

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084798.D
 Acq On : 12 Nov 2024 16:01
 Operator : JC\MD
 Sample : PB164881TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 23:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	154435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109638	49.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	8.159	113	86519	47.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	10.565	98	314898	47.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.780%
62) 4-Bromofluorobenzene	12.847	95	119123	47.972	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.940%

Target Compounds			Qvalue			
3) Chloromethane	2.353	50	477	Below Cal	#	41
5) Bromomethane	2.900	94	513	0.507	ug/l #	76
6) Chloroethane	3.118	64	244	Below Cal	#	45
11) Tert butyl alcohol	5.477	59	723	2.456	ug/l #	73
16) Acetone	4.436	43	24393	35.410	ug/l	95
17) Carbon Disulfide	4.689	76	1518	0.280	ug/l #	75
18) Methyl Acetate	5.036	43	3459	Below Cal	#	51
20) Methylene Chloride	5.265	84	12957	6.605	ug/l	89
25) 2-Butanone	7.488	43	2467	2.371	ug/l	98
29) Tetrahydrofuran	7.835	42	521	0.755	ug/l #	34
31) Cyclohexane	8.218	56	3122	1.014	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12007	4.800	ug/l #	50
37) Ethyl Acetate	7.565	43	2302	1.014	ug/l #	82
38) Carbon Tetrachloride	8.218	117	16927	6.054	ug/l #	16
42) 1,2-Dichloroethane	8.677	62	674	0.259	ug/l #	75
43) Isopropyl Acetate	8.688	43	98241	22.907	ug/l #	89
45) 1,2-Dichloropropane	9.735	63	1080	0.573	ug/l #	44
48) Methyl methacrylate	9.665	41	2834	1.604	ug/l #	41
51) 4-Methyl-2-Pentanone	10.447	43	7379	3.411	ug/l #	72
53) t-1,3-Dichloropropene	10.835	75	710	0.245	ug/l #	80
54) cis-1,3-Dichloropropene	10.359	75	28830	9.388	ug/l #	62
56) Ethyl methacrylate	10.982	69	741	0.289	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4279	1.409	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	1700	1.419	ug/l	98
59) 2-Hexanone	11.200	43	43327	27.512	ug/l #	59
65) Chlorobenzene	11.888	112	1310	0.244	ug/l	94
68) m/p-Xylenes	12.065	106	1128	0.333	ug/l #	70
70) Styrene	12.406	104	1978	0.358	ug/l #	85
73) Isopropylbenzene	12.694	105	1505	0.206	ug/l #	72
74) N-amyl acetate	12.488	43	1069	0.343	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	61276	29.357	ug/l #	1
77) Bromobenzene	12.982	156	826	0.420	ug/l	85
78) n-propylbenzene	13.035	91	2895	0.338	ug/l	97
79) 2-Chlorotoluene	13.123	91	1993	0.356	ug/l	89
80) 1,3,5-Trimethylbenzene	13.164	105	1765	0.291	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.847	75	61276	69.647	ug/l #	11

