

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084325.D
 Acq On : 07 Oct 2024 11:33
 Operator : JC\MD
 Sample : VN1007MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 08 03:56:34 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)

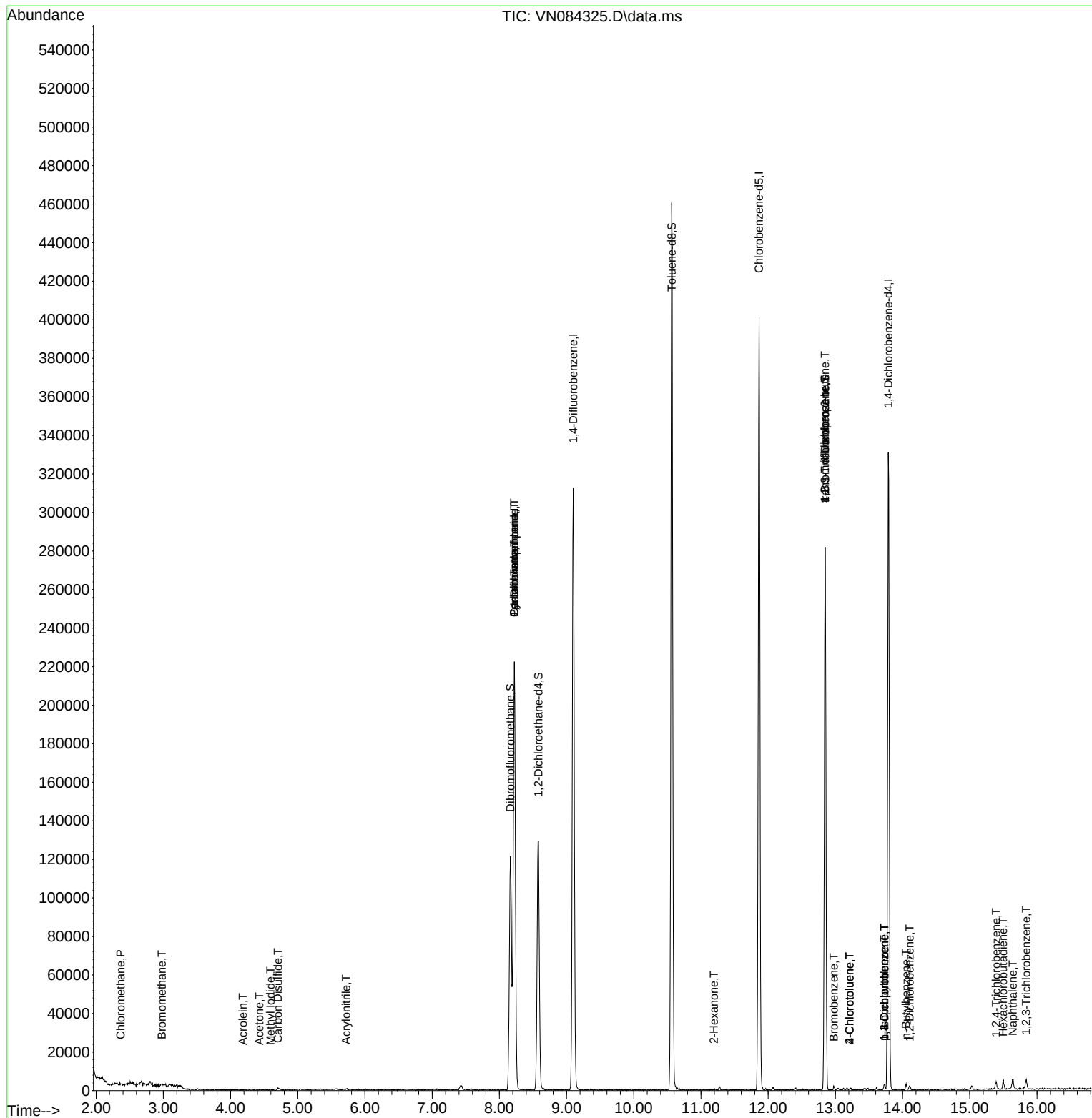
Internal Standards						
1) Pentafluorobenzene	8.224	168	154142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	111486	48.781	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.560%		
35) Dibromofluoromethane	8.165	113	88228	50.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.960%		
50) Toluene-d8	10.565	98	317446	49.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.847	95	98197	41.914	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	83.820%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	578	0.278	ug/l #	41
5) Bromomethane	2.977	94	492	0.370	ug/l #	35
10) Methyl Iodide	4.594	142	597	0.258	ug/l #	40
13) Acrolein	4.183	56	172	0.398	ug/l #	73
15) Acrylonitrile	5.718	53	375	0.394	ug/l #	65
16) Acetone	4.430	43	305	0.311	ug/l #	44
17) Carbon Disulfide	4.706	76	2428	0.442	ug/l #	66
31) Cyclohexane	8.224	56	3659	1.081	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12896	5.079	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17064	6.127	ug/l #	16
59) 2-Hexanone	11.194	43	552	0.298	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	52298	28.855	ug/l #	1
77) Bromobenzene	12.976	156	353	0.216	ug/l	75
79) 2-Chlorotoluene	13.212	91	1142	0.228	ug/l	75
81) trans-1,4-Dichloro-2-b...	12.847	75	52298	69.179	ug/l #	11
82) 4-Chlorotoluene	13.212	91	1142	0.227	ug/l	75
86) p-Isopropyltoluene	13.729	119	1140	0.210	ug/l	87
87) 1,3-Dichlorobenzene	13.729	146	1007	0.328	ug/l	86
88) 1,4-Dichlorobenzene	13.729	146	1007	0.325	ug/l	87
89) n-Butylbenzene	14.053	91	2060	0.419	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	1133	0.377	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	1518	1.025	ug/l	91
94) Hexachlorobutadiene	15.494	225	908	1.230	ug/l	89
95) Naphthalene	15.641	128	5831	1.188	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	2126	1.434	ug/l	98

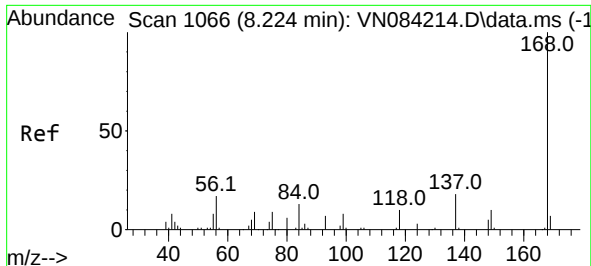
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
Data File : VN084325.D
Acq On : 07 Oct 2024 11:33
Operator : JC\MD
Sample : VN1007MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

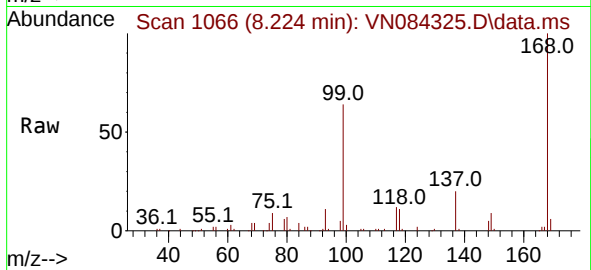
Quant Time: Oct 08 03:56:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
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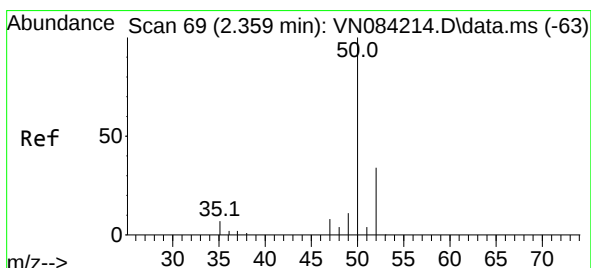
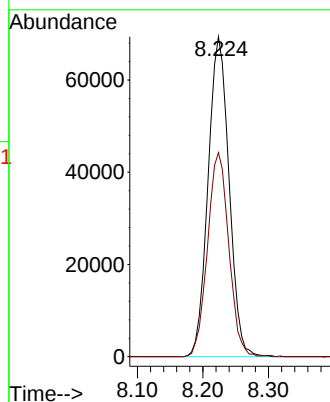
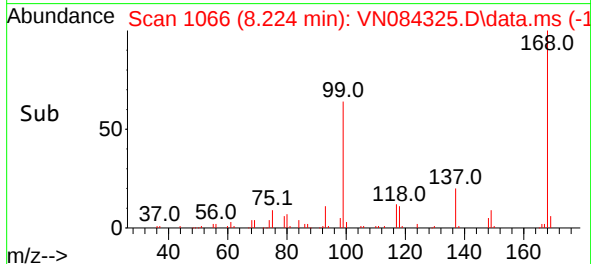


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

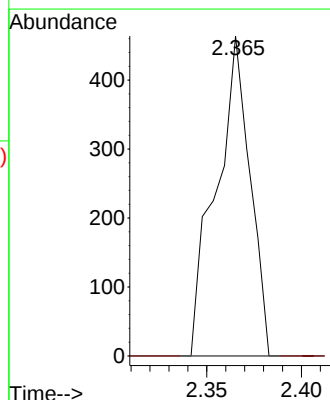
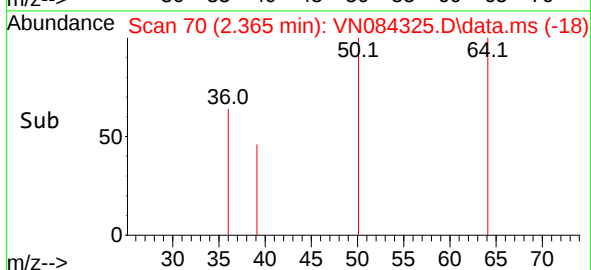
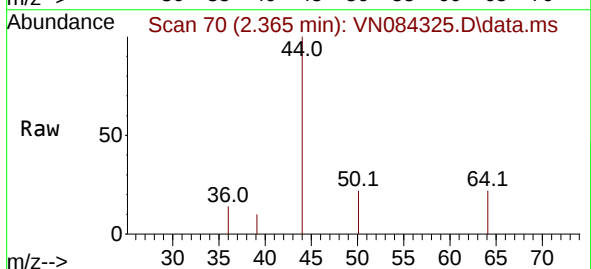


