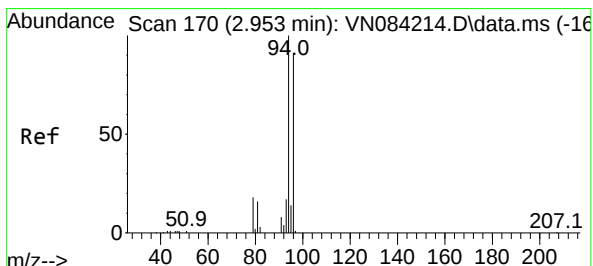
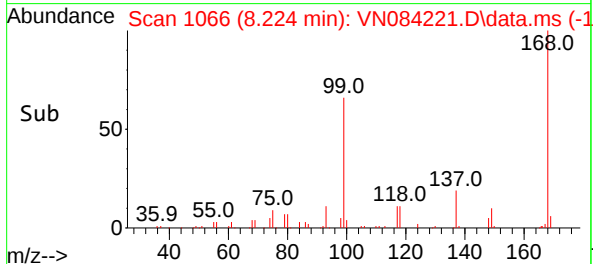
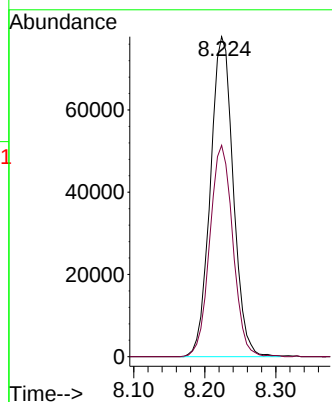
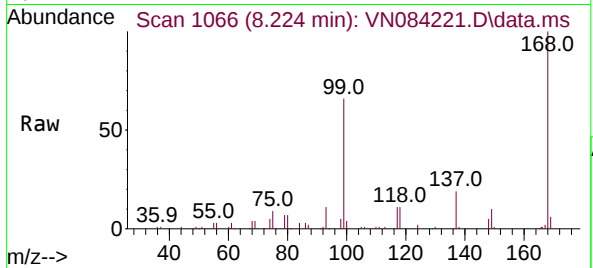




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

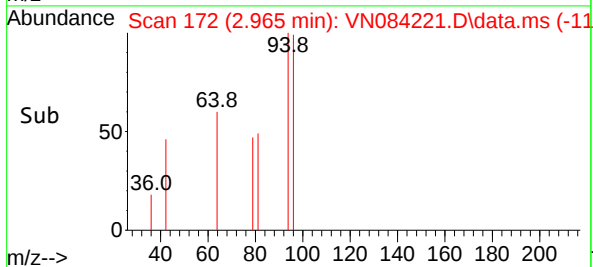
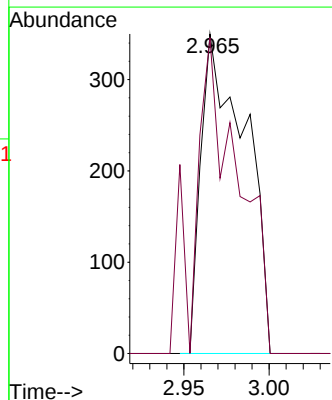
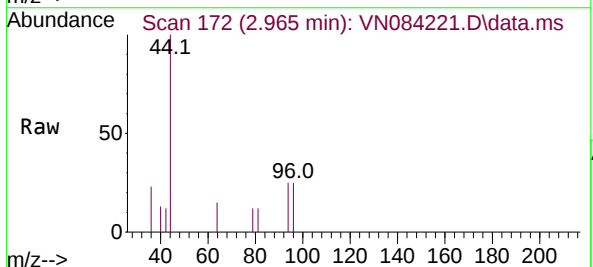
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

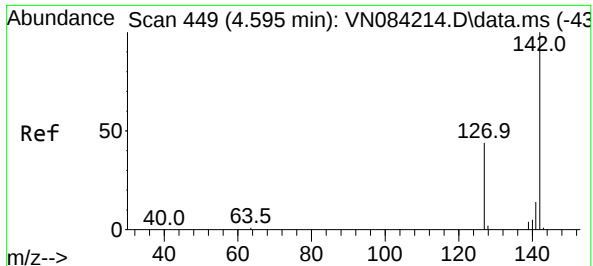
Tgt Ion:168 Resp: 174141
Ion Ratio Lower Upper
168 100
99 66.1 54.2 81.2



#5
Bromomethane
Concen: 0.417 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 98.9 72.9 109.3

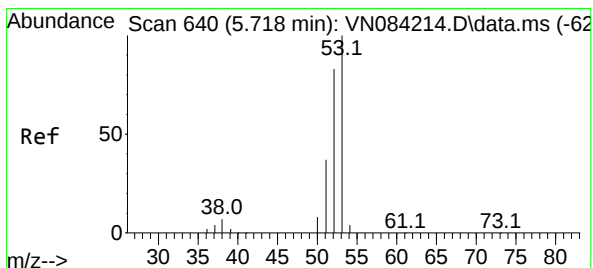
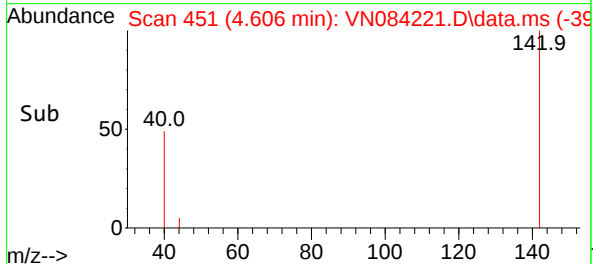
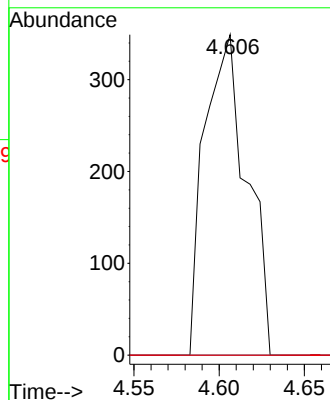
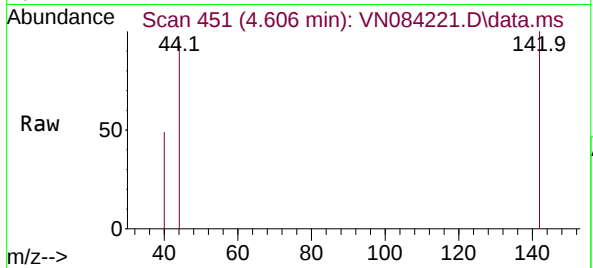




#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 4.606 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

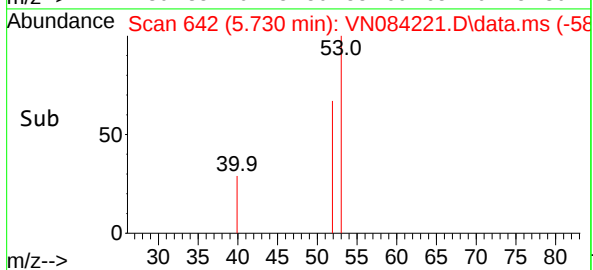
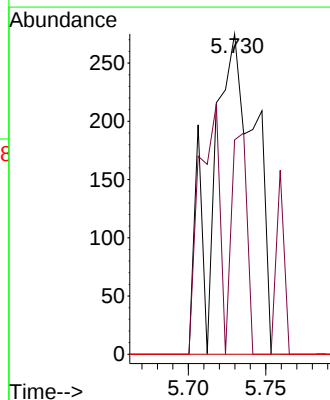
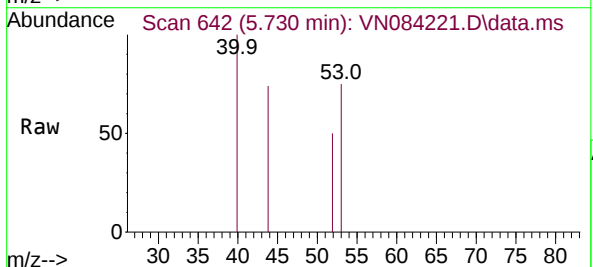
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

