

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
 Data File : VN084393.D
 Acq On : 11 Oct 2024 10:45
 Operator : JC\MD
 Sample : VN1011WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 02:03:41 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	168582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123591	49.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.900%
35) Dibromofluoromethane	8.165	113	97263	50.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.565	98	350318	49.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.847	95	118719	45.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.980%

Target Compounds						Qvalue
3) Chloromethane	2.365	50	222	0.098	ug/l #	41
5) Bromomethane	2.971	94	199	0.137	ug/l	84
6) Chloroethane	3.130	64	151	0.096	ug/l #	45
10) Methyl Iodide	4.595	142	190	0.075	ug/l #	40
11) Tert butyl alcohol	5.483	59	59	0.143	ug/l #	73
17) Carbon Disulfide	4.700	76	481	0.080	ug/l #	75
18) Methyl Acetate	5.047	43	119	0.051	ug/l #	51
20) Methylene Chloride	5.289	84	70	0.032	ug/l #	3
25) 2-Butanone	7.441	43	62	0.042	ug/l #	48
26) 2,2-Dichloropropane	7.424	77	254	0.074	ug/l #	54
31) Cyclohexane	8.218	56	3833	1.035	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14405	5.150	ug/l #	50
37) Ethyl Acetate	7.441	43	62	0.022	ug/l #	1
38) Carbon Tetrachloride	8.224	117	18984	6.187	ug/l #	16
40) Benzene	8.600	78	58	0.007	ug/l #	51
42) 1,2-Dichloroethane	8.671	62	252	0.085	ug/l #	75
43) Isopropyl Acetate	8.688	43	1035	0.184	ug/l #	56
51) 4-Methyl-2-Pentanone	10.565	43	1481	0.542	ug/l #	1
53) t-1,3-Dichloropropene	10.829	75	65	0.021	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.159	63	1242	0.854	ug/l #	89
59) 2-Hexanone	11.188	43	55	0.027	ug/l #	24
65) Chlorobenzene	11.888	112	250	0.045	ug/l #	41
67) Ethyl Benzene	11.965	91	239	0.024	ug/l #	44
68) m/p-Xylenes	12.059	106	109	0.030	ug/l #	1
70) Styrene	12.418	104	126	0.022	ug/l #	25
76) 1,2,3-Trichloropropane	12.847	75	61868	29.640	ug/l #	1
78) n-propylbenzene	13.035	91	370	0.041	ug/l #	54
79) 2-Chlorotoluene	13.129	91	164	0.028	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	60	0.009	ug/l #	29
81) trans-1,4-Dichloro-2-b...	12.847	75	61868	71.062	ug/l #	11
82) 4-Chlorotoluene	13.223	91	330	0.057	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.482	105	74	0.012	ug/l #	32
85) sec-Butylbenzene	13.617	105	240	0.032	ug/l #	57
86) p-Isopropyltoluene	13.723	119	149	0.024	ug/l #	50
87) 1,3-Dichlorobenzene	13.729	146	172	0.049	ug/l #	24
88) 1,4-Dichlorobenzene	13.806	146	572	0.160	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

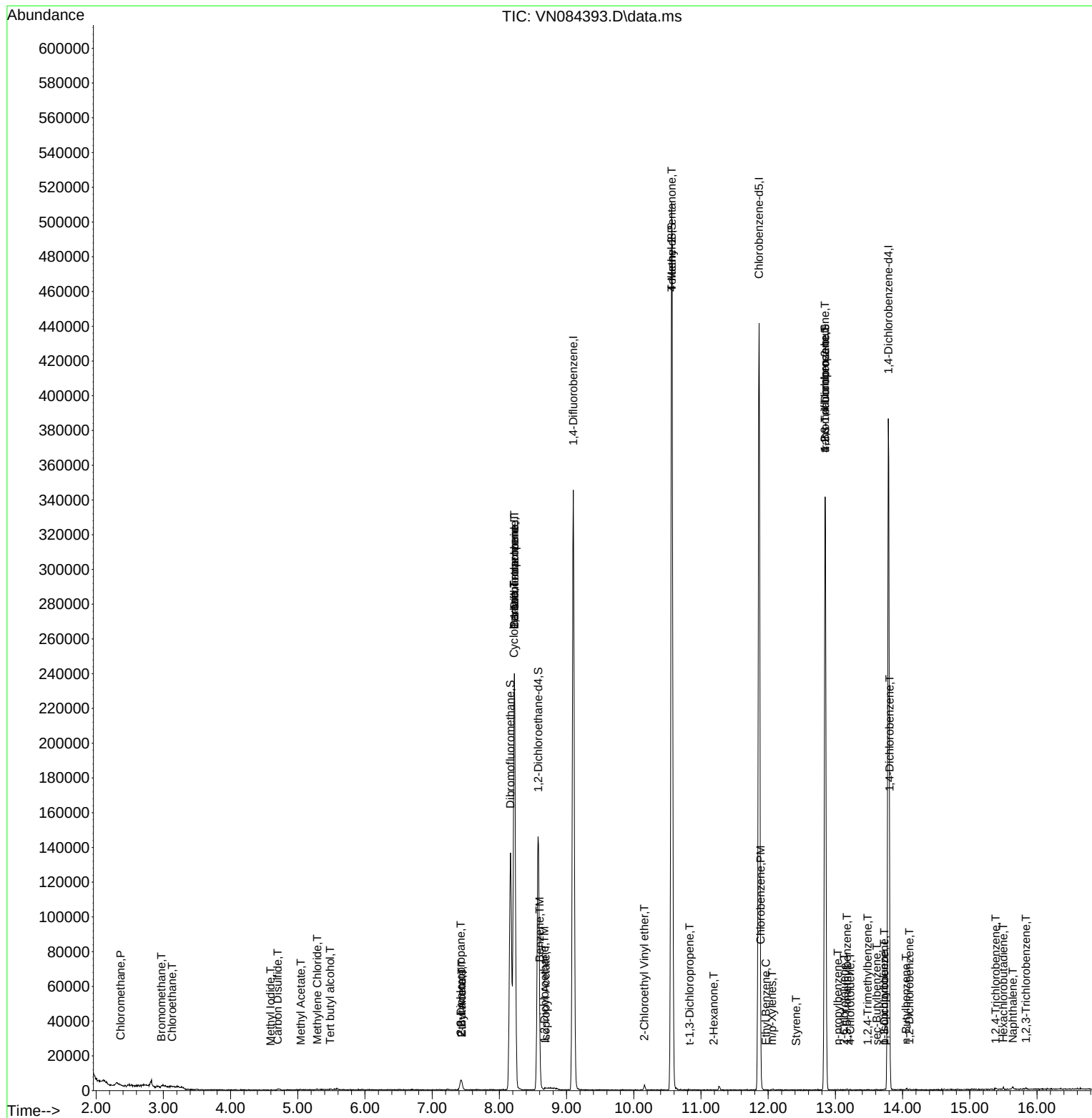
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.053	91	434	0.077	ug/l	87
91) 1,2-Dichlorobenzene	14.100	146	285	0.082	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.388	180	369	0.216	ug/l #	70
94) Hexachlorobutadiene	15.500	225	495	0.582	ug/l #	18
95) Naphthalene	15.641	128	1788	0.316	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.835	180	377	0.221	ug/l #	41

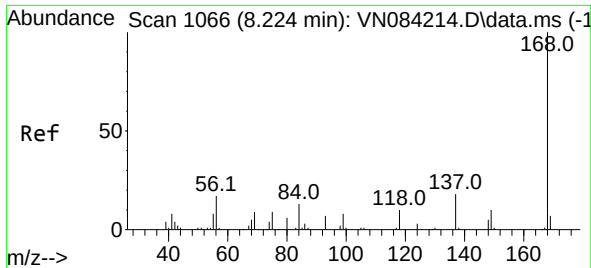
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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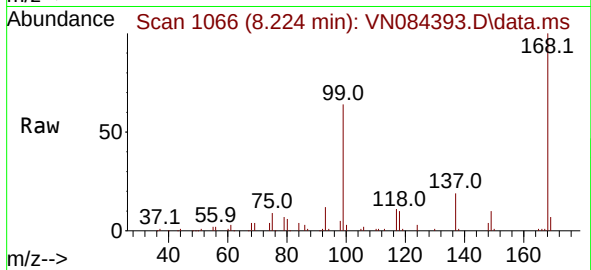
Quant Time: Oct 14 02:03:41 2024
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 QLast Update : Tue Oct 01 07:11:01 2024
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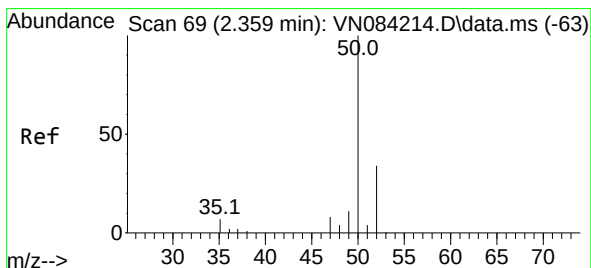
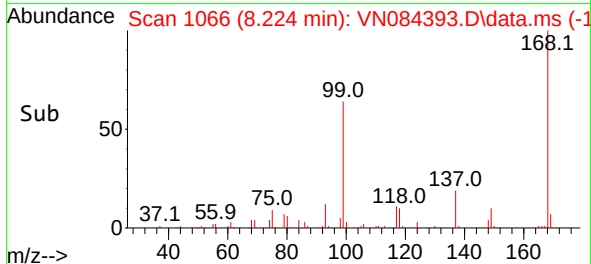
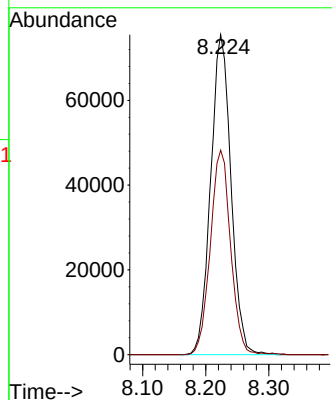


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :

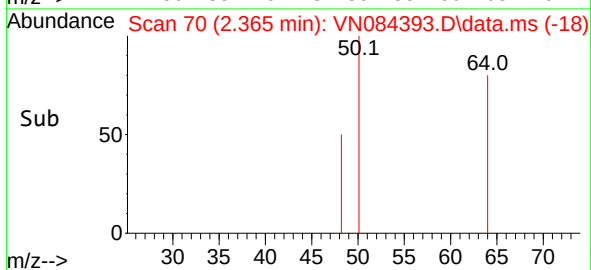
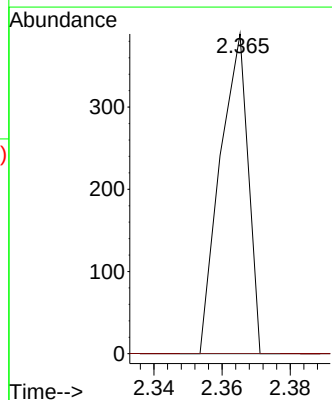
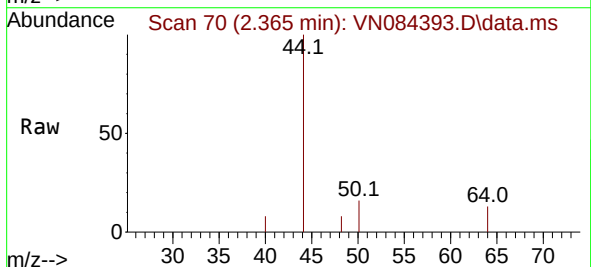


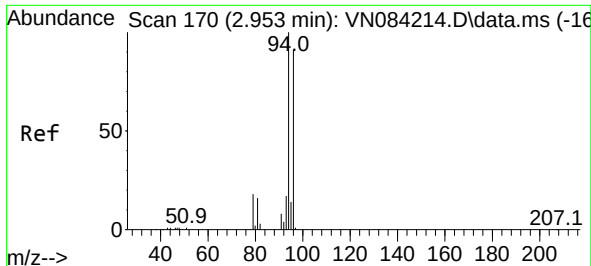
Tgt Ion:168 Resp: 168582
Ion Ratio Lower Upper
168 100
99 63.9 54.2 81.2



#3
Chloromethane
Concen: 0.098 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

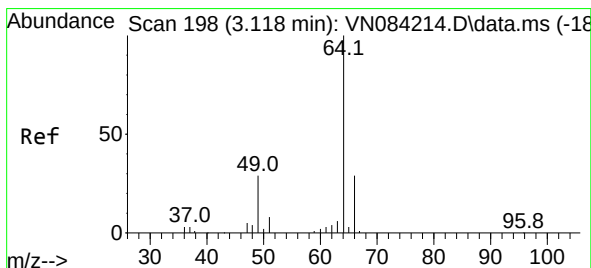
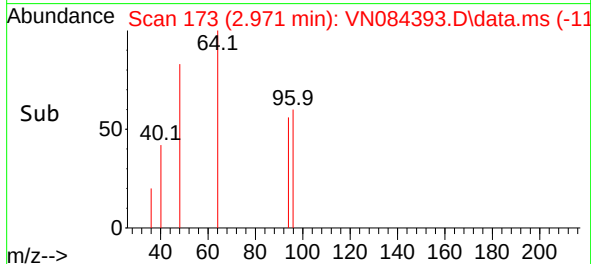
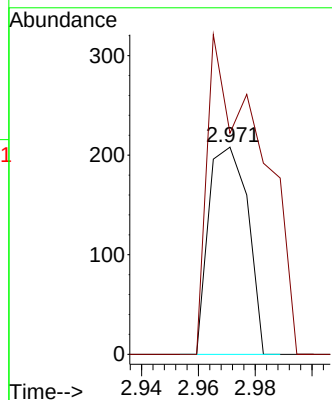
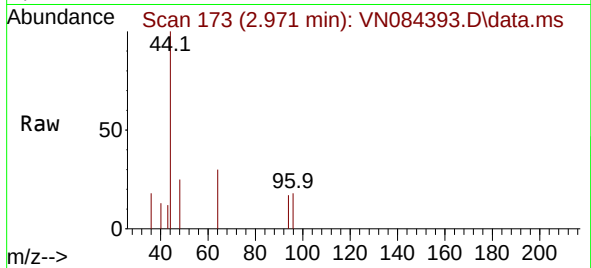




#5
Bromomethane
Concen: 0.137 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