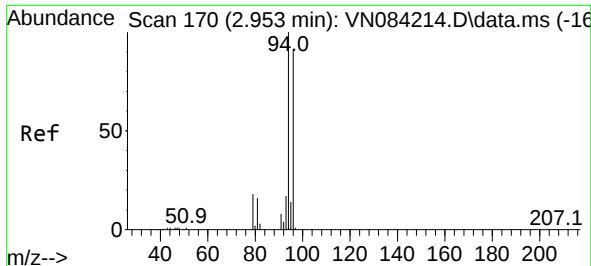
Tgt Ion:168 Resp: 154142
Ion Ratio Lower Upper
168 100
99 63.7 54.2 81.2



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

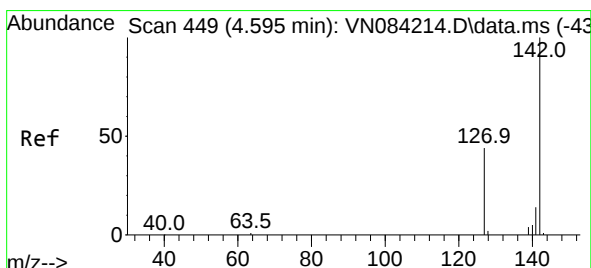
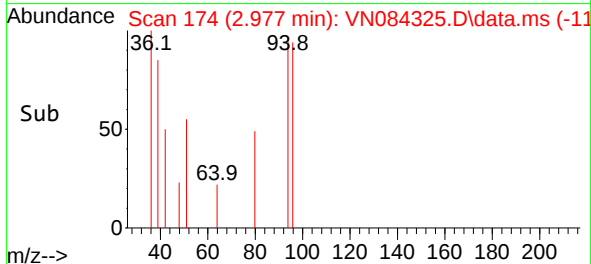
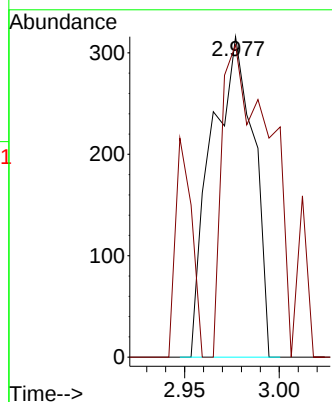
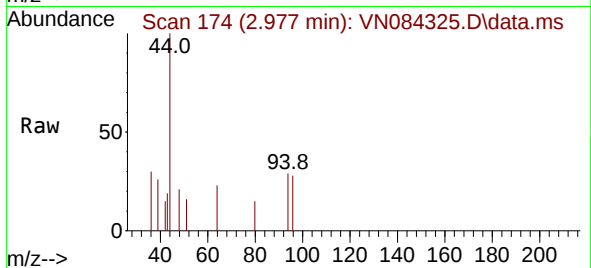




#5
Bromomethane
Concen: 0.370 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

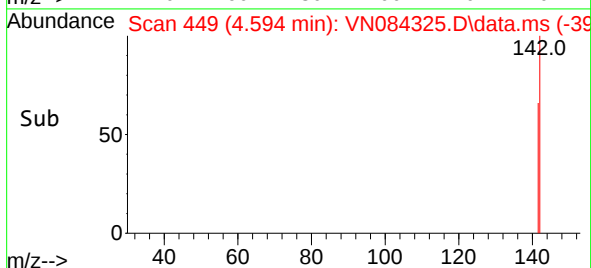
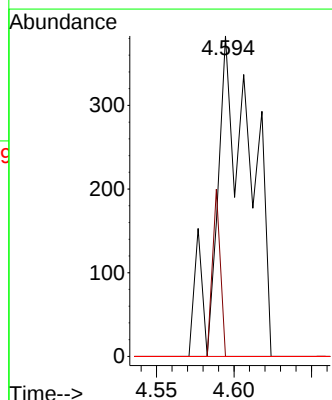
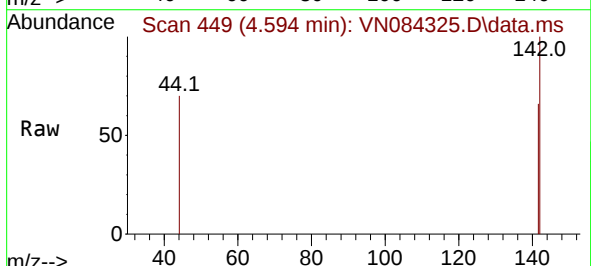
Instrument :
MSVOA_N
ClientSampleId :

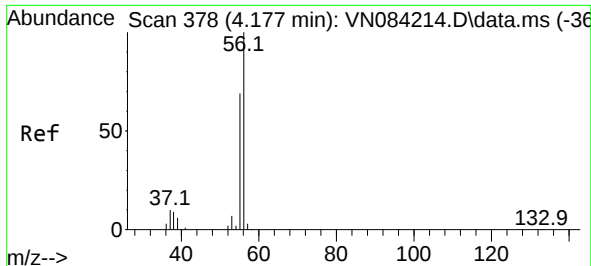
Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 29.1 72.9 109.3#



#10
Methyl Iodide
Concen: 0.258 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

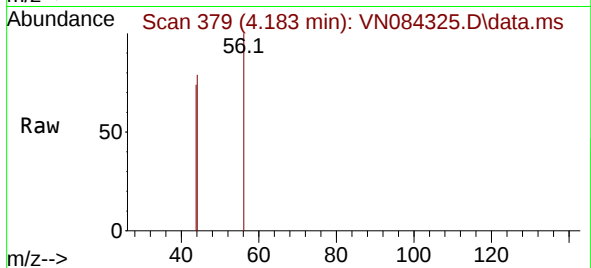
Tgt Ion: 142 Resp: 597
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#



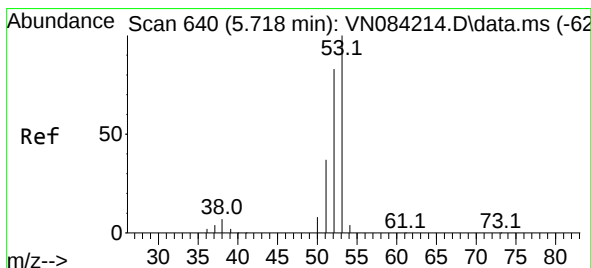
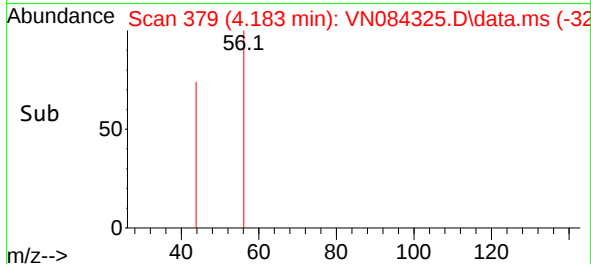
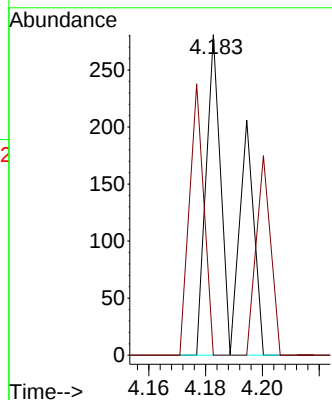


#13
Acrolein
Concen: 0.398 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

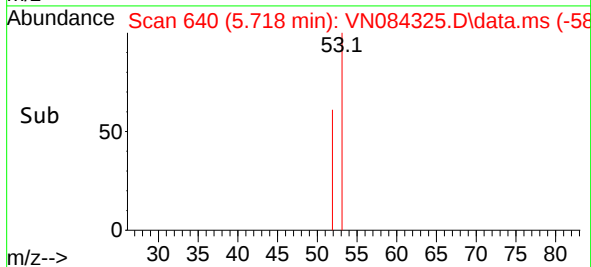
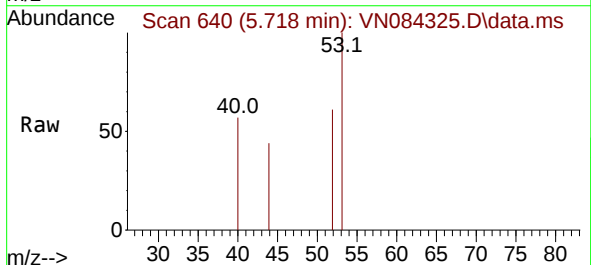
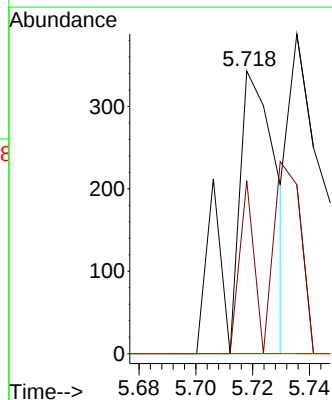


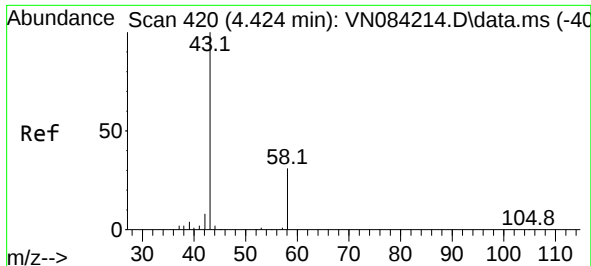
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 48.8 57.2 85.8#



#15
Acrylonitrile
Concen: 0.394 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