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Instrument :
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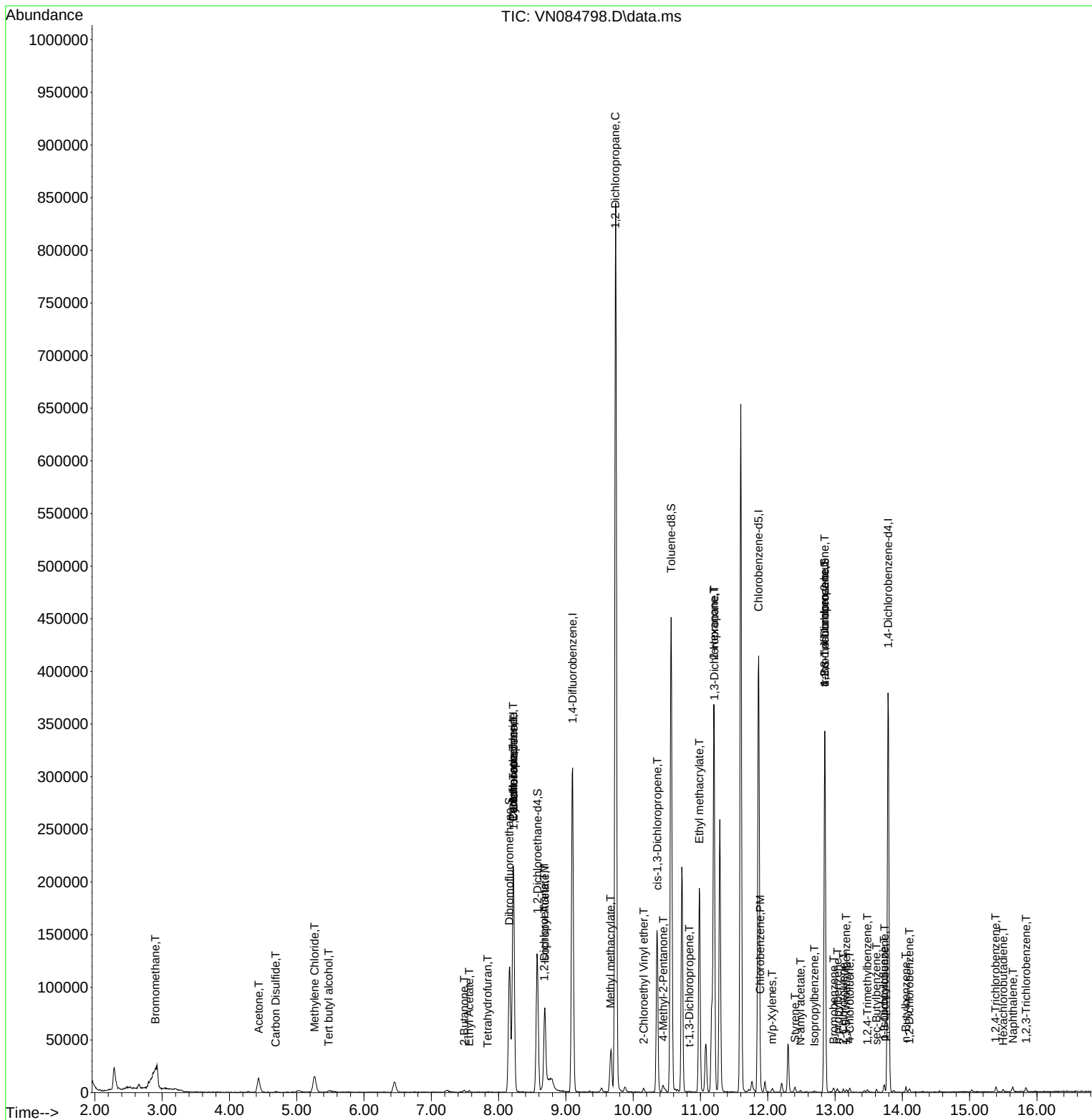
Quant Time: Nov 12 23:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
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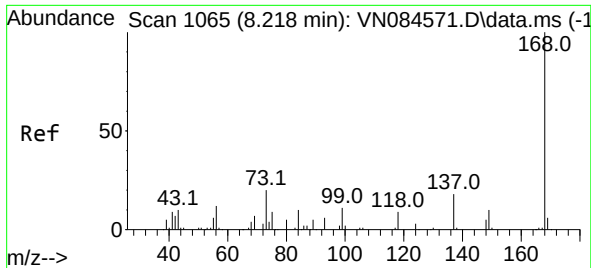
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) 4-Chlorotoluene	13.217	91	3109	0.527	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1517	0.242	ug/l	98
85) sec-Butylbenzene	13.617	105	1978	0.279	ug/l	93
86) p-Isopropyltoluene	13.729	119	1781	0.306	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	2390	0.623	ug/l	99
88) 1,4-Dichlorobenzene	13.735	146	2390	Below Cal		99
89) n-Butylbenzene	14.053	91	3106	0.571	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	1782	0.483	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	2067	1.024	ug/l	81
94) Hexachlorobutadiene	15.500	225	521	0.588	ug/l	92
95) Naphthalene	15.647	128	5013	0.829	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1792	0.914	ug/l	97

