

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084396.D
 Acq On : 11 Oct 2024 12:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 02:06:10 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	157662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113141	48.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.800%
35) Dibromofluoromethane	8.165	113	88662	49.659	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.565	98	325900	49.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.847	95	108976	45.538	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.080%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	214	0.100	ug/l #	41
5) Bromomethane	2.965	94	425	0.312	ug/l	99
6) Chloroethane	3.136	64	236	0.160	ug/l #	45
10) Methyl Iodide	4.606	142	307	0.130	ug/l #	40
11) Tert butyl alcohol	5.500	59	55	0.143	ug/l #	73
13) Acrolein	4.189	56	58	0.131	ug/l #	14
15) Acrylonitrile	5.730	53	113	0.116	ug/l #	69
16) Acetone	4.442	43	117	0.117	ug/l #	44
17) Carbon Disulfide	4.700	76	1374	0.244	ug/l #	75
20) Methylene Chloride	5.277	84	130	0.064	ug/l #	3
23) Vinyl Acetate	6.630	43	59	0.012	ug/l #	72
25) 2-Butanone	7.441	43	157	0.115	ug/l #	48
26) 2,2-Dichloropropane	7.424	77	382	0.119	ug/l #	54
30) Chloroform	7.965	83	55	0.015	ug/l #	18
31) Cyclohexane	8.218	56	3684	1.064	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13992	5.395	ug/l #	50
37) Ethyl Acetate	7.441	43	157	0.059	ug/l #	1
38) Carbon Tetrachloride	8.230	117	17671	6.212	ug/l #	15
40) Benzene	8.618	78	147	0.018	ug/l #	51
42) 1,2-Dichloroethane	8.665	62	137	0.050	ug/l #	75
43) Isopropyl Acetate	8.688	43	565	0.108	ug/l #	56
44) Trichloroethene	9.353	130	65	0.034	ug/l	1
51) 4-Methyl-2-Pentanone	10.435	43	125	0.049	ug/l #	36
52) Toluene	10.635	92	73	0.015	ug/l #	1
53) t-1,3-Dichloropropene	10.835	75	152	0.052	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.159	63	1332	0.988	ug/l #	85
59) 2-Hexanone	11.188	43	355	0.188	ug/l #	46
65) Chlorobenzene	11.882	112	530	0.103	ug/l #	41
67) Ethyl Benzene	11.959	91	428	0.047	ug/l #	44
68) m/p-Xylenes	12.076	106	358	0.107	ug/l #	59
69) o-Xylene	12.406	106	54	0.017	ug/l #	1
70) Styrene	12.412	104	358	0.067	ug/l #	64
71) Bromoform	12.582	173	60	0.046	ug/l #	30
73) Isopropylbenzene	12.694	105	320	0.047	ug/l #	49
76) 1,2,3-Trichloropropane	12.847	75	57008	31.121	ug/l #	1
77) Bromobenzene	12.976	156	242	0.147	ug/l #	70

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

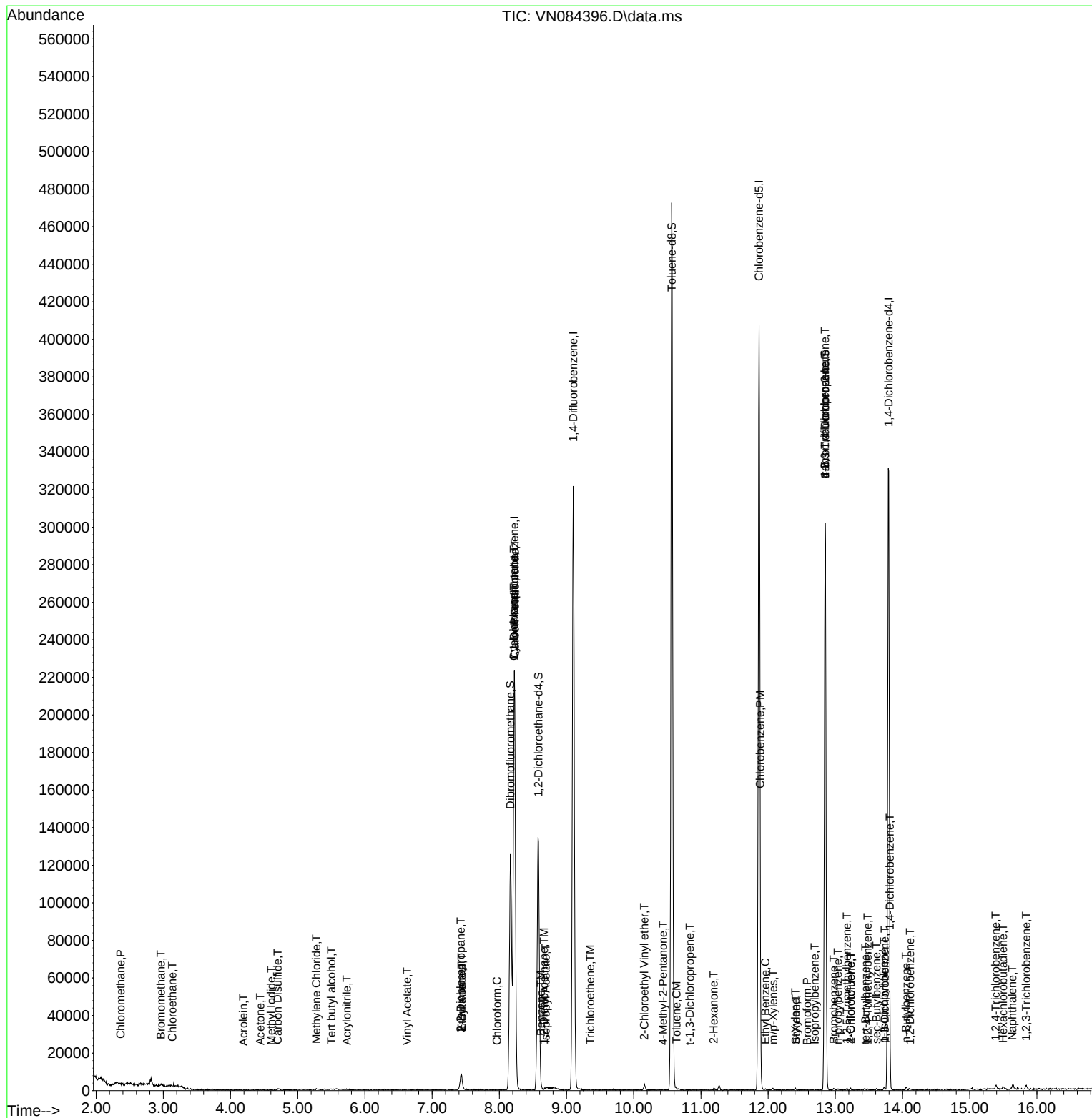
78) n-propylbenzene	13.035	91	835	0.105	ug/l #	54
79) 2-Chlorotoluene	13.229	91	645	0.127	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	496	0.089	ug/l #	29
81) trans-1,4-Dichloro-2-b...	12.847	75	57008	74.610	ug/l #	11
82) 4-Chlorotoluene	13.229	91	645	0.127	ug/l	91
83) tert-Butylbenzene	13.447	119	527	0.106	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.482	105	456	0.081	ug/l #	50
85) sec-Butylbenzene	13.612	105	645	0.097	ug/l #	57
86) p-Isopropyltoluene	13.723	119	665	0.121	ug/l #	50
87) 1,3-Dichlorobenzene	13.735	146	882	0.285	ug/l #	65
88) 1,4-Dichlorobenzene	13.812	146	1055	0.337	ug/l #	16
89) n-Butylbenzene	14.053	91	1047	0.211	ug/l #	87
91) 1,2-Dichlorobenzene	14.112	146	545	0.179	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	910	0.608	ug/l #	88
94) Hexachlorobutadiene	15.494	225	383	0.513	ug/l	80
95) Naphthalene	15.635	128	3794	0.765	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	901	0.601	ug/l	94

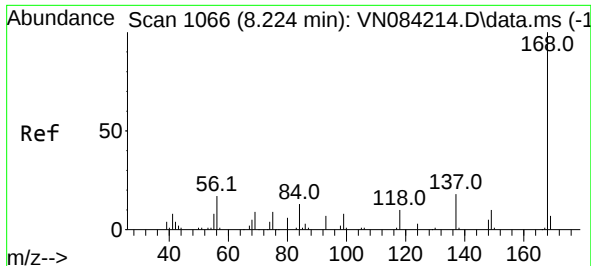
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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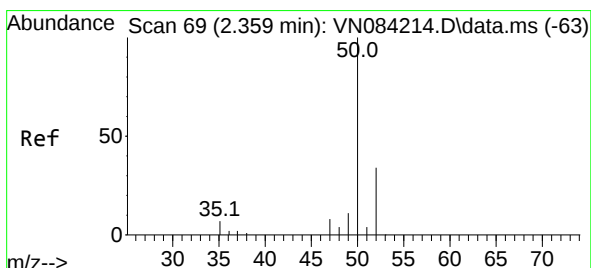
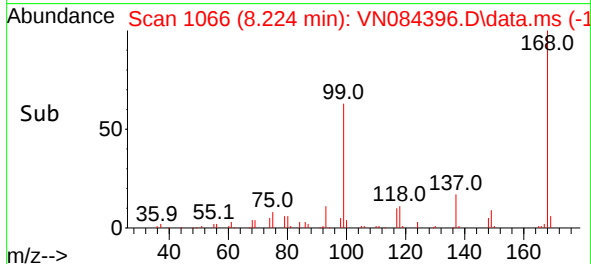
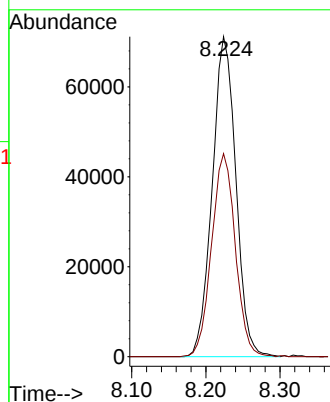
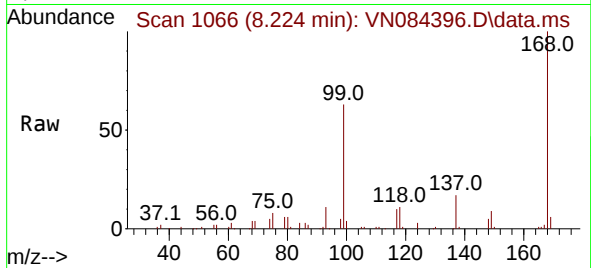




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

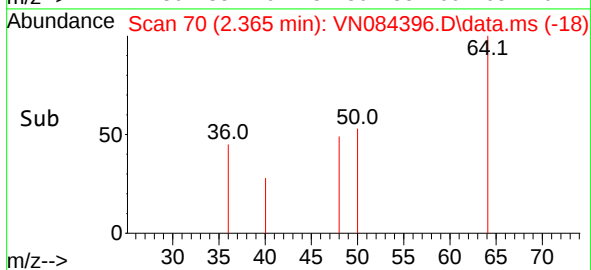
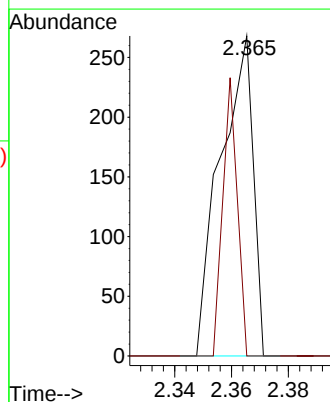
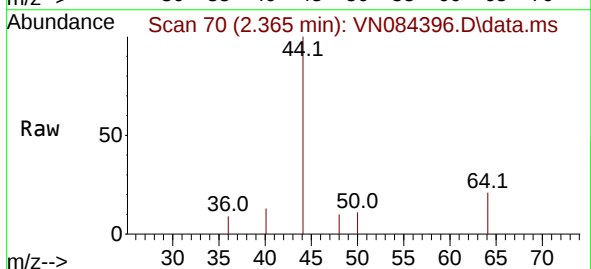
Instrument :
MSVOA_N
ClientSampleId :

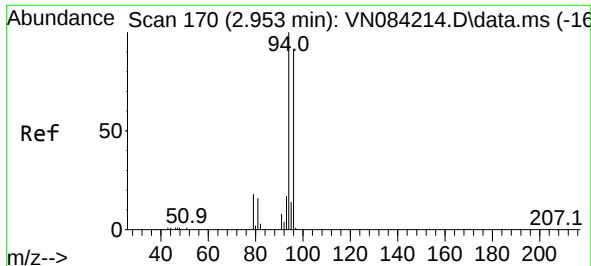
Tgt Ion:168 Resp: 157662
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#3
Chloromethane
Concen: 0.100 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 50 Resp: 214
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

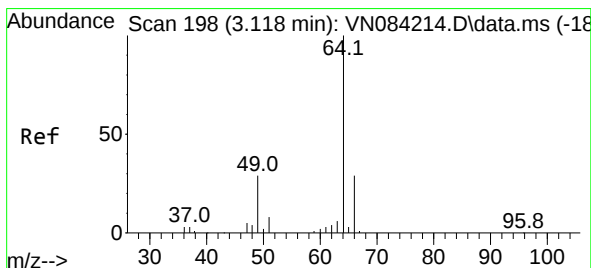
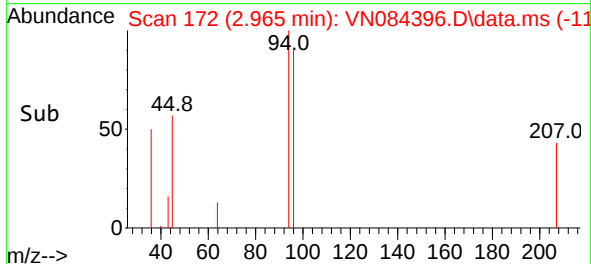
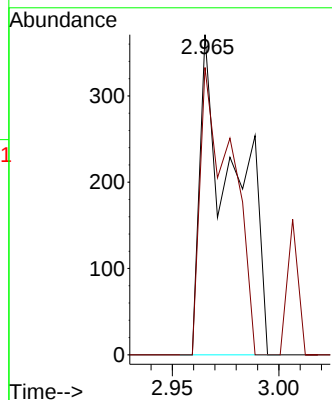
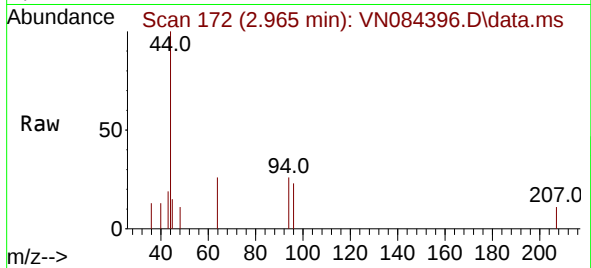




#5
Bromomethane
Concen: 0.312 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

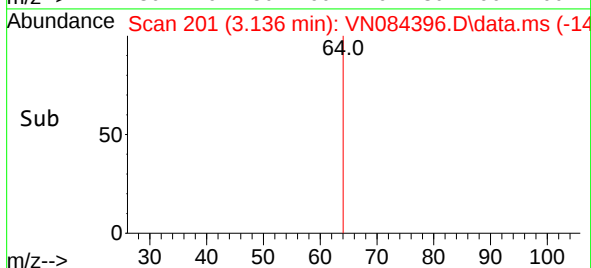
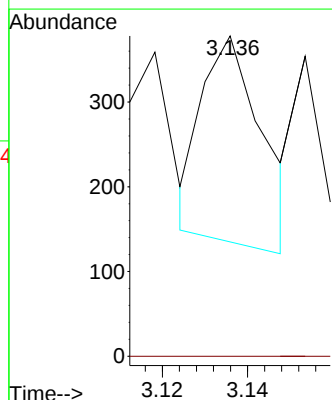
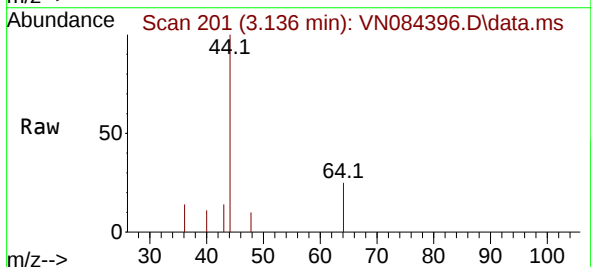
Instrument :
MSVOA_N
ClientSampleId :

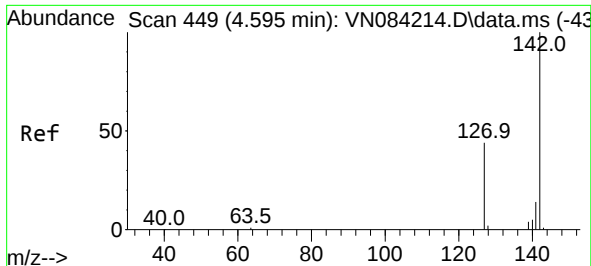
Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 89.8 72.9 109.3



#6
Chloroethane
Concen: 0.160 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

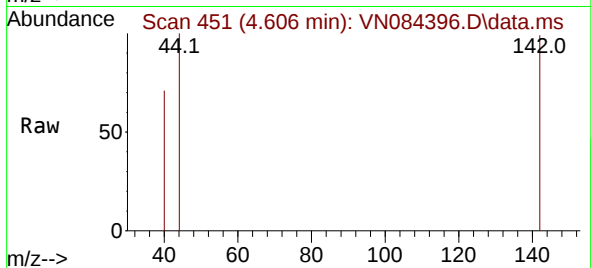
Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