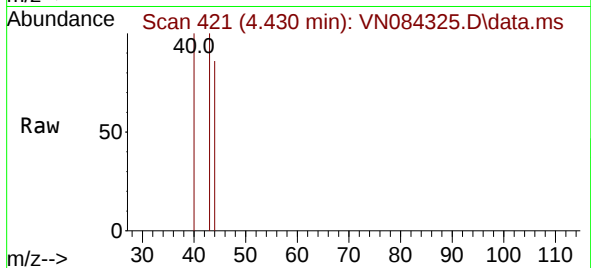
Tgt Ion: 53 Resp: 375
Ion Ratio Lower Upper
53 100
52 61.1 66.2 99.4#
51 0.0 28.8 43.2#



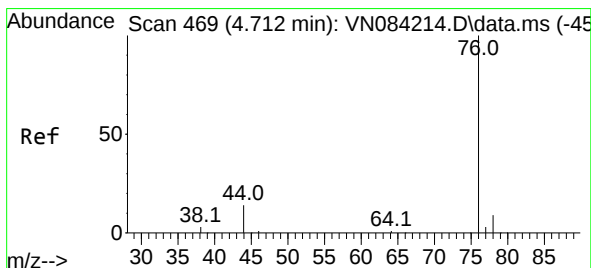
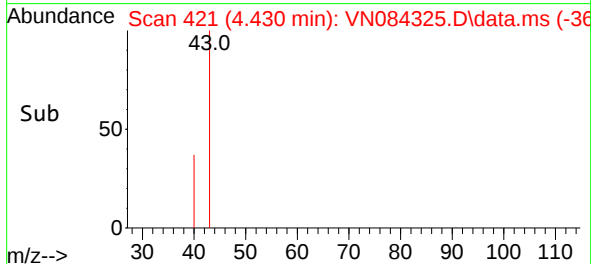
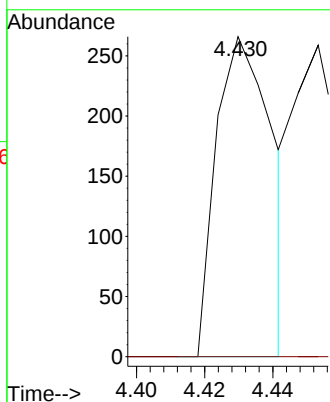


#16
Acetone
Concen: 0.311 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

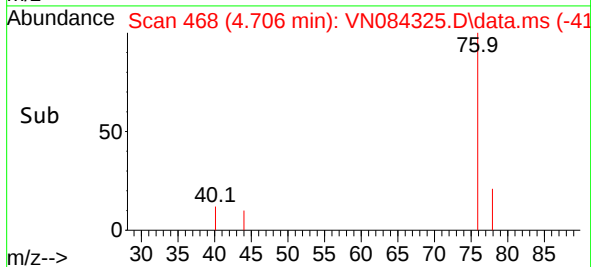
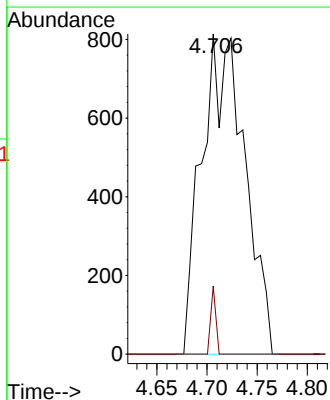
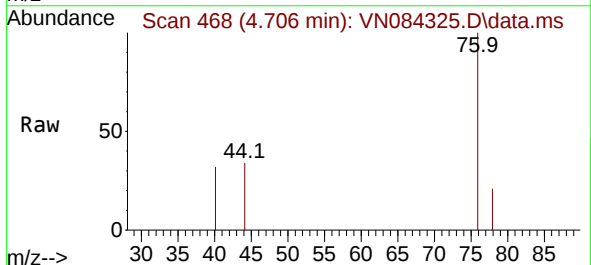


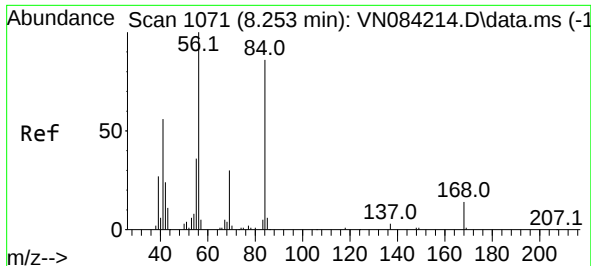
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.442 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

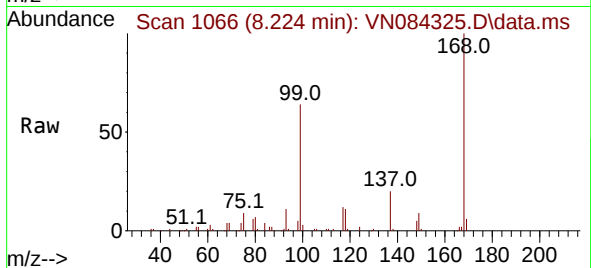
Tgt Ion: 76 Resp: 2428
Ion Ratio Lower Upper
76 100
78 21.3 7.3 10.9#



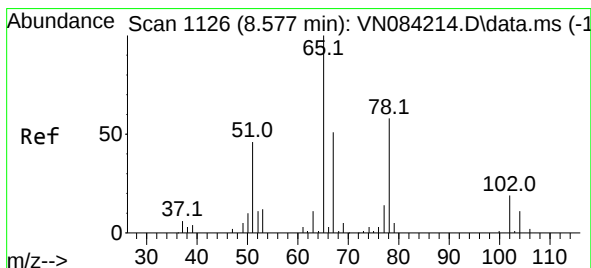
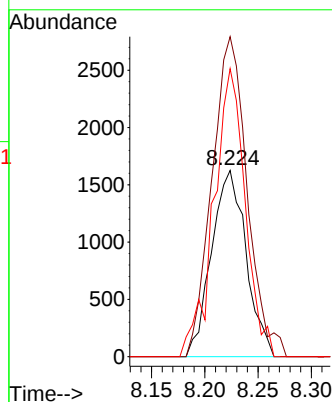
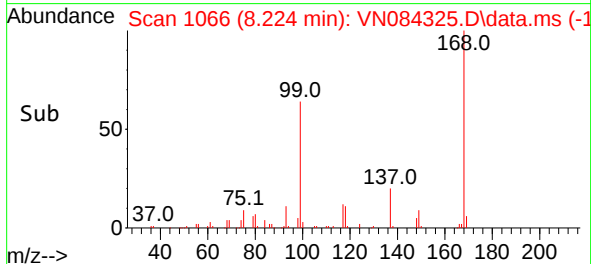


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

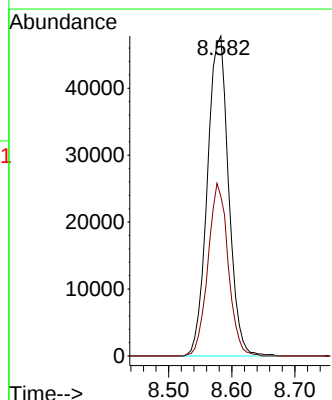
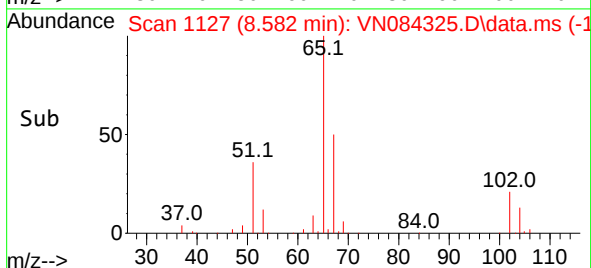
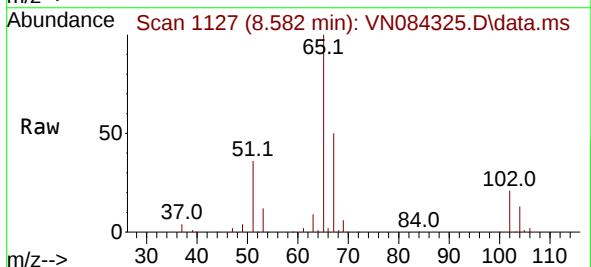


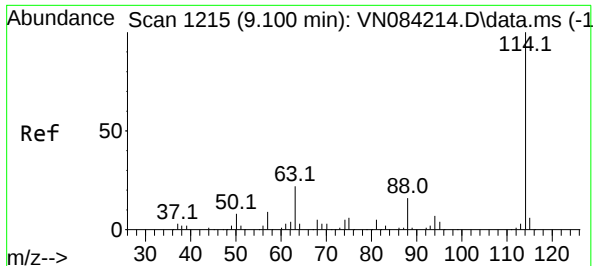
Tgt Ion: 56 Resp: 3659
Ion Ratio Lower Upper
56 100
69 171.8 23.8 35.6#
84 154.6 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.781 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Tgt Ion: 65 Resp: 111486
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

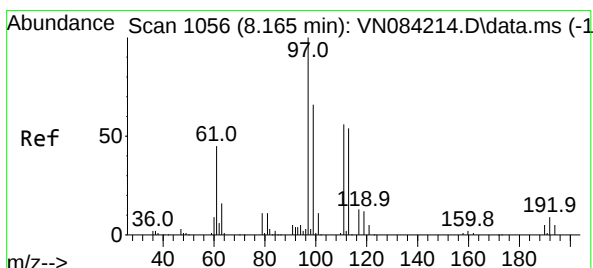
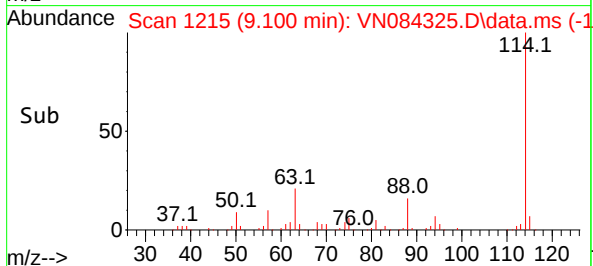
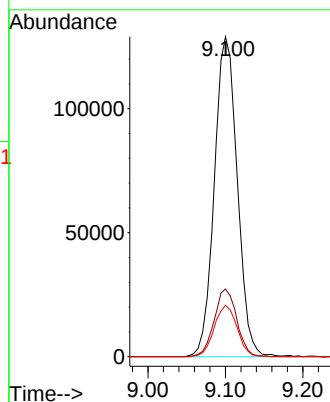
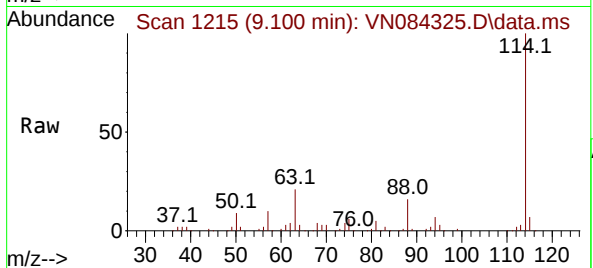
Tgt Ion:114 Resp: 265135