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

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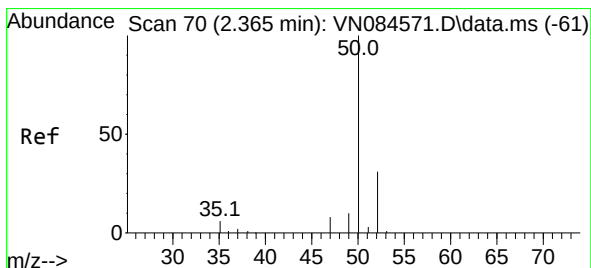
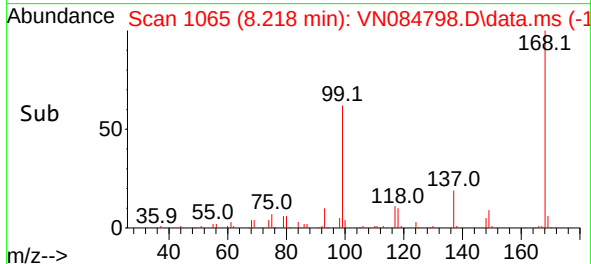
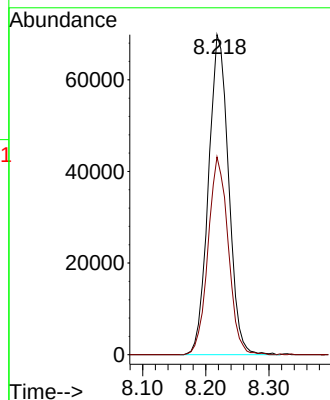
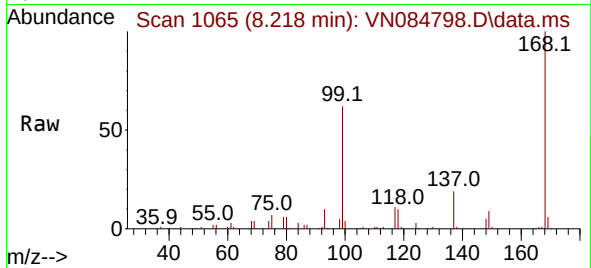




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

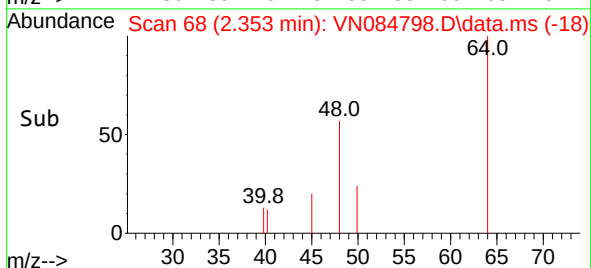
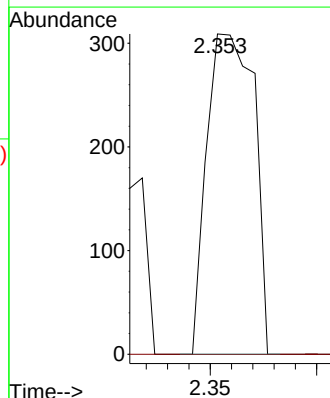
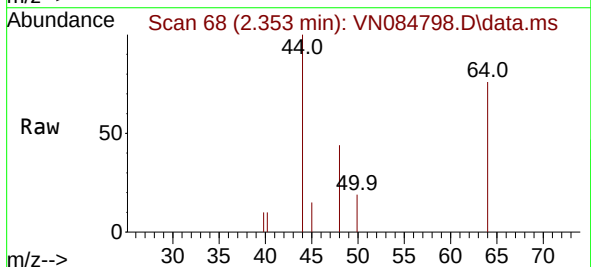
Instrument :
MSVOA_N
ClientSampleId :

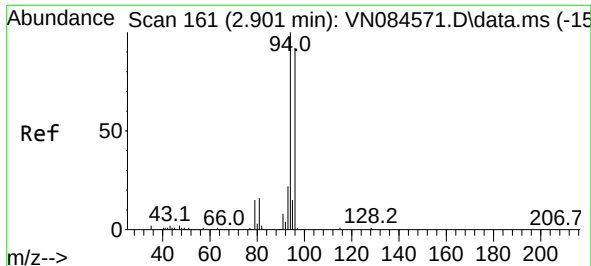
Tgt Ion:168 Resp: 154435
Ion Ratio Lower Upper
168 100
99 61.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