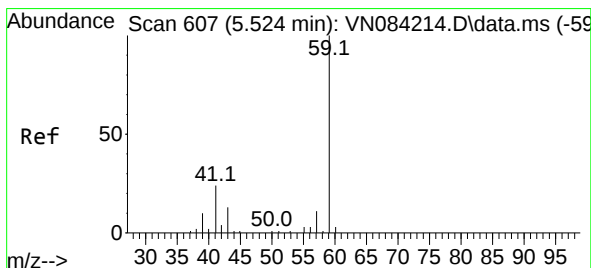
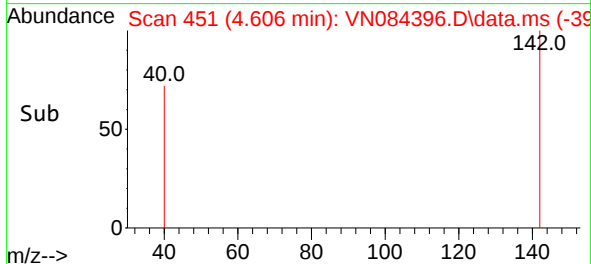
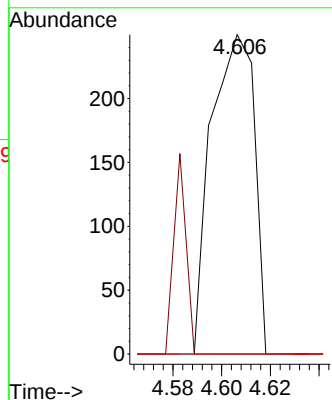


#10
Methyl Iodide
Concen: 0.130 ug/l
RT: 4.606 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

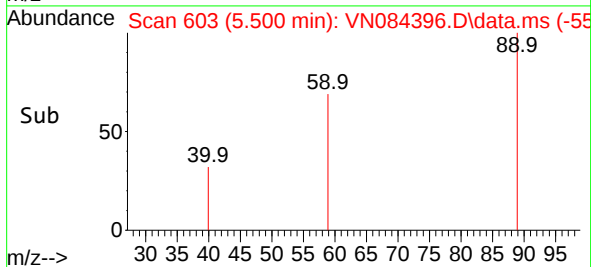
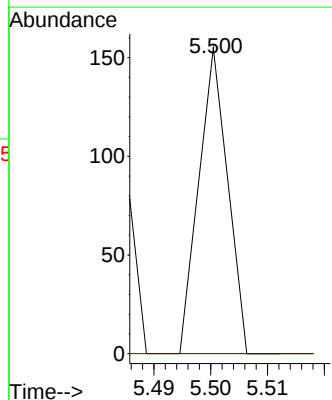
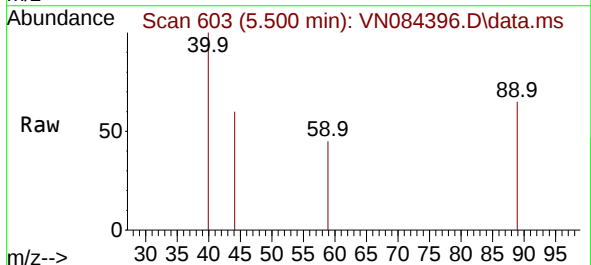


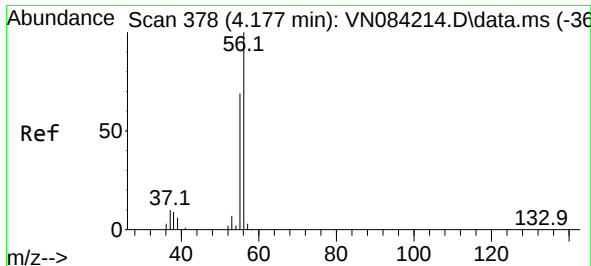
Tgt Ion:142 Resp: 307
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#



#11
Tert butyl alcohol
Concen: 0.143 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.023 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.131 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

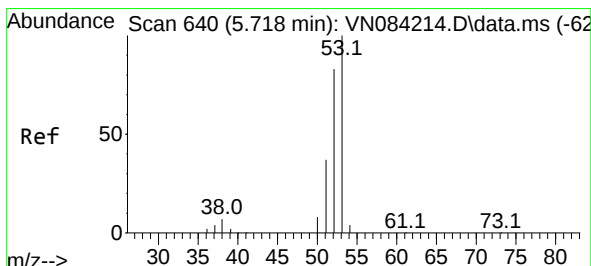
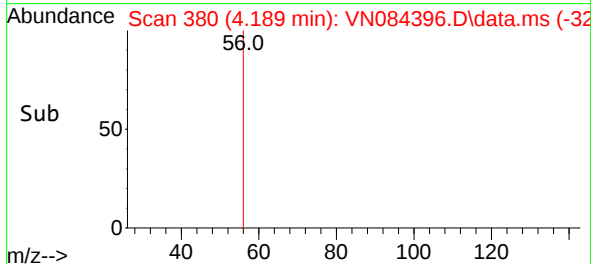
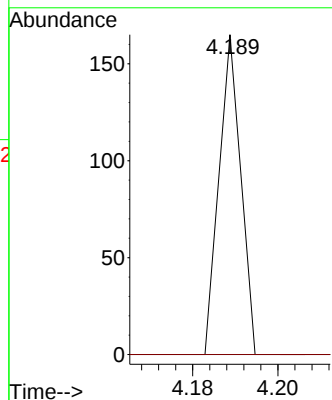
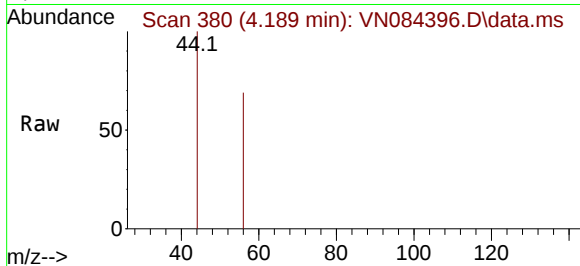
ClientSampleId :

Tgt Ion: 56 Resp: 58

Ion Ratio Lower Upper

56 100

55 0.0 57.2 85.8#



#15

Acrylonitrile

Concen: 0.116 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

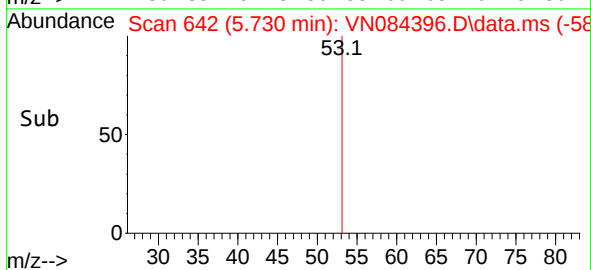
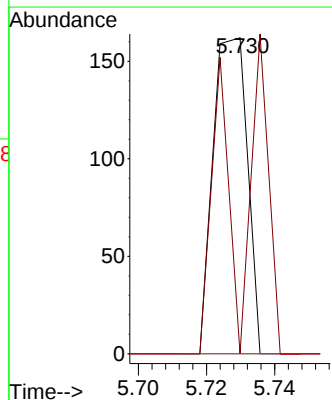
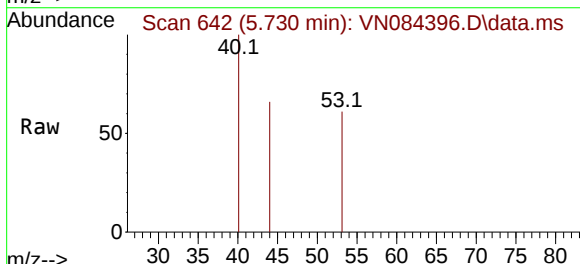
Tgt Ion: 53 Resp: 113

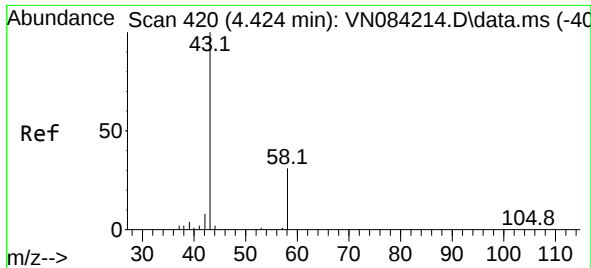
Ion Ratio Lower Upper

53 100

52 99.1 66.2 99.4

51 0.0 28.8 43.2#





#16

Acetone

Concen: 0.117 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

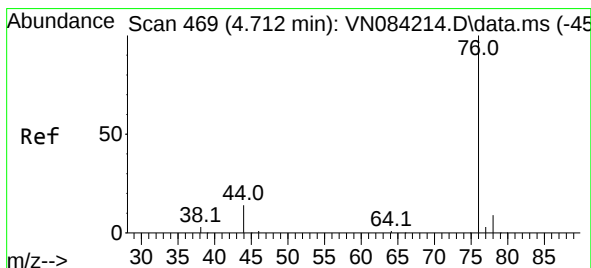
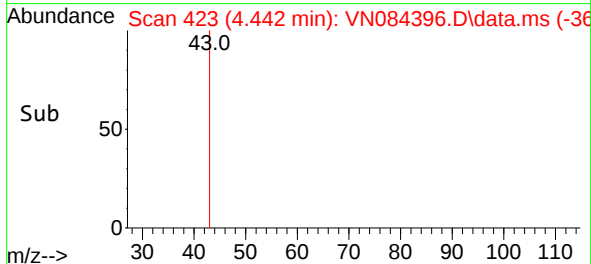
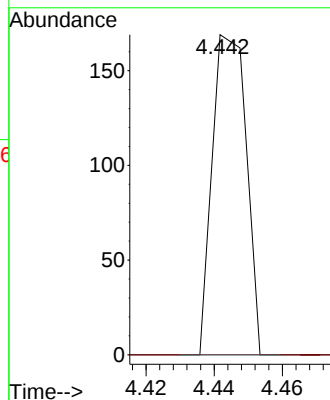
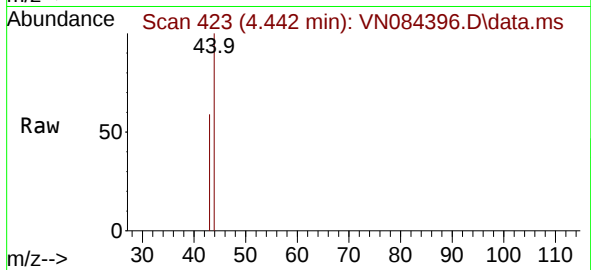
ClientSampleId :

Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#17

Carbon Disulfide

Concen: 0.244 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN084396.D

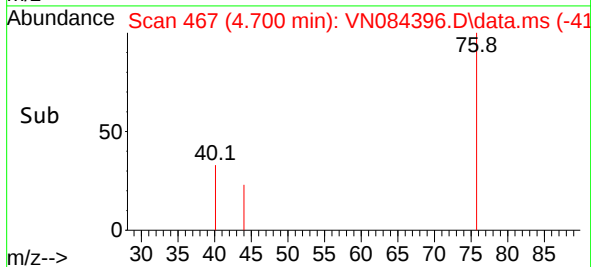
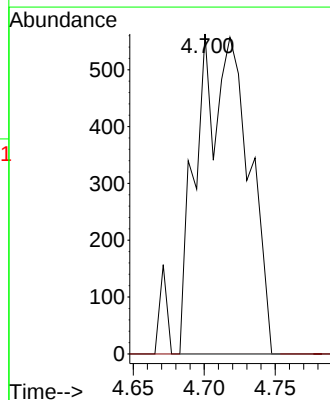
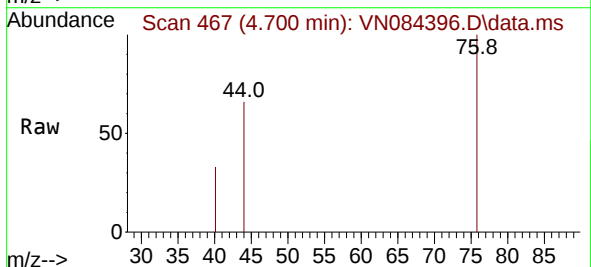
Acq: 11 Oct 2024 12:07

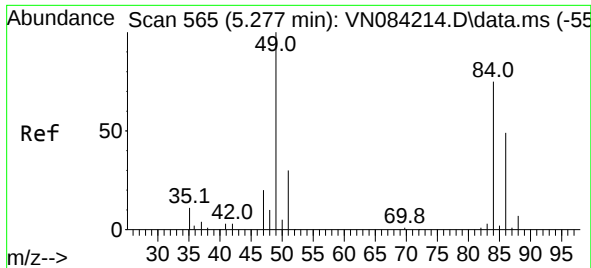
Tgt Ion: 76 Resp: 1374

Ion Ratio Lower Upper

76 100

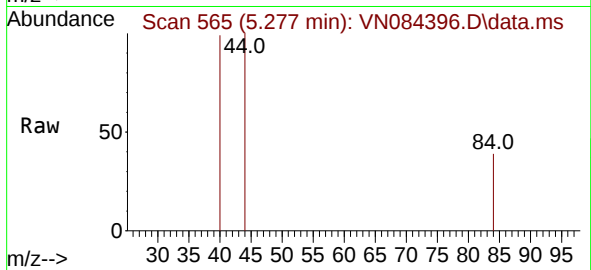
78 0.0 7.3 10.9#



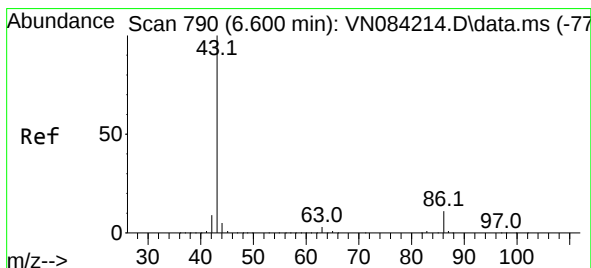
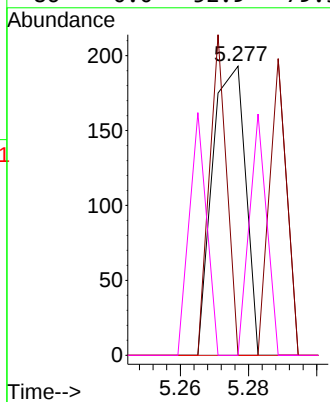
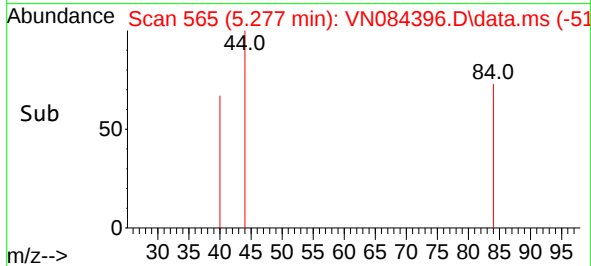


#20
Methylene Chloride
Concen: 0.064 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
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Acq: 11 Oct 2024 12:07

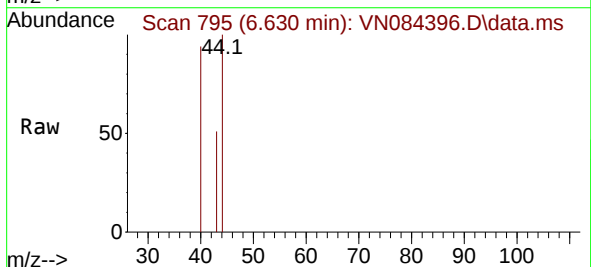
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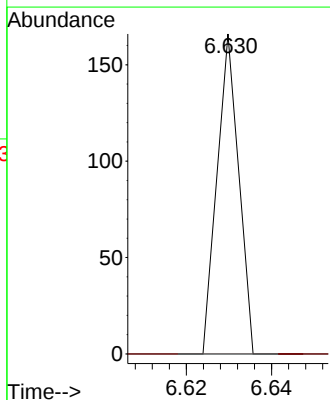
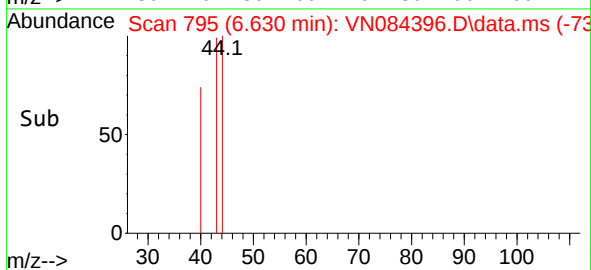
Tgt Ion: 84 Resp: 130
Ion Ratio Lower Upper
84 100
49 0.0 107.2 160.8#
51 0.0 31.8 47.8#
86 0.0 52.9 79.3#

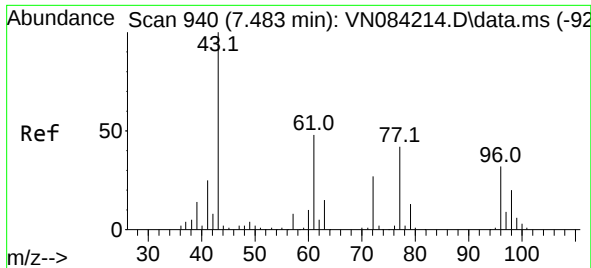


#23
Vinyl Acetate
Concen: 0.012 ug/l
RT: 6.630 min Scan# 795
Delta R.T. 0.029 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07



Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#

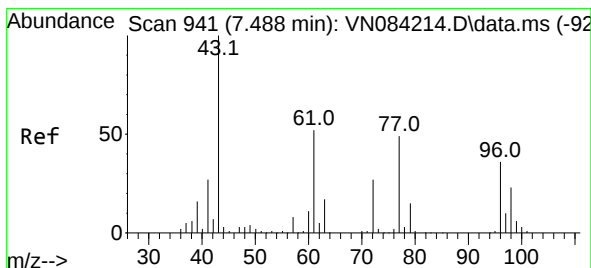
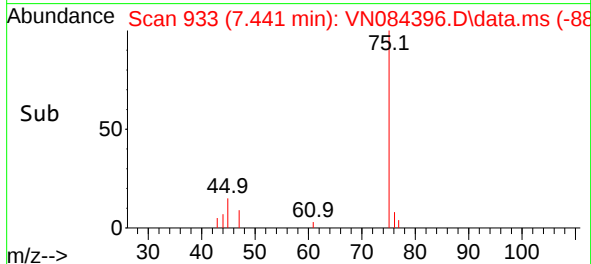
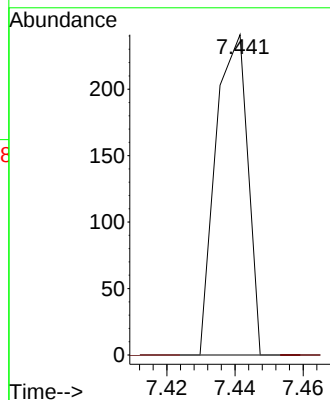
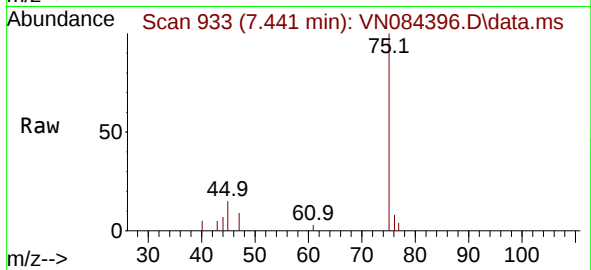




#25
2-Butanone
Concen: 0.115 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.041 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

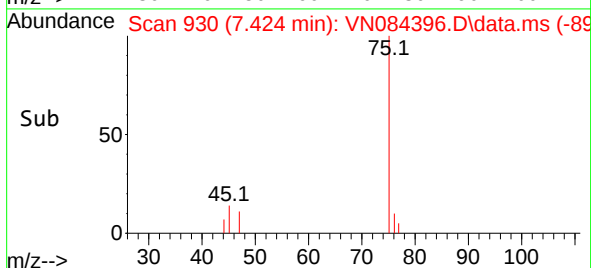
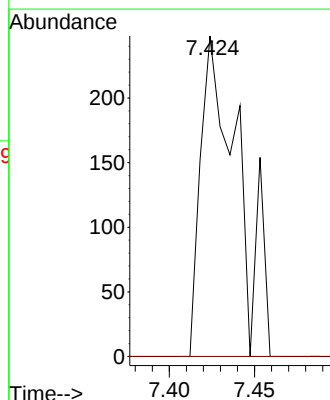
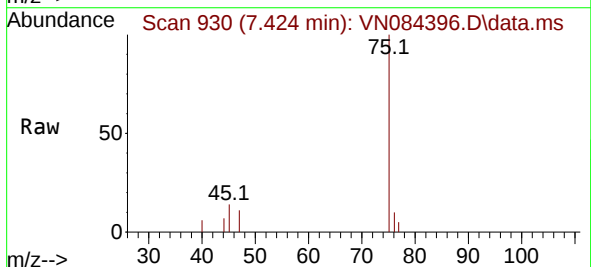
Instrument :
MSVOA_N
ClientSampleId :

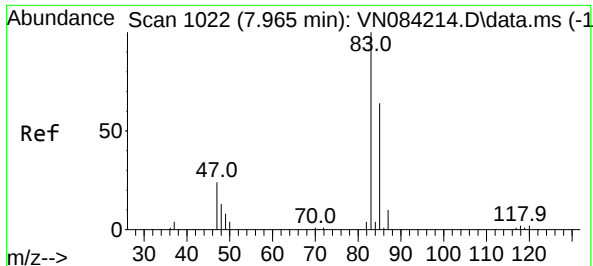
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.119 ug/l
RT: 7.424 min Scan# 930
Delta R.T. -0.065 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 77 Resp: 382
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#30

Chloroform

Concen: 0.015 ug/l

RT: 7.965 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

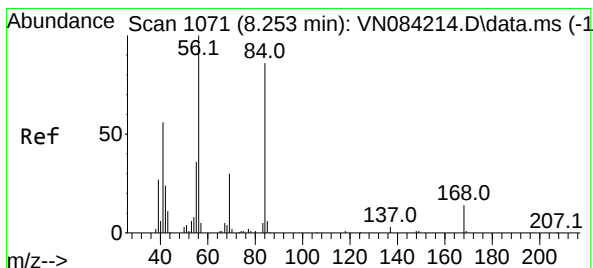
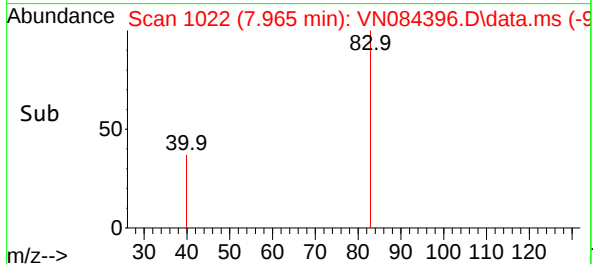
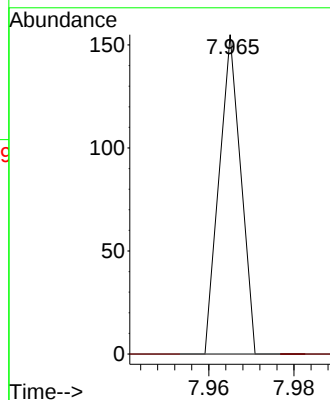
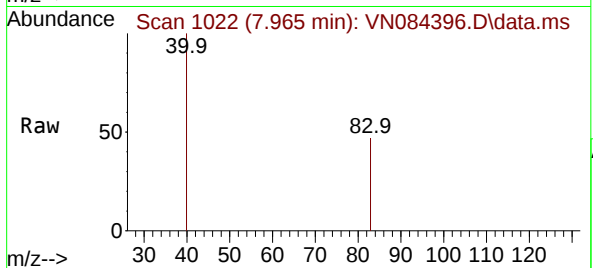
ClientSampleId :

Tgt Ion: 83 Resp: 55

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.4#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

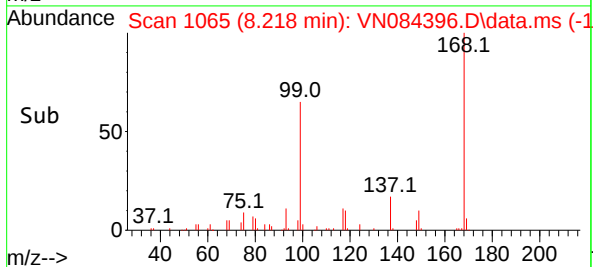
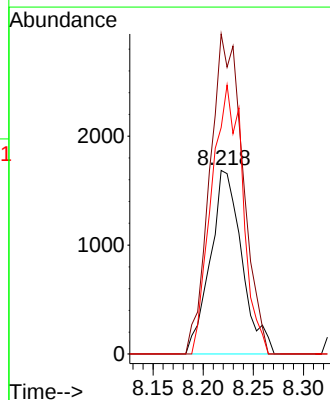
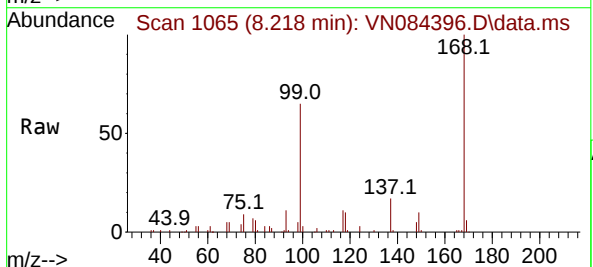
Tgt Ion: 56 Resp: 3684

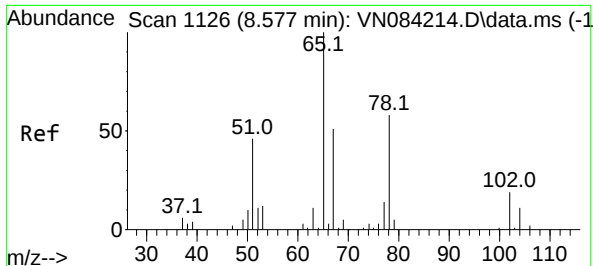
Ion Ratio Lower Upper

56 100

69 174.3 23.8 35.6#

84 123.3 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.400 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

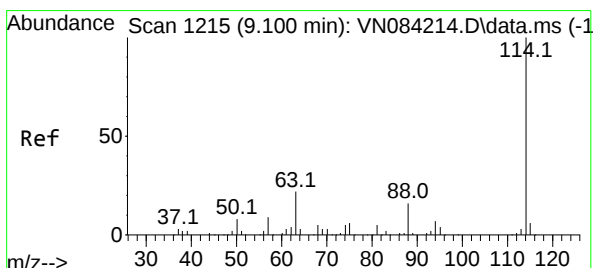
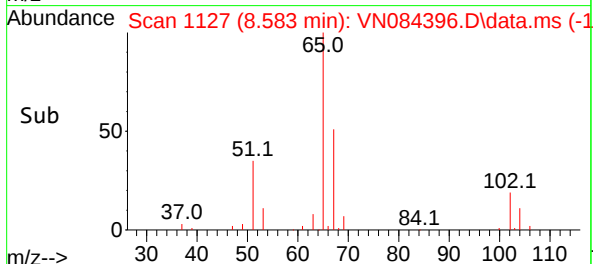
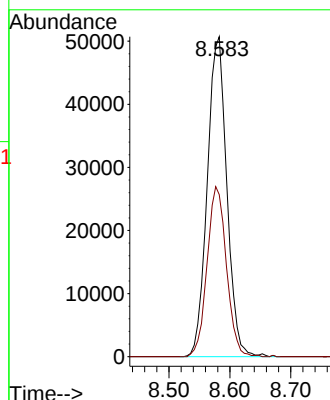
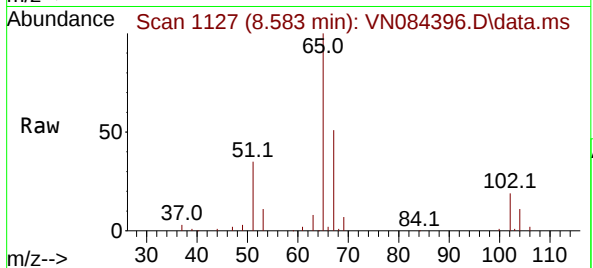
ClientSampleId :

Tgt Ion: 65 Resp: 113141

Ion Ratio Lower Upper

65 100

67 52.6 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: VN084396.D

Acq: 11 Oct 2024 12:07

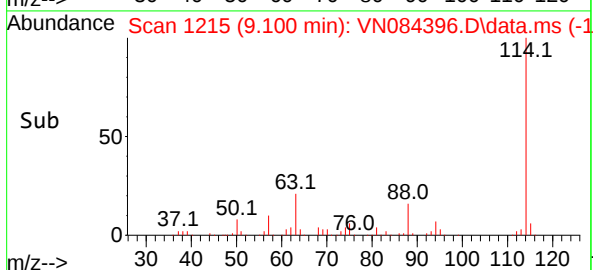
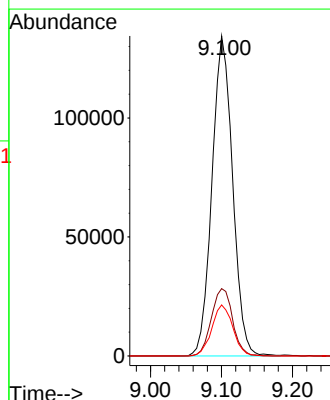
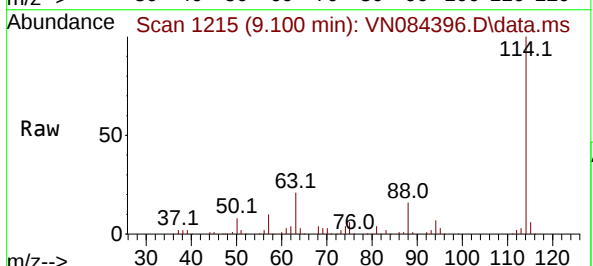
Tgt Ion: 114 Resp: 270821

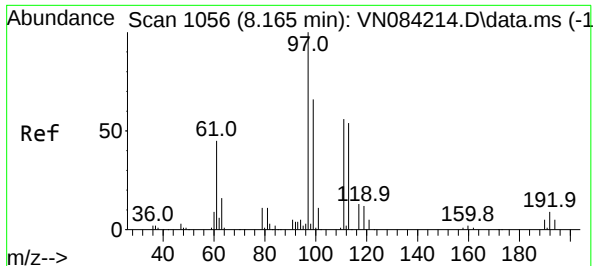
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.659 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

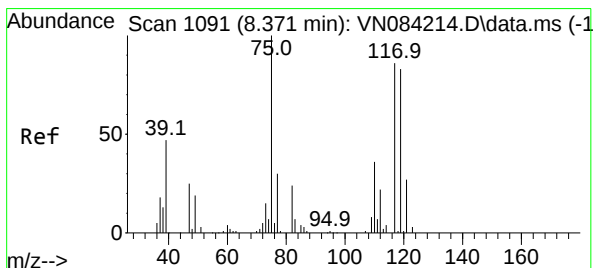
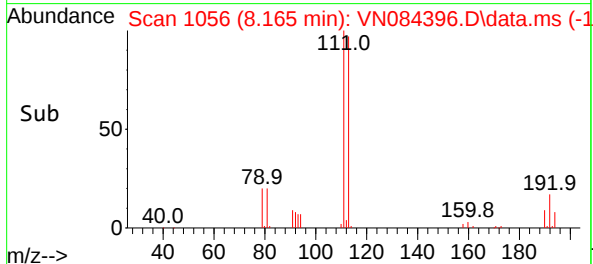
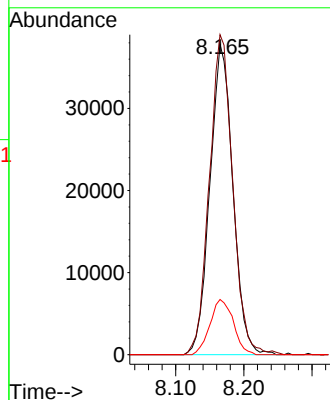
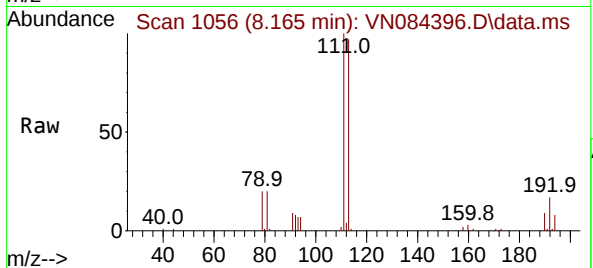
Tgt Ion:113 Resp: 88662

Ion Ratio Lower Upper

113 100

111 104.8 83.3 124.9

192 18.1 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.395 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

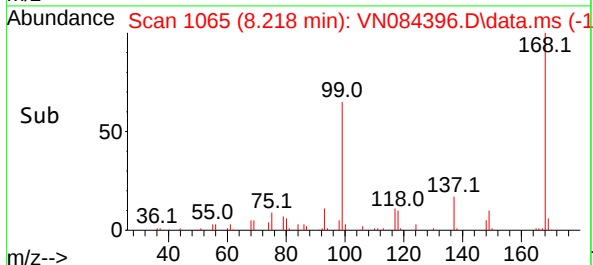
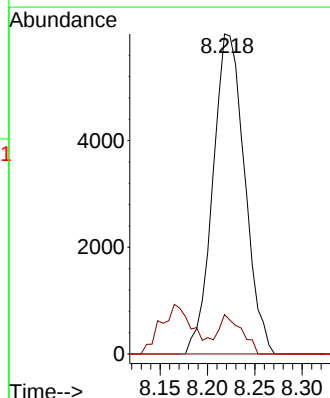
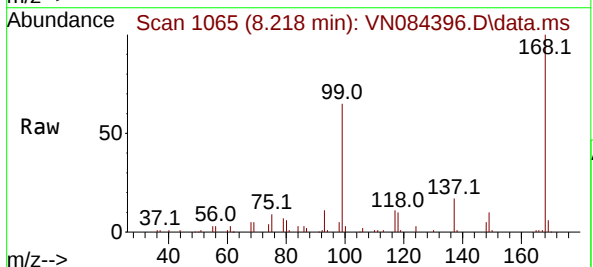
Tgt Ion: 75 Resp: 13992

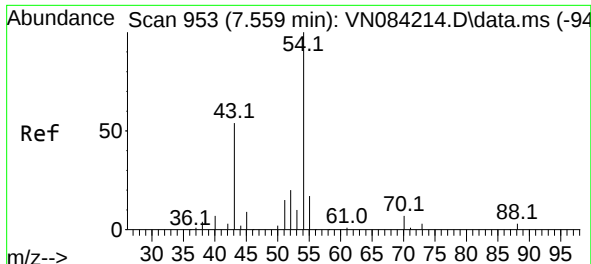
Ion Ratio Lower Upper

75 100

110 8.5 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.059 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.118 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

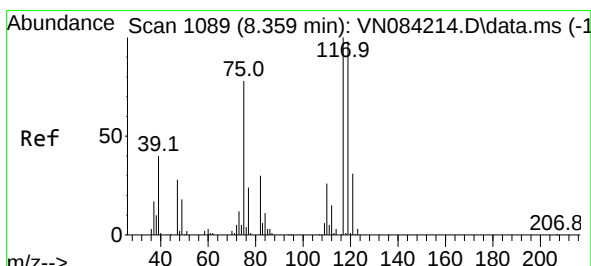
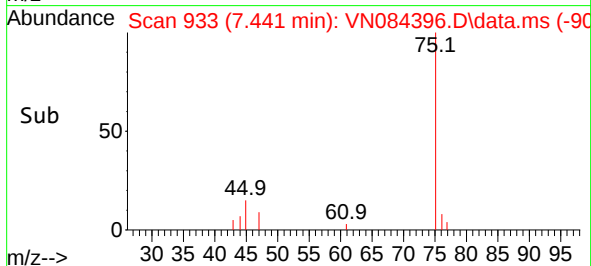
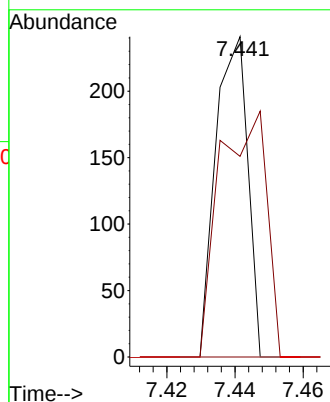
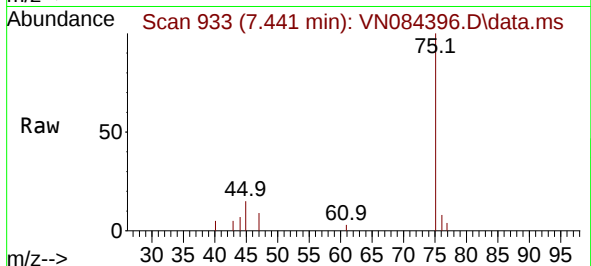
Tgt Ion: 43 Resp: 157