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 16.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.476 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

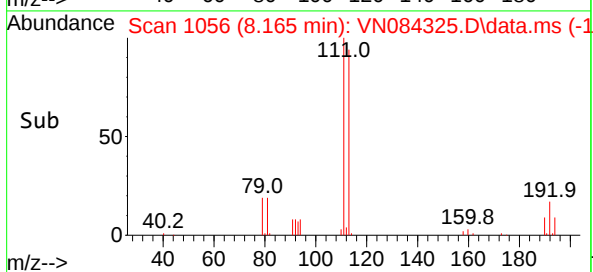
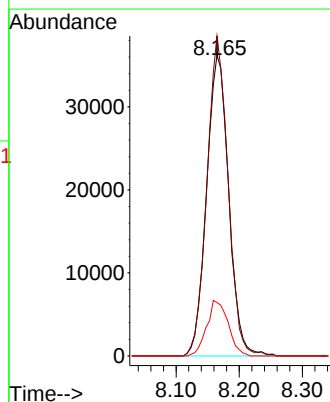
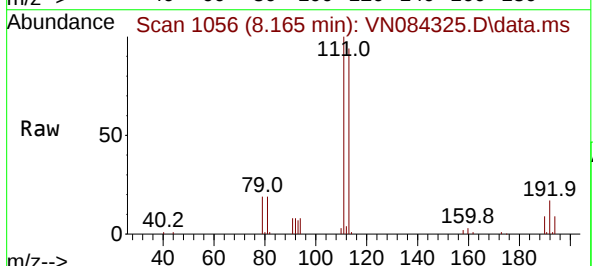
Tgt Ion:113 Resp: 88228

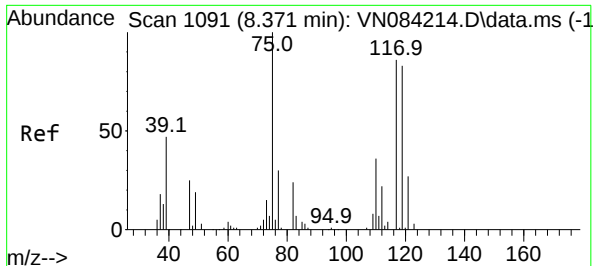
Ion Ratio Lower Upper

113 100

111 101.4 83.3 124.9

192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.079 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

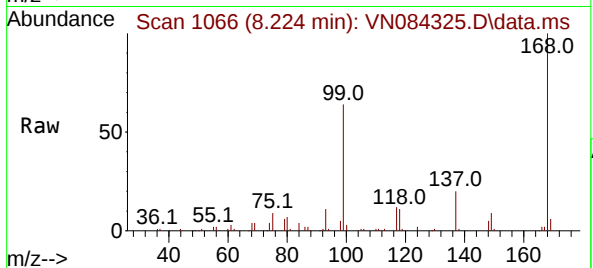
Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

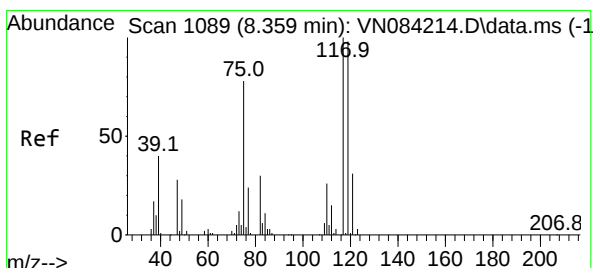
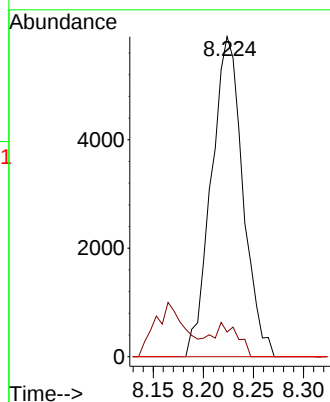
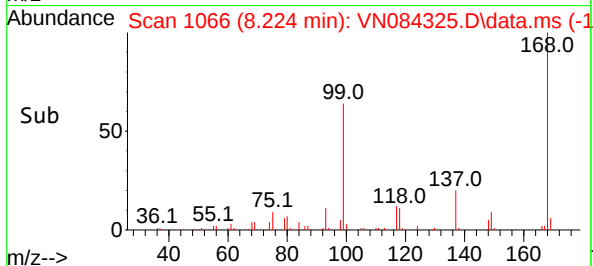
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12896
Ion Ratio	Lower	Upper	
75	100		
110	8.3	16.9	50.7#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

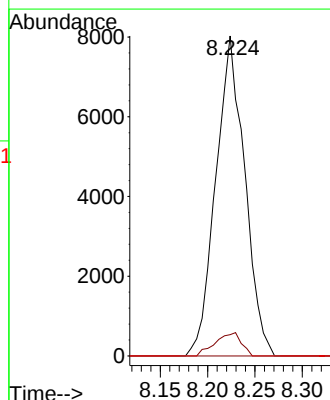
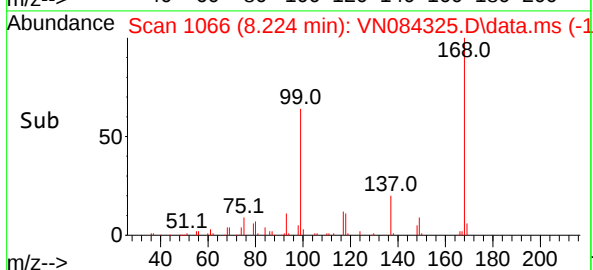
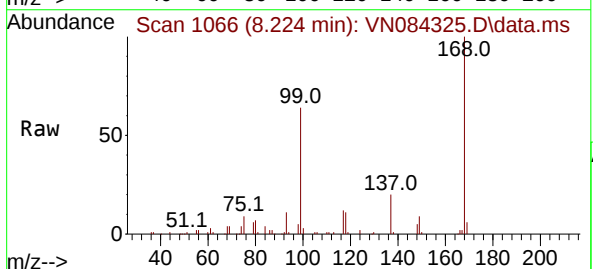
RT: 8.224 min Scan# 1066

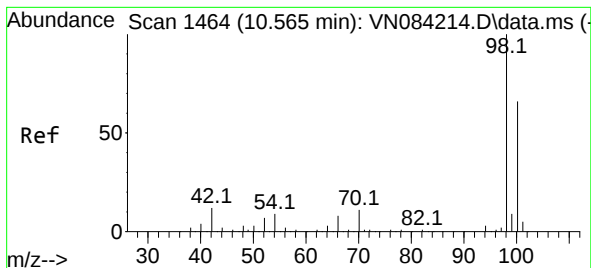
Delta R.T. -0.135 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

Tgt Ion:	117	Resp:	17064
Ion Ratio	Lower	Upper	
117	100		
119	6.7	78.7	118.1#
121	0.0	24.4	36.6#





#50

Toluene-d8

Concen: 49.363 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

Instrument :

MSVOA_N

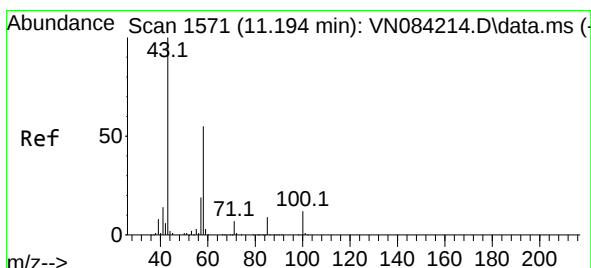
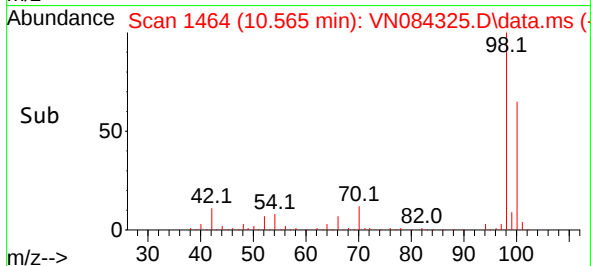
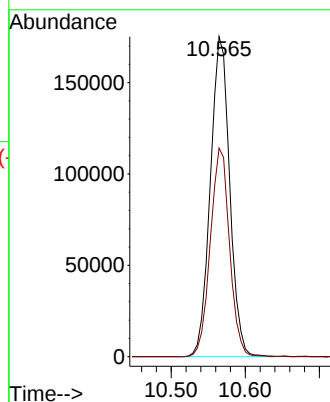
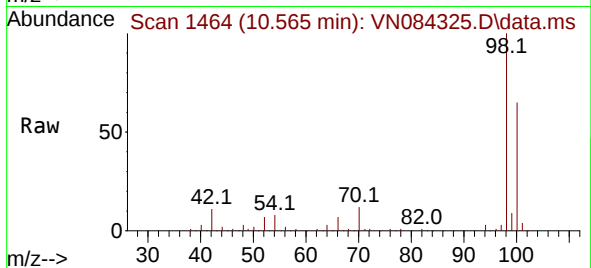
ClientSampleId :