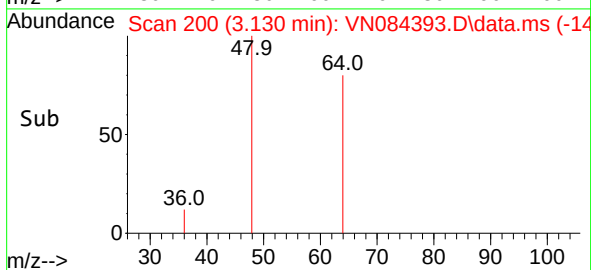
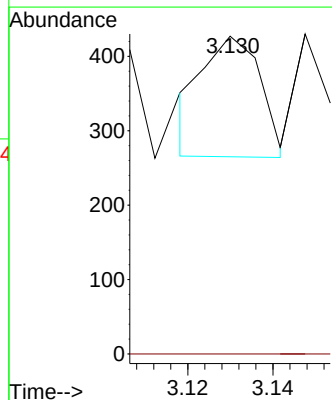
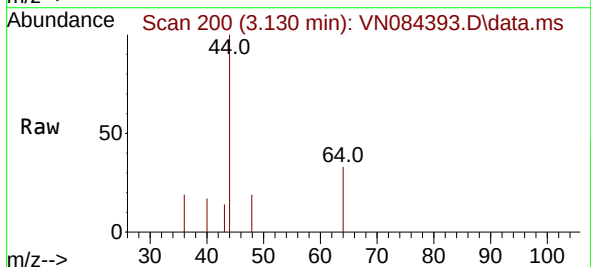
Instrument :
MSVOA_N
ClientSampleId :

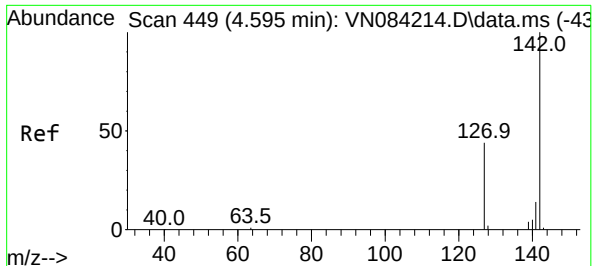
Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 106.7 72.9 109.3



#6
Chloroethane
Concen: 0.096 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

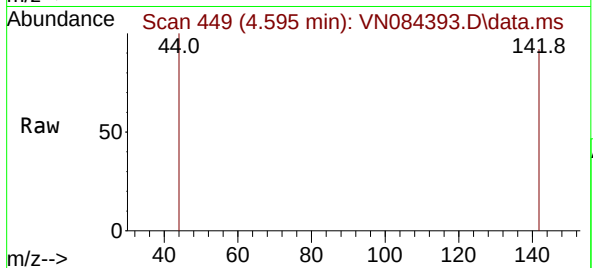
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



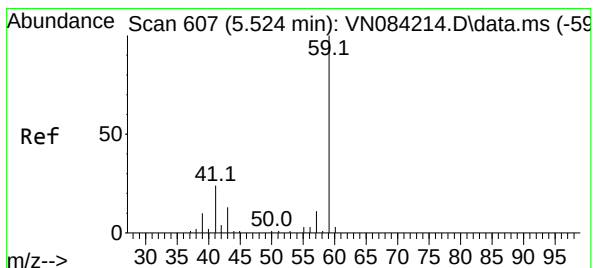
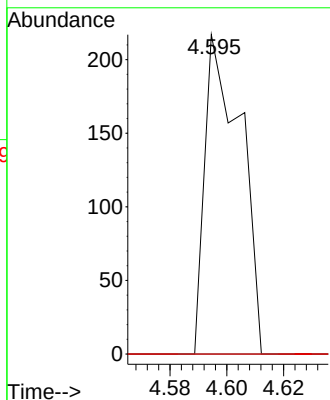
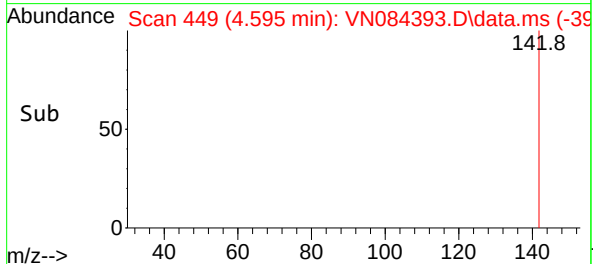


#10
Methyl Iodide
Concen: 0.075 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

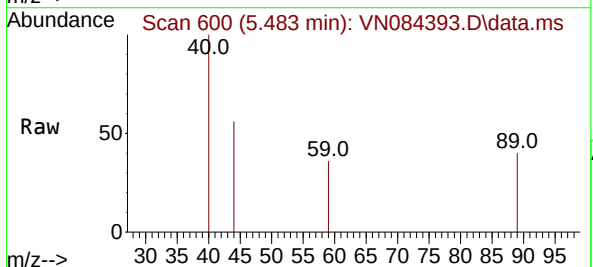
Instrument :
MSVOA_N
ClientSampleId :



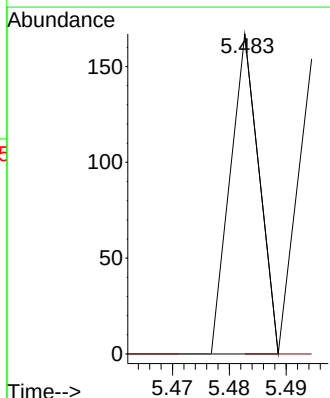
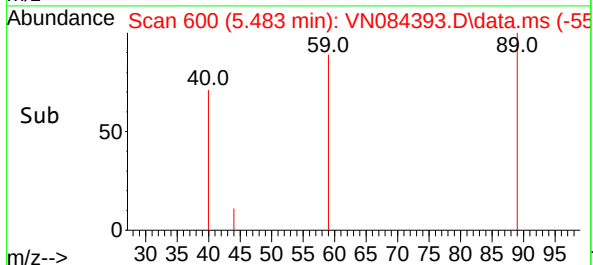
Tgt Ion:142 Resp: 190
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.0 16.6#

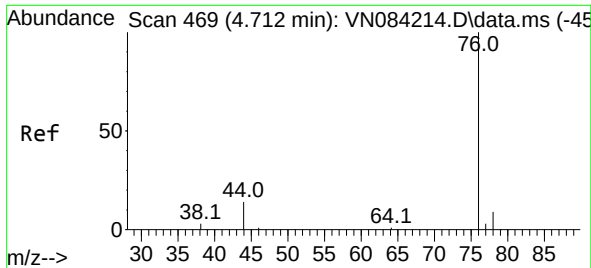


#11
Tert butyl alcohol
Concen: 0.143 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.041 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45



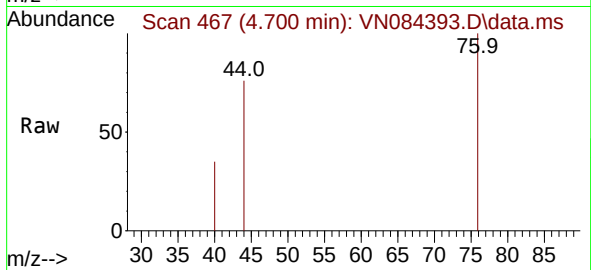
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



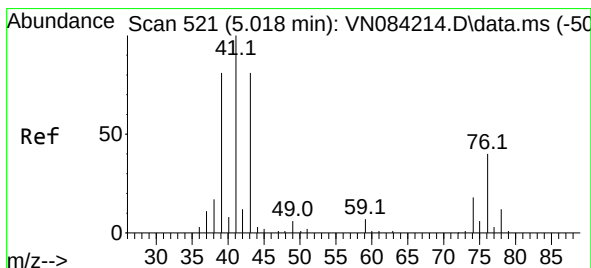
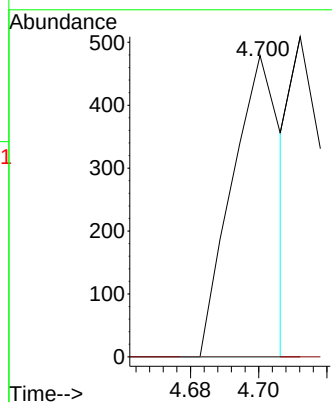
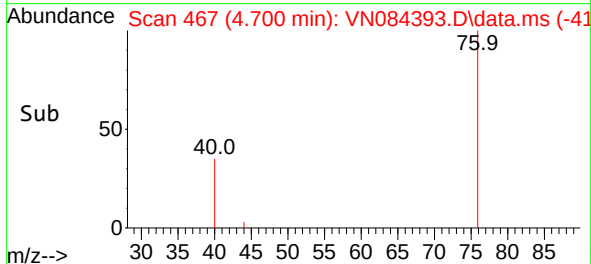


#17
Carbon Disulfide
Concen: 0.080 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :

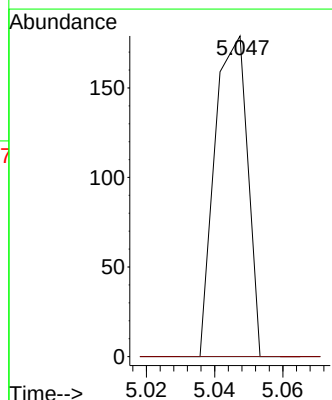
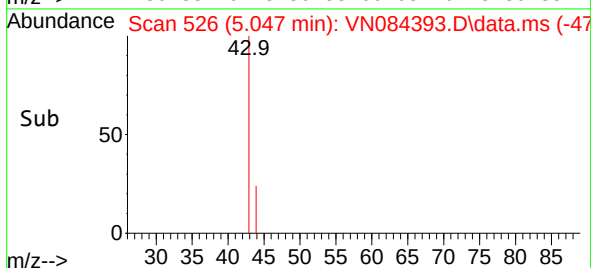
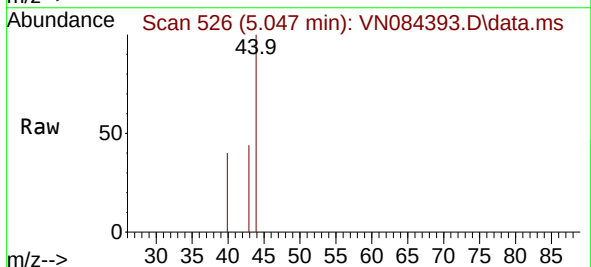


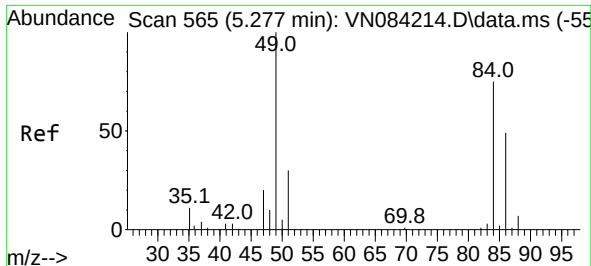
Tgt Ion: 76 Resp: 481
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.051 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

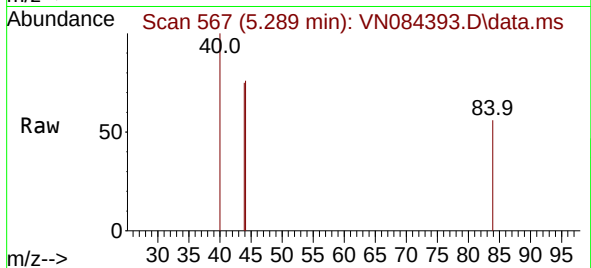
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



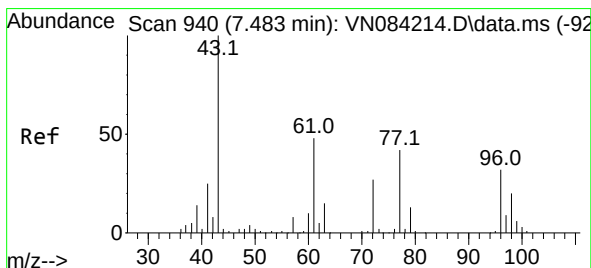
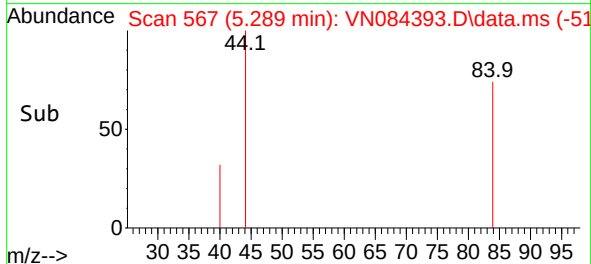
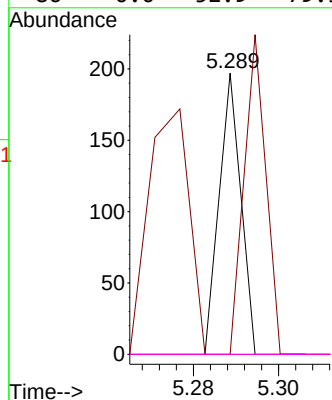


#20
Methylene Chloride
Concen: 0.032 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :

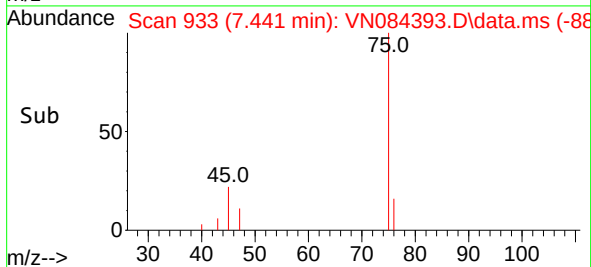
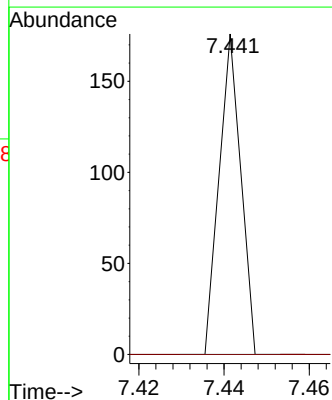
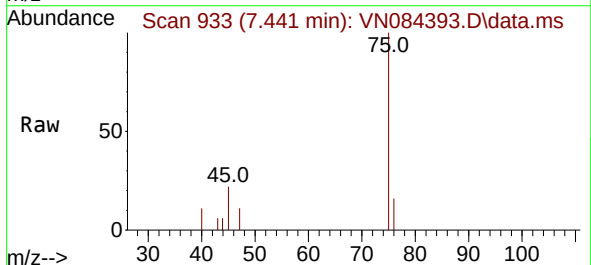


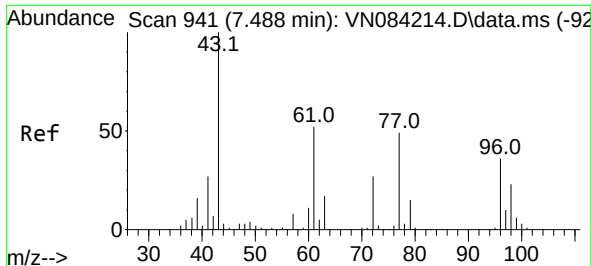
Tgt Ion: 84	Resp: 70
Ion Ratio	Lower Upper
84	100
49	0.0 107.2 160.8#
51	0.0 31.8 47.8#
86	0.0 52.9 79.3#