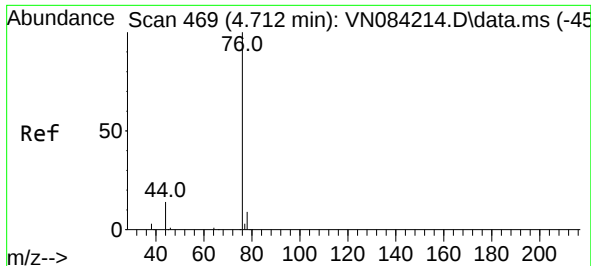
Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#



#15
Acrylonitrile
Concen: 0.495 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 53 Resp: 532
Ion Ratio Lower Upper
53 100
52 24.8 66.2 99.4#
51 0.0 28.8 43.2#

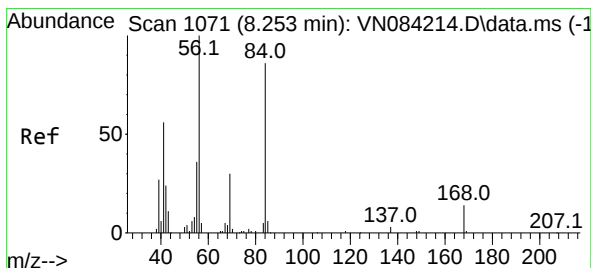
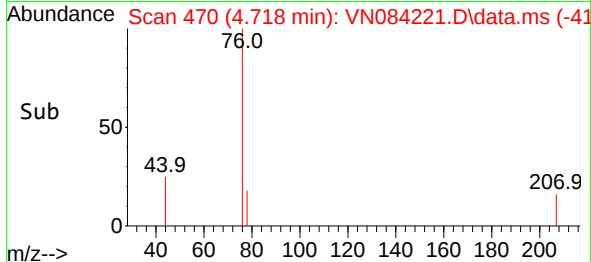
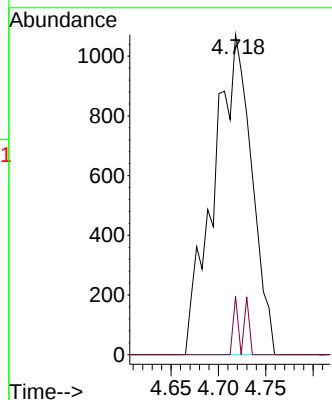
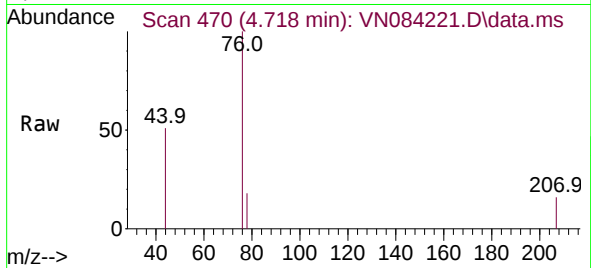




#17
Carbon Disulfide
Concen: 0.483 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

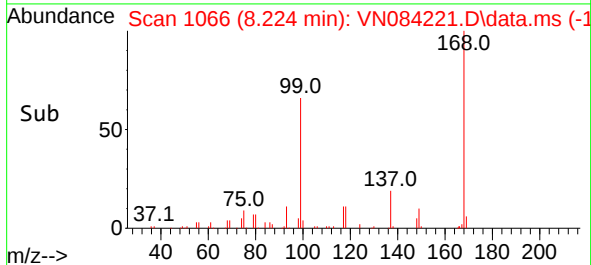
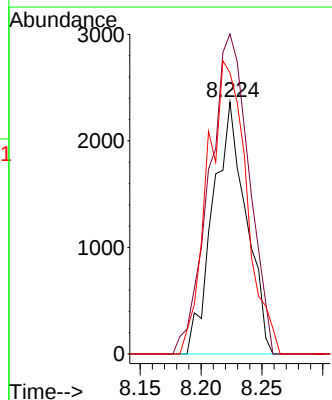
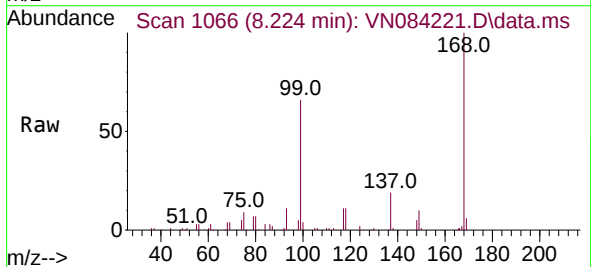
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

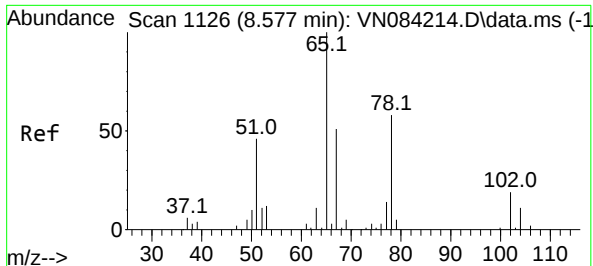
Tgt Ion: 76 Resp: 3001
Ion Ratio Lower Upper
76 100
78 18.2 7.3 10.9#



#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 56 Resp: 4491
Ion Ratio Lower Upper
56 100
69 127.1 23.8 35.6#
84 111.6 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.602 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084221.D

Acq: 30 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

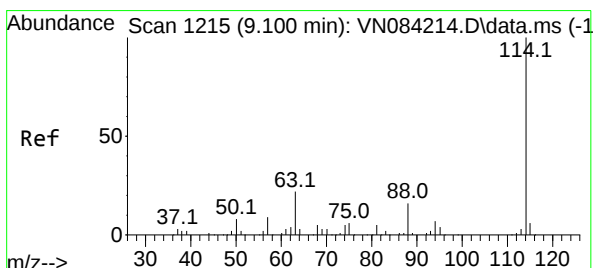
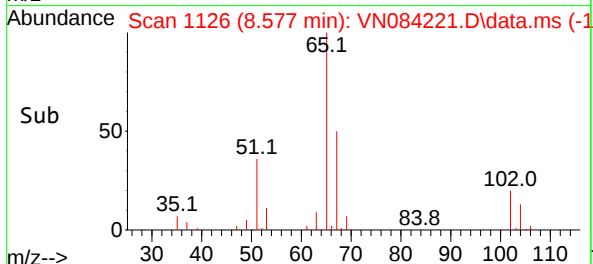
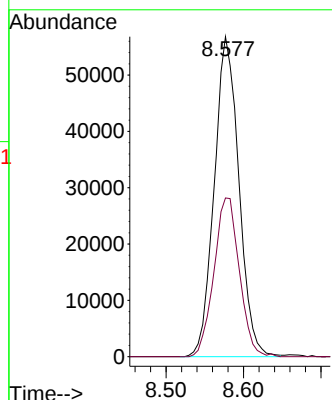
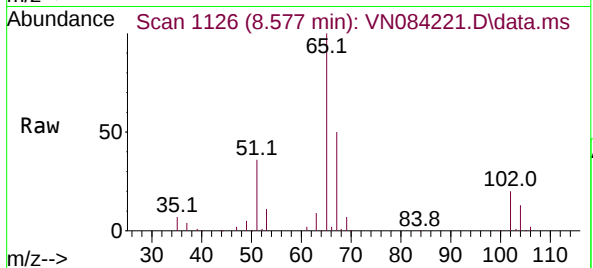
VN0930MBL01