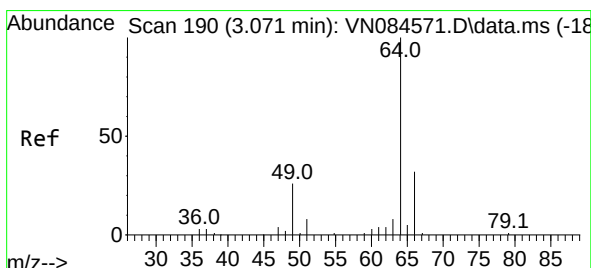
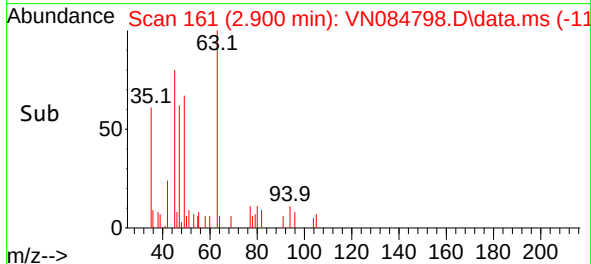
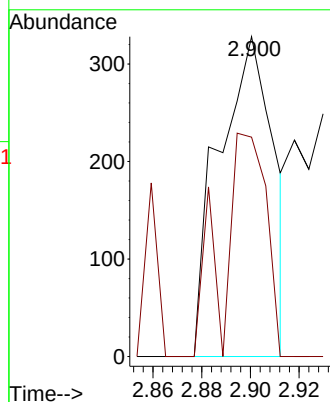
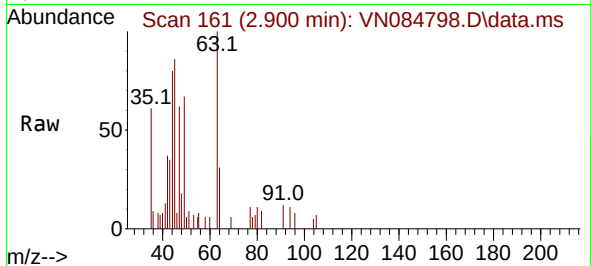




#5
Bromomethane
Concen: 0.507 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

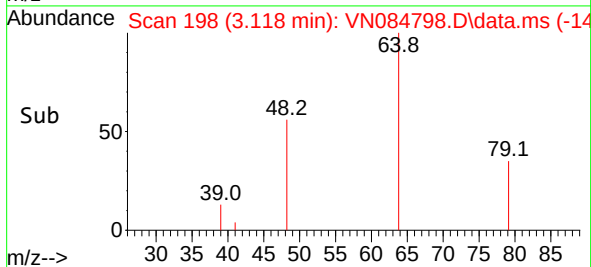
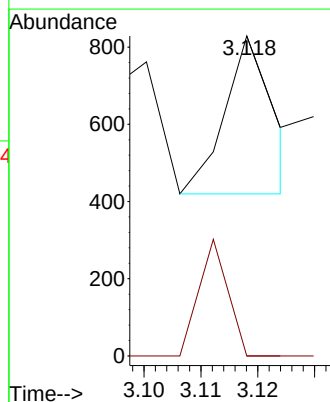
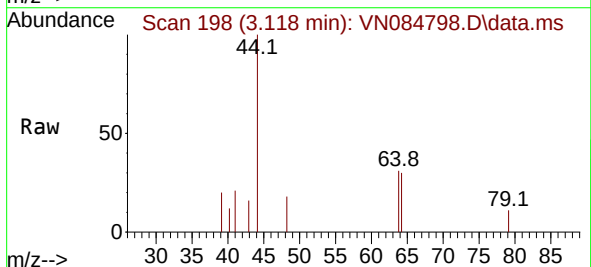
Instrument :
MSVOA_N
ClientSampleId :