Ion Ratio Lower Upper

43 100

61 112.1 10.7 16.1#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.212 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

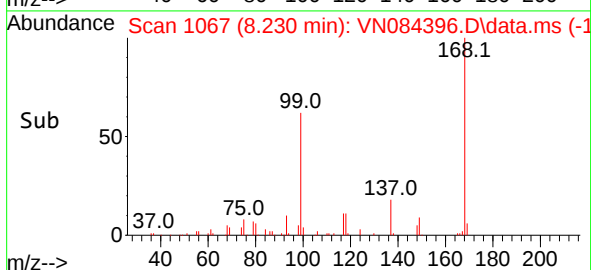
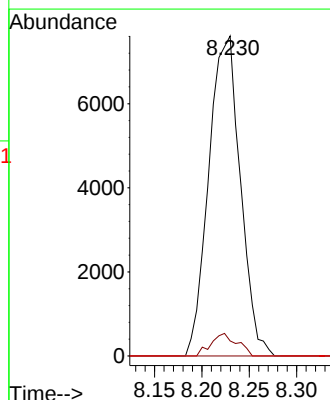
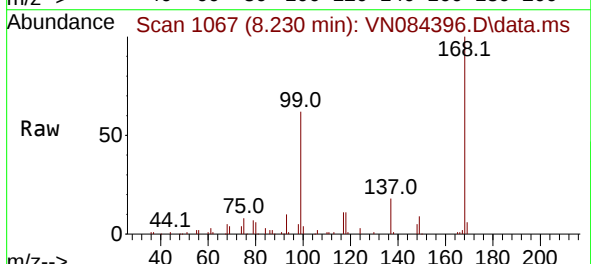
Tgt Ion: 117 Resp: 17671

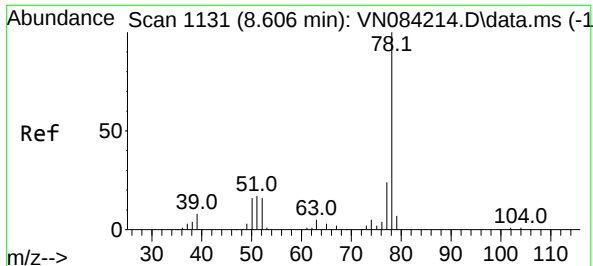
Ion Ratio Lower Upper

117 100

119 4.7 78.7 118.1#

121 0.0 24.4 36.6#





#40

Benzene

Concen: 0.018 ug/l

RT: 8.618 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

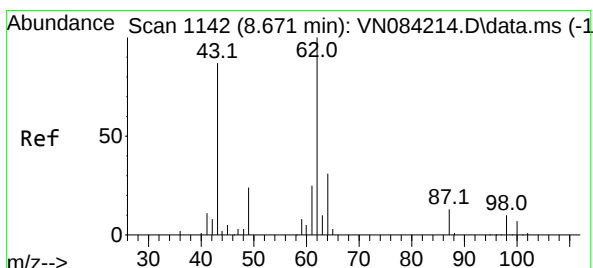
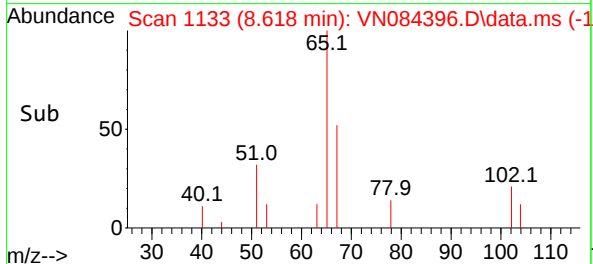
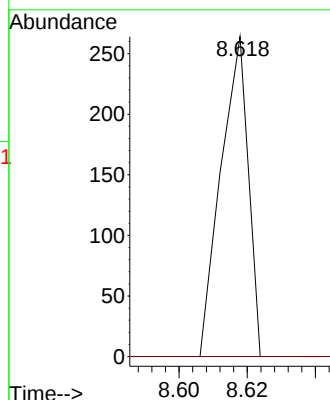
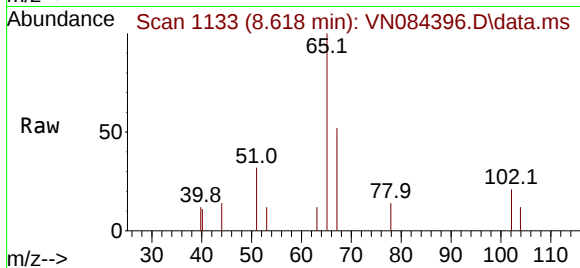
ClientSampleId :

Tgt Ion: 78 Resp: 147

Ion Ratio Lower Upper

78 100

77 0.0 19.1 28.7#



#42

1,2-Dichloroethane

Concen: 0.050 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.006 min

Lab File: VN084396.D

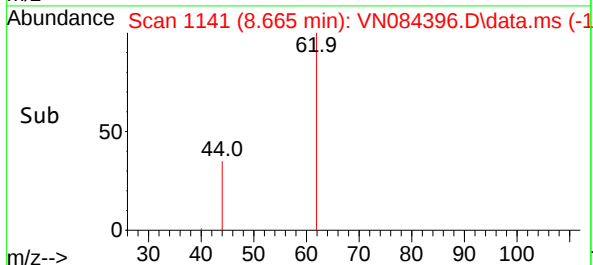
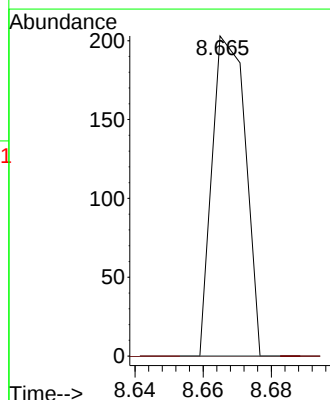
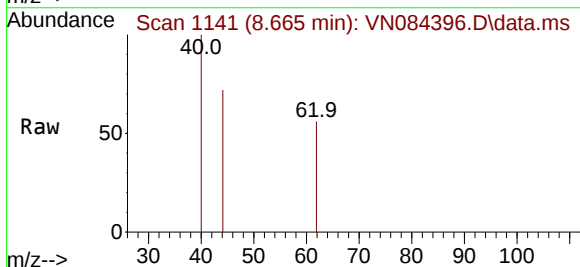
Acq: 11 Oct 2024 12:07

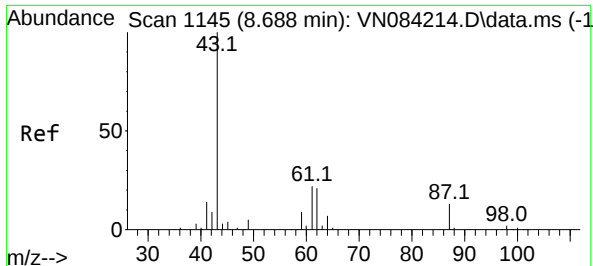
Tgt Ion: 62 Resp: 137

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.108 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

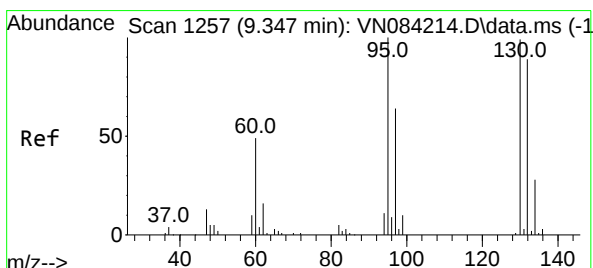
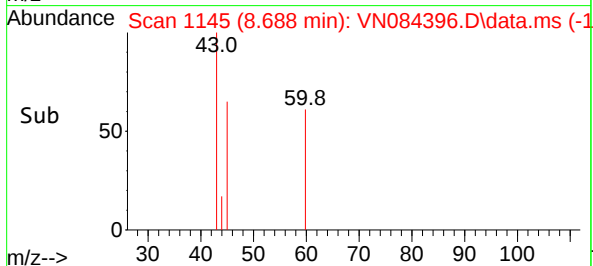
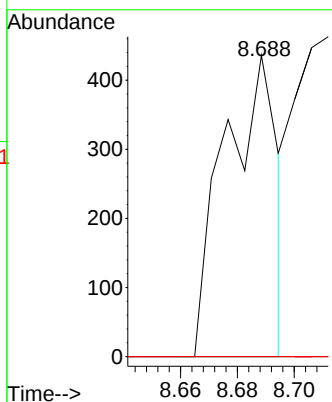
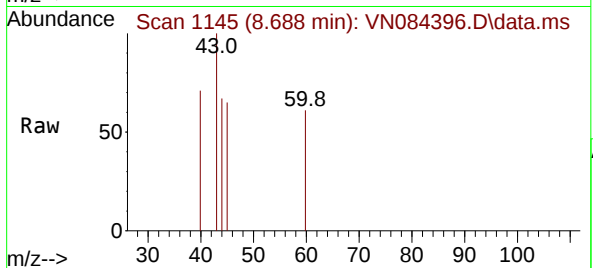
Tgt Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 0.034 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084396.D

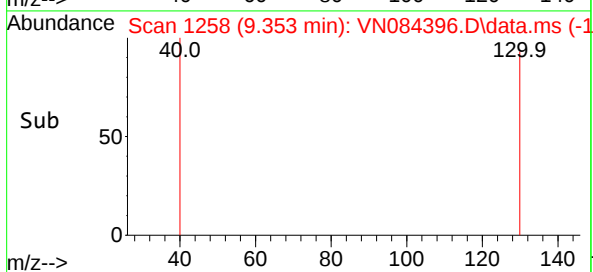
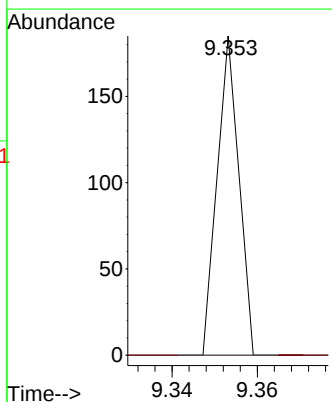
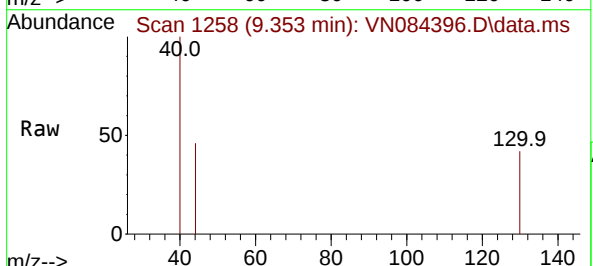
Acq: 11 Oct 2024 12:07

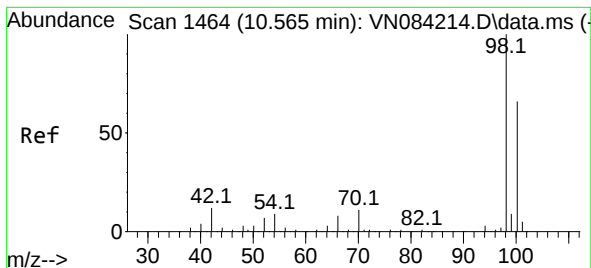
Tgt Ion:130 Resp: 65

Ion Ratio Lower Upper

130 100

95 0.0 0.0 203.0





#50

Toluene-d8

Concen: 49.614 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

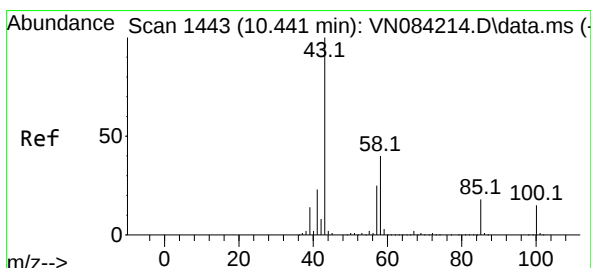
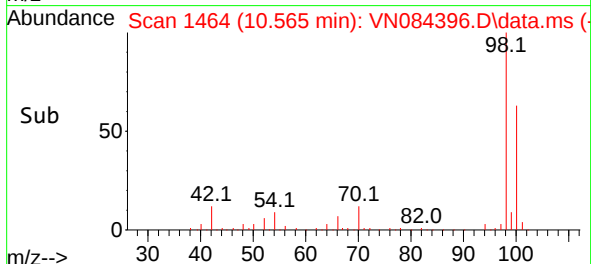
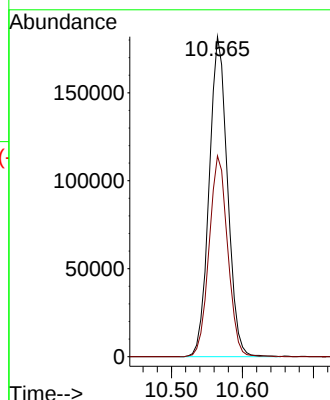
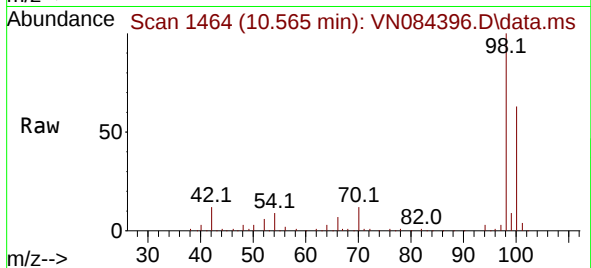
ClientSampleId :

Tgt Ion: 98 Resp: 325900

Ion Ratio Lower Upper

98 100

100 63.7 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.049 ug/l

RT: 10.435 min Scan# 1442

Delta R.T. -0.006 min

Lab File: VN084396.D

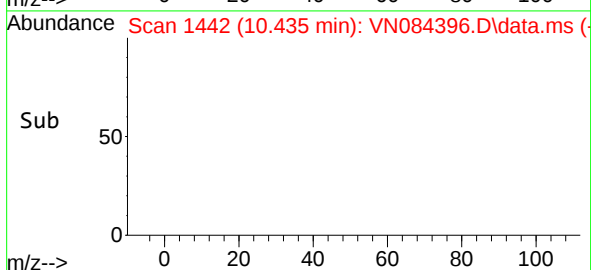
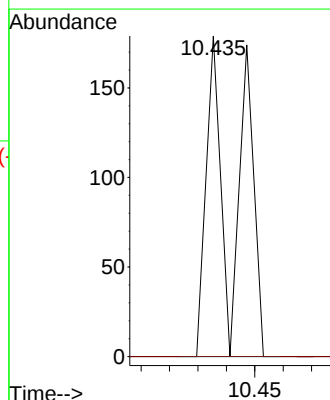
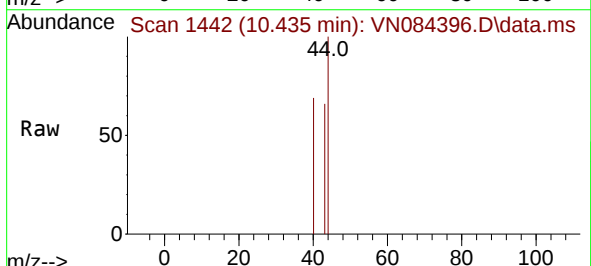
Acq: 11 Oct 2024 12:07

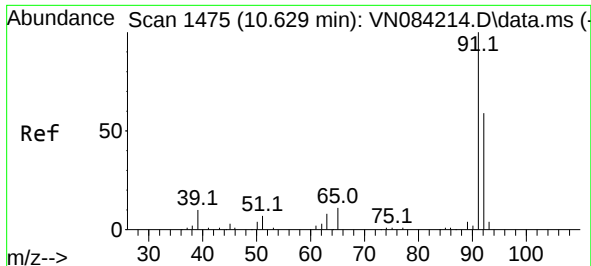
Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

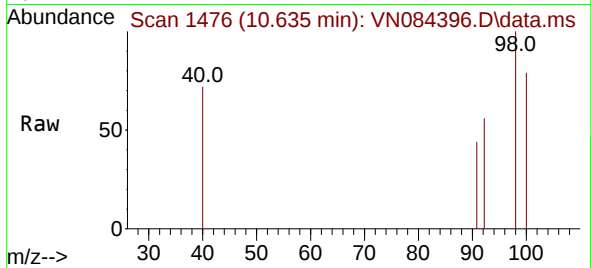
58 0.0 31.6 47.4#



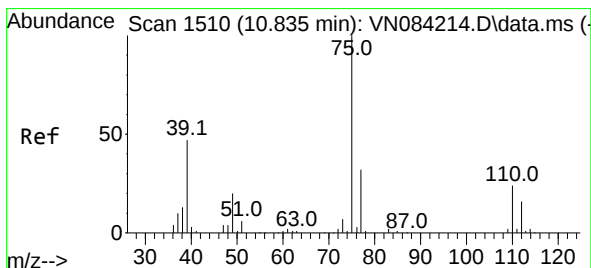
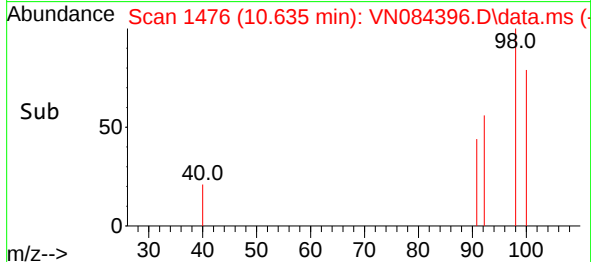
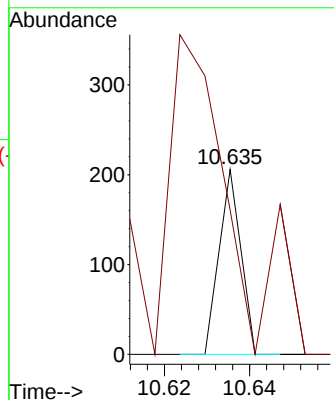