#25
2-Butanone
Concen: 0.042 ug/l
RT: 7.441 min Scan# 933
Delta R.T. -0.041 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 43	Resp: 62
Ion Ratio	Lower Upper
43	100
72	0.0 21.4 32.2#

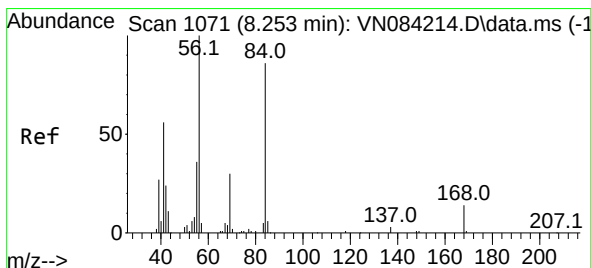
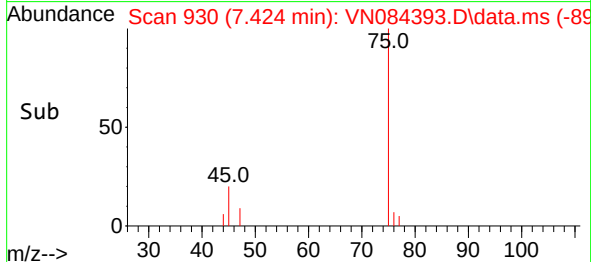
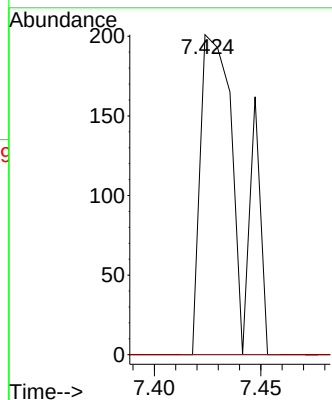
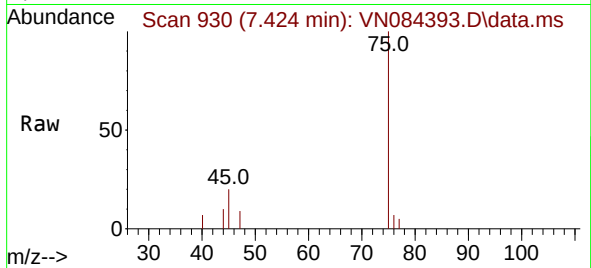




#26
2,2-Dichloropropane
Concen: 0.074 ug/l
RT: 7.424 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

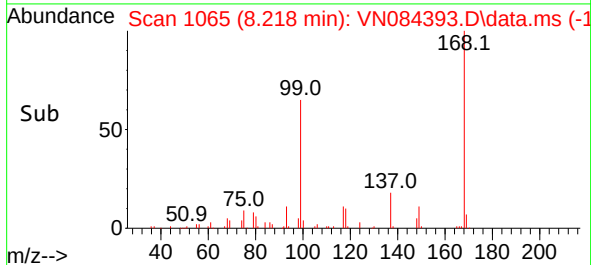
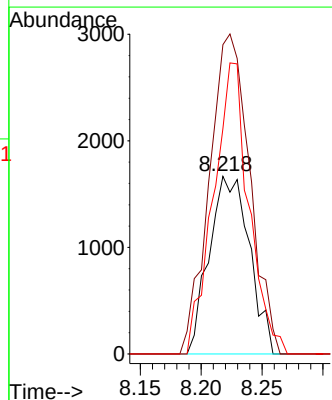
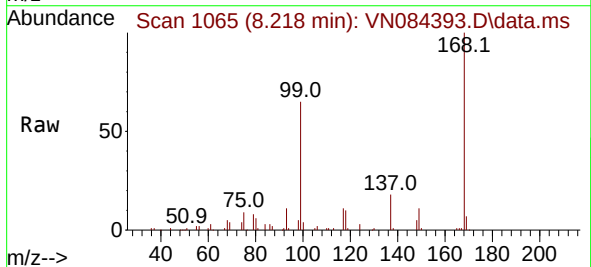
Instrument :
MSVOA_N
ClientSampleId :

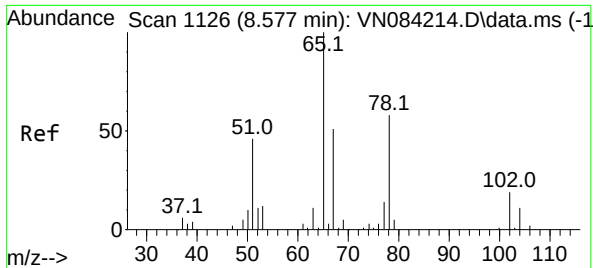
Tgt Ion: 77 Resp: 254
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 56 Resp: 3833
Ion Ratio Lower Upper
56 100
69 174.1 23.8 35.6#
84 126.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.445 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

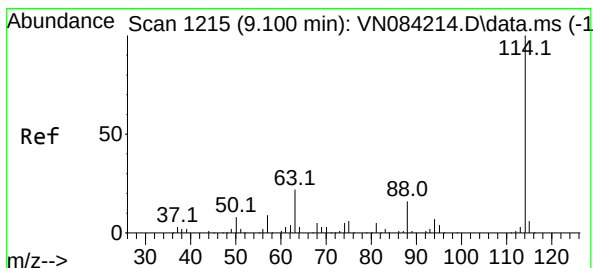
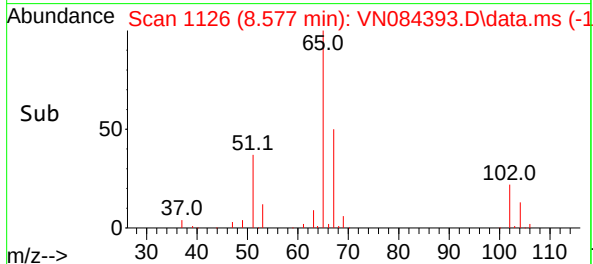
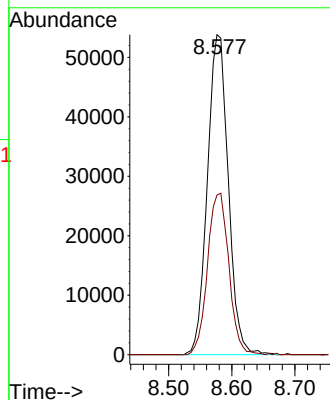
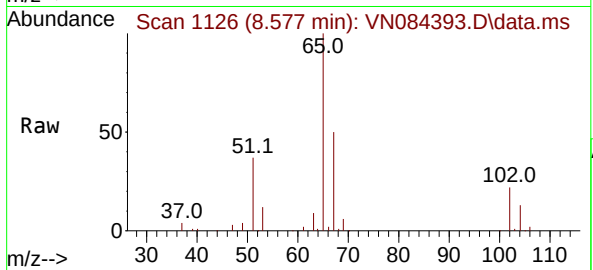
ClientSampleId :

Tgt Ion: 65 Resp: 123591

Ion Ratio Lower Upper

65 100

67 51.5 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: VN084393.D

Acq: 11 Oct 2024 10:45

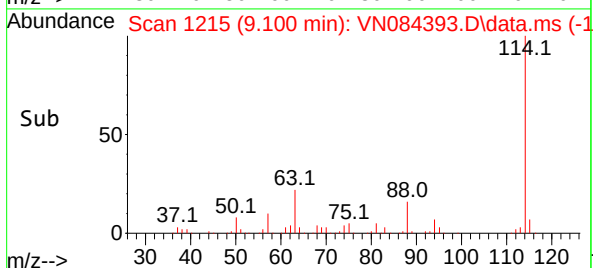
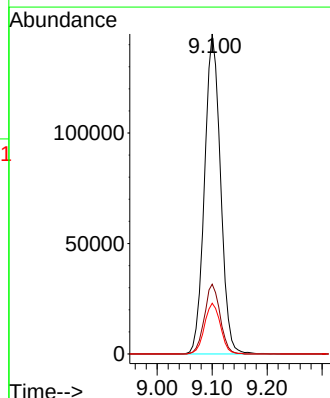
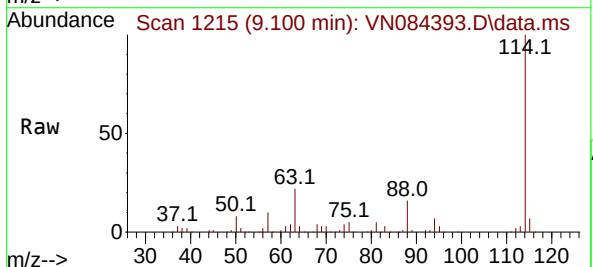
Tgt Ion: 114 Resp: 292108

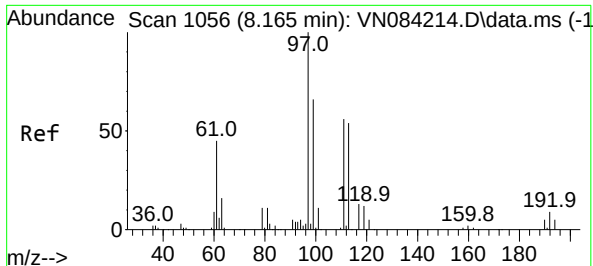
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

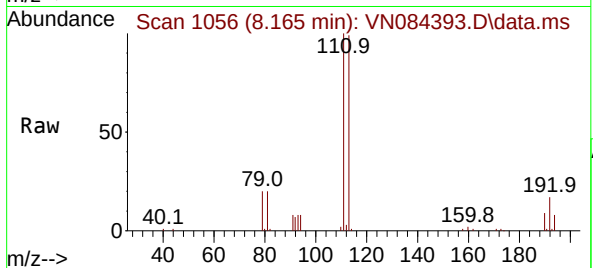
88 15.9 0.0 31.6



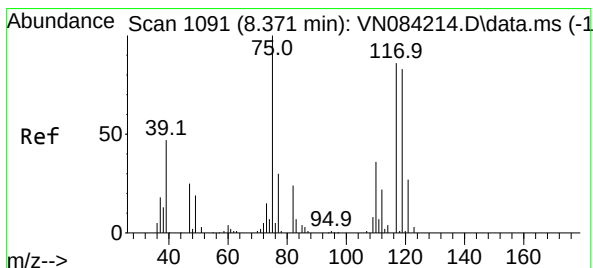
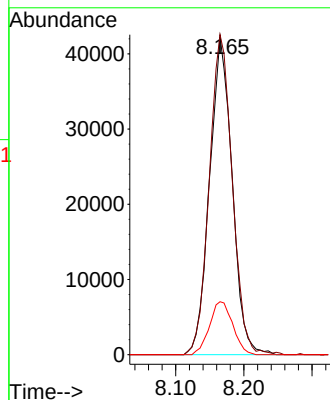
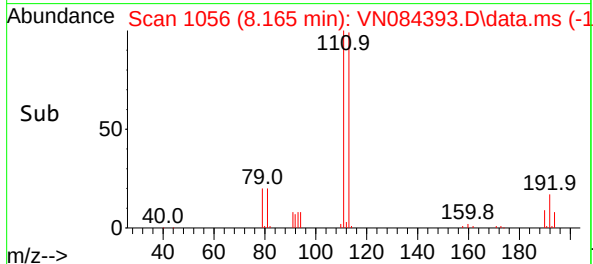


#35
Dibromofluoromethane
Concen: 50.506 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :

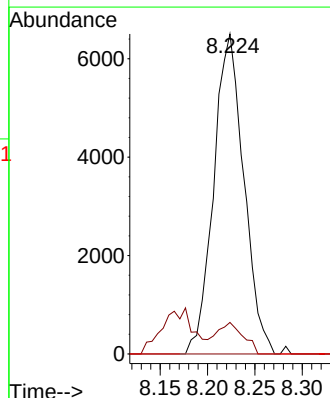
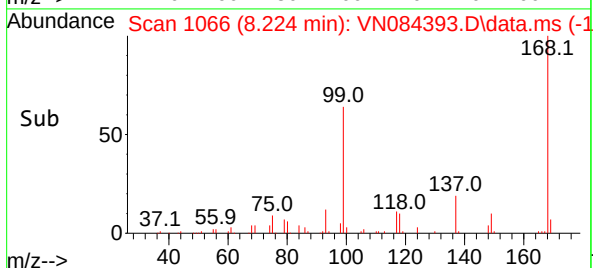
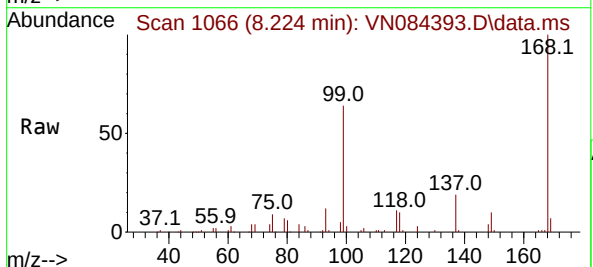


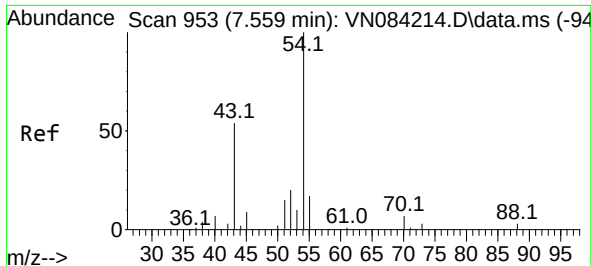
Tgt Ion:113 Resp: 97263
Ion Ratio Lower Upper
113 100
111 102.8 83.3 124.9
192 17.2 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 75 Resp: 14405
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.7#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.022 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.118 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