Tgt Ion: 65 Resp: 125489

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084221.D

Acq: 30 Sep 2024 16:11

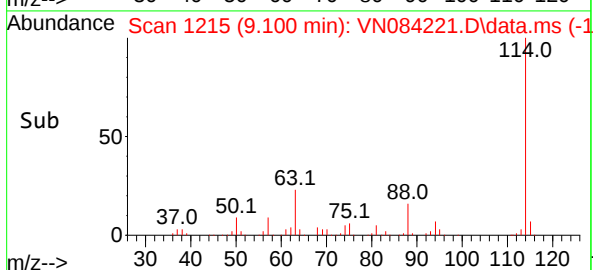
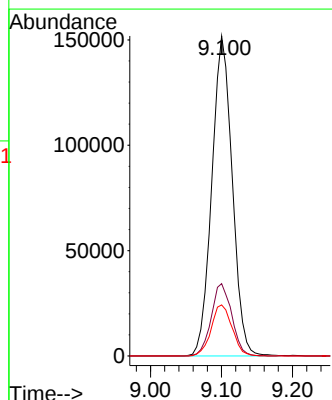
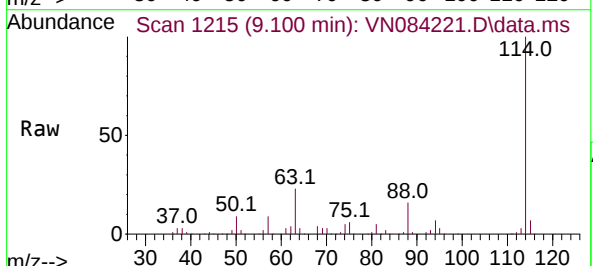
Tgt Ion: 114 Resp: 303068

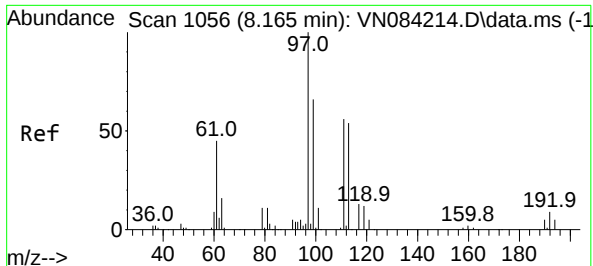
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

88 15.9 0.0 31.6

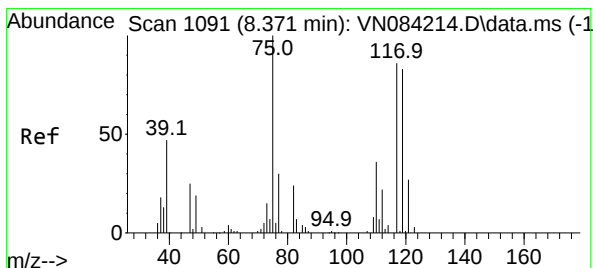
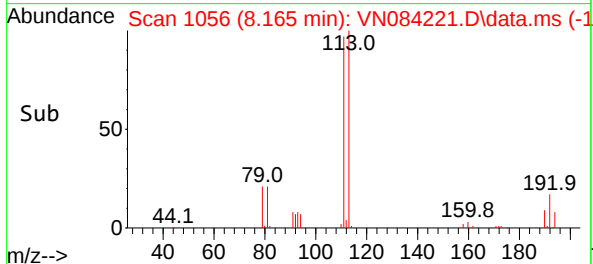
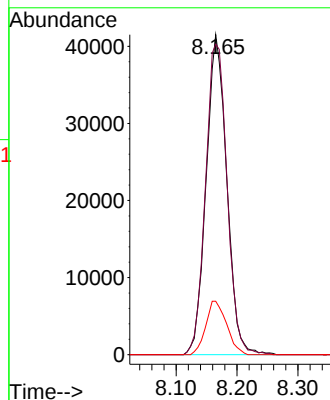
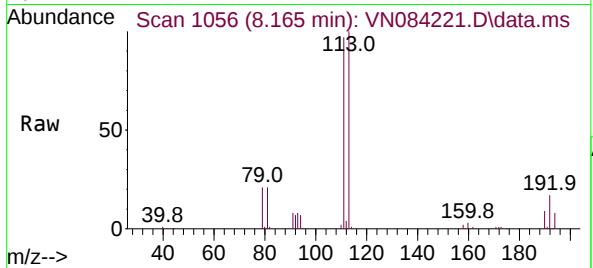




#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

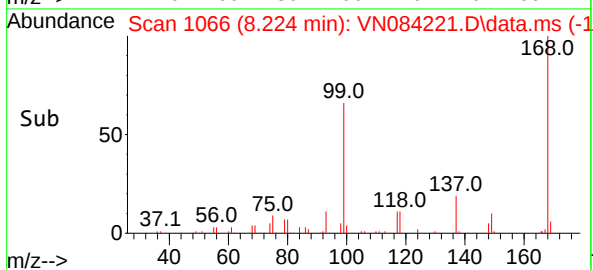
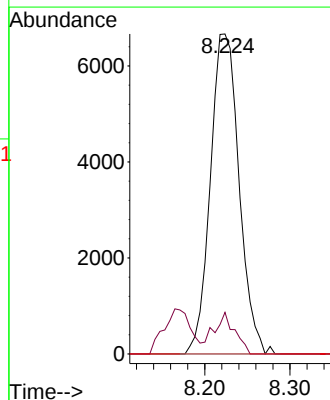
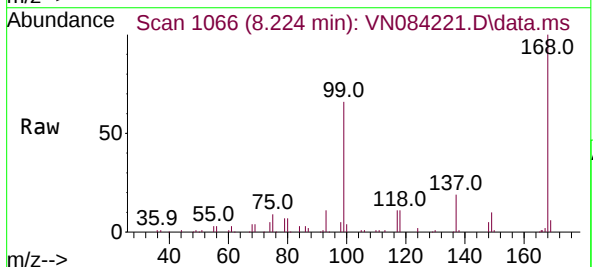
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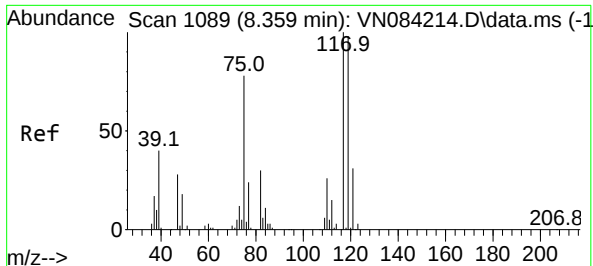
Tgt Ion:113 Resp: 97621
Ion Ratio Lower Upper
113 100
111 101.8 83.3 124.9
192 16.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.380 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

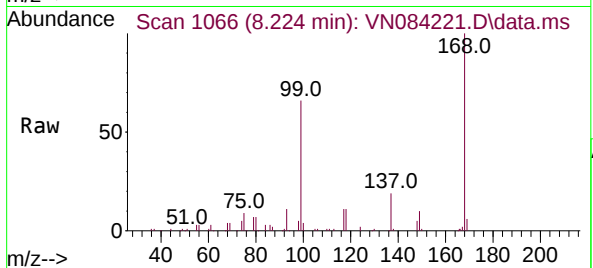
Tgt Ion: 75 Resp: 15614
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.7#
77 0.0 24.7 37.1#



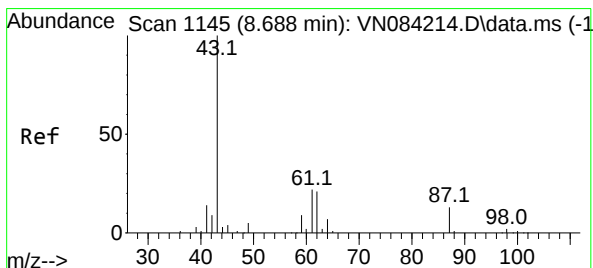
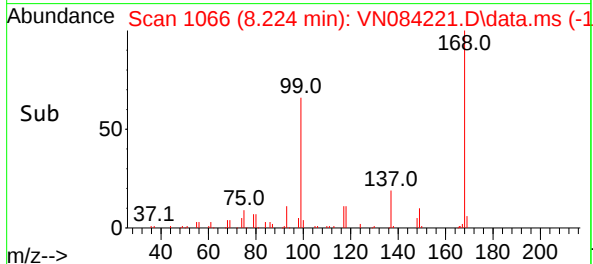
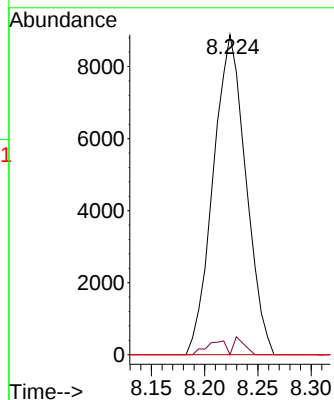