#52
Toluene
Concen: 0.015 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

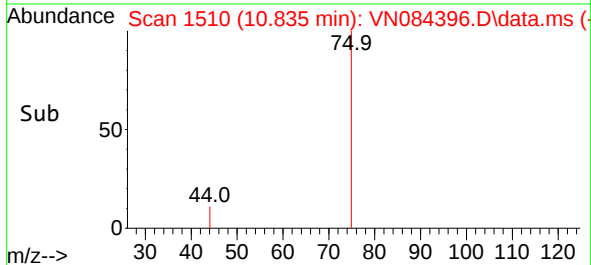
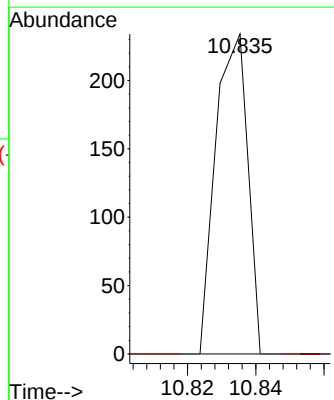
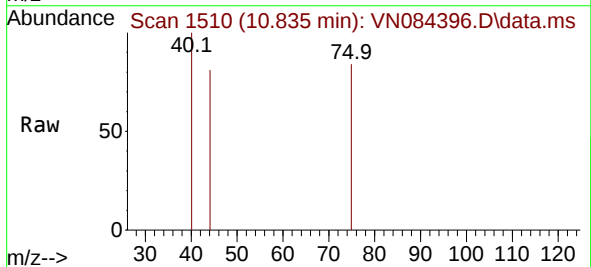


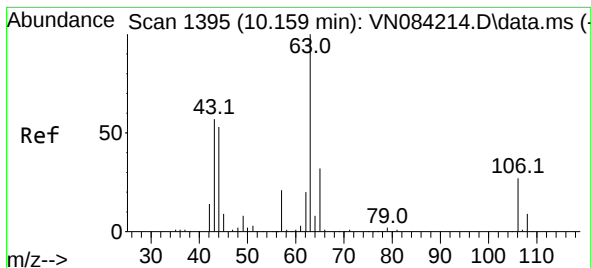
Tgt Ion: 92 Resp: 73
Ion Ratio Lower Upper
92 100
91 553.4 137.3 205.9#



#53
t-1,3-Dichloropropene
Concen: 0.052 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 75 Resp: 152
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

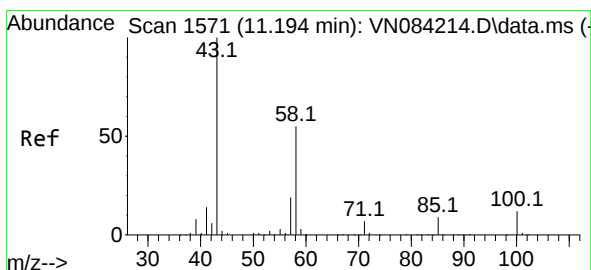
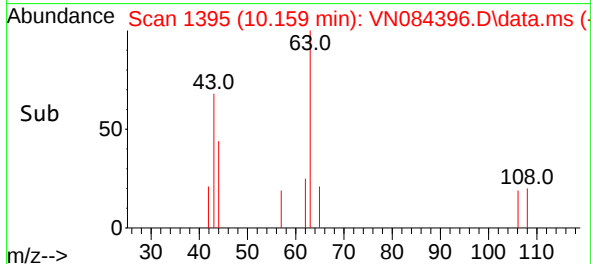
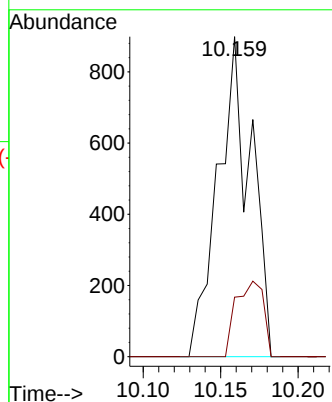
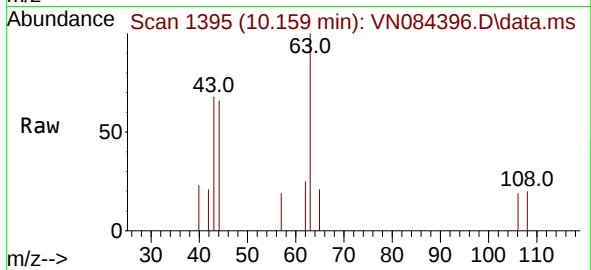




#58
2-Chloroethyl Vinyl ether
Concen: 0.988 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

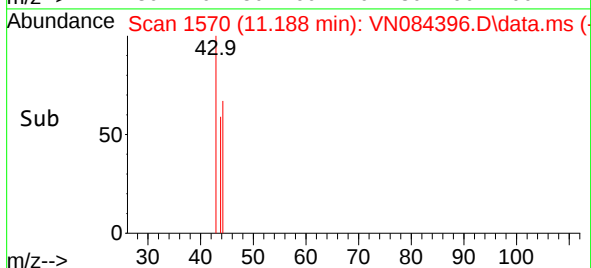
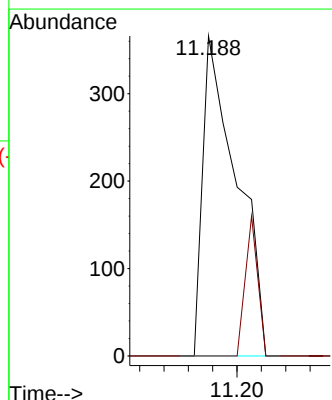
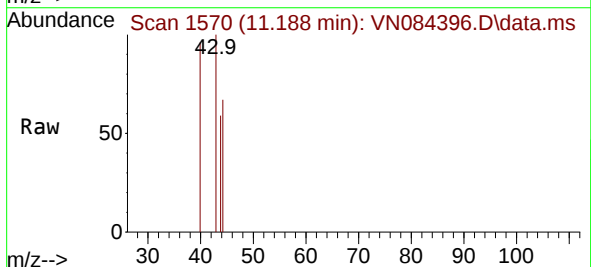
Instrument :
MSVOA_N
ClientSampleId :

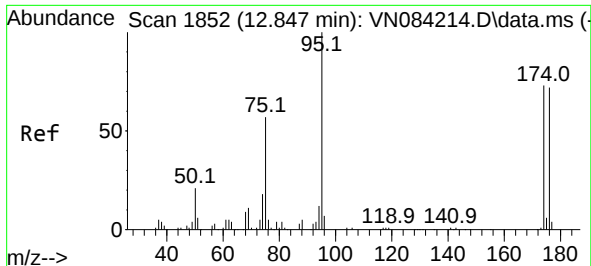
Tgt Ion: 63 Resp: 1332
Ion Ratio Lower Upper
63 100
106 19.5 21.8 32.6#



#59
2-Hexanone
Concen: 0.188 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 15.8 27.3 81.8#

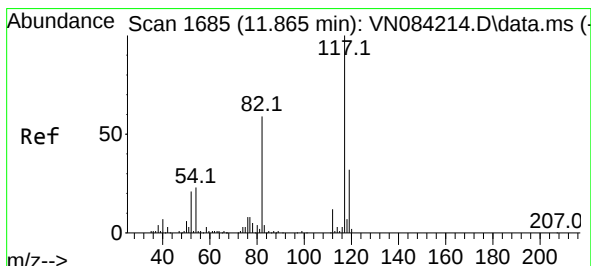
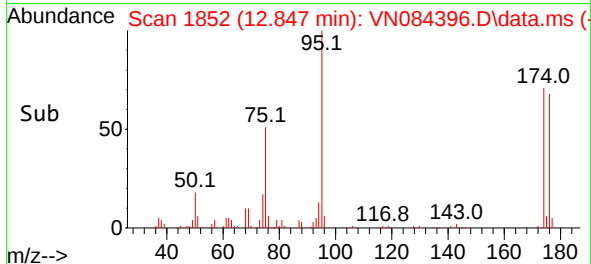
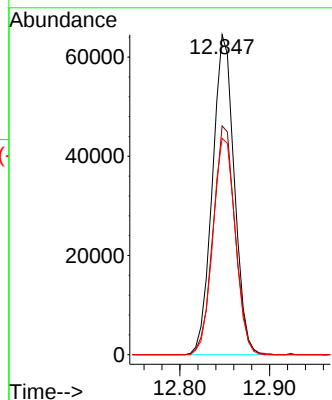
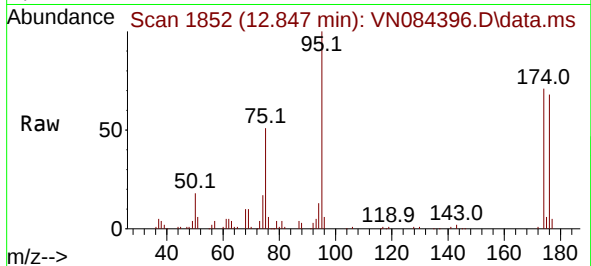




#62
4-Bromofluorobenzene
Concen: 45.538 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

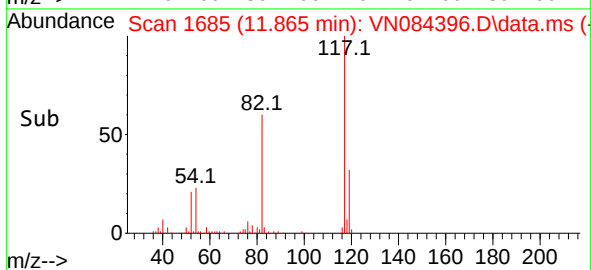
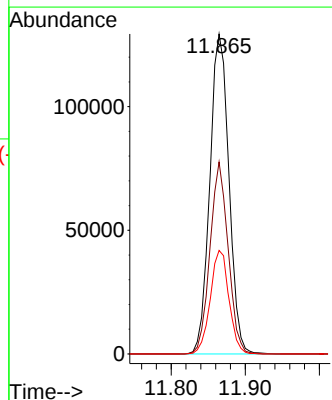
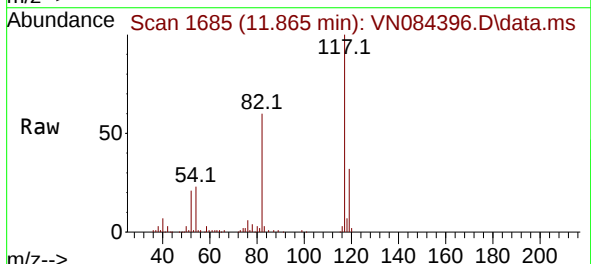
Instrument :
MSVOA_N
ClientSampleId :

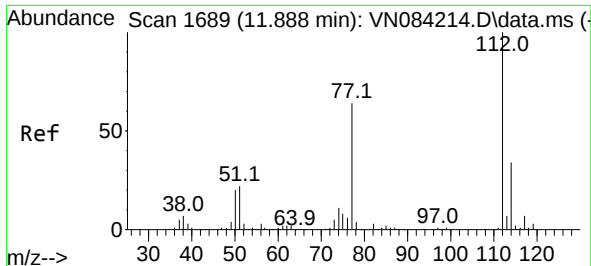
Tgt Ion: 95 Resp: 108976
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.2
176 69.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 117 Resp: 231452
Ion Ratio Lower Upper
117 100
82 60.0 47.2 70.8
119 32.4 25.4 38.0

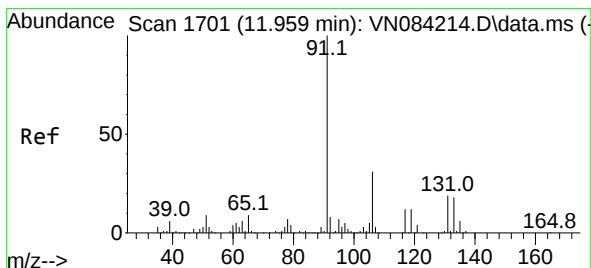
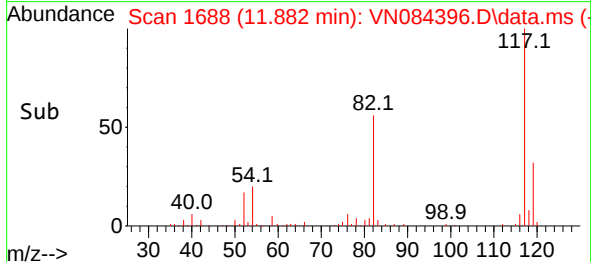
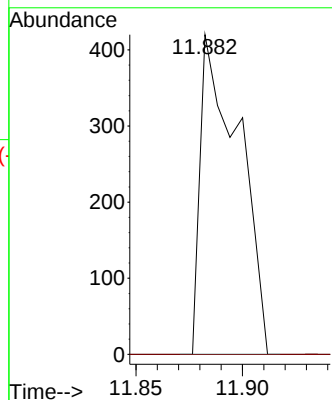
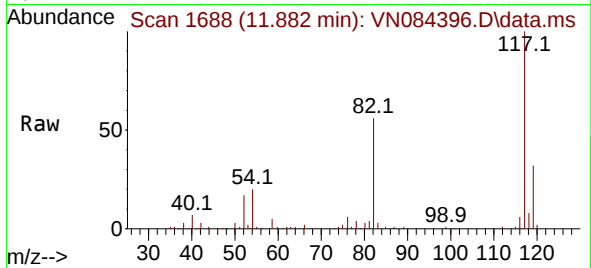




#65
Chlorobenzene
Concen: 0.103 ug/l
RT: 11.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

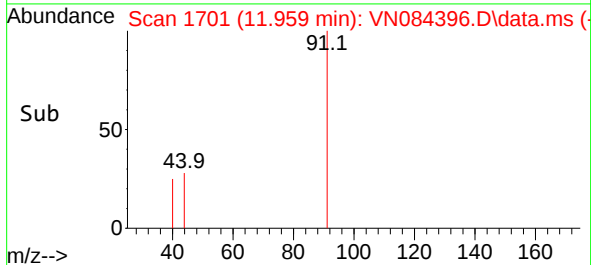
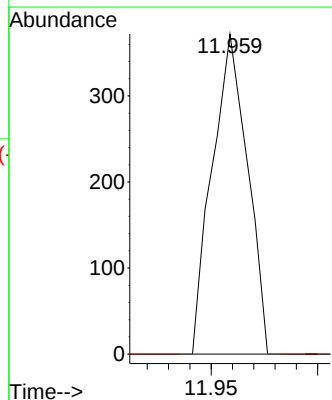
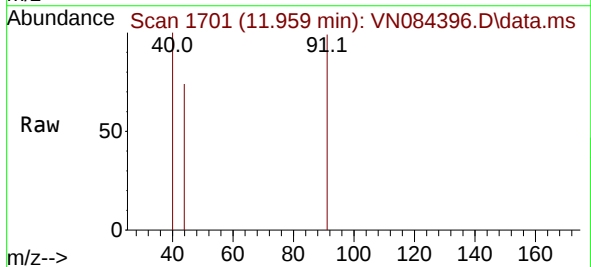
Instrument :
MSVOA_N
ClientSampleId :

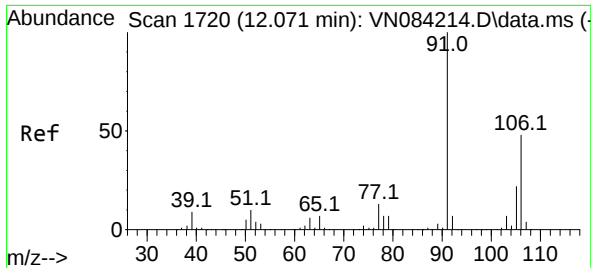
Tgt Ion:112 Resp: 530
Ion Ratio Lower Upper
112 100
114 0.0 27.0 40.6#



#67
Ethyl Benzene
Concen: 0.047 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 91 Resp: 428
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

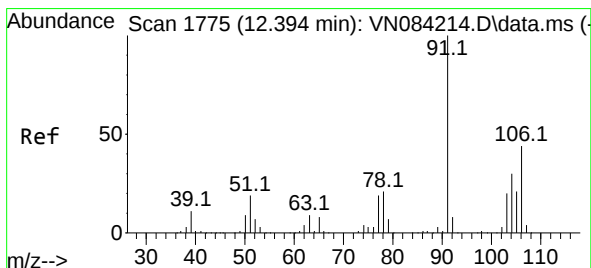
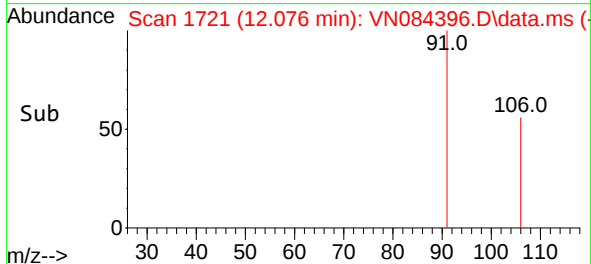
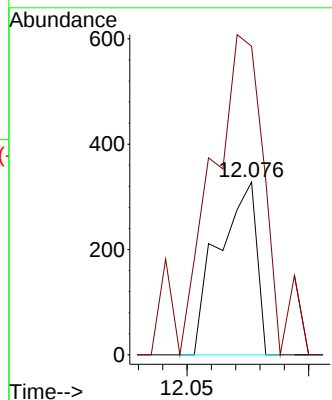
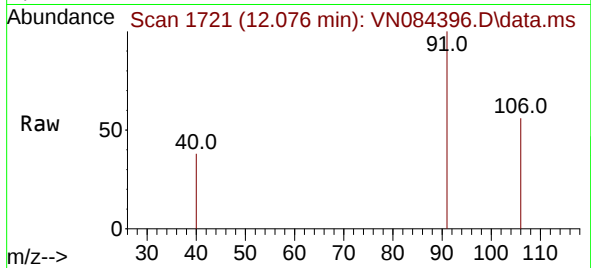