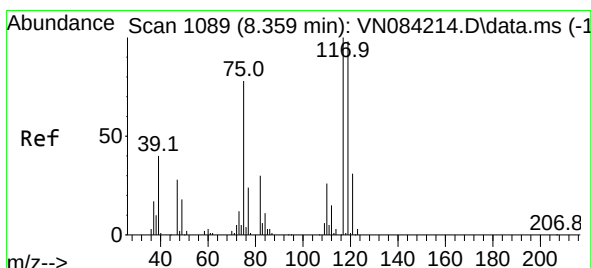
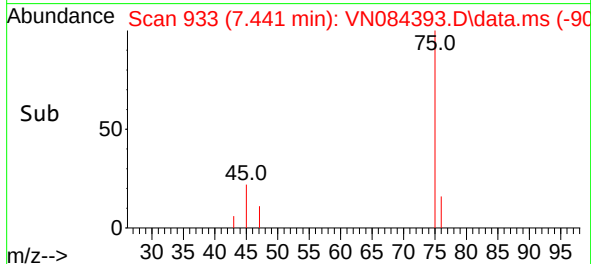
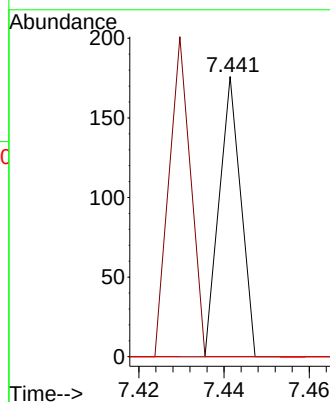
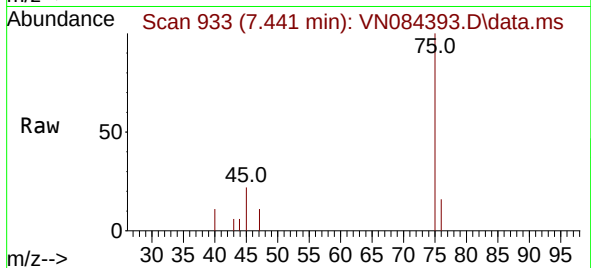
Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

61 114.5 10.7 16.1#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 6.187 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

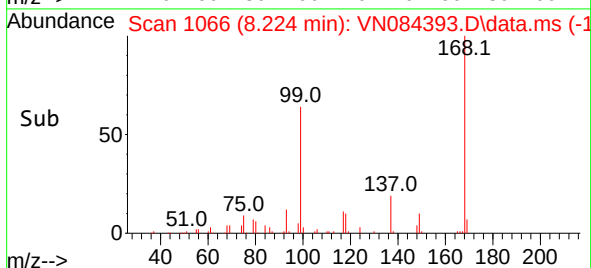
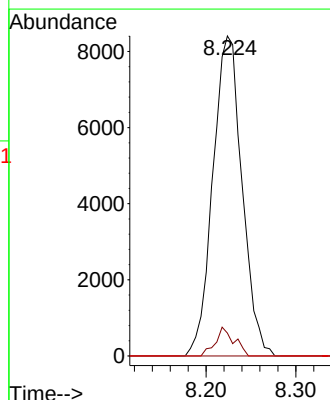
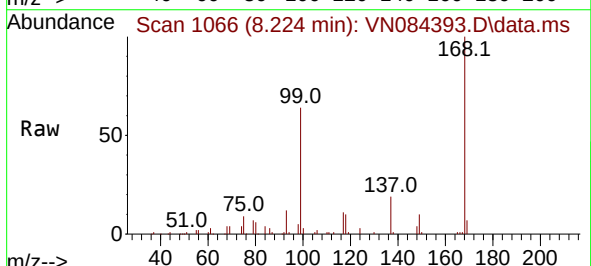
Tgt Ion: 117 Resp: 18984

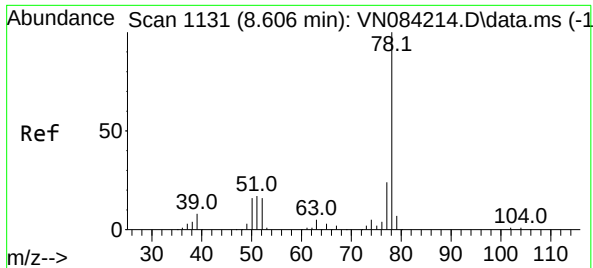
Ion Ratio Lower Upper

117 100

119 7.1 78.7 118.1#

121 0.0 24.4 36.6#

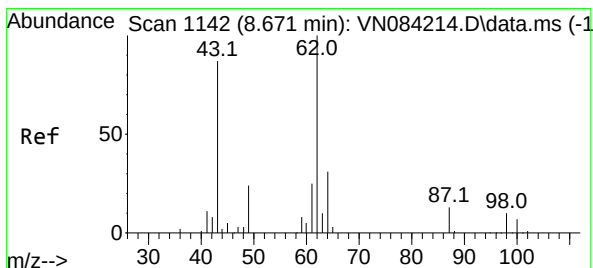
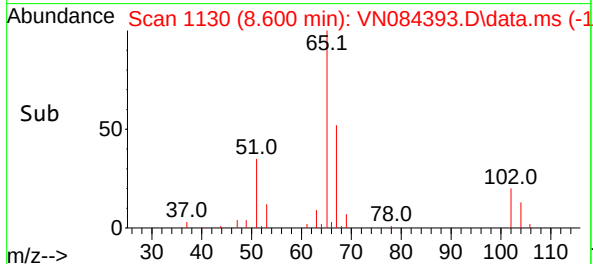
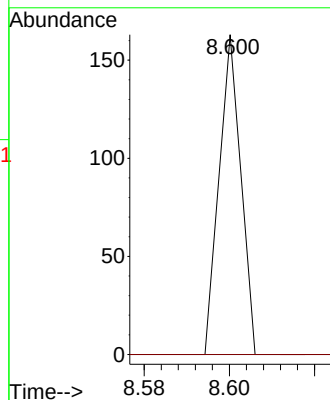
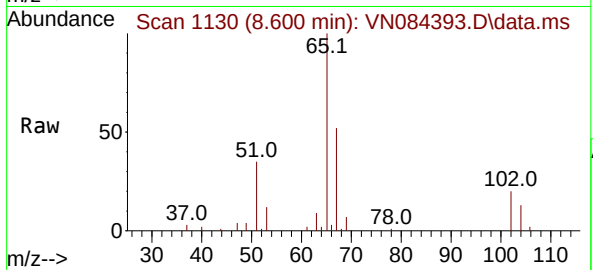




#40
Benzene
Concen: 0.007 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

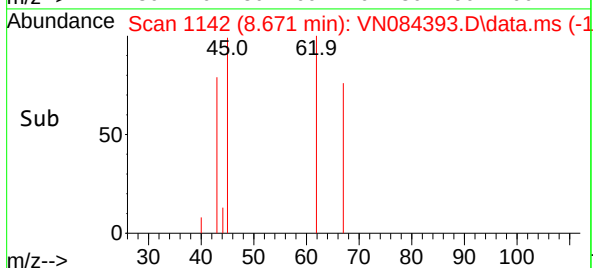
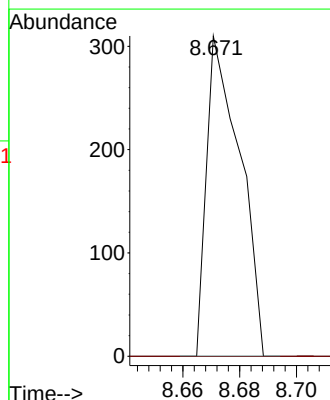
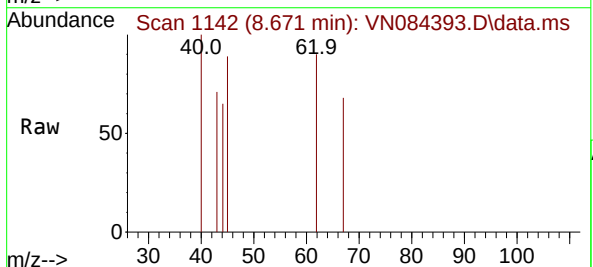
Instrument :
MSVOA_N
ClientSampleId :

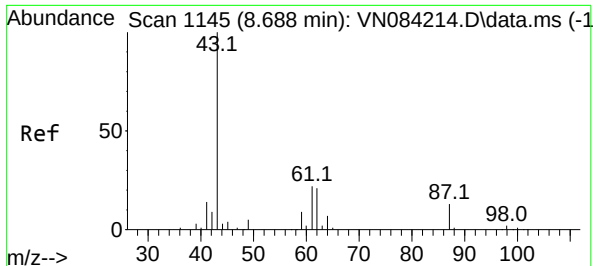
Tgt Ion: 78 Resp: 58
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#42
1,2-Dichloroethane
Concen: 0.085 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 62 Resp: 252
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.184 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084393.D

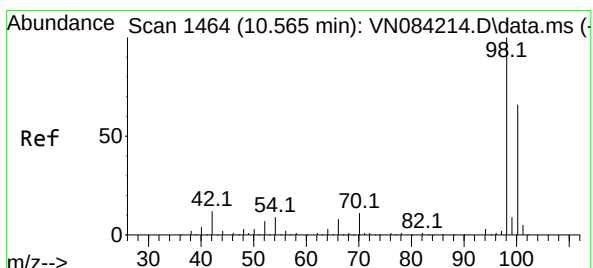
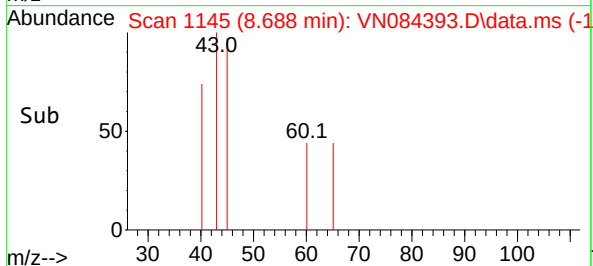
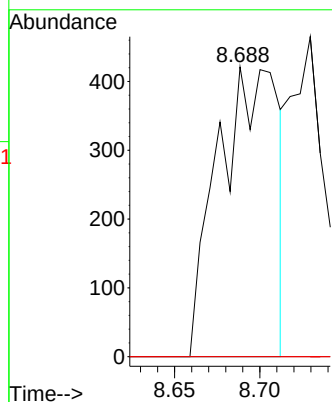
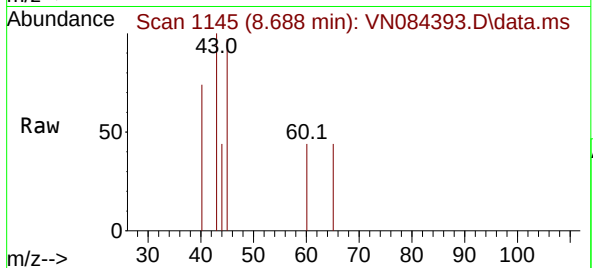
Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 1035
Ion Ratio	Lower Upper
43	100
61	0.0 20.4 30.6#
87	0.0 10.3 15.5#



#50

Toluene-d8

Concen: 49.444 ug/l

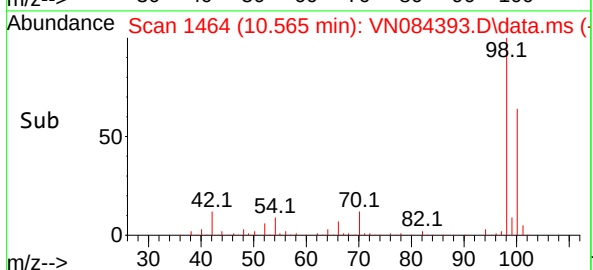
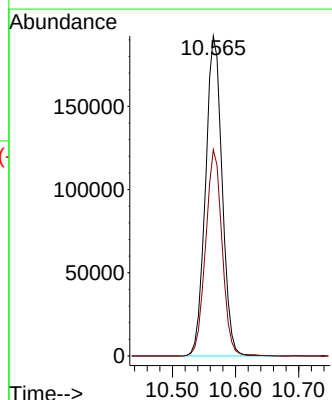
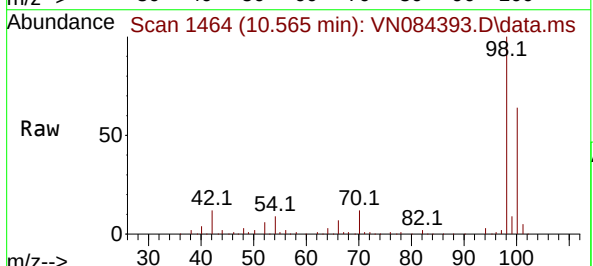
RT: 10.565 min Scan# 1464

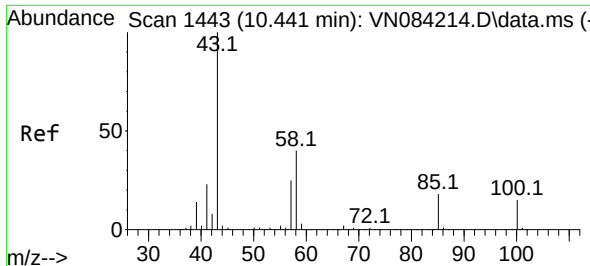
Delta R.T. 0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Tgt Ion: 98	Resp: 350318
Ion Ratio	Lower Upper
98	100
100	63.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.542 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.124 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

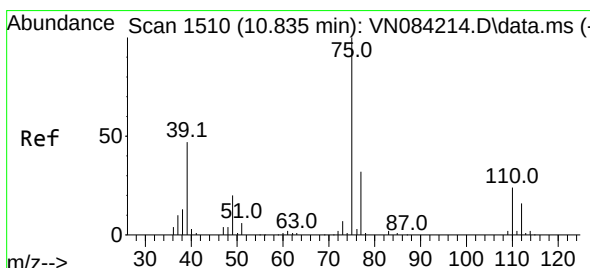
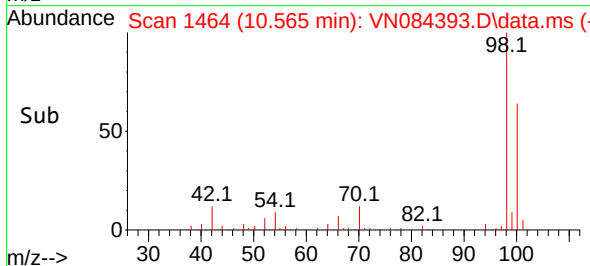
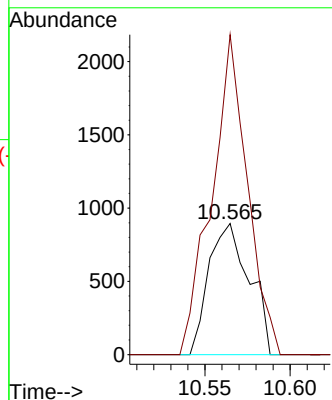
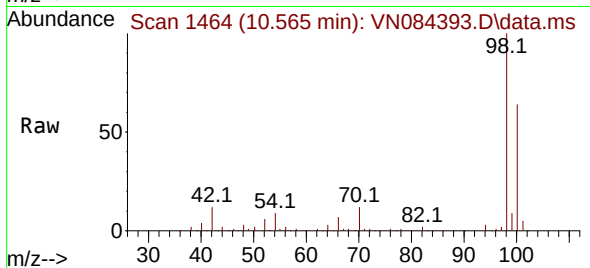
ClientSampleId :