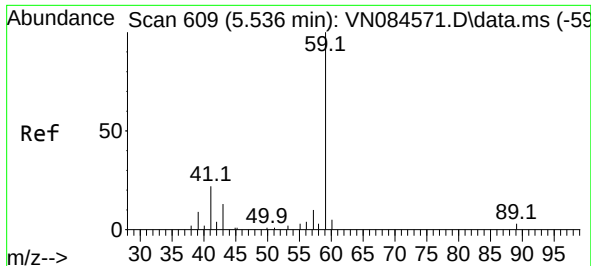
Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 68.6 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 64 Resp: 244
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

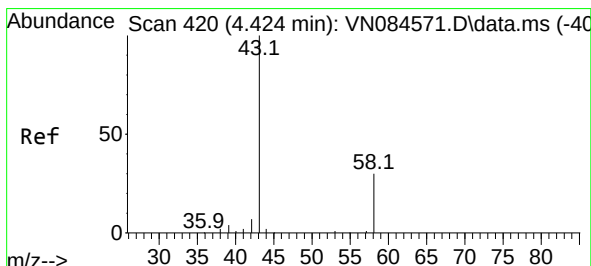
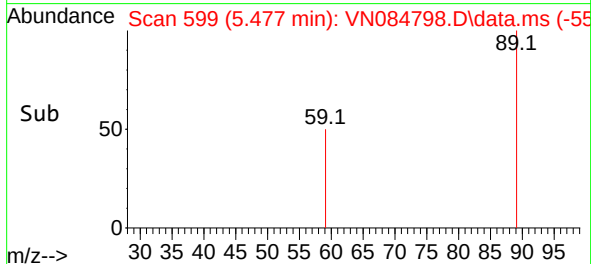
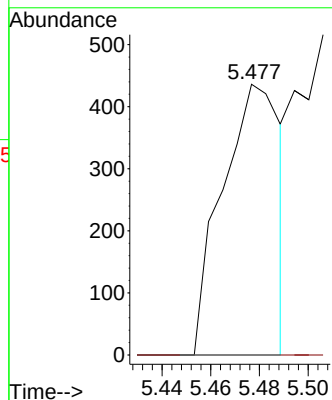
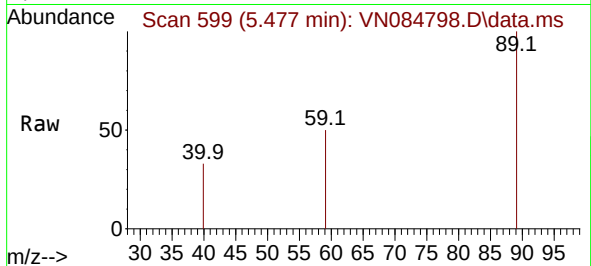




#11
Tert butyl alcohol
Concen: 2.456 ug/l
RT: 5.477 min Scan# 59
Delta R.T. -0.047 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

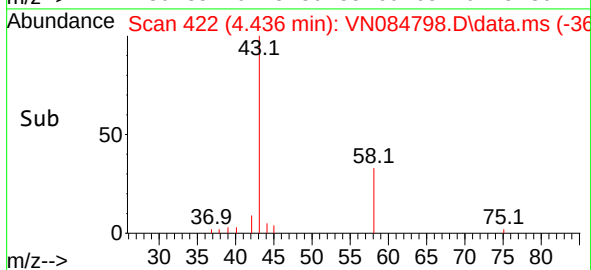
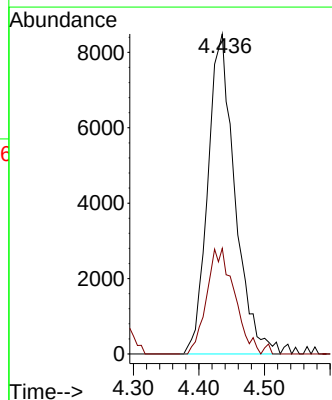
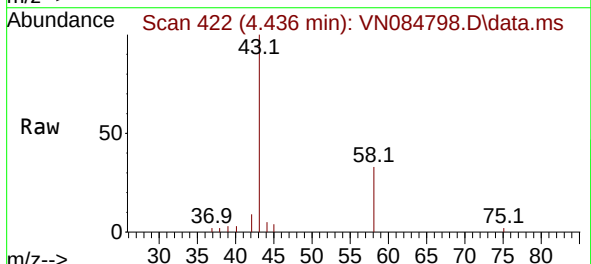
Instrument :
MSVOA_N
ClientSampleId :