#68
m/p-Xylenes
Concen: 0.107 ug/l
RT: 12.076 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

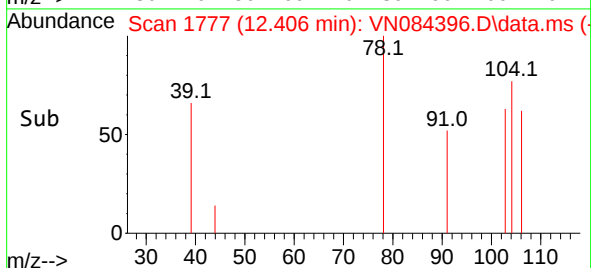
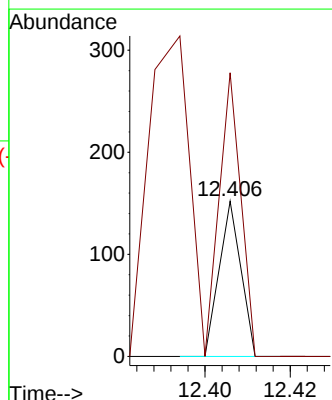
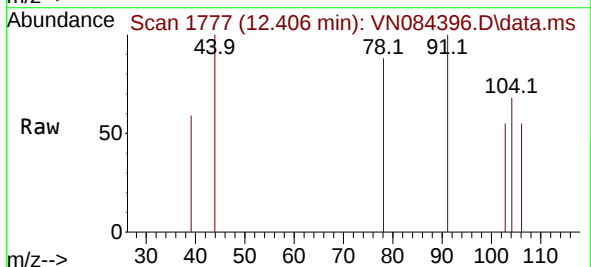
Instrument :
MSVOA_N
ClientSampleId :

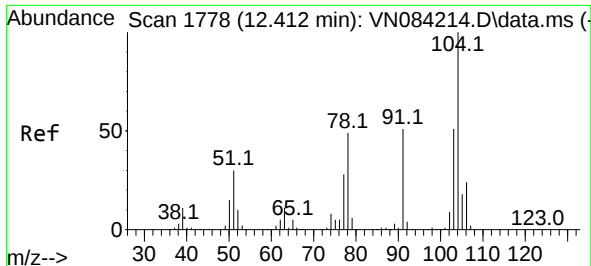
Tgt Ion:106 Resp: 358
Ion Ratio Lower Upper
106 100
91 272.9 167.1 250.7#



#69
o-Xylene
Concen: 0.017 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion:106 Resp: 54
Ion Ratio Lower Upper
106 100
91 570.4 110.2 330.6#

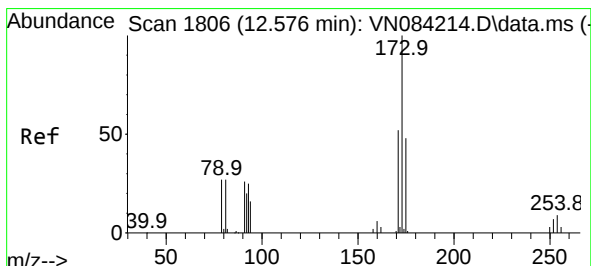
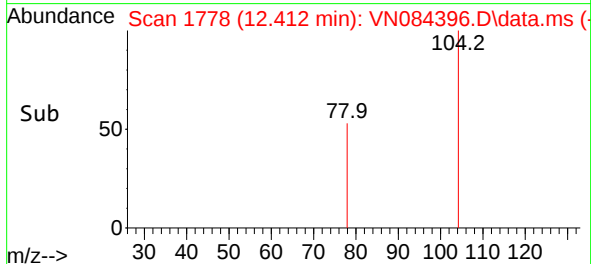
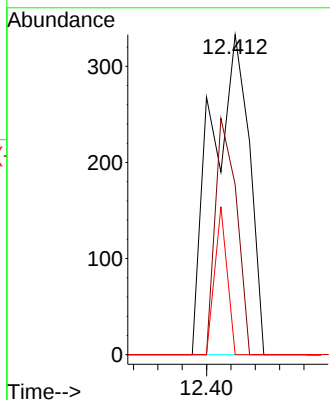
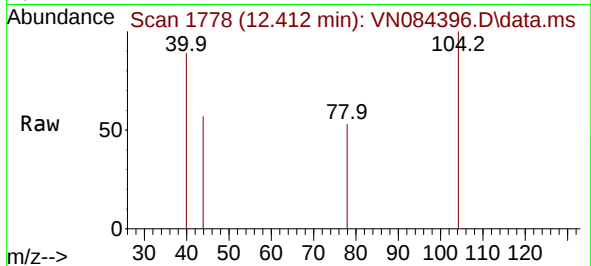




#70
Styrene
Concen: 0.067 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

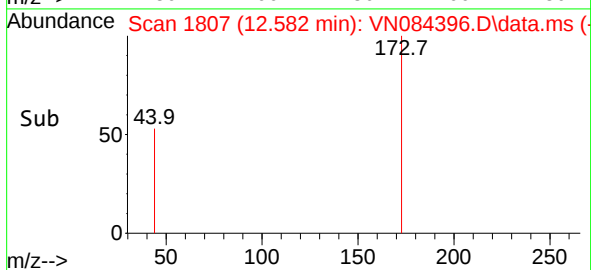
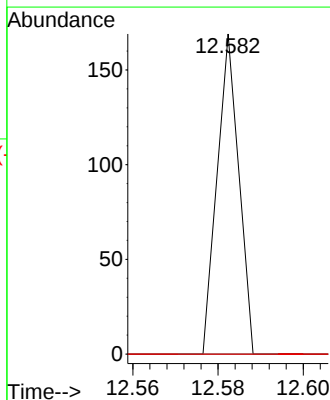
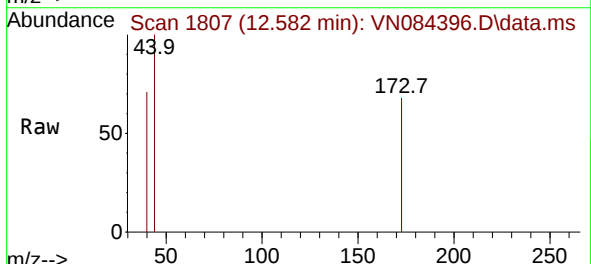
Instrument :
MSVOA_N
ClientSampleId :

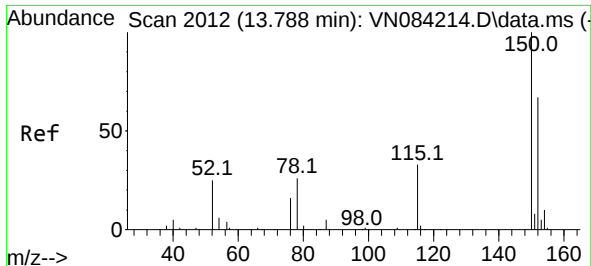
Tgt Ion:104 Resp: 358
Ion Ratio Lower Upper
104 100
78 41.6 42.7 64.1#
103 15.1 43.6 65.4#



#71
Bromoform
Concen: 0.046 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion:173 Resp: 60
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0

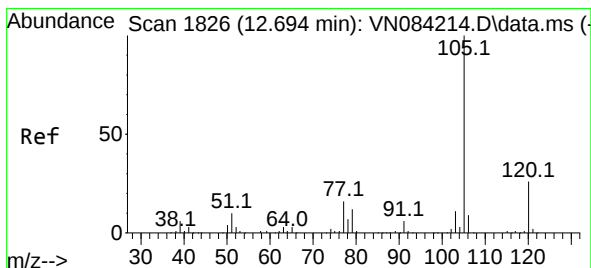
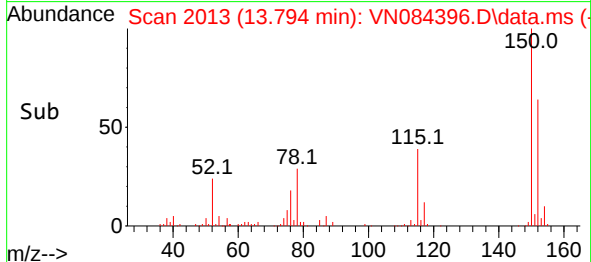
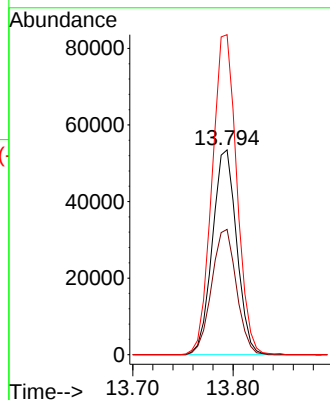
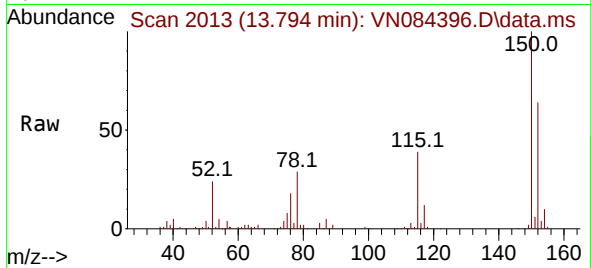




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084396.D
 Acq: 11 Oct 2024 12:07

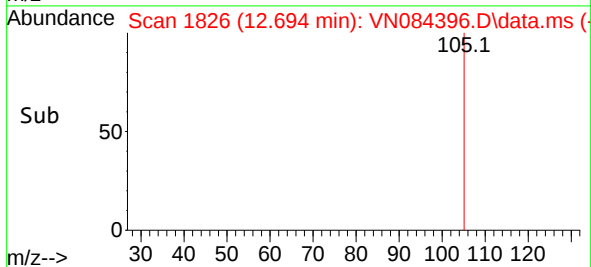
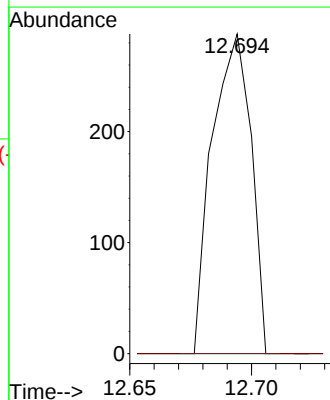
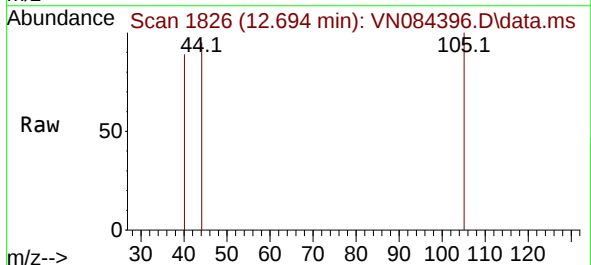
Instrument :
 MSVOA_N
 ClientSampleId :

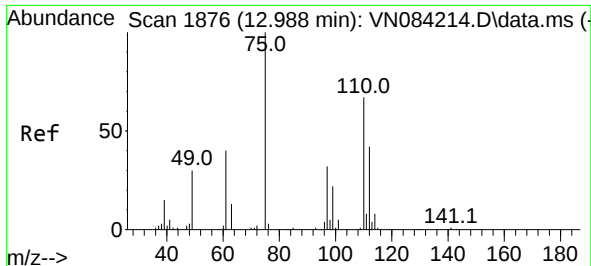
Tgt Ion:152 Resp: 89729
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.3 93.9
 150 159.3 0.0 349.8



#73
 Isopropylbenzene
 Concen: 0.047 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. 0.000 min
 Lab File: VN084396.D
 Acq: 11 Oct 2024 12:07

Tgt Ion:105 Resp: 320
 Ion Ratio Lower Upper
 105 100
 120 0.0 12.9 38.7#

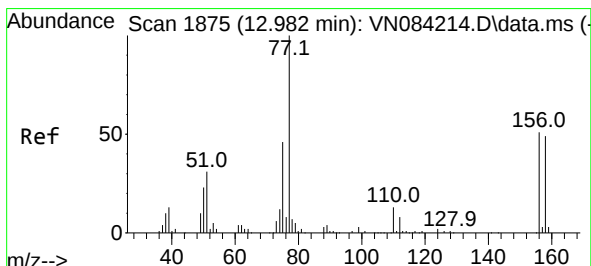
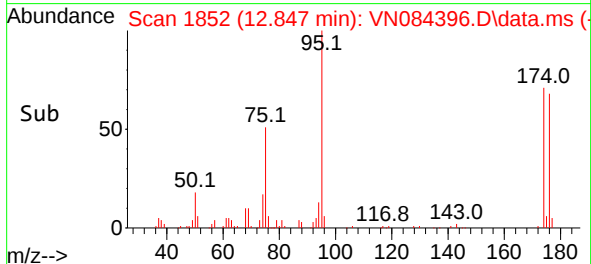
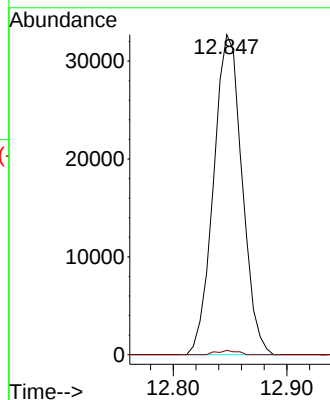
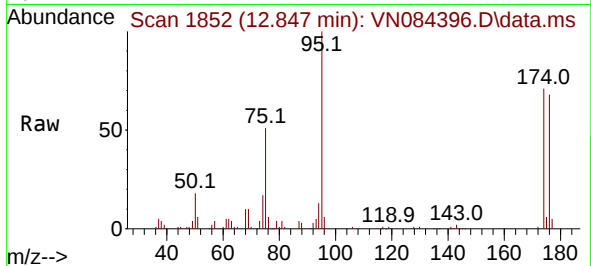




#76
1,2,3-Trichloropropane
Concen: 31.121 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

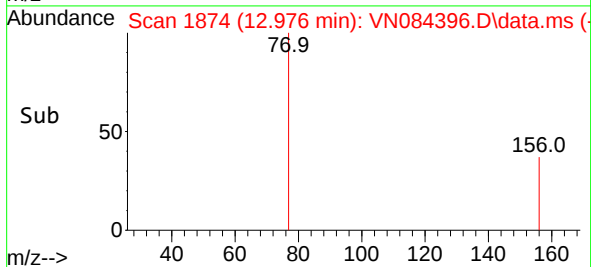
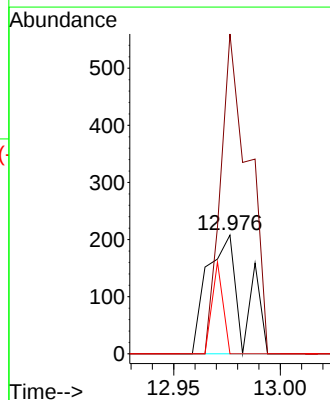
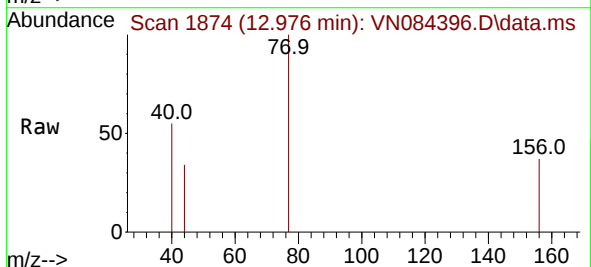
Instrument :
MSVOA_N
ClientSampleId :

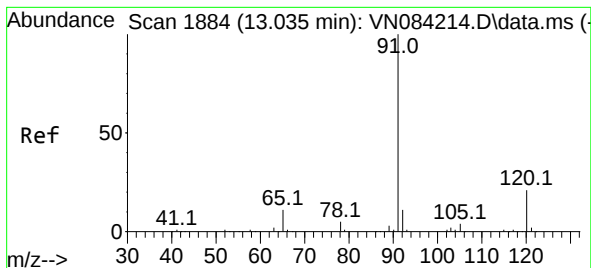
Tgt Ion: 75 Resp: 57008
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#77
Bromobenzene
Concen: 0.147 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion:156 Resp: 242
Ion Ratio Lower Upper
156 100
77 212.8 115.1 345.3
158 23.6 48.9 146.8#