Tgt Ion: 43 Resp: 1481

Ion Ratio Lower Upper

43 100

58 215.3 31.6 47.4#



#53

t-1,3-Dichloropropene

Concen: 0.021 ug/l

RT: 10.829 min Scan# 1509

Delta R.T. -0.006 min

Lab File: VN084393.D

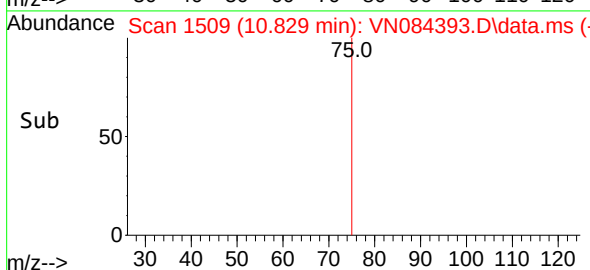
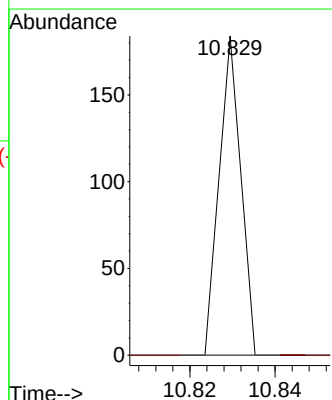
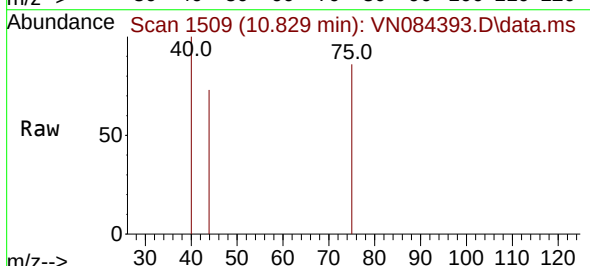
Acq: 11 Oct 2024 10:45

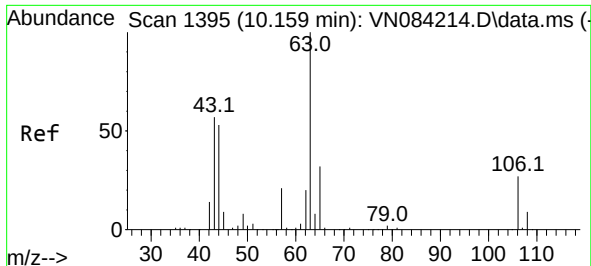
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

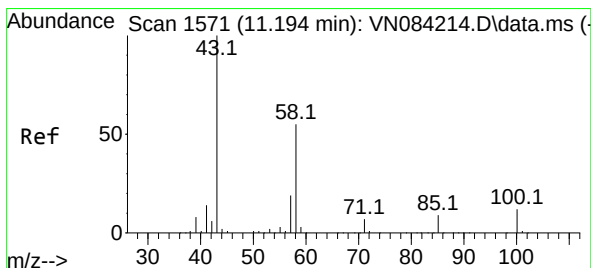
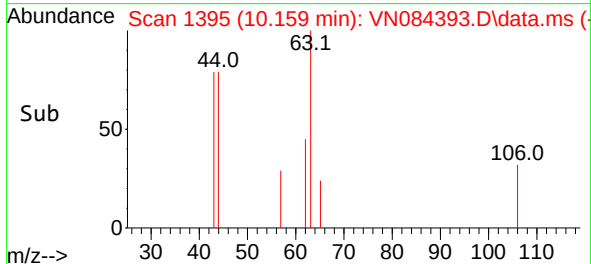
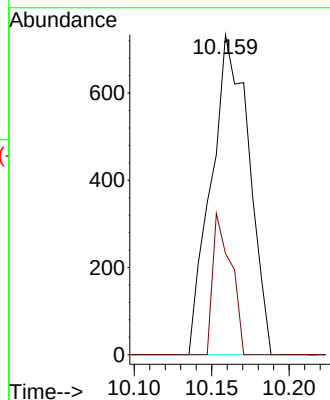
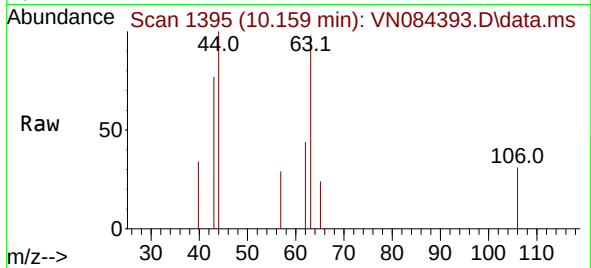




#58
2-Chloroethyl Vinyl ether
Concen: 0.854 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

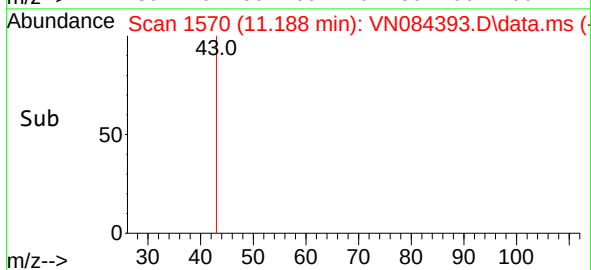
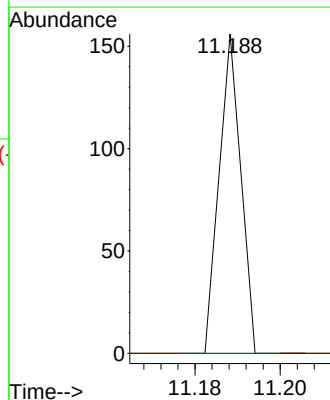
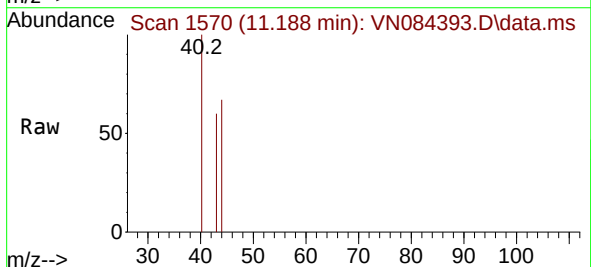
Instrument :
MSVOA_N
ClientSampleId :

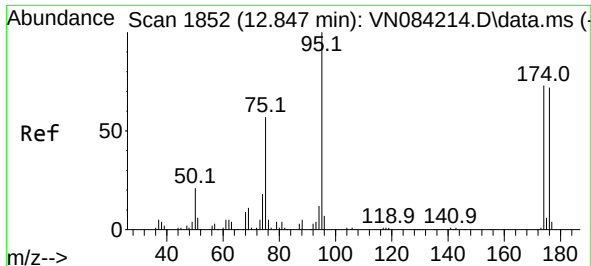
Tgt Ion: 63 Resp: 1242
Ion Ratio Lower Upper
63 100
106 21.3 21.8 32.6#



#59
2-Hexanone
Concen: 0.027 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

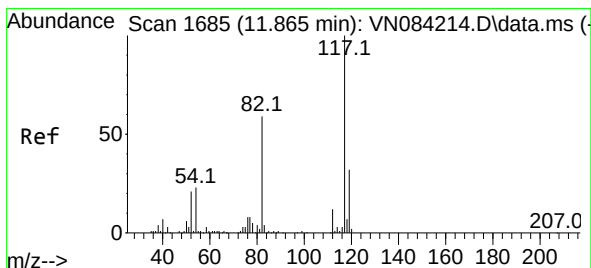
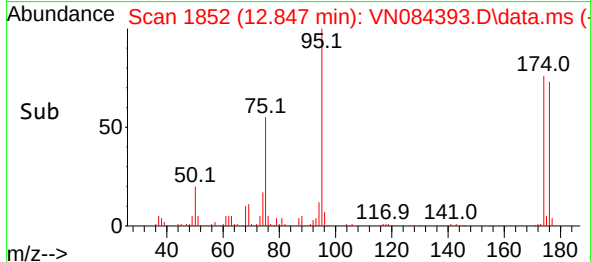
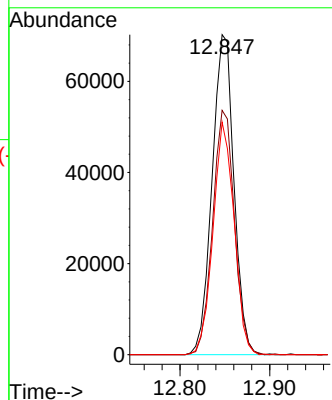
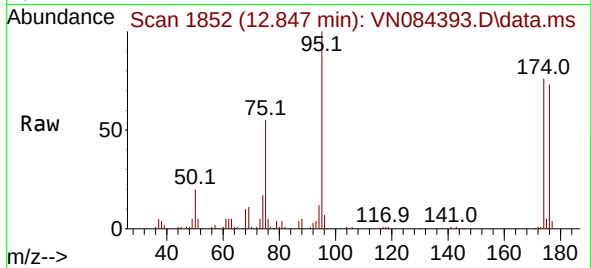




#62
4-Bromofluorobenzene
Concen: 45.994 ug/l
RT: 12.847 min Scan# 118719
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

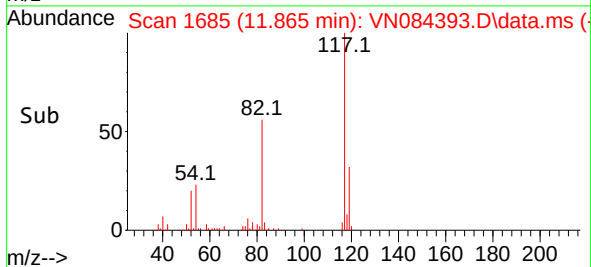
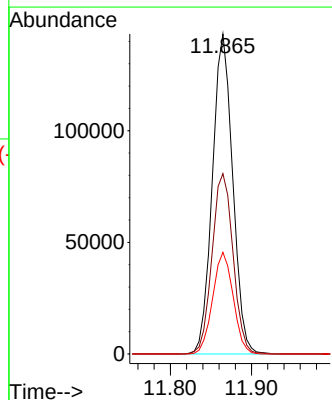
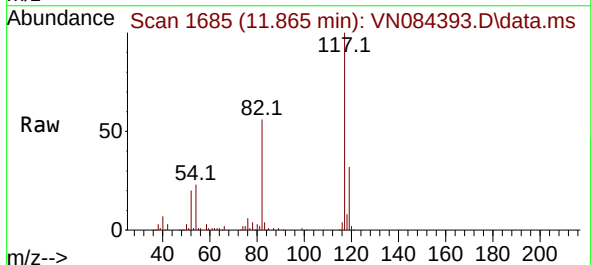
Instrument :
MSVOA_N
ClientSampleId :

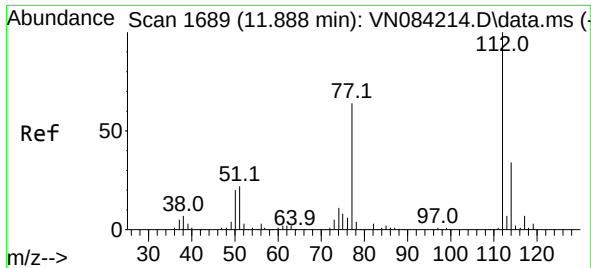
Tgt Ion: 95 Resp: 118719
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.2
176 70.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 117 Resp: 249401
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.7 25.4 38.0

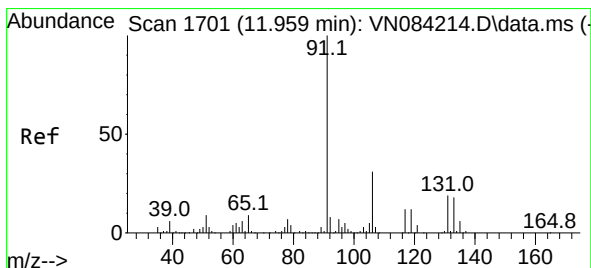
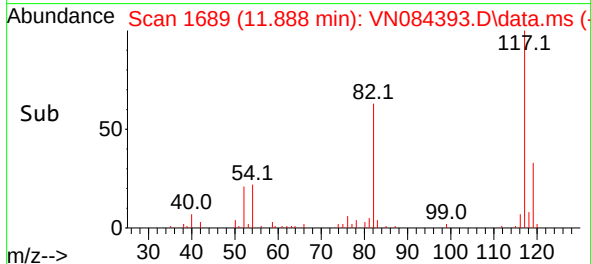
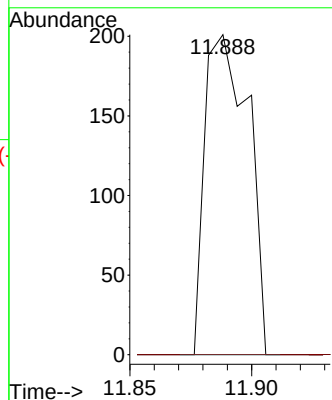
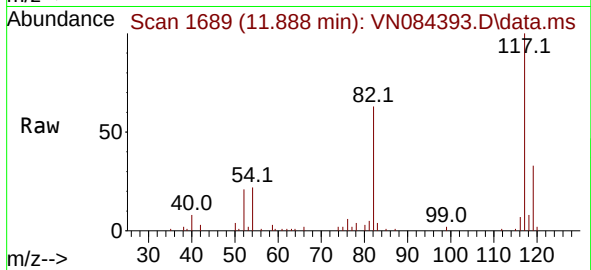




#65
Chlorobenzene
Concen: 0.045 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

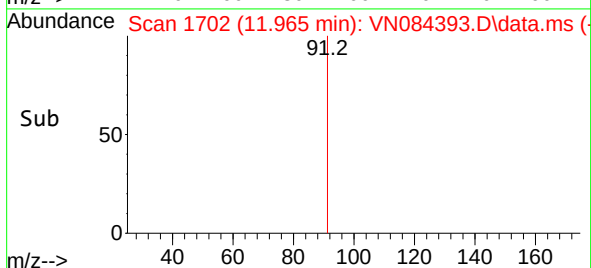
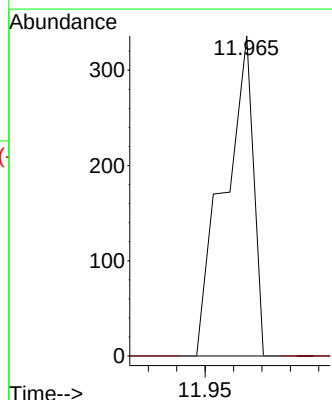
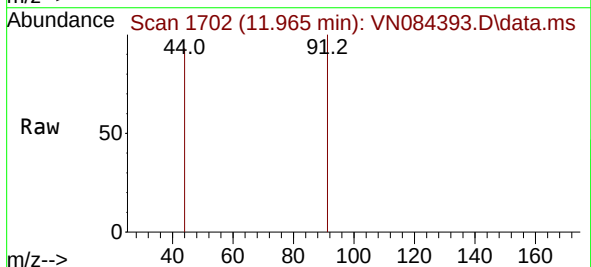
Instrument :
MSVOA_N
ClientSampleId :