Tgt Ion: 98 Resp: 317446

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#59

2-Hexanone

Concen: 0.298 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084325.D

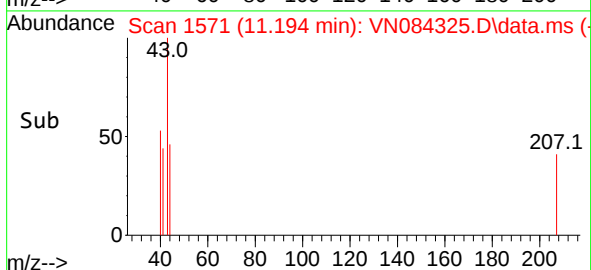
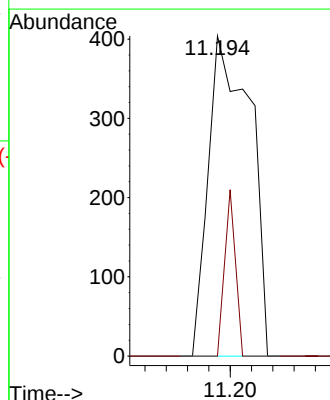
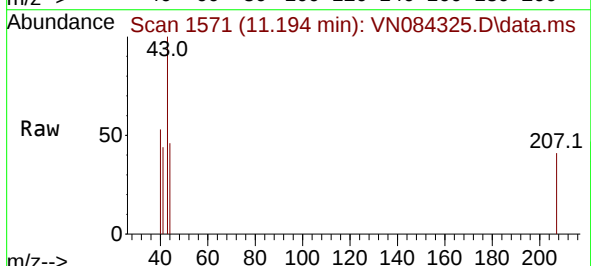
Acq: 07 Oct 2024 11:33

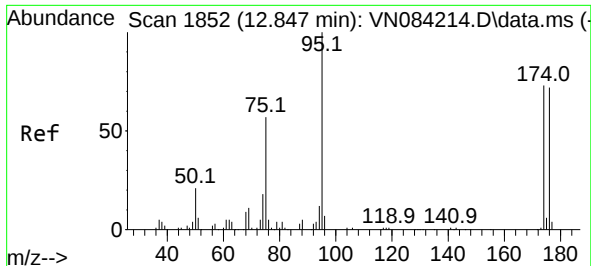
Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

58 13.4 27.3 81.8#

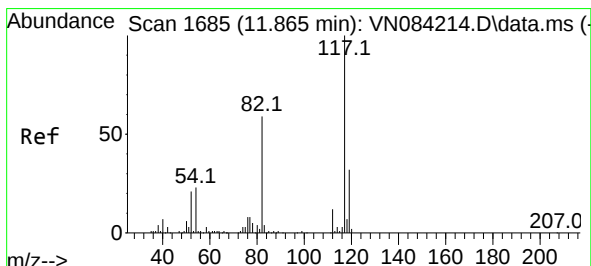
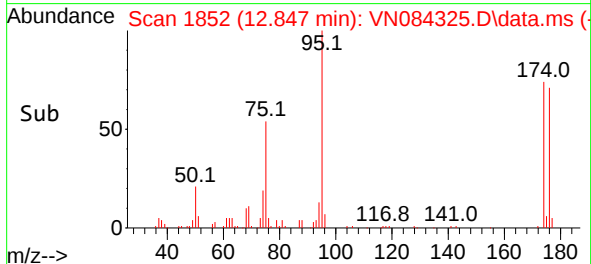
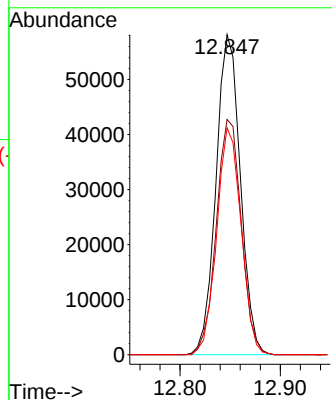
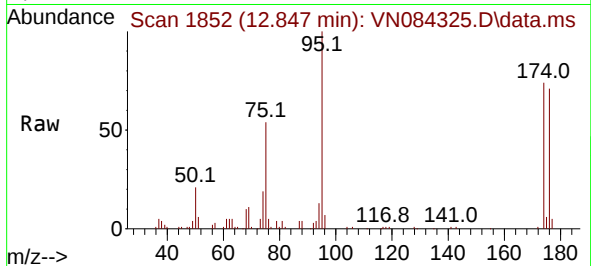




#62
4-Bromofluorobenzene
Concen: 41.914 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

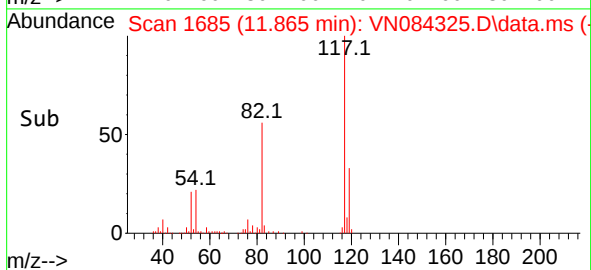
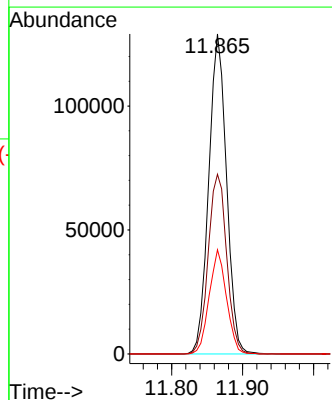
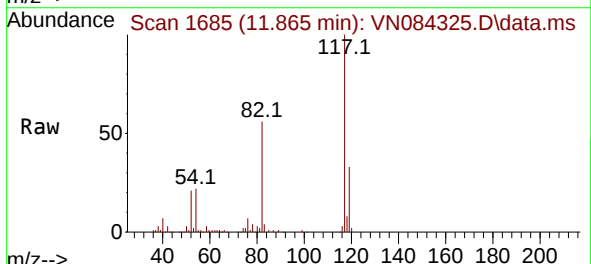
Instrument :
MSVOA_N
ClientSampleId :

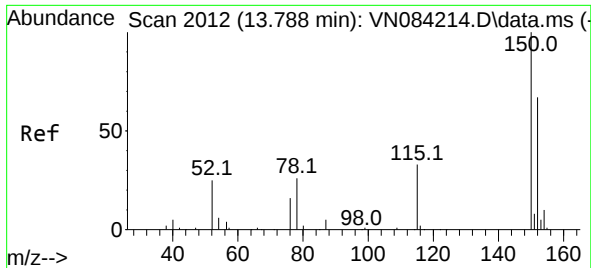
Tgt Ion: 95 Resp: 98197
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 70.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Tgt Ion: 117 Resp: 224529
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 32.6 25.4 38.0

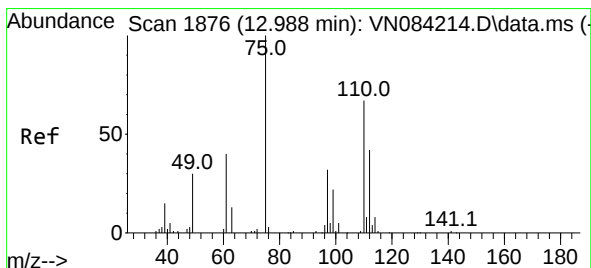
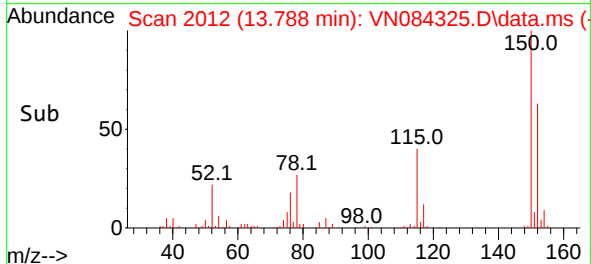
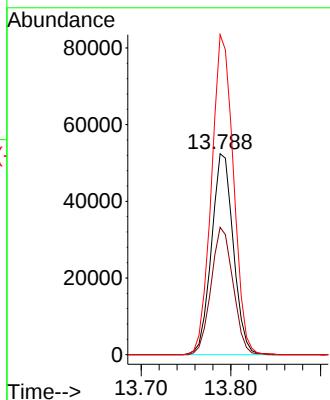
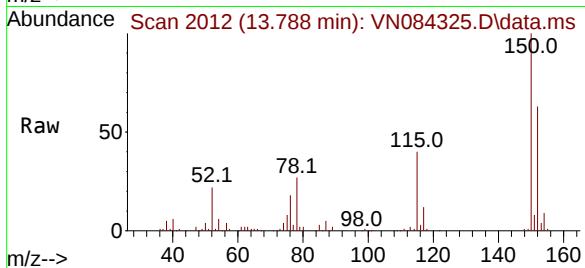




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN084325.D
 Acq: 07 Oct 2024 11:33

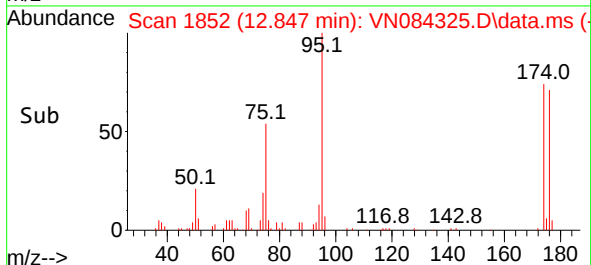
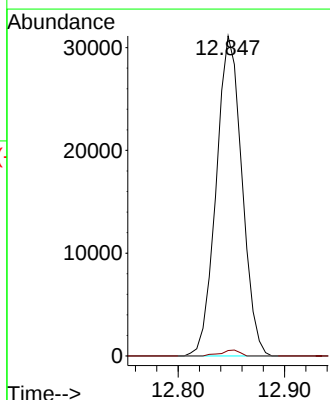
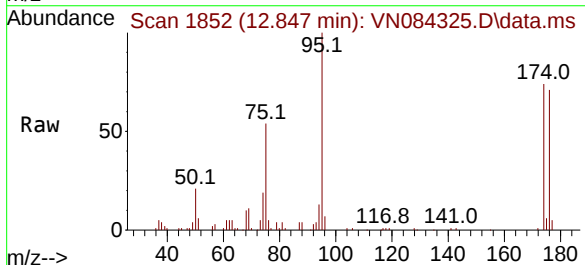
Instrument :
 MSVOA_N
 ClientSampleId :