#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Instrument :
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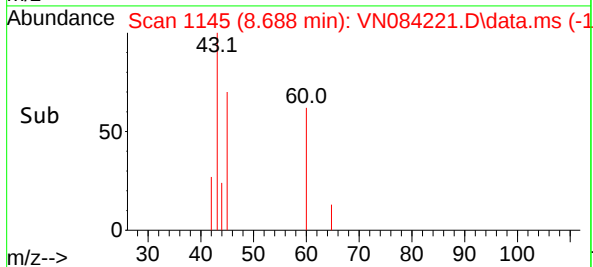
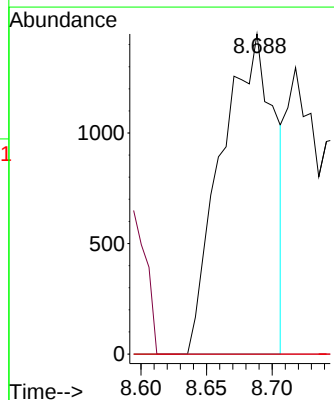
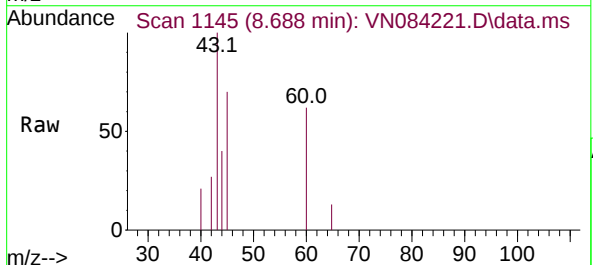


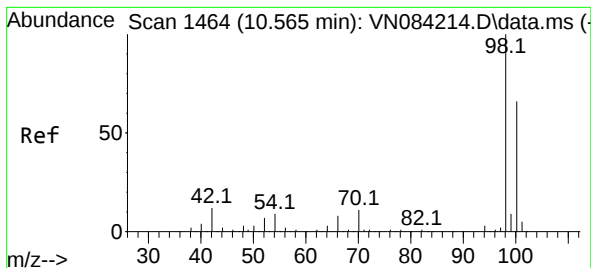
Tgt Ion: 117 Resp: 18908
Ion Ratio Lower Upper
117 100
119 0.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.704 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 43 Resp: 4104
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

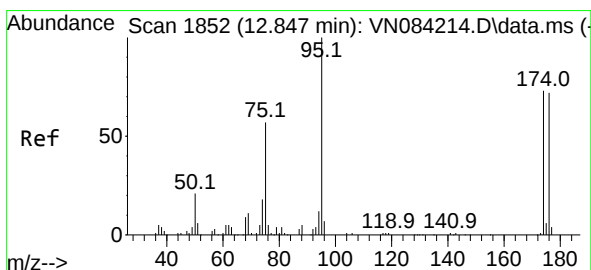
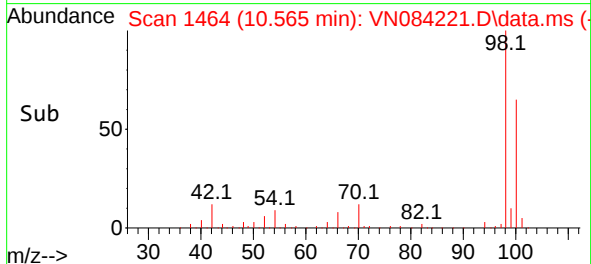
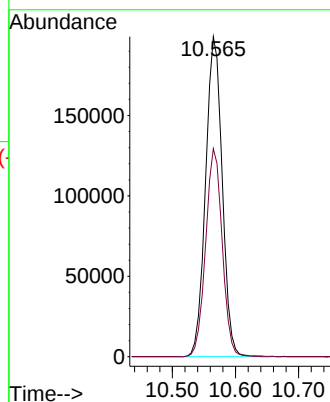
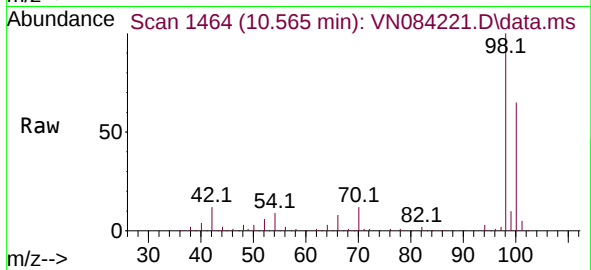




#50
Toluene-d8
Concen: 49.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

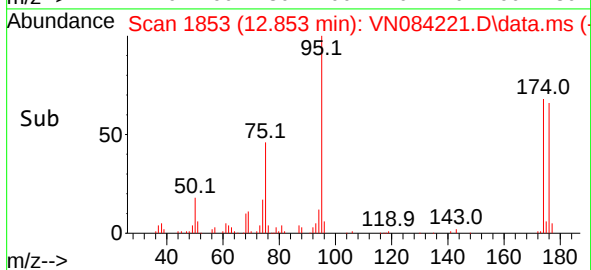
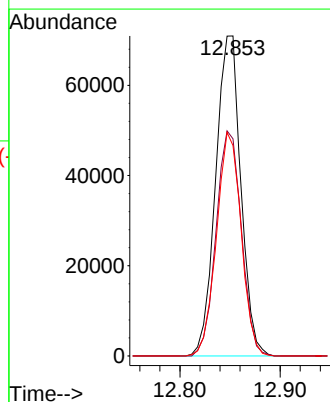
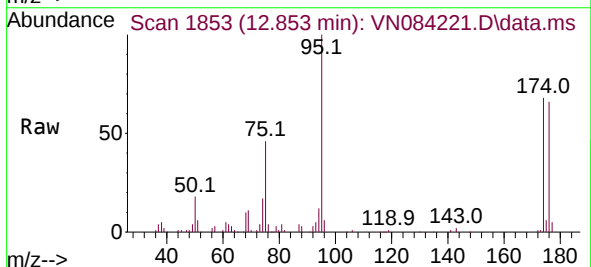
Instrument :
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VN0930MBL01

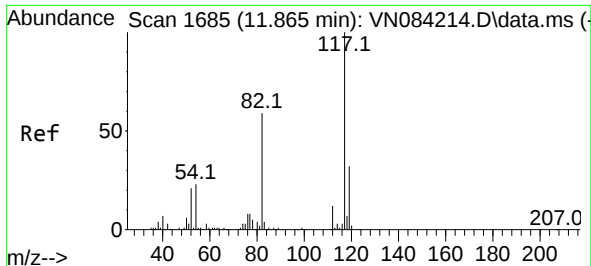
Tgt Ion: 98 Resp: 364088
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.240 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 95 Resp: 123830
Ion Ratio Lower Upper
95 100
174 70.5 0.0 145.2
176 68.2 0.0 140.0