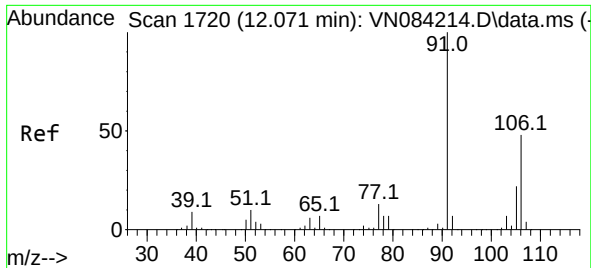
Tgt Ion:112 Resp: 250
Ion Ratio Lower Upper
112 100
114 0.0 27.0 40.6#



#67
Ethyl Benzene
Concen: 0.024 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 91 Resp: 239
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#

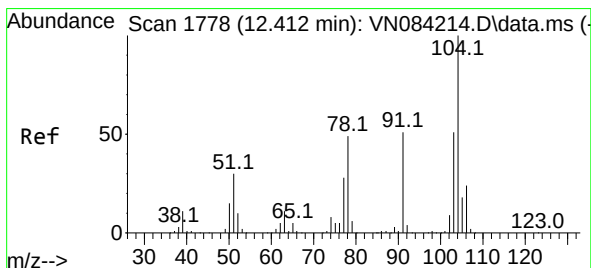
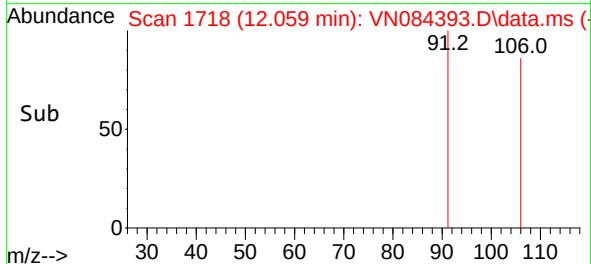
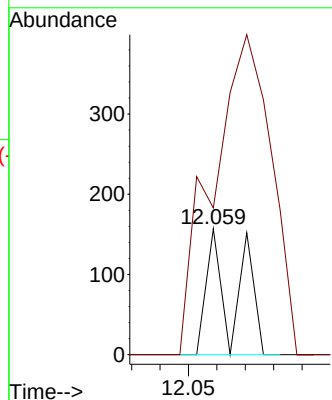
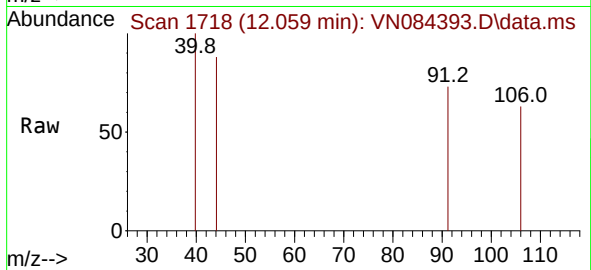




#68
m/p-Xylenes
Concen: 0.030 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

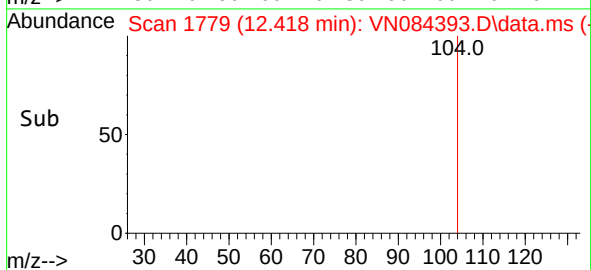
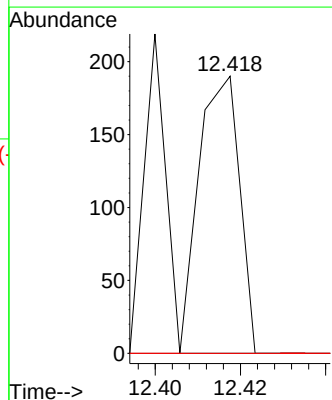
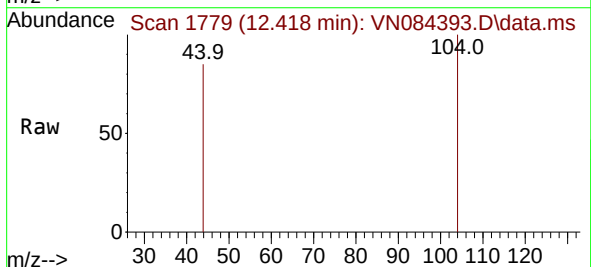
Instrument :
MSVOA_N
ClientSampleId :

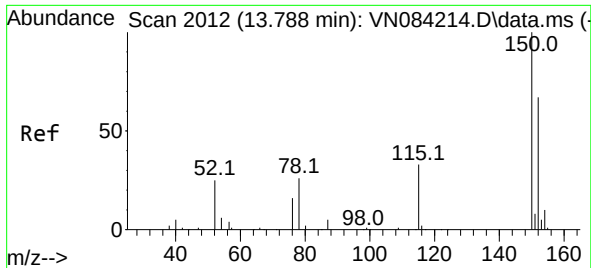
Tgt Ion:106 Resp: 109
Ion Ratio Lower Upper
106 100
91 527.5 167.1 250.7#



#70
Styrene
Concen: 0.022 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

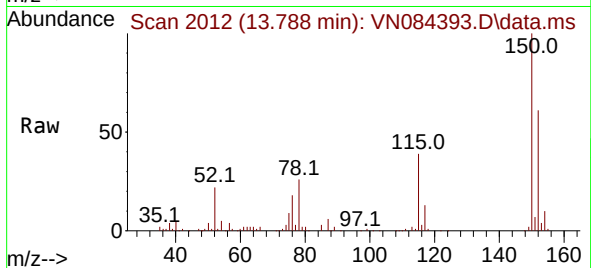
Tgt Ion:104 Resp: 126
Ion Ratio Lower Upper
104 100
78 0.0 42.7 64.1#
103 0.0 43.6 65.4#



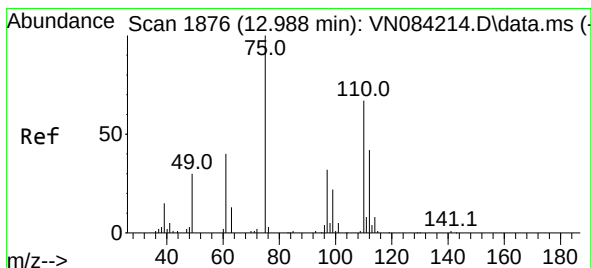
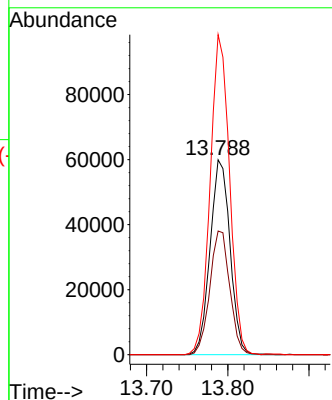
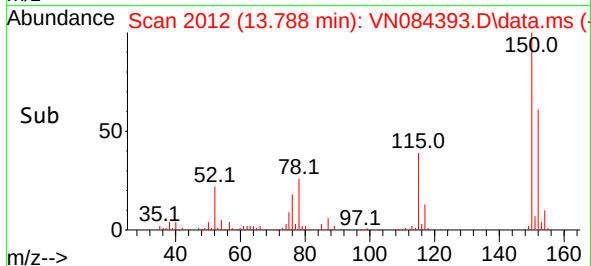


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Instrument :
MSVOA_N
ClientSampleId :

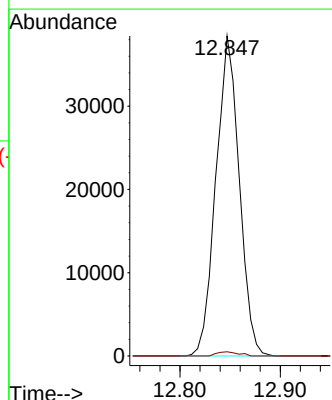
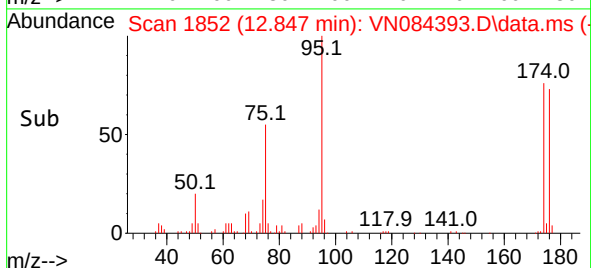
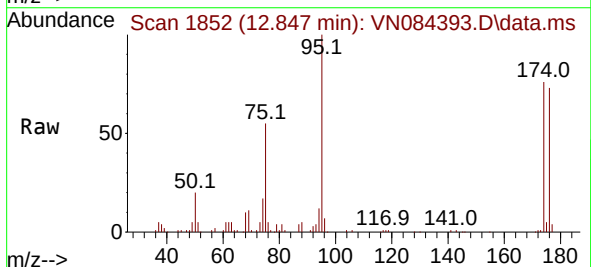


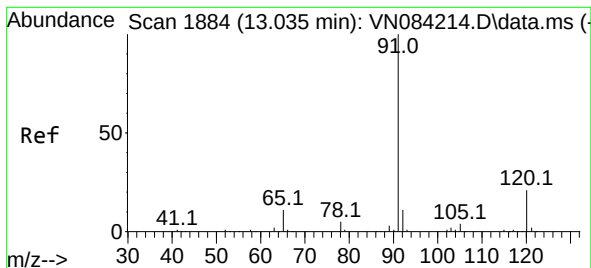
Tgt Ion:152 Resp: 102241
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.9
150 159.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 29.640 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

Tgt Ion: 75 Resp: 61868
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#





#78

n-propylbenzene

Concen: 0.041 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

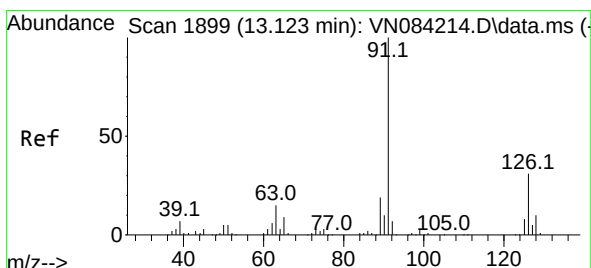
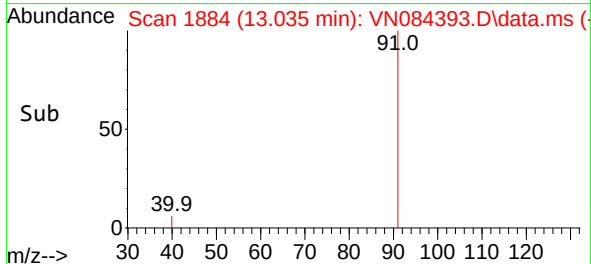
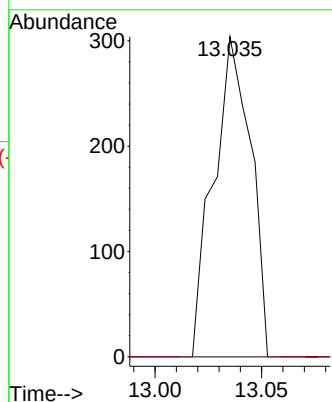
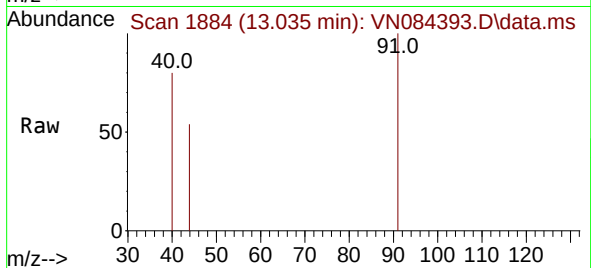
ClientSampleId :

Tgt Ion: 91 Resp: 370

Ion Ratio Lower Upper

91 100

120 0.0 10.8 32.4#



#79

2-Chlorotoluene

Concen: 0.028 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN084393.D

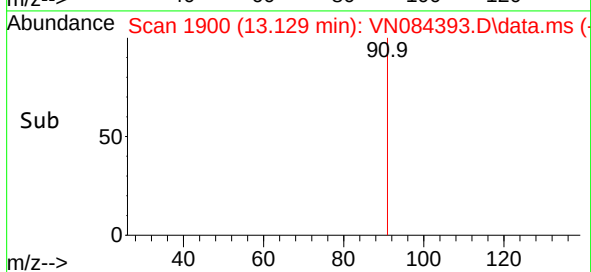
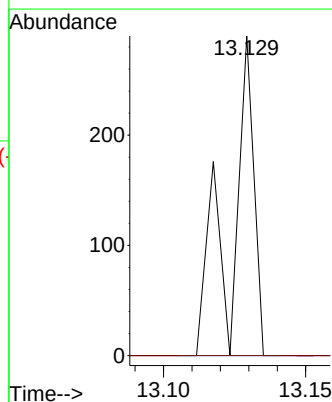
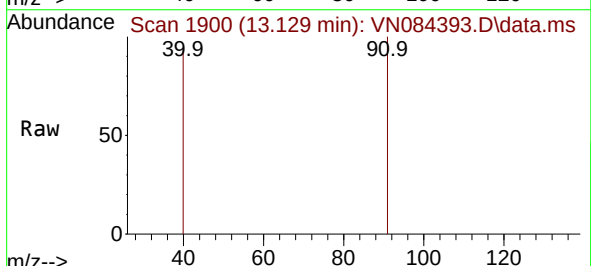
Acq: 11 Oct 2024 10:45