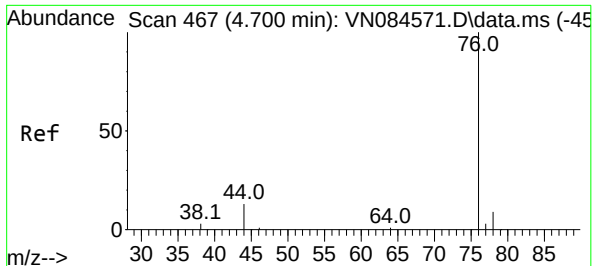
Tgt Ion: 59 Resp: 723
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 35.410 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

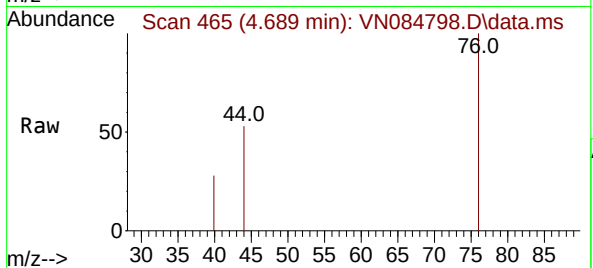
Tgt Ion: 43 Resp: 24393
Ion Ratio Lower Upper
43 100
58 33.0 24.4 36.6



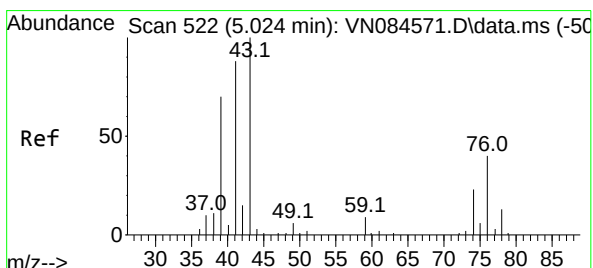
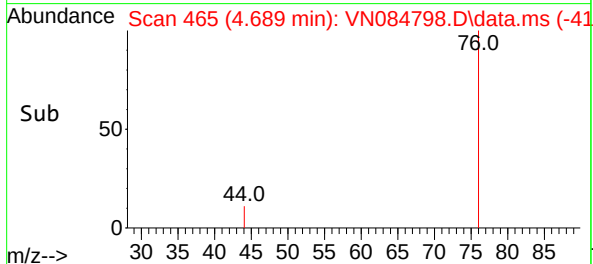
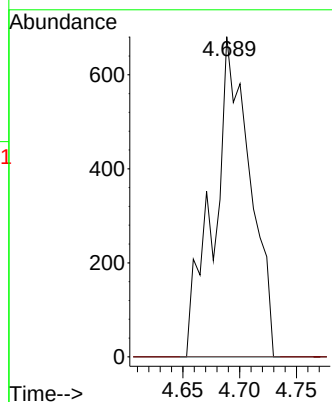


#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 4.689 min Scan# 41
Delta R.T. -0.023 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

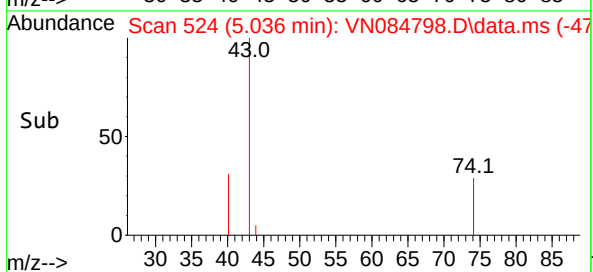
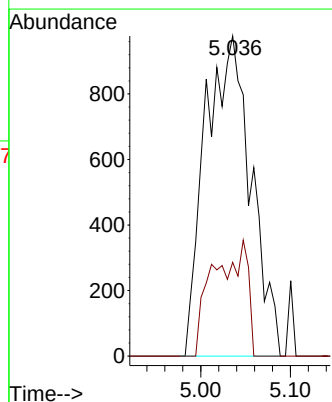
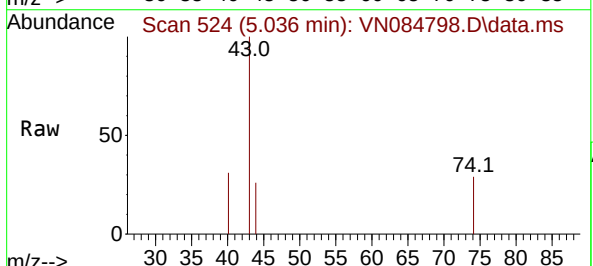