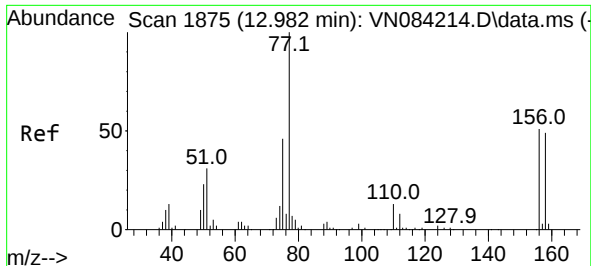
Tgt Ion:152 Resp: 88778
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.3 93.9
 150 159.9 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.855 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084325.D
 Acq: 07 Oct 2024 11:33

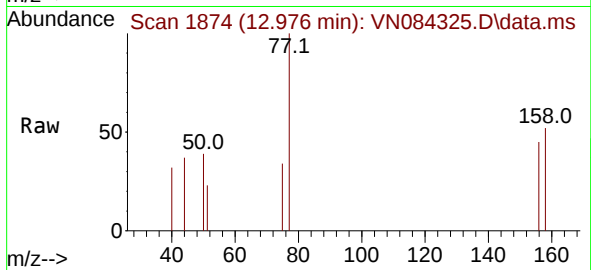
Tgt Ion: 75 Resp: 52298
 Ion Ratio Lower Upper
 75 100
 77 1.4 96.9 290.7#



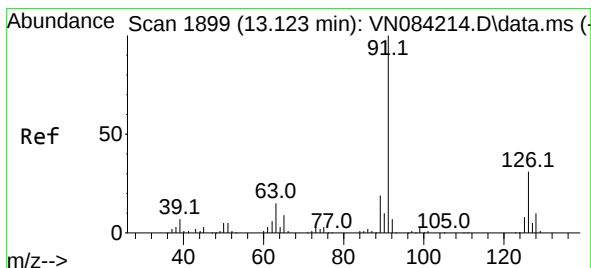
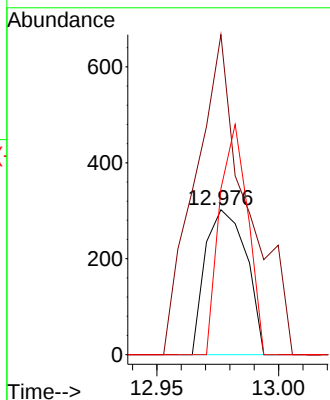
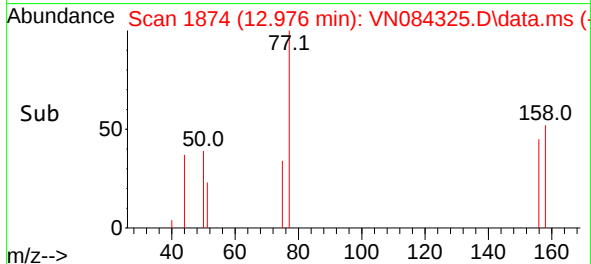


#77
Bromobenzene
Concen: 0.216 ug/l
RT: 12.976 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

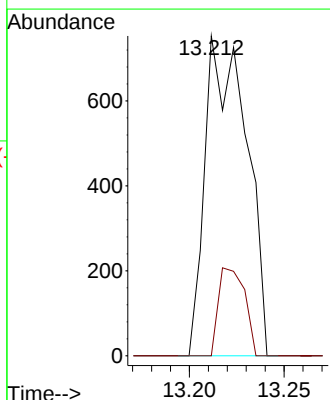
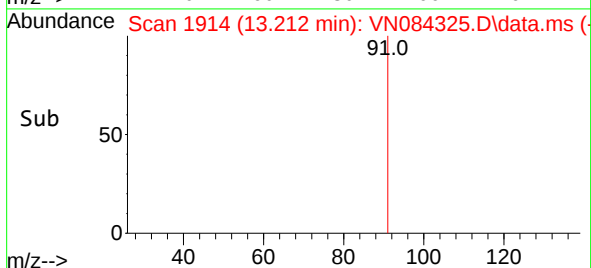
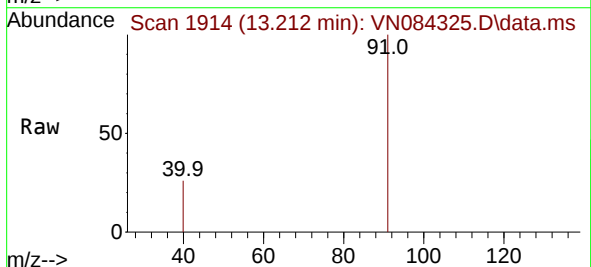


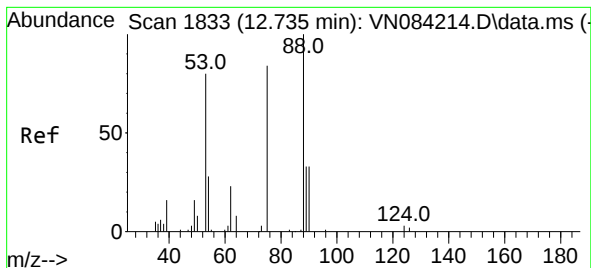
Tgt Ion:156 Resp: 353
Ion Ratio Lower Upper
156 100
77 279.9 115.1 345.3
158 109.9 48.9 146.8



#79
2-Chlorotoluene
Concen: 0.228 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. 0.088 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

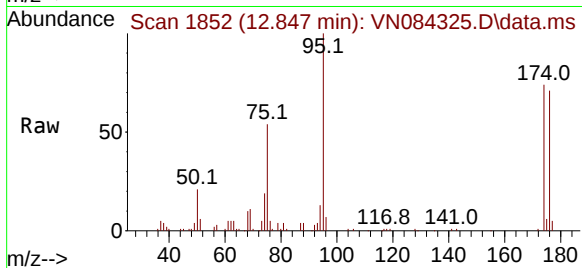
Tgt Ion: 91 Resp: 1142
Ion Ratio Lower Upper
91 100
126 17.3 15.7 47.1



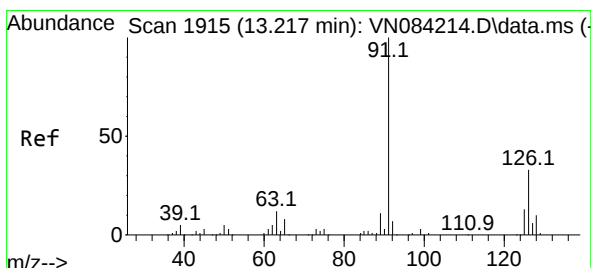
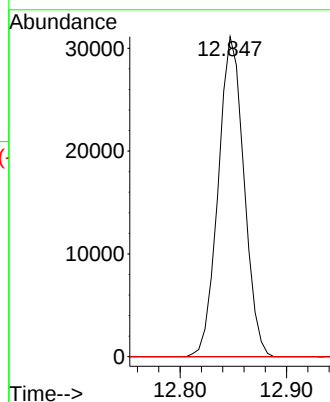
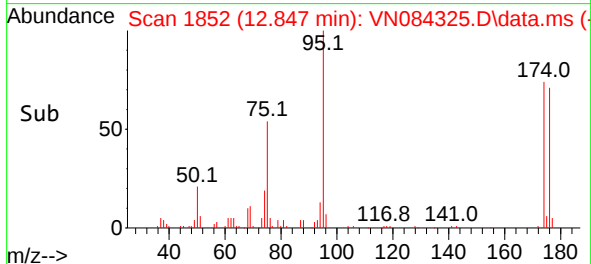


#81
trans-1,4-Dichloro-2-butene
Concen: 69.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

Instrument :
MSVOA_N
ClientSampleId :

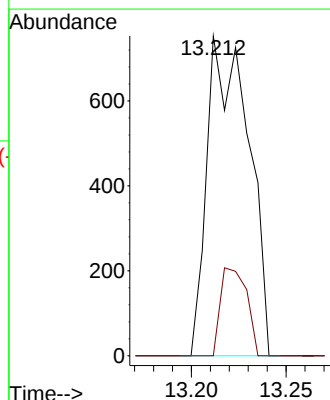
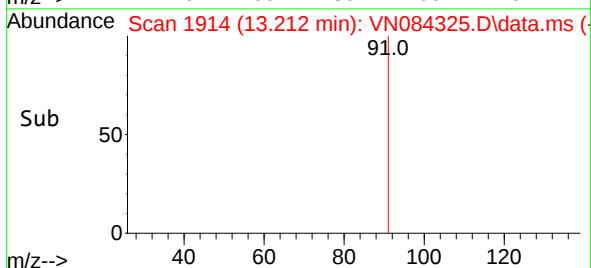
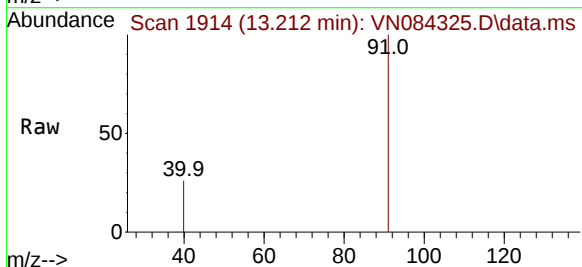