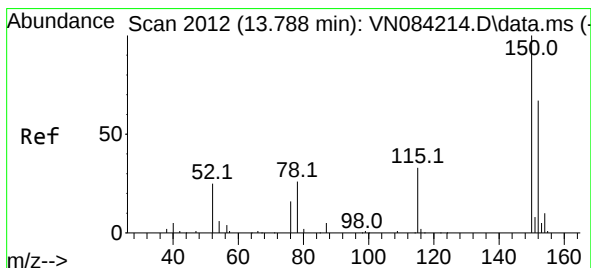
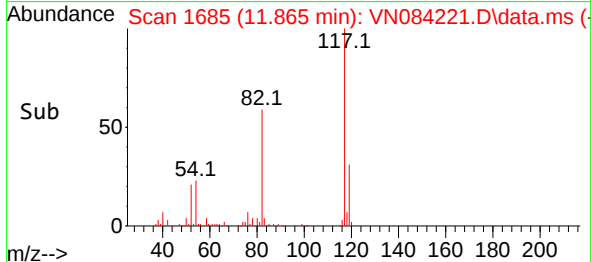
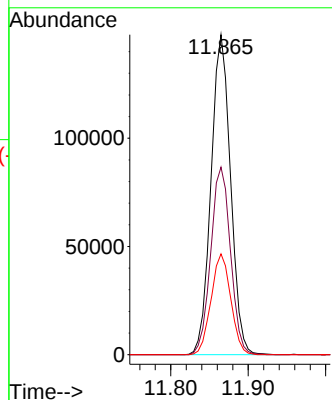
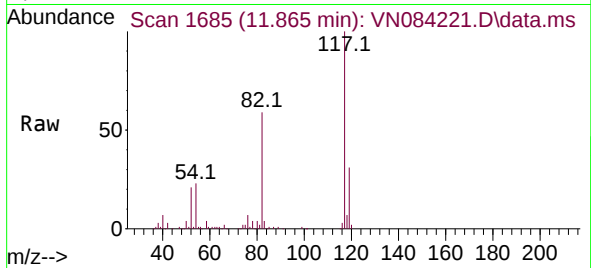




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

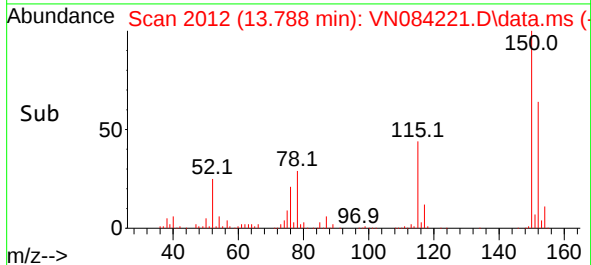
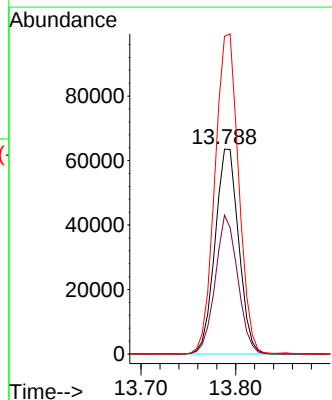
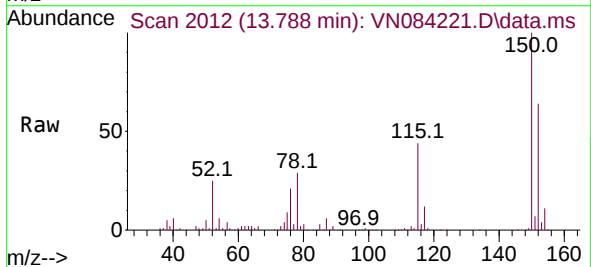
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

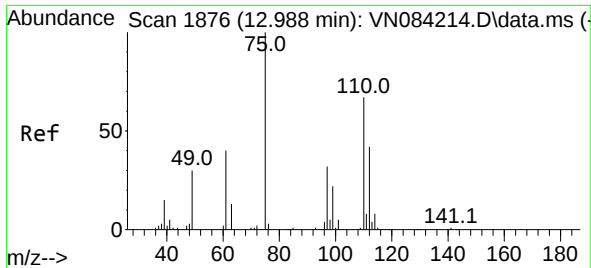
Tgt Ion:117 Resp: 259293
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion:152 Resp: 109947
Ion Ratio Lower Upper
152 100
115 64.5 31.3 93.9
150 157.1 0.0 349.8

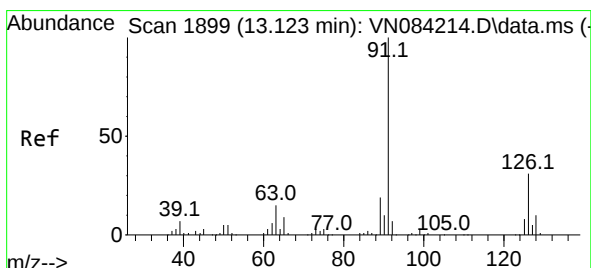
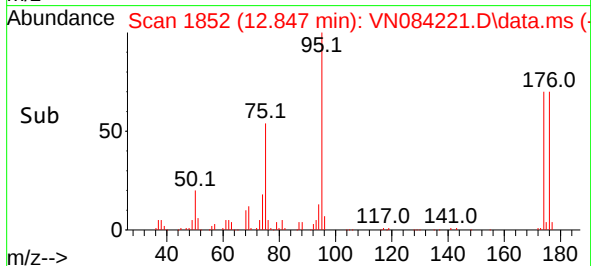
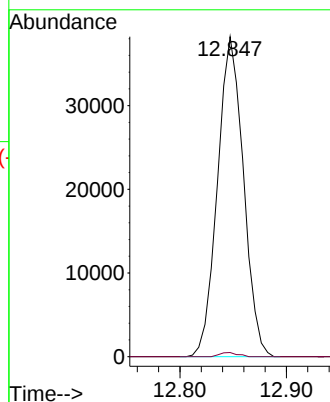
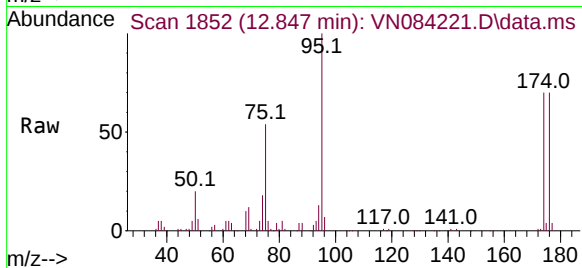




#76
1,2,3-Trichloropropane
Concen: 28.790 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

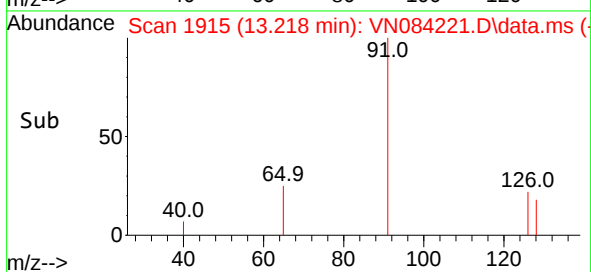
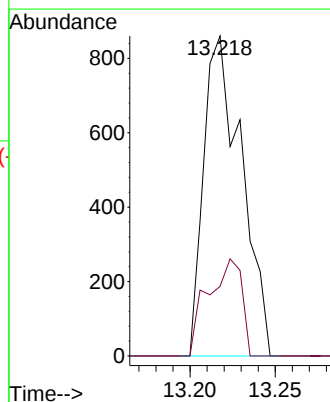
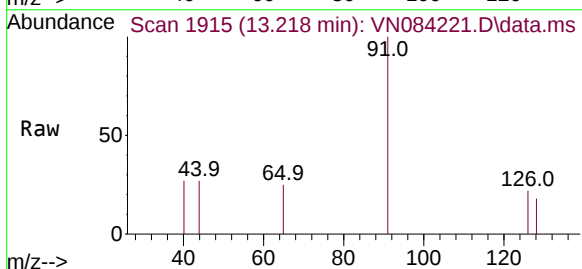
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

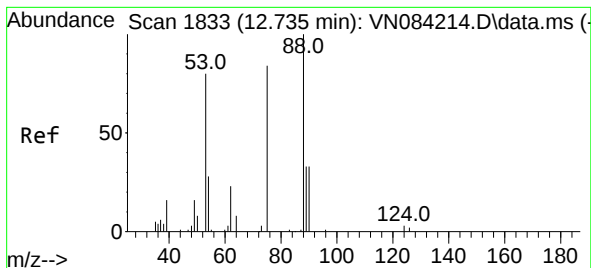
Tgt Ion: 75 Resp: 64622
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#79
2-Chlorotoluene
Concen: 0.213 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 91 Resp: 1320
Ion Ratio Lower Upper
91 100
126 27.3 15.7 47.1