#78

n-propylbenzene

Concen: 0.105 ug/l

RT: 13.035 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

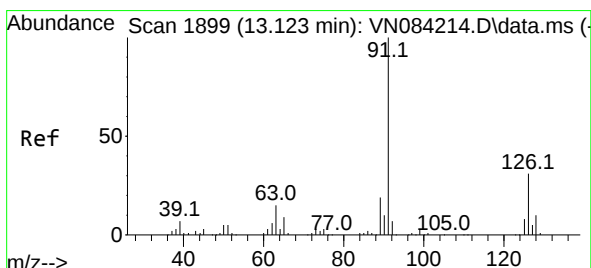
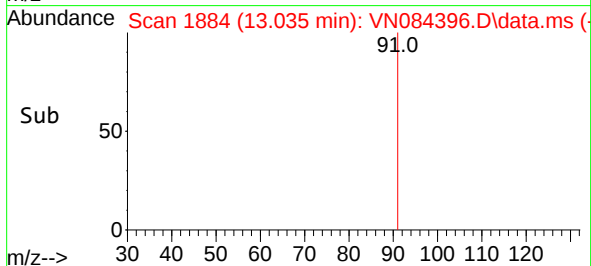
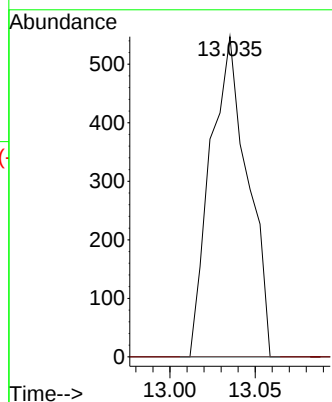
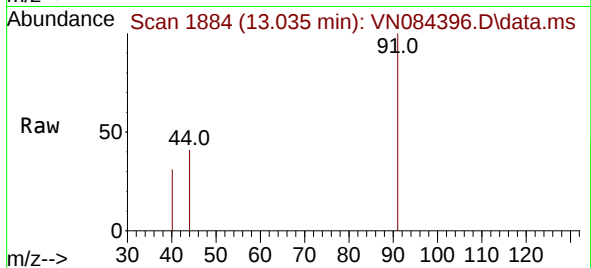
ClientSampleId :

Tgt Ion: 91 Resp: 835

Ion Ratio Lower Upper

91 100

120 0.0 10.8 32.4#



#79

2-Chlorotoluene

Concen: 0.127 ug/l

RT: 13.229 min Scan# 1917

Delta R.T. 0.106 min

Lab File: VN084396.D

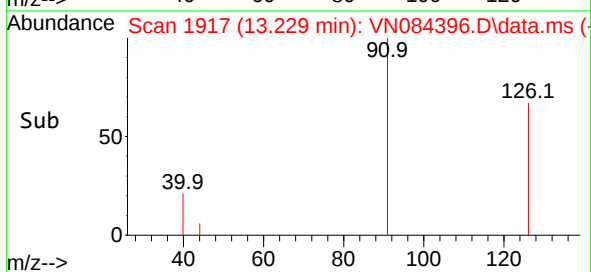
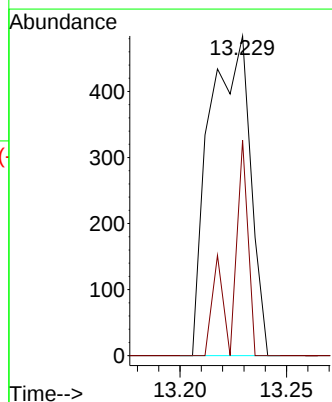
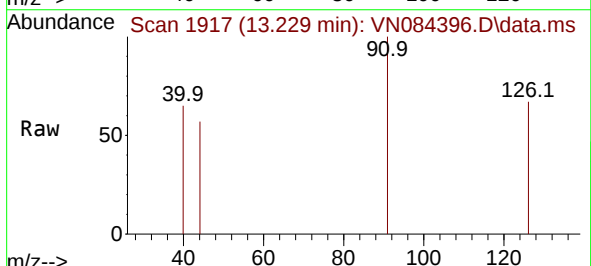
Acq: 11 Oct 2024 12:07

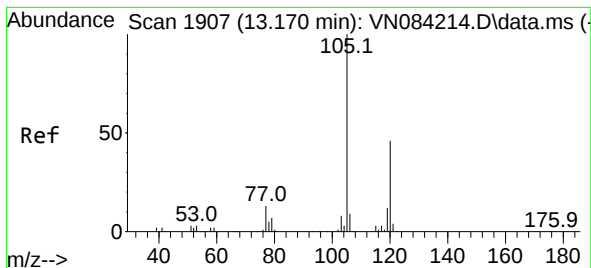
Tgt Ion: 91 Resp: 645

Ion Ratio Lower Upper

91 100

126 26.2 15.7 47.1





#80

1,3,5-Trimethylbenzene

Concen: 0.089 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

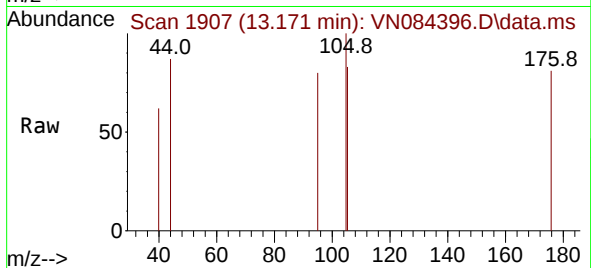
Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

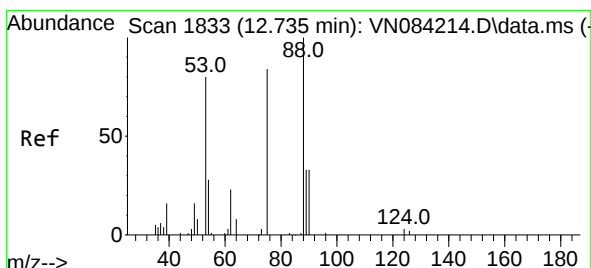
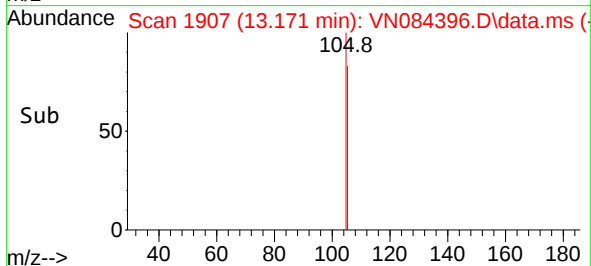
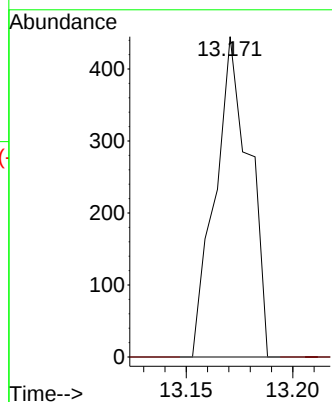


Tgt Ion:105 Resp: 496

Ion Ratio Lower Upper

105 100

120 0.0 23.7 71.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.610 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

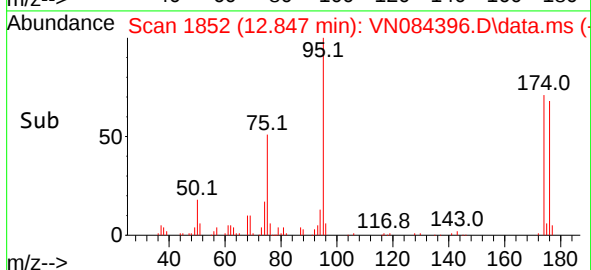
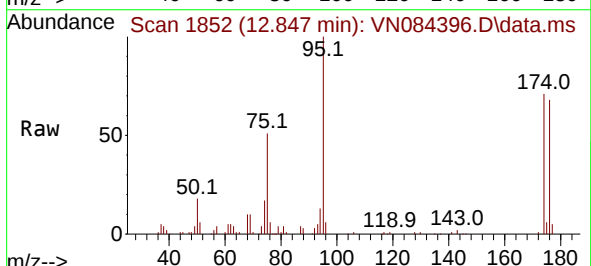
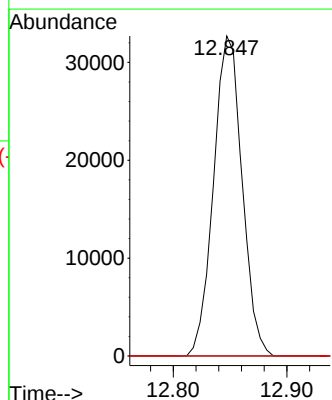
Tgt Ion: 75 Resp: 57008

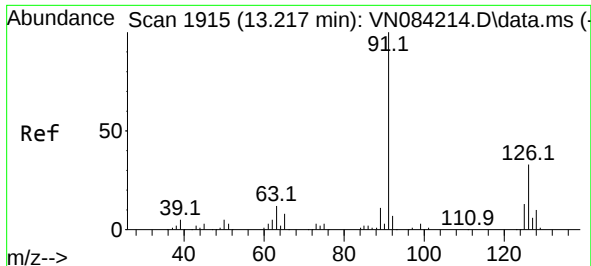
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

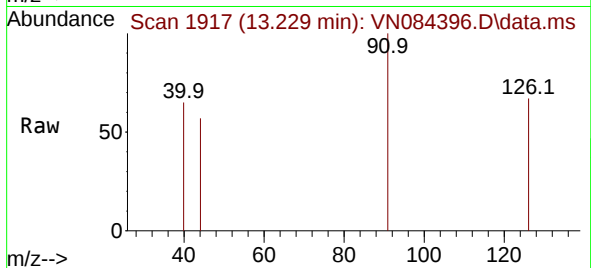
89 0.0 35.5 53.3#



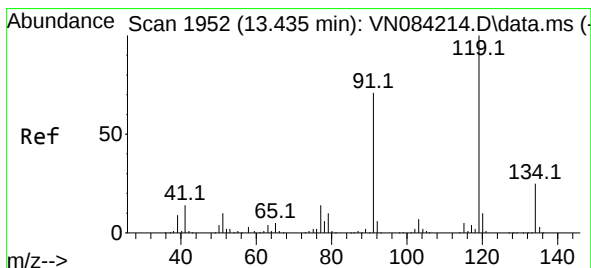
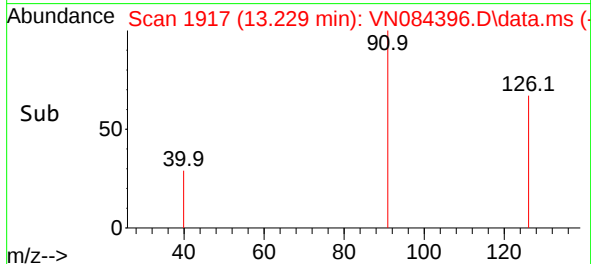
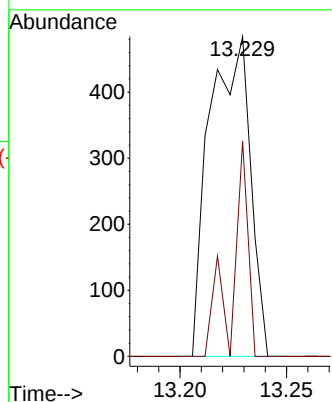


#82
4-Chlorotoluene
Concen: 0.127 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.012 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

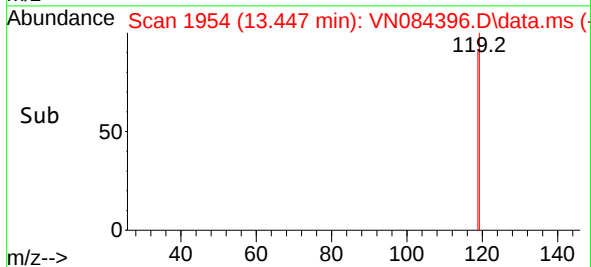
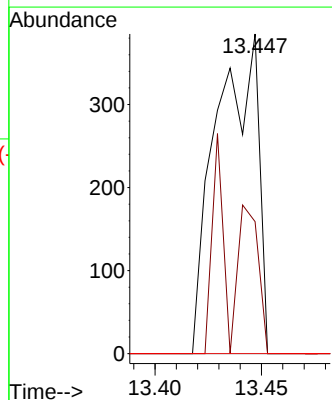
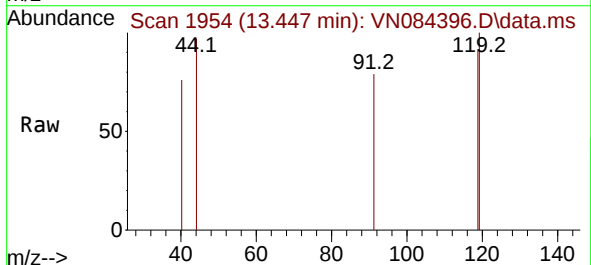


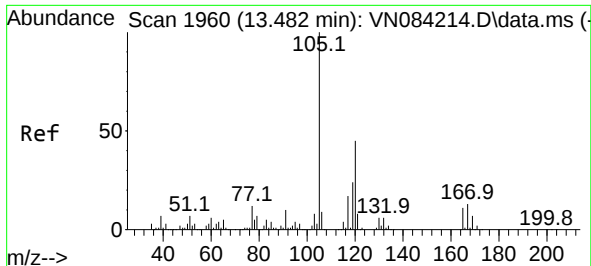
Tgt Ion: 91 Resp: 645
Ion Ratio Lower Upper
91 100
126 26.2 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.106 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.012 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

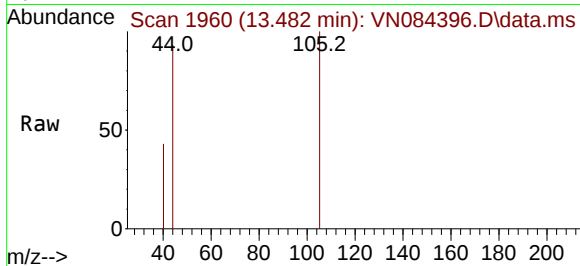
Tgt Ion: 119 Resp: 527
Ion Ratio Lower Upper
119 100
91 17.8 34.1 102.3#
134 0.0 12.8 38.4#



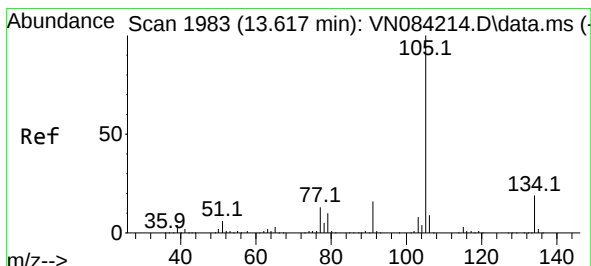
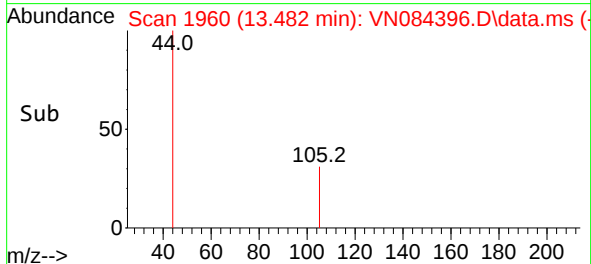
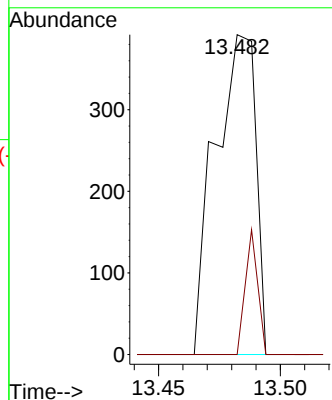


#84
1,2,4-Trimethylbenzene
Concen: 0.081 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

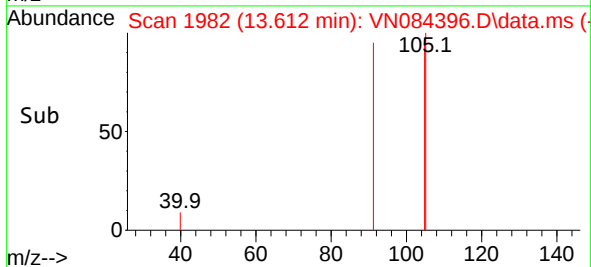
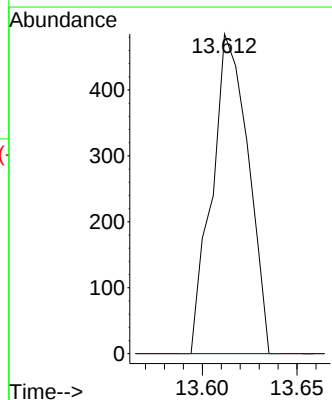
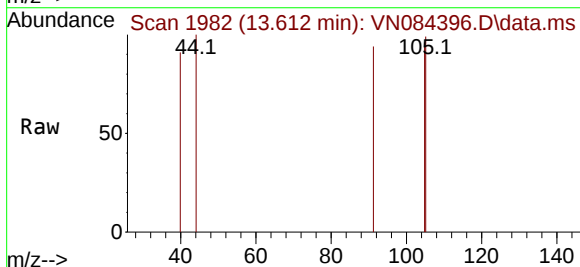


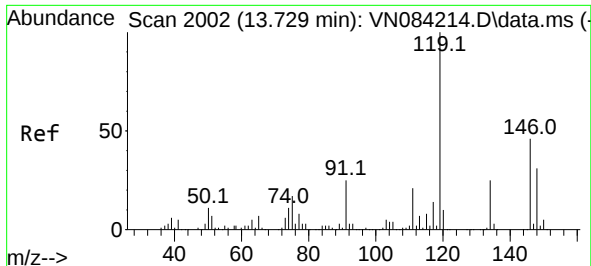
Tgt Ion:105 Resp: 456
Ion Ratio Lower Upper
105 100
120 11.8 22.3 66.8#



#85
sec-Butylbenzene
Concen: 0.097 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

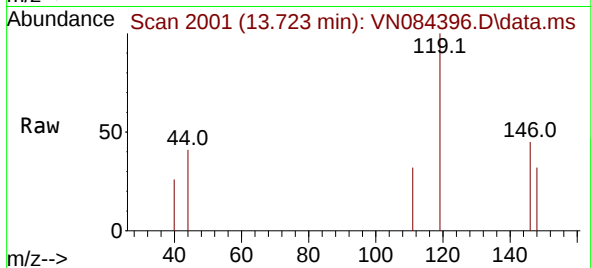
Tgt Ion:105 Resp: 645
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#