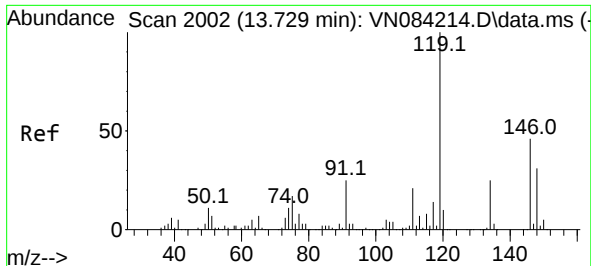
Tgt Ion: 75 Resp: 52298
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.227 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

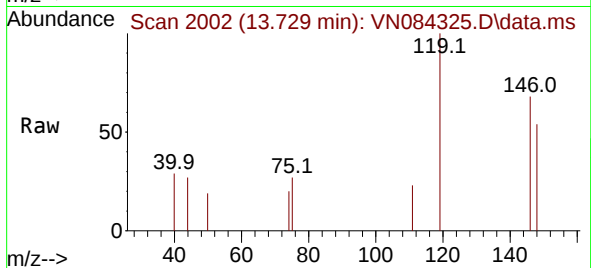
Tgt Ion: 91 Resp: 1142
Ion Ratio Lower Upper
91 100
126 17.3 15.7 47.1



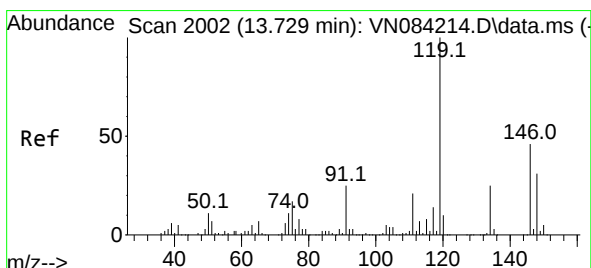
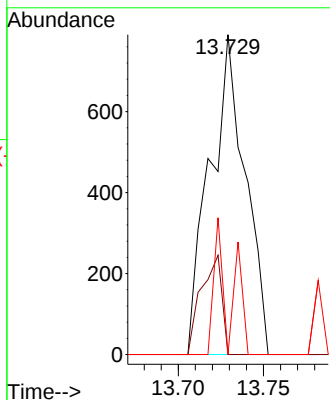
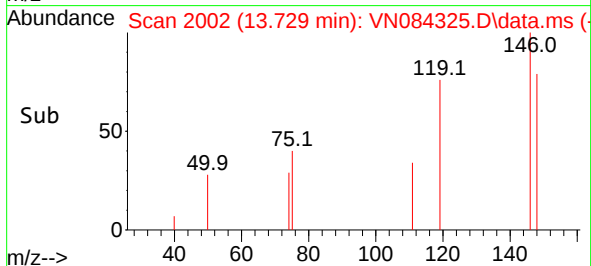


#86
p-Isopropyltoluene
Concen: 0.210 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

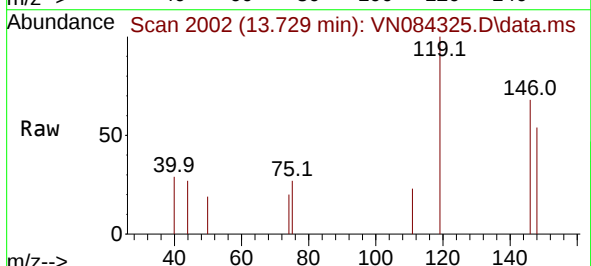
Instrument :
MSVOA_N
ClientSampleId :



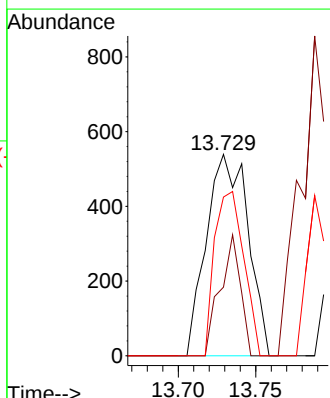
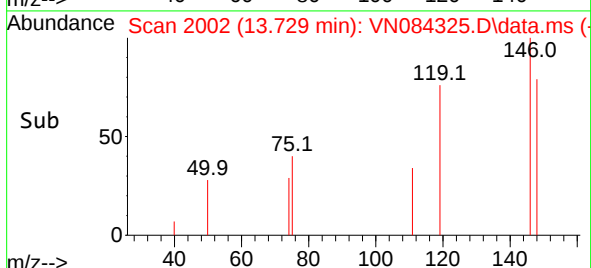
Tgt Ion:119 Resp: 1140
Ion Ratio Lower Upper
119 100
134 18.1 12.6 37.8
91 19.0 12.4 37.2

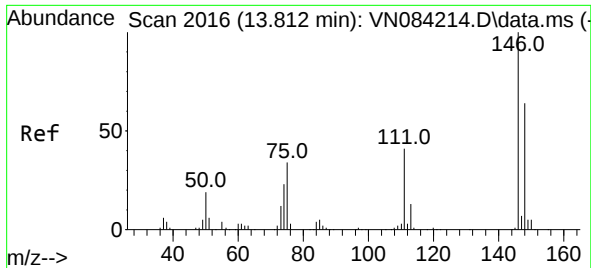


#87
1,3-Dichlorobenzene
Concen: 0.328 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33



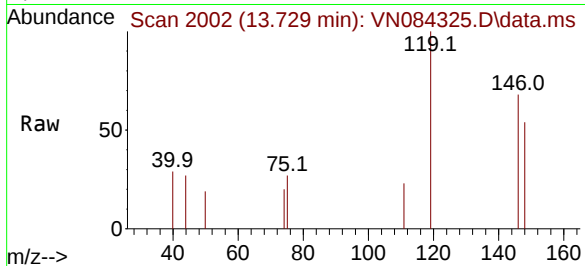
Tgt Ion:146 Resp: 1007
Ion Ratio Lower Upper
146 100
111 29.3 21.8 65.3
148 57.1 31.9 95.7



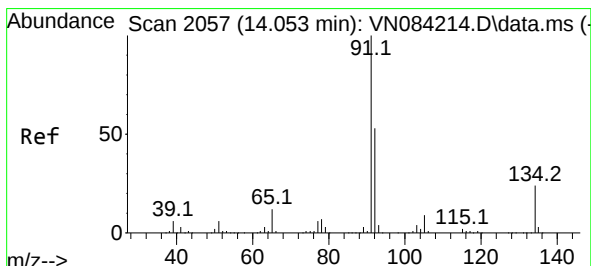
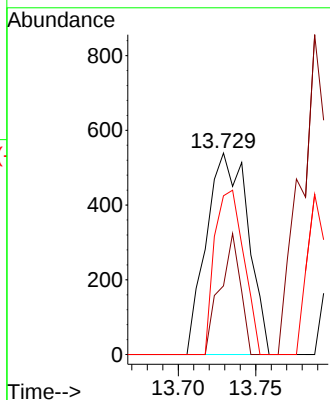
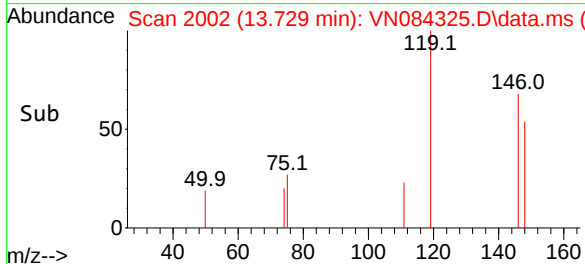


#88
1,4-Dichlorobenzene
Concen: 0.325 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.082 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

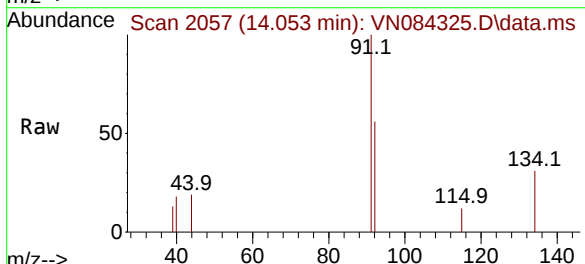
Instrument :
MSVOA_N
ClientSampleId :



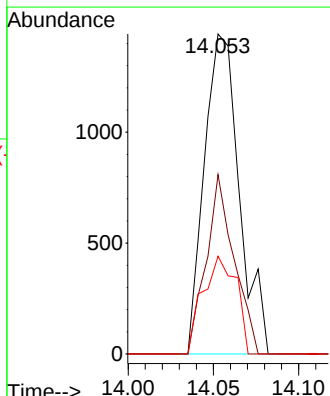
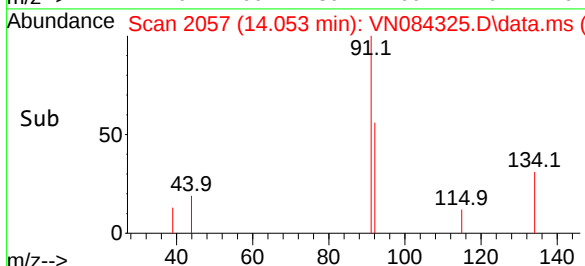
Tgt Ion:146 Resp: 1007
Ion Ratio Lower Upper
146 100
111 29.3 21.2 63.6
148 57.1 31.9 95.9

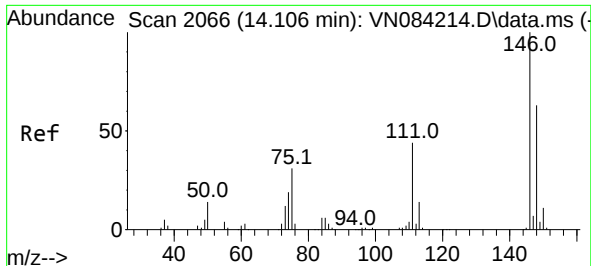


#89
n-Butylbenzene
Concen: 0.419 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33



Tgt Ion: 91 Resp: 2060
Ion Ratio Lower Upper
91 100
92 44.6 26.6 79.7
134 29.2 12.3 36.9