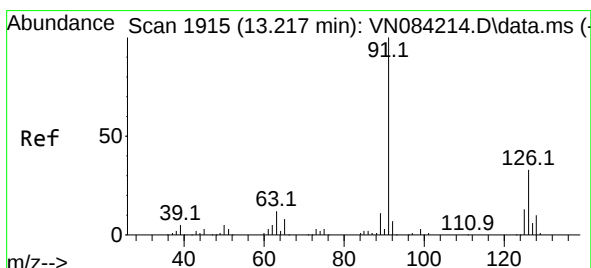
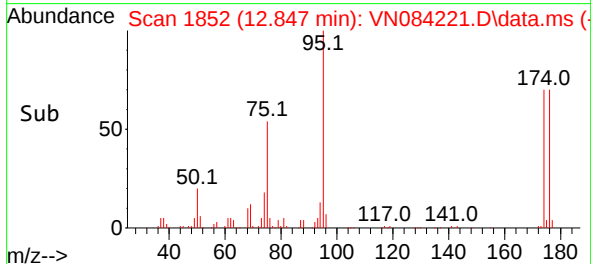
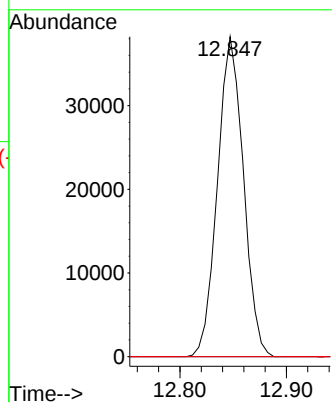
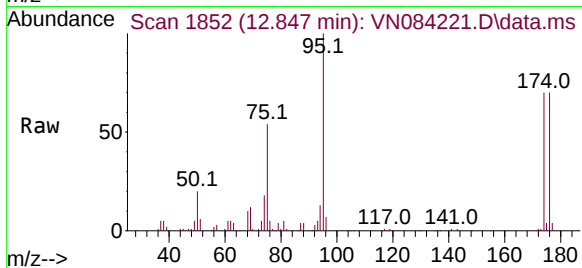




#81
trans-1,4-Dichloro-2-butene
Concen: 69.023 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

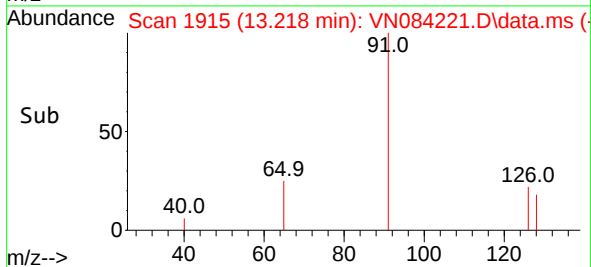
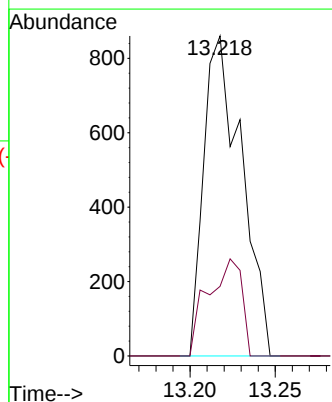
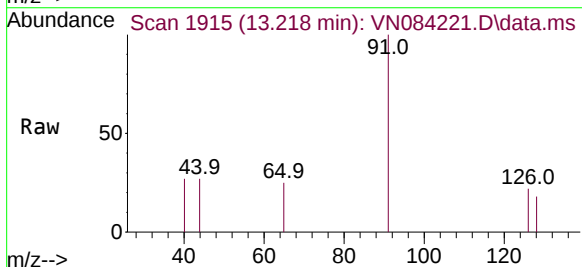
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

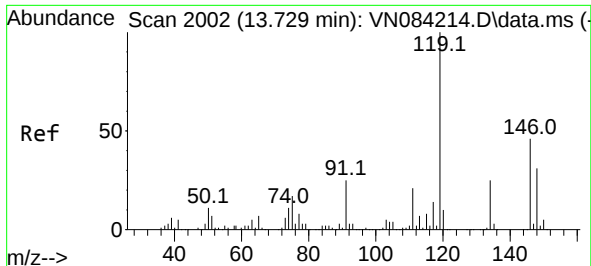
Tgt Ion: 75 Resp: 64622
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.211 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion: 91 Resp: 1320
Ion Ratio Lower Upper
91 100
126 27.3 15.7 47.1





#87

1,3-Dichlorobenzene

Concen: 0.298 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084221.D

Acq: 30 Sep 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0930MBL01

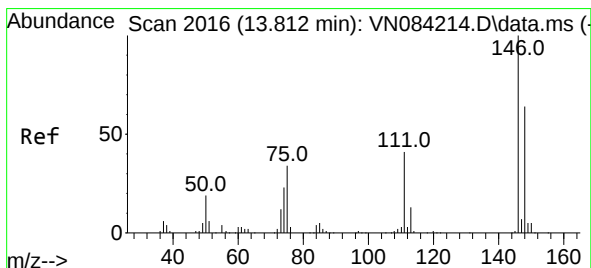
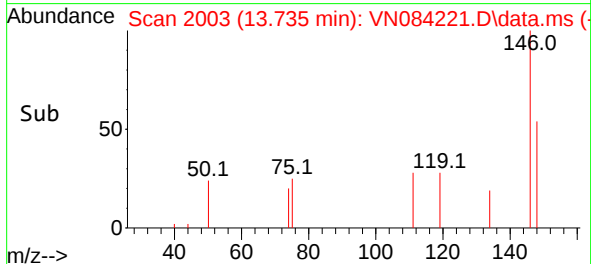
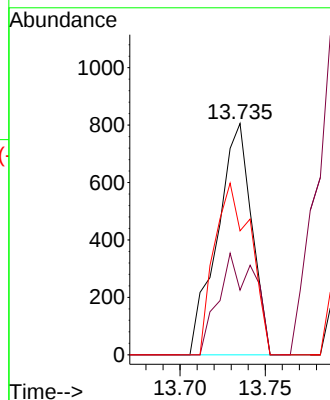
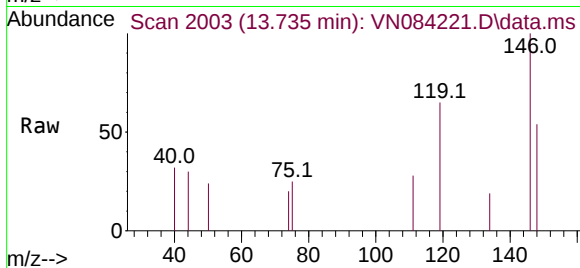
Tgt Ion:146 Resp: 1132

Ion Ratio Lower Upper

146 100

111 45.8 21.8 65.3

148 77.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.295 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.076 min

Lab File: VN084221.D

Acq: 30 Sep 2024 16:11

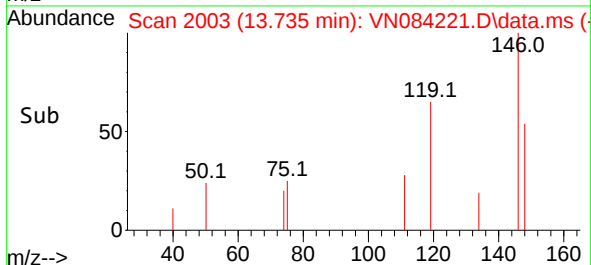
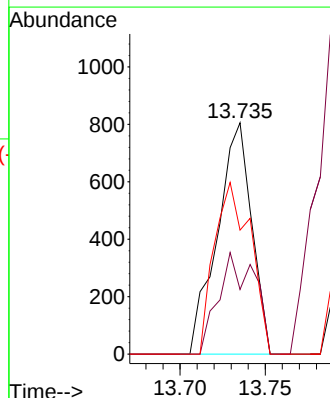
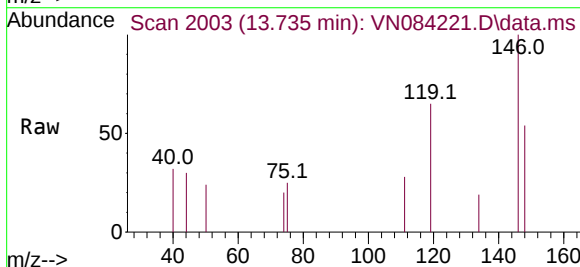
Tgt Ion:146 Resp: 1132