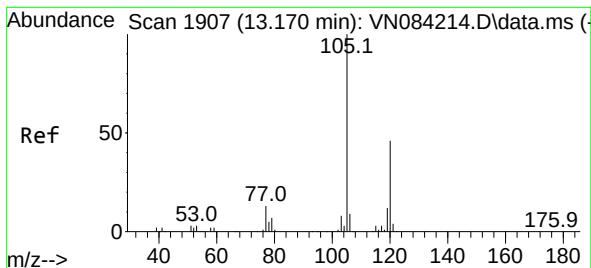
Tgt Ion: 91 Resp: 164

Ion Ratio Lower Upper

91 100

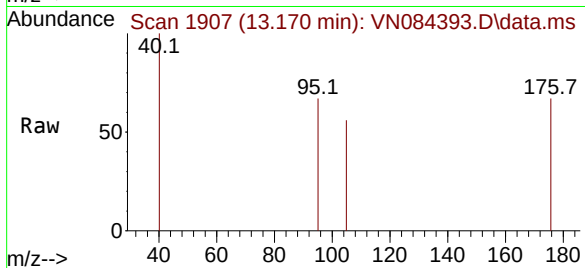
126 0.0 15.7 47.1#



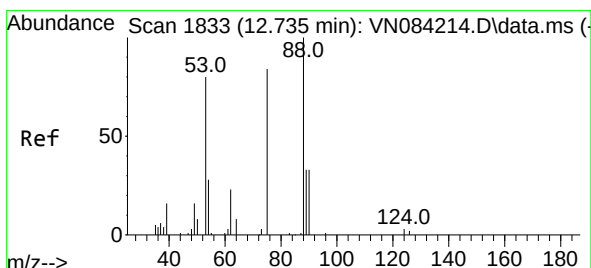
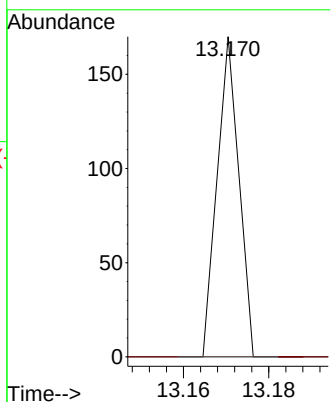
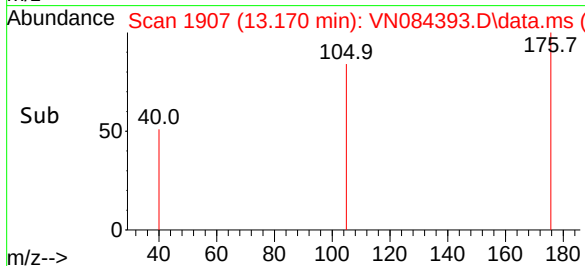


#80
1,3,5-Trimethylbenzene
Concen: 0.009 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

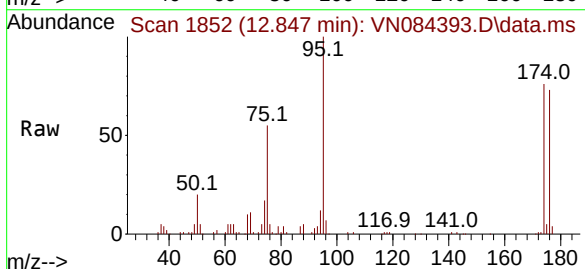
Instrument :
MSVOA_N
ClientSampleId :



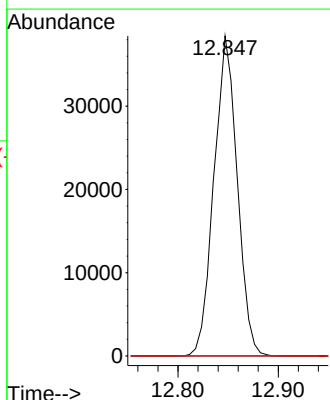
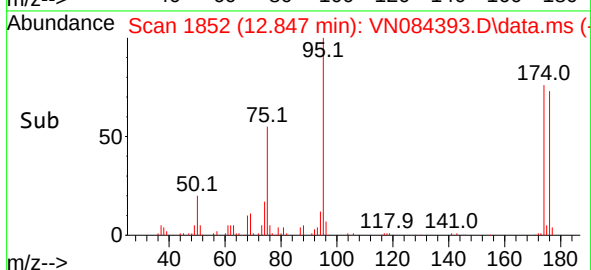
Tgt Ion:105 Resp: 60
Ion Ratio Lower Upper
105 100
120 0.0 23.7 71.1#

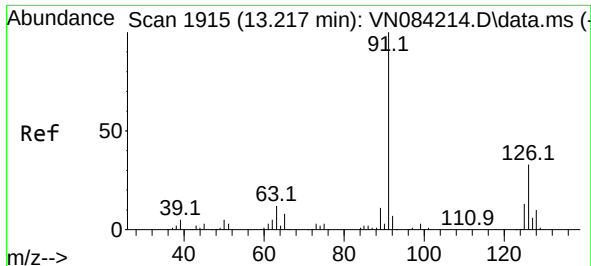


#81
trans-1,4-Dichloro-2-butene
Concen: 71.062 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45



Tgt Ion: 75 Resp: 61868
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

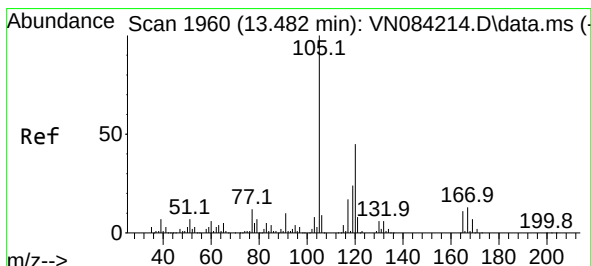
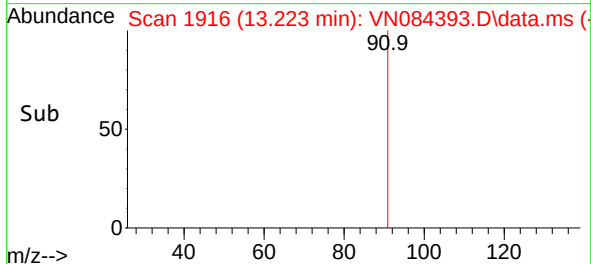
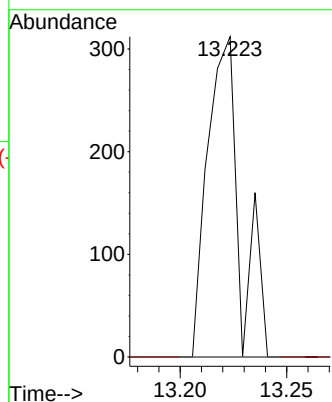
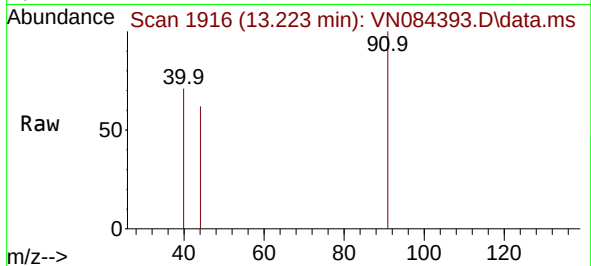




#82
 4-Chlorotoluene
 Concen: 0.057 ug/l
 RT: 13.223 min Scan# 1915
 Delta R.T. 0.006 min
 Lab File: VN084393.D
 Acq: 11 Oct 2024 10:45

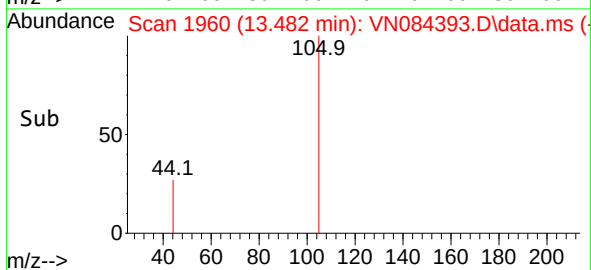
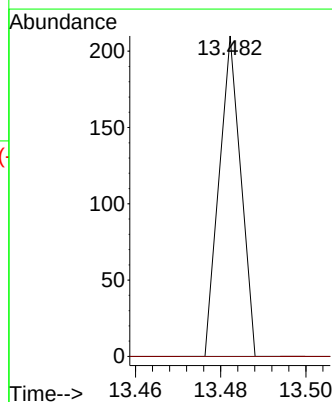
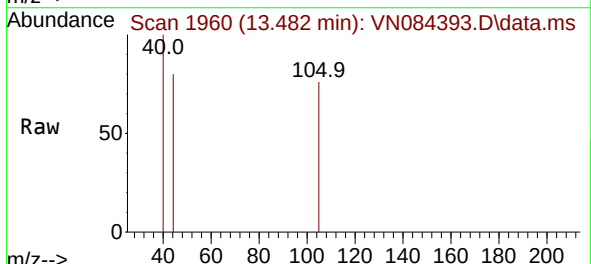
Instrument :
 MSVOA_N
 ClientSampleId :

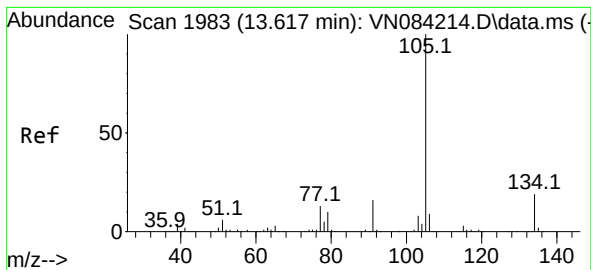
Tgt Ion: 91 Resp: 330
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.7 47.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.012 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN084393.D
 Acq: 11 Oct 2024 10:45

Tgt Ion: 105 Resp: 74
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.3 66.8#





#85

sec-Butylbenzene

Concen: 0.032 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

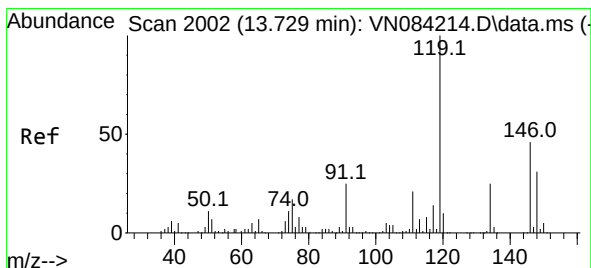
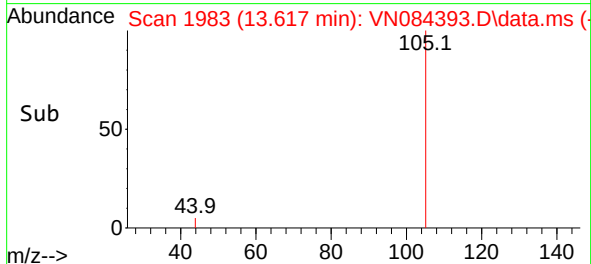
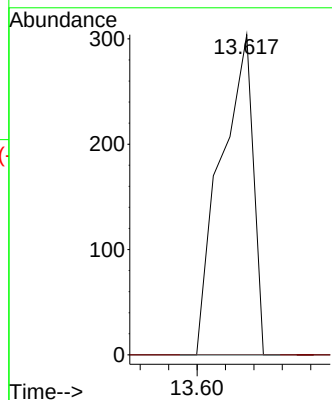
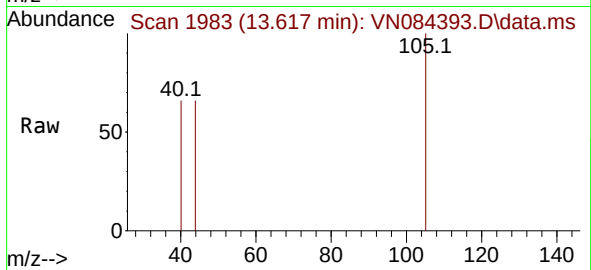
ClientSampleId :

Tgt Ion:105 Resp: 240

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 0.024 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

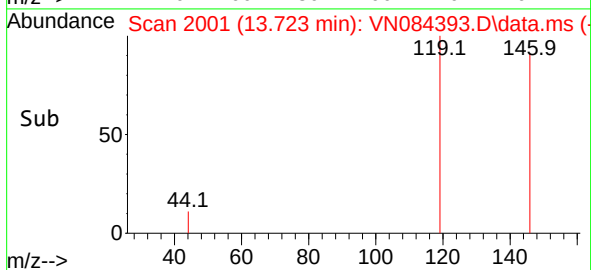
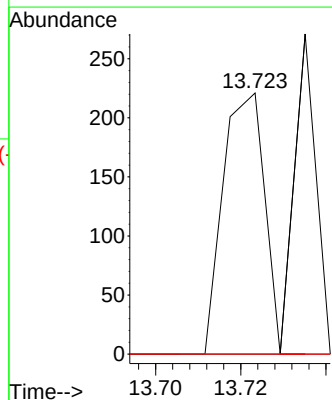
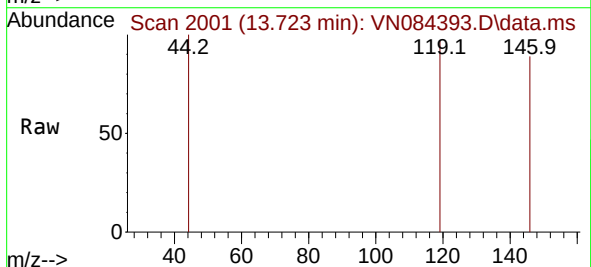
Tgt Ion:119 Resp: 149

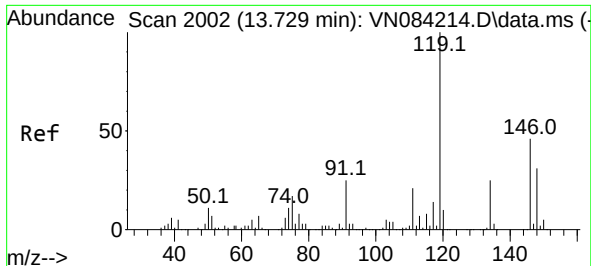
Ion Ratio Lower Upper

119 100

134 0.0 12.6 37.8#

91 0.0 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 0.049 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

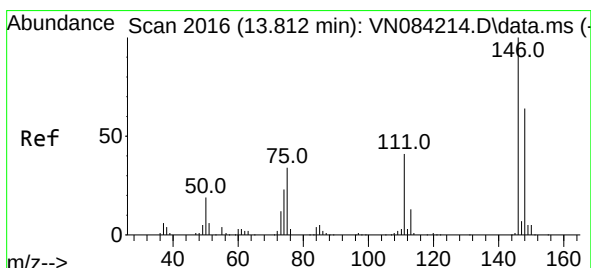
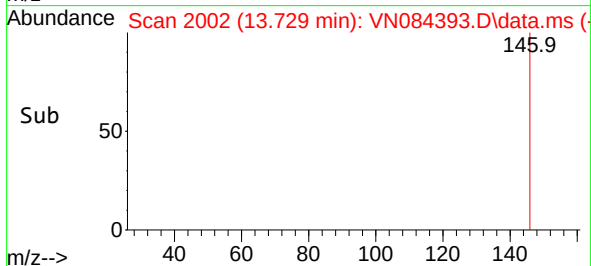
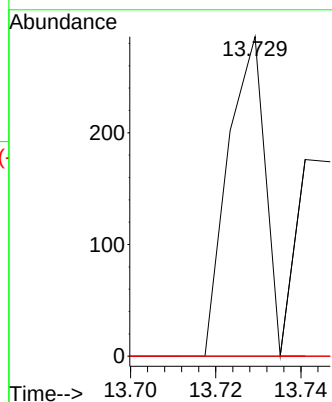
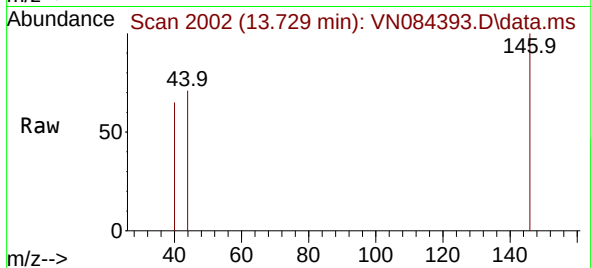
Tgt Ion:146 Resp: 172