#91

1,2-Dichlorobenzene

Concen: 0.377 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

Instrument :

MSVOA_N

ClientSampleId :

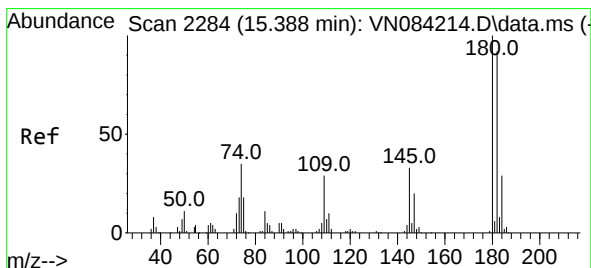
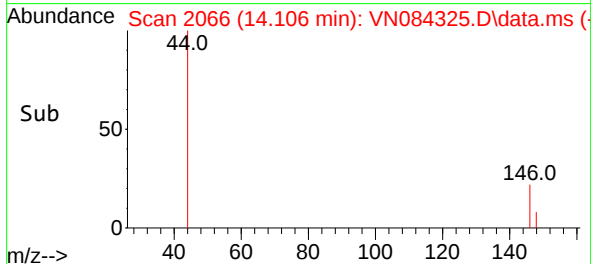
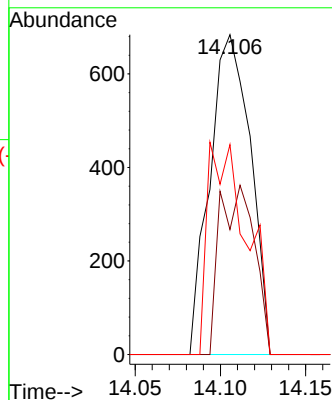
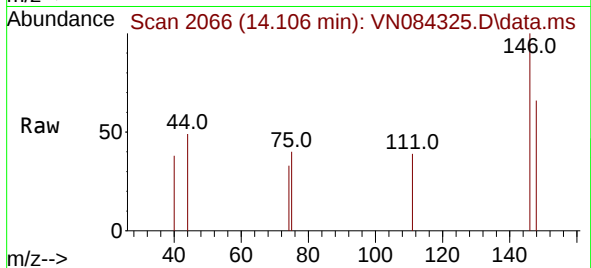
Tgt Ion:146 Resp: 1133

Ion Ratio Lower Upper

146 100

111 45.1 22.0 66.0

148 63.0 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 1.025 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084325.D

Acq: 07 Oct 2024 11:33

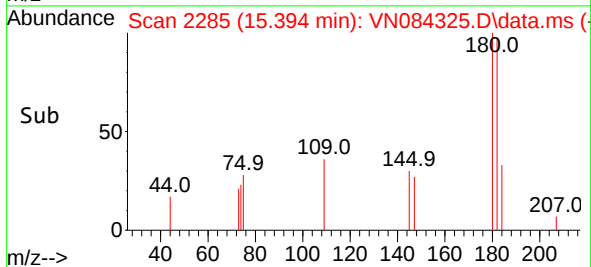
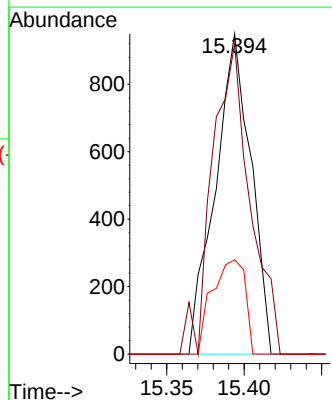
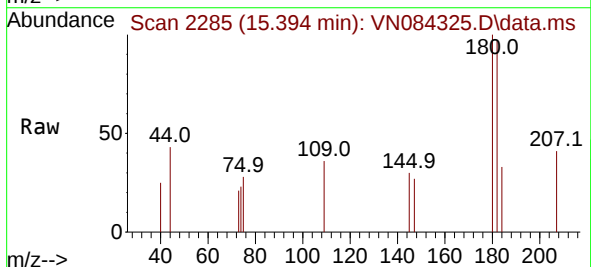
Tgt Ion:180 Resp: 1518

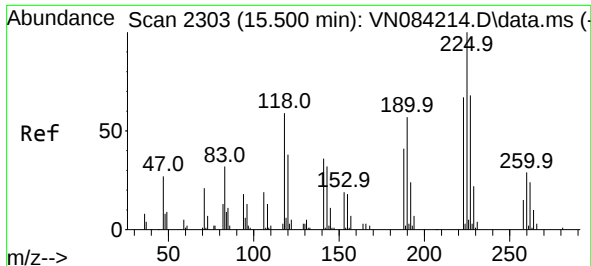
Ion Ratio Lower Upper

180 100

182 102.9 47.0 141.0

145 27.2 16.4 49.4

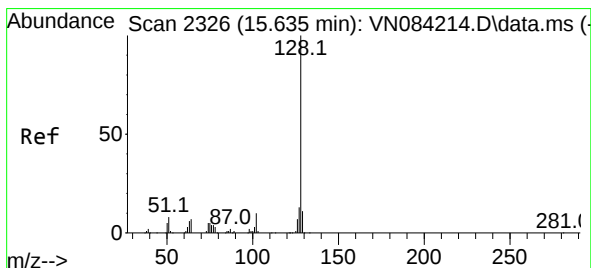
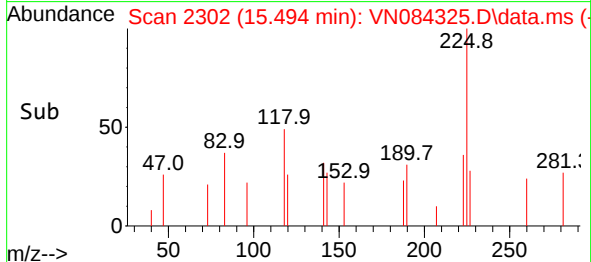
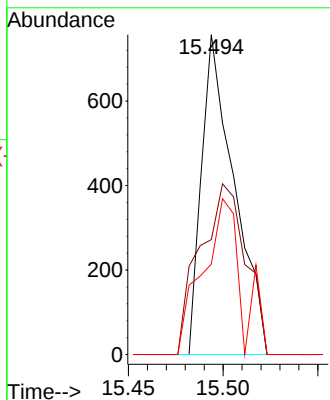
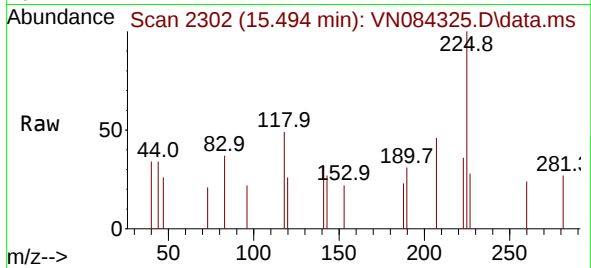




#94
Hexachlorobutadiene
Concen: 1.230 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

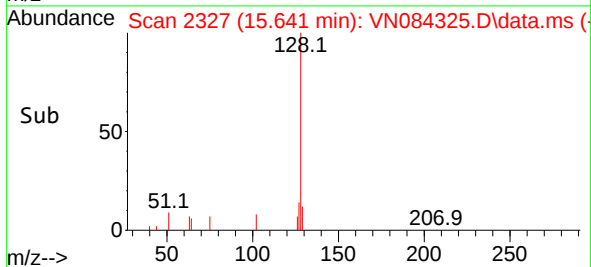
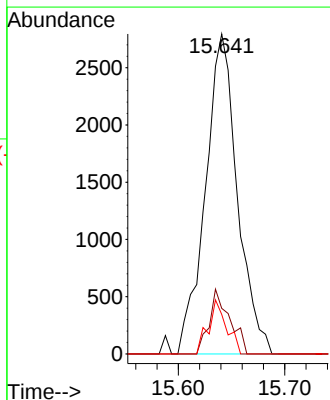
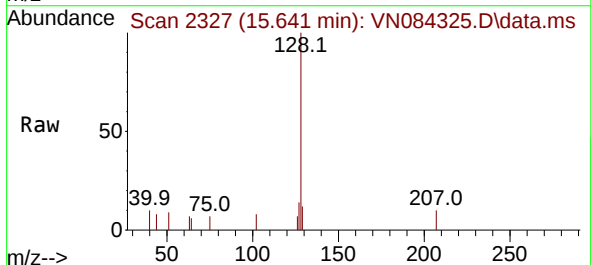
Instrument :
MSVOA_N
ClientSampleId :

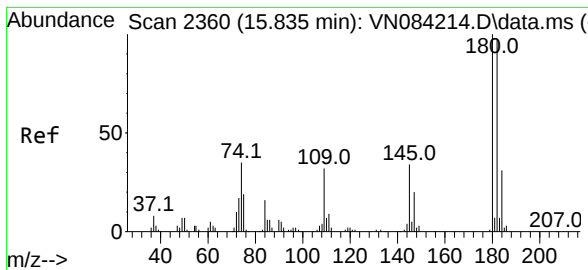
Tgt Ion:225 Resp: 908
Ion Ratio Lower Upper
225 100
223 74.7 32.4 97.2
227 57.5 32.4 97.0



#95
Naphthalene
Concen: 1.188 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084325.D
Acq: 07 Oct 2024 11:33

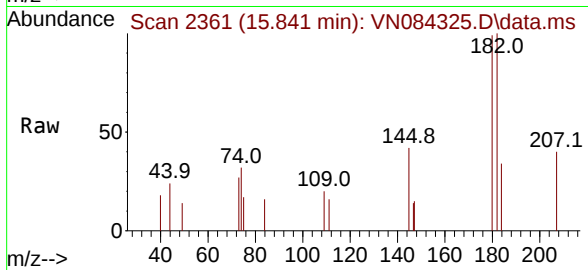
Tgt Ion:128 Resp: 5831
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 9.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.434 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084325.D
 Acq: 07 Oct 2024 11:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2126
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.2	144.6
145	31.9	17.3	51.9