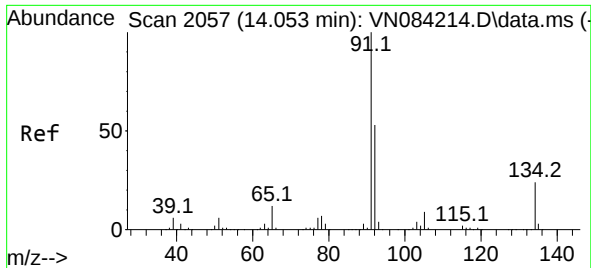
Ion Ratio Lower Upper

146 100

111 45.8 21.2 63.6

148 77.9 31.9 95.9

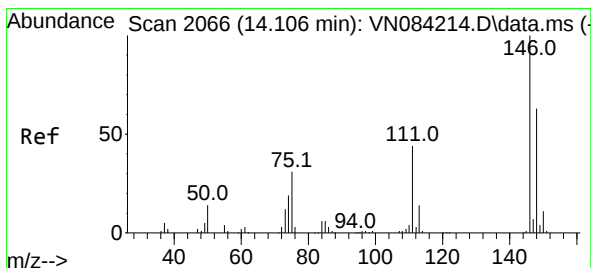
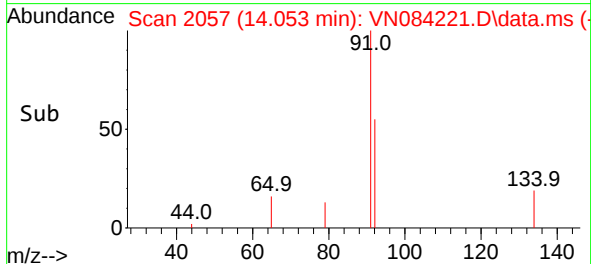
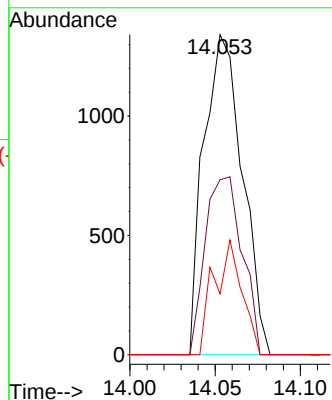
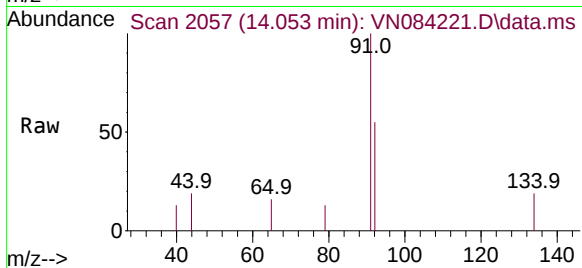




#89
n-Butylbenzene
Concen: 0.348 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

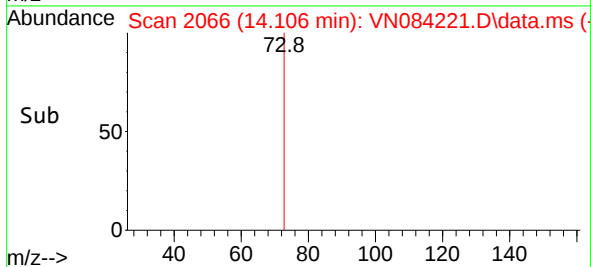
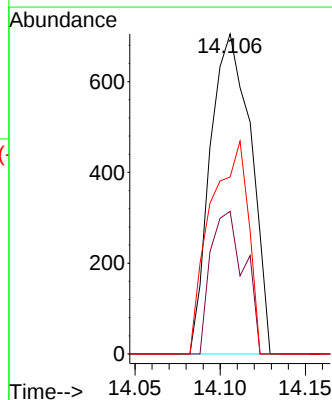
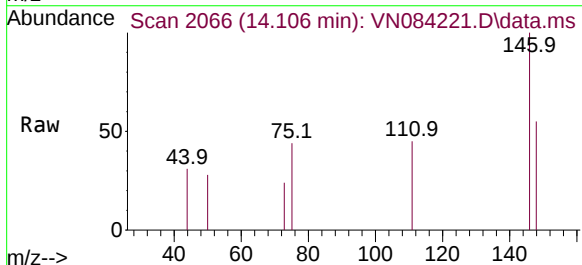
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

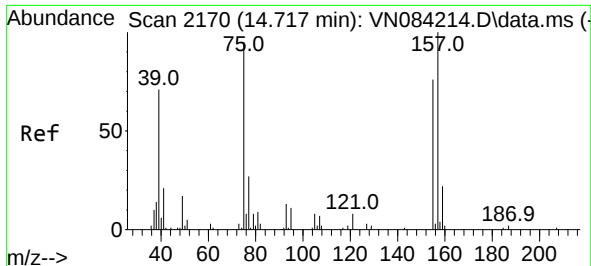
Tgt Ion:	91	Resp:	2115
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	25.8	12.3	36.9



#91
1,2-Dichlorobenzene
Concen: 0.314 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

Tgt Ion:	146	Resp:	1168
Ion	Ratio	Lower	Upper
146	100		
111	37.1	22.0	66.0
148	61.7	32.1	96.3

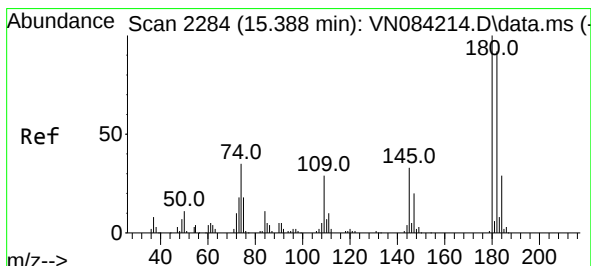
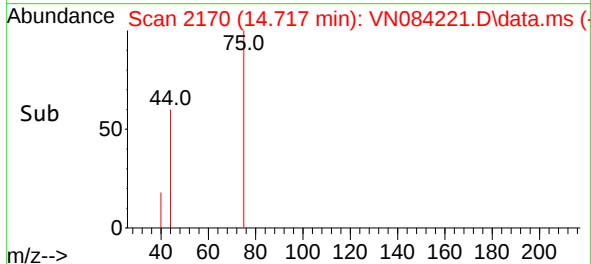
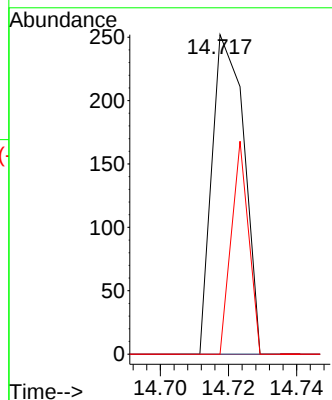
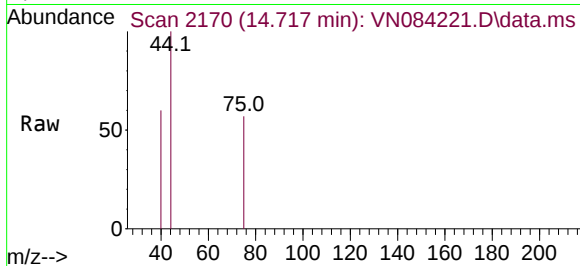