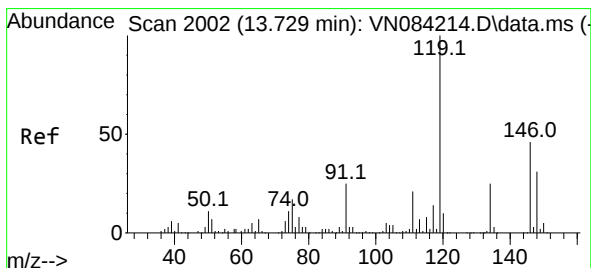
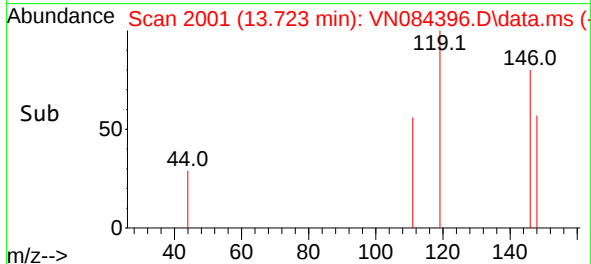
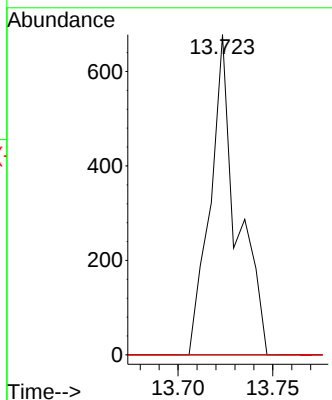


#86
p-Isopropyltoluene
Concen: 0.121 ug/l
RT: 13.723 min Scan# 2000
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

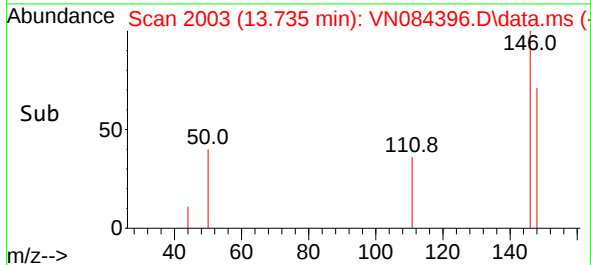
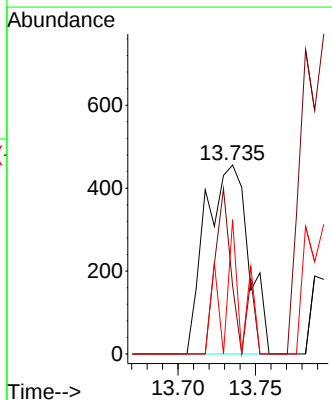
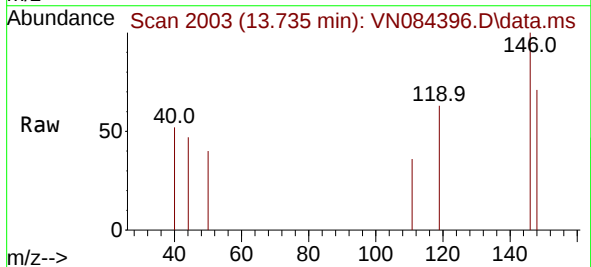


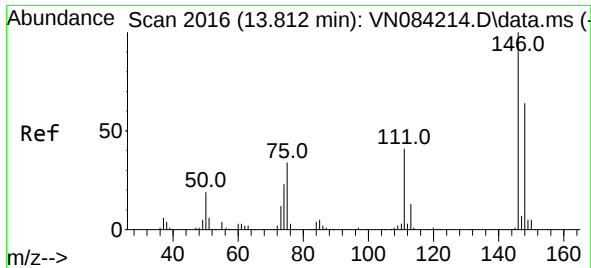
Tgt Ion:119 Resp: 665
Ion Ratio Lower Upper
119 100
134 0.0 12.6 37.8#
91 0.0 12.4 37.2#



#87
1,3-Dichlorobenzene
Concen: 0.285 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

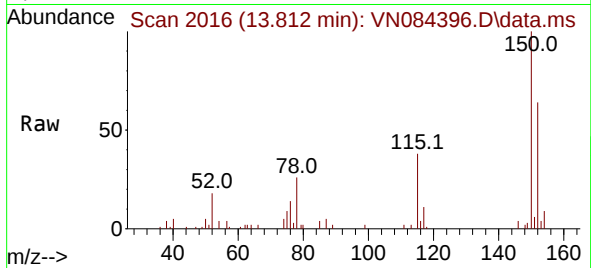
Tgt Ion:146 Resp: 882
Ion Ratio Lower Upper
146 100
111 38.4 21.8 65.3
148 21.4 31.9 95.7#



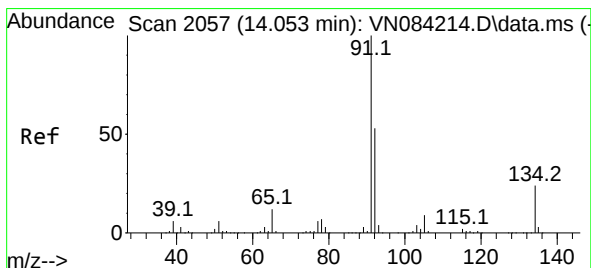
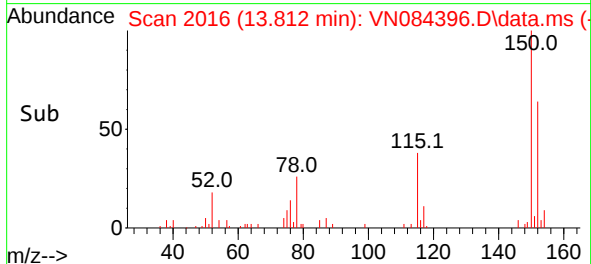
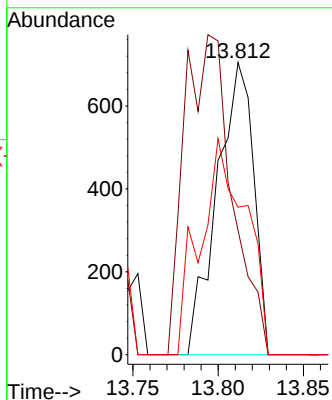


#88
1,4-Dichlorobenzene
Concen: 0.337 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

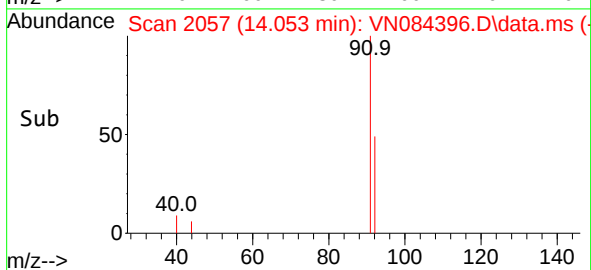
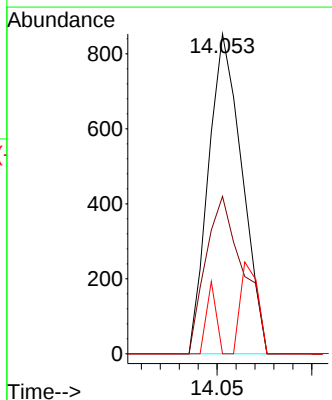
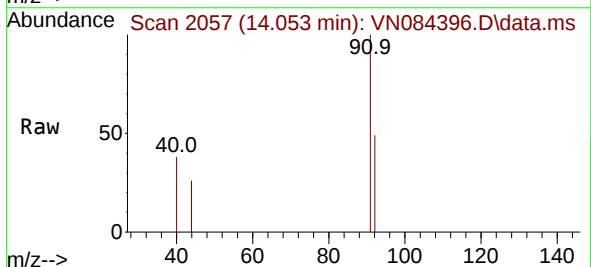


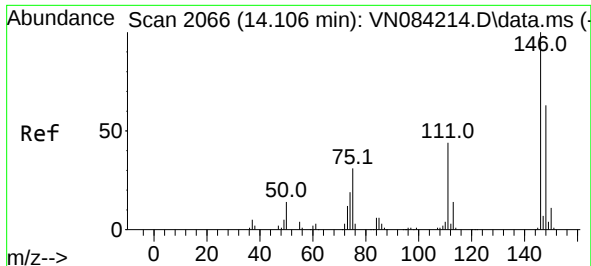
Tgt Ion:146 Resp: 1055
Ion Ratio Lower Upper
146 100
111 141.8 21.2 63.6#
148 91.8 31.9 95.9



#89
n-Butylbenzene
Concen: 0.211 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Tgt Ion: 91 Resp: 1047
Ion Ratio Lower Upper
91 100
92 54.5 26.6 79.7
134 6.5 12.3 36.9#





#91

1,2-Dichlorobenzene

Concen: 0.179 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

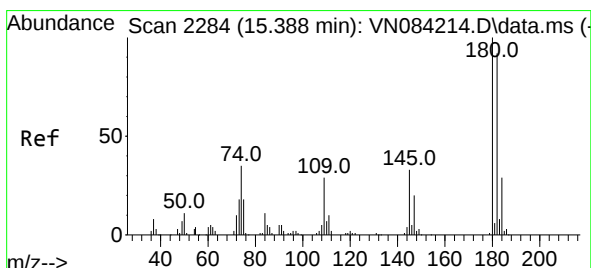
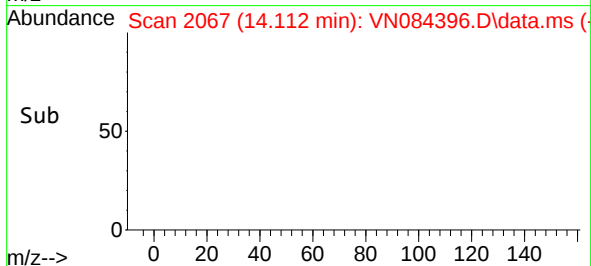
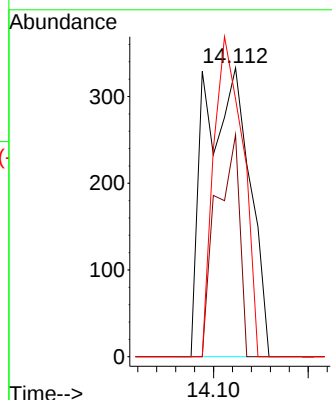
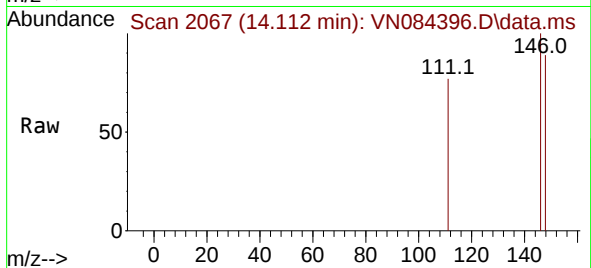
Tgt Ion:146 Resp: 545

Ion Ratio Lower Upper

146 100

111 40.2 22.0 66.0

148 72.8 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 0.608 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084396.D

Acq: 11 Oct 2024 12:07

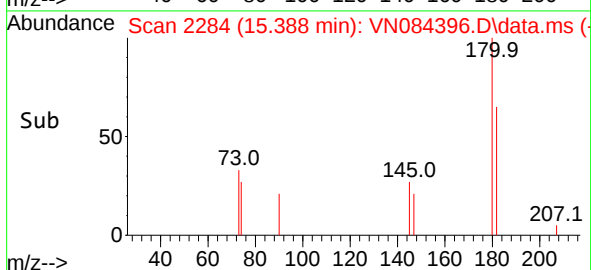
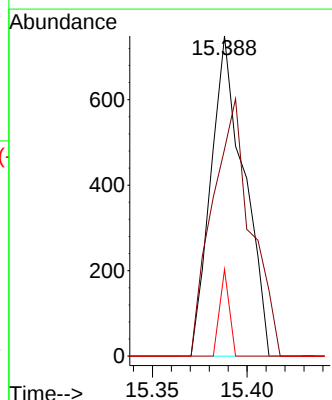
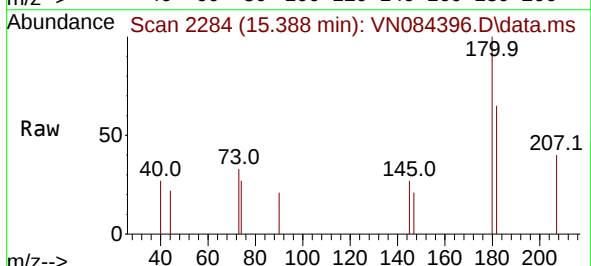
Tgt Ion:180 Resp: 910

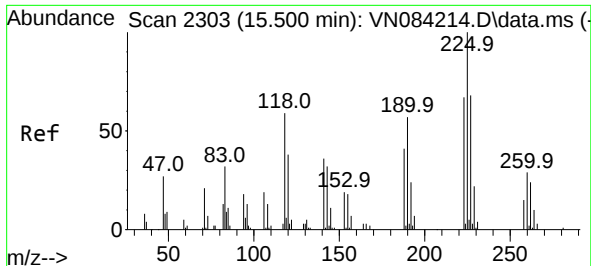
Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.0

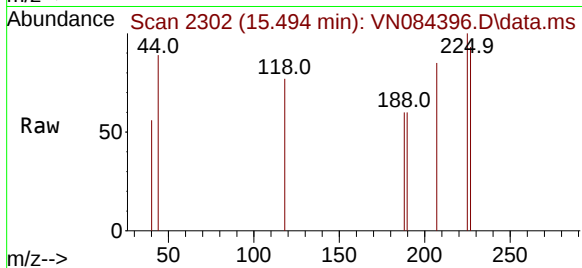
145 7.9 16.4 49.4#



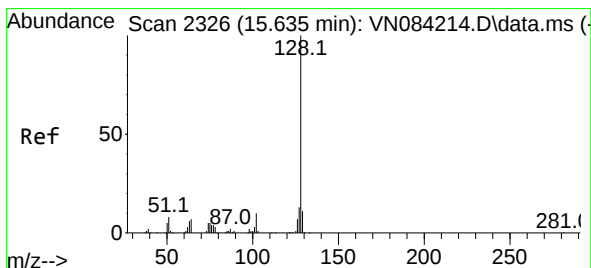
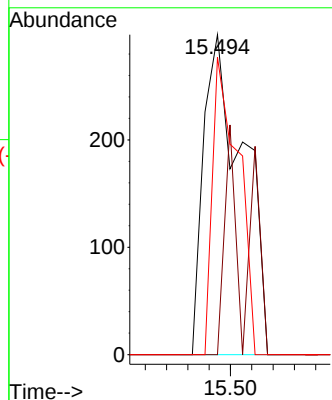
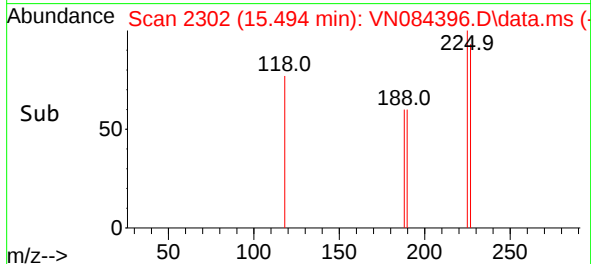


#94
Hexachlorobutadiene
Concen: 0.513 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :

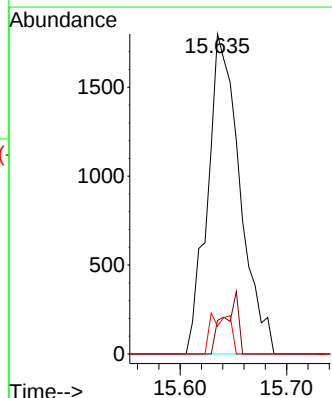
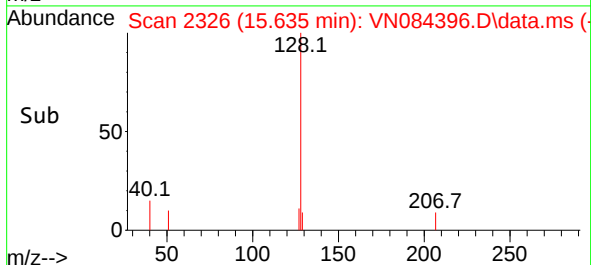
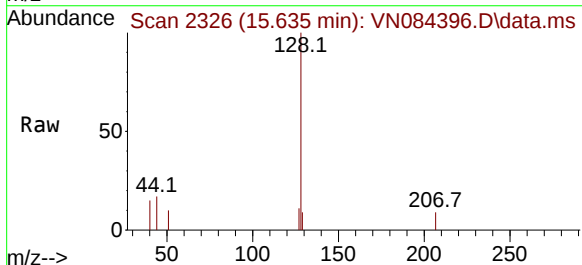


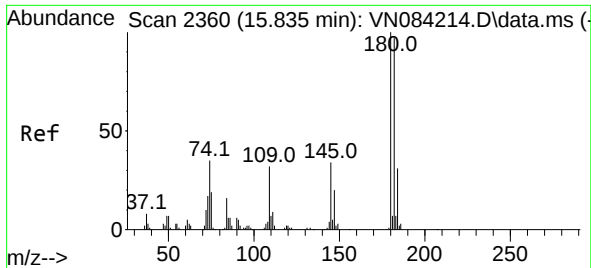
Tgt Ion:225 Resp: 383
Ion Ratio Lower Upper
225 100
223 37.6 32.4 97.2
227 60.6 32.4 97.0



#95
Naphthalene
Concen: 0.765 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084396.D
Acq: 11 Oct 2024 12:07

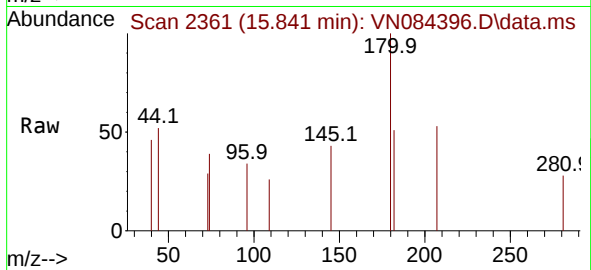
Tgt Ion:128 Resp: 3794
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 7.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.601 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084396.D
 Acq: 11 Oct 2024 12:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	901
Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.2	144.6
145	23.0	17.3	51.9