Ion Ratio Lower Upper

146 100

111 0.0 21.8 65.3#

148 0.0 31.9 95.7#



#88

1,4-Dichlorobenzene

Concen: 0.160 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

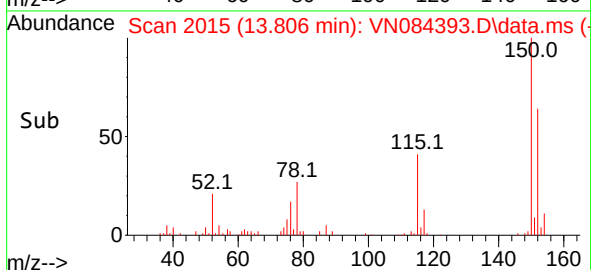
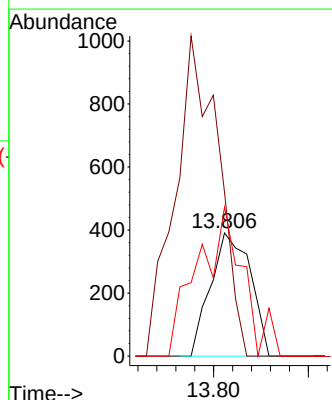
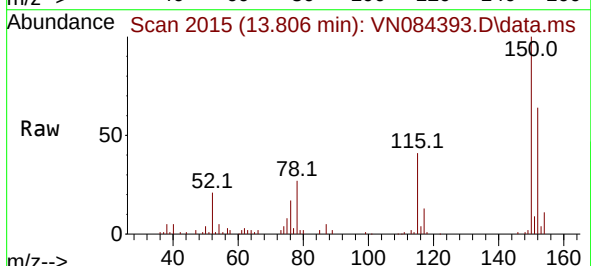
Tgt Ion:146 Resp: 572

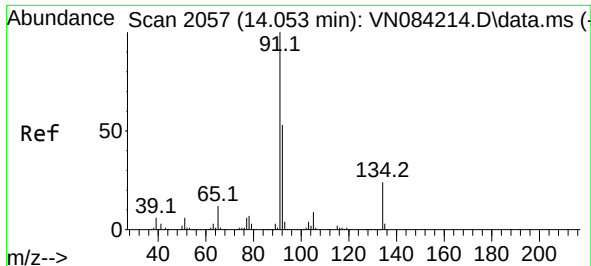
Ion Ratio Lower Upper

146 100

111 281.8 21.2 63.6#

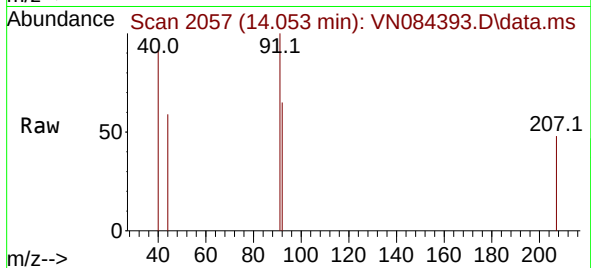
148 139.0 31.9 95.9#



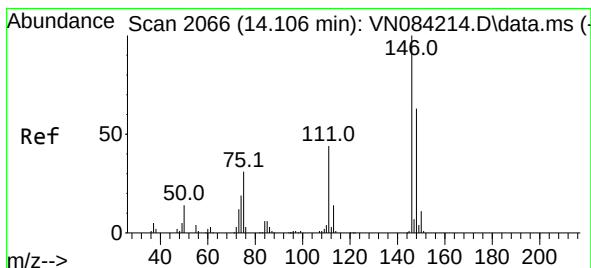
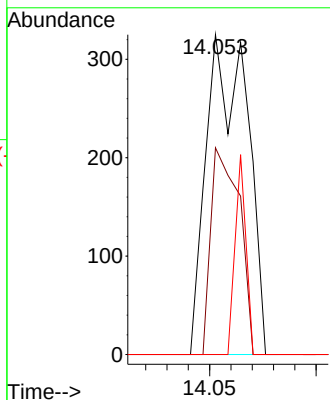
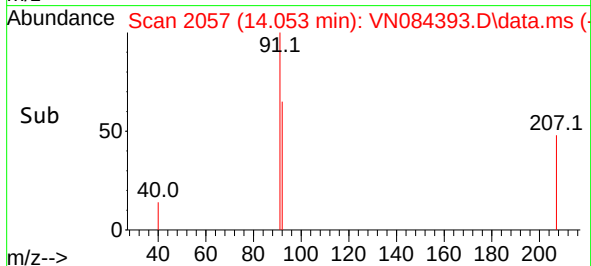


#89
n-Butylbenzene
Concen: 0.077 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45

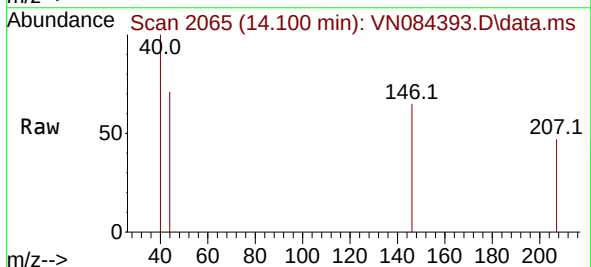
Instrument :
MSVOA_N
ClientSampleId :



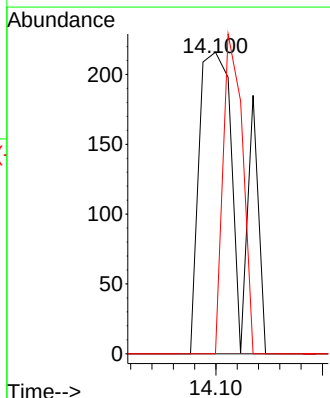
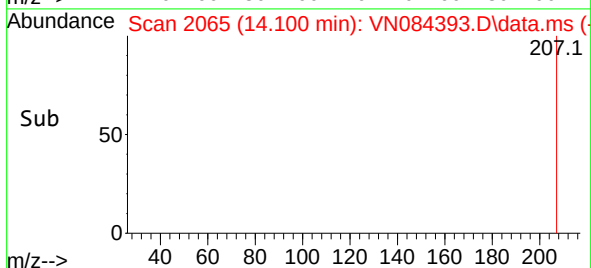
Tgt Ion: 91	Resp:	434
Ion	Ratio	Lower Upper
91	100	
92	44.9	26.6 79.7
134	16.6	12.3 36.9

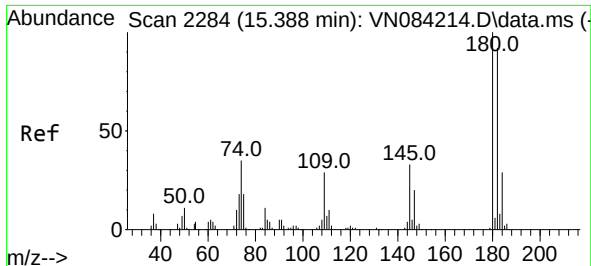


#91
1,2-Dichlorobenzene
Concen: 0.082 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084393.D
Acq: 11 Oct 2024 10:45



Tgt Ion: 146	Resp:	285
Ion	Ratio	Lower Upper
146	100	
111	0.0	22.0 66.0#
148	50.9	32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 0.216 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

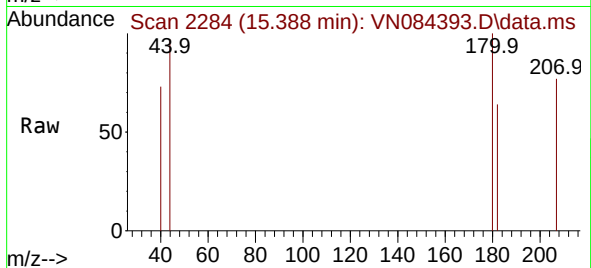
Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :



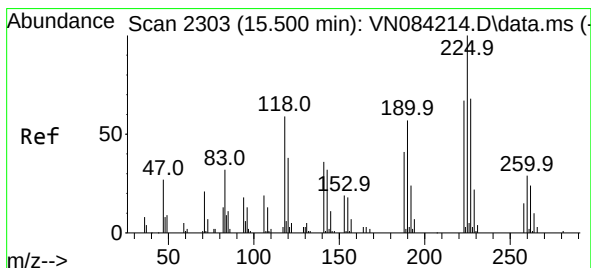
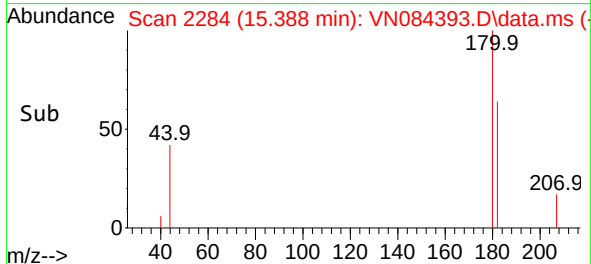
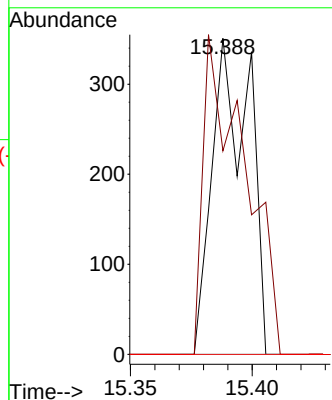
Tgt Ion:180 Resp: 369

Ion Ratio Lower Upper

180 100

182 113.6 47.0 141.0

145 0.0 16.4 49.4#



#94

Hexachlorobutadiene

Concen: 0.582 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

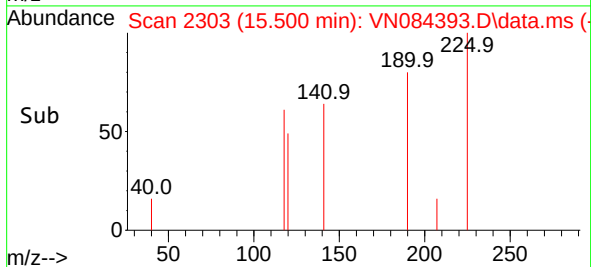
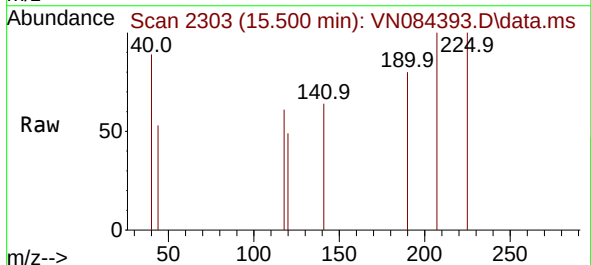
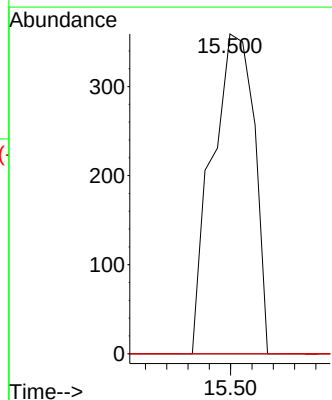
Tgt Ion:225 Resp: 495

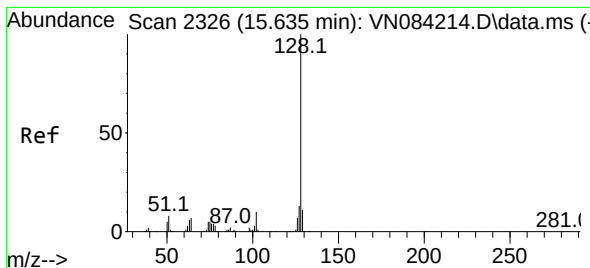
Ion Ratio Lower Upper

225 100

223 0.0 32.4 97.2#

227 0.0 32.4 97.0#





#95

Naphthalene

Concen: 0.316 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Instrument :

MSVOA_N

ClientSampleId :

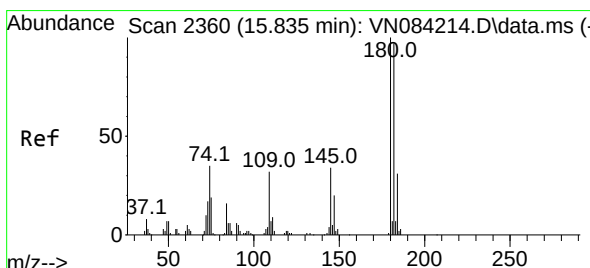
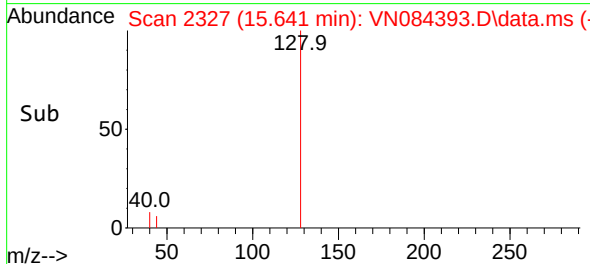
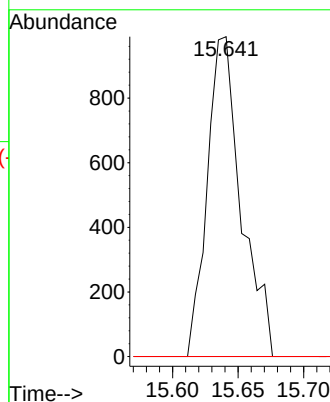
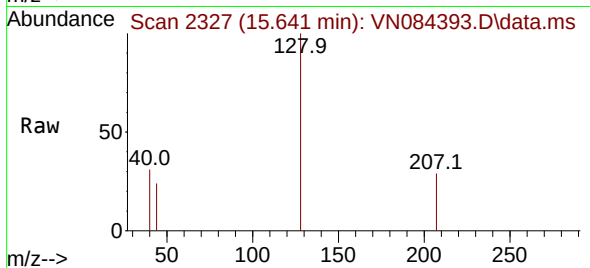
Tgt Ion:128 Resp: 1788

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.221 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084393.D

Acq: 11 Oct 2024 10:45

Tgt Ion:180 Resp: 377

Ion Ratio Lower Upper

180 100

182 39.0 48.2 144.6#

145 0.0 17.3 51.9#