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.313 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN084221.D
 Acq: 30 Sep 2024 16:11

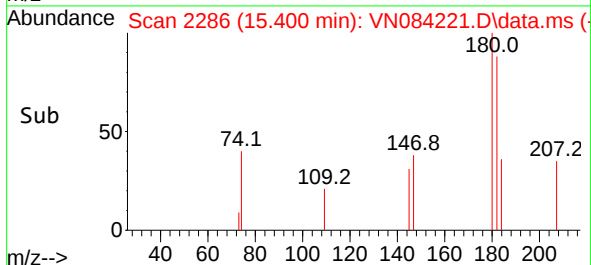
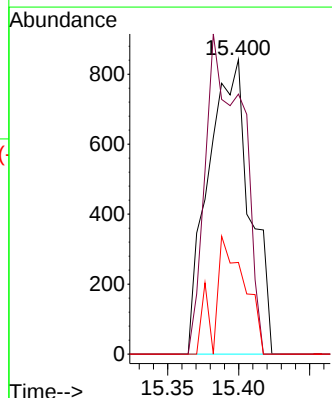
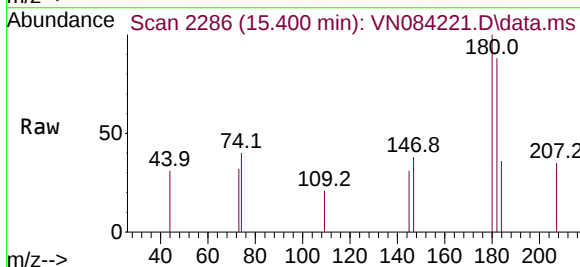
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBL01

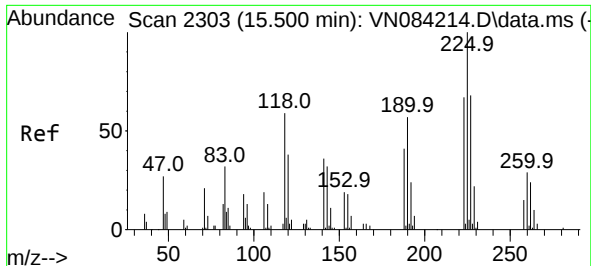
Tgt Ion: 75 Resp: 163
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 36.2 49.6 149.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.939 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. 0.012 min
 Lab File: VN084221.D
 Acq: 30 Sep 2024 16:11

Tgt Ion: 180 Resp: 1721
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.0
 145 28.8 16.4 49.4

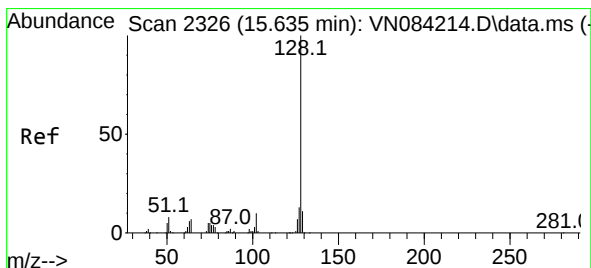
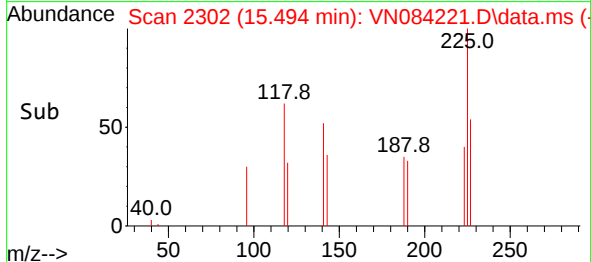
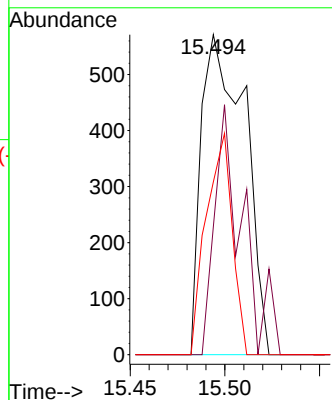
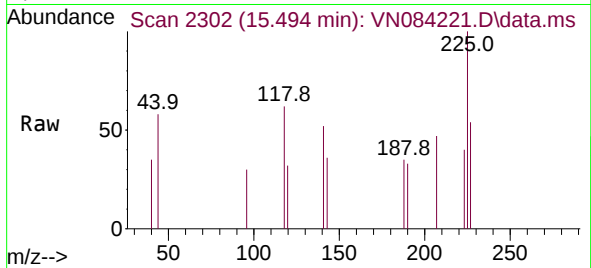




#94
Hexachlorobutadiene
Concen: 0.995 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

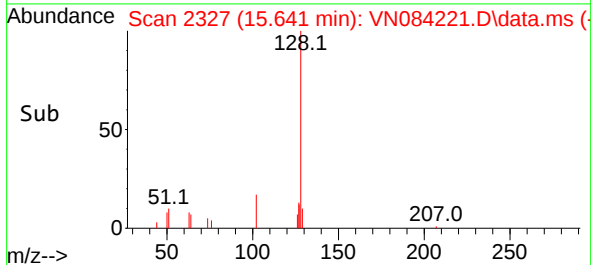
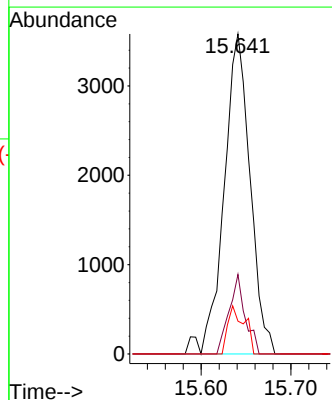
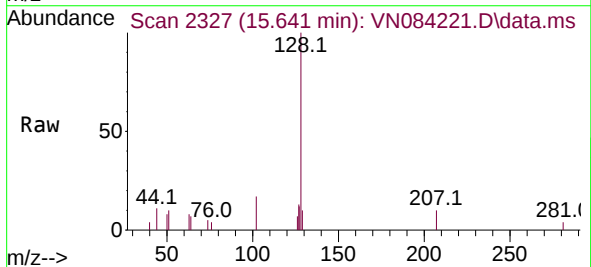
Instrument :
MSVOA_N
ClientSampleId :
VN0930MBL01

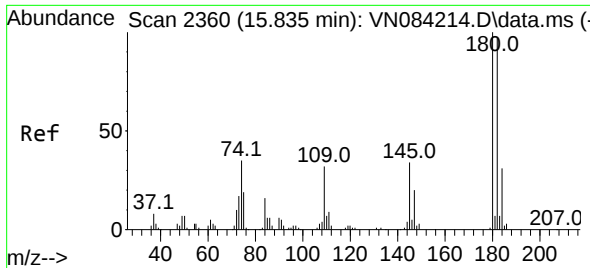
Tgt Ion:225 Resp: 910
Ion Ratio Lower Upper
225 100
223 50.3 32.4 97.2
227 41.5 32.4 97.0



#95
Naphthalene
Concen: 1.192 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084221.D
Acq: 30 Sep 2024 16:11

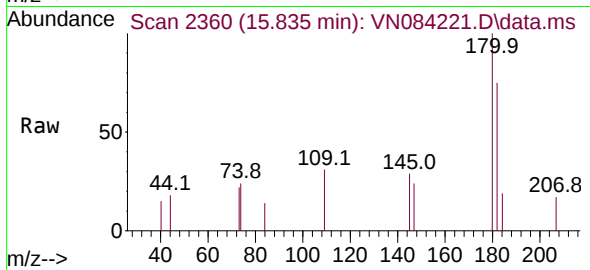
Tgt Ion:128 Resp: 7246
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 9.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.115 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084221.D
 Acq: 30 Sep 2024 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930MBL01



Tgt Ion:	180	Resp:	2047
Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.2	144.6
145	34.4	17.3	51.9