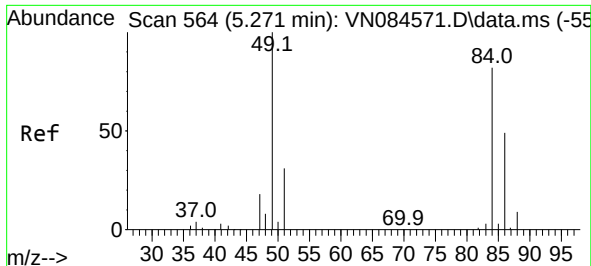
Tgt Ion: 76 Resp: 1518
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

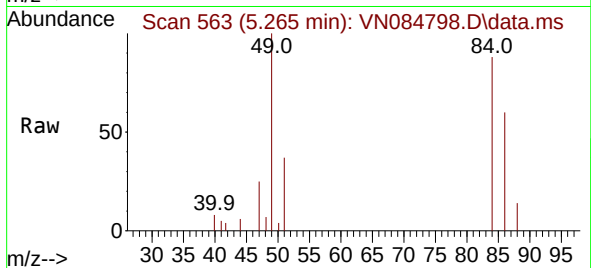
Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



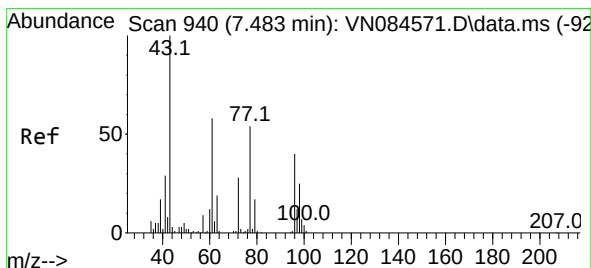
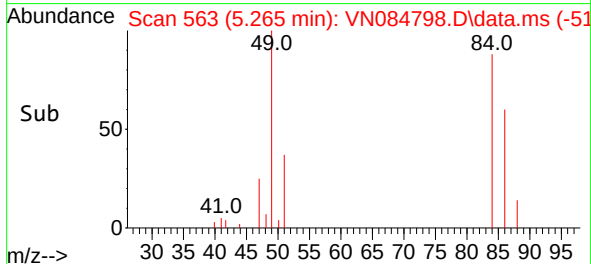
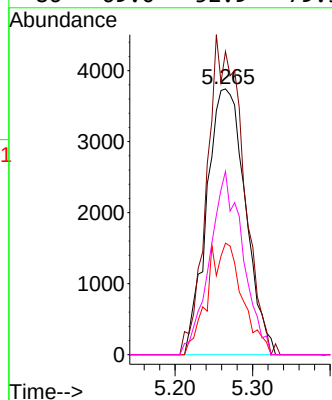


#20
Methylene Chloride
Concen: 6.605 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

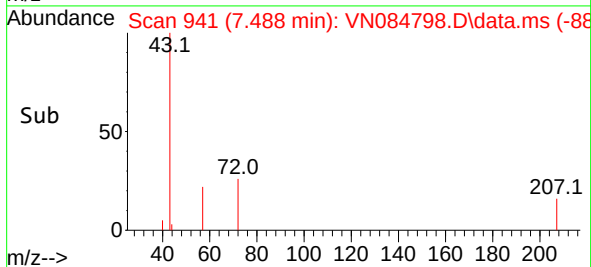
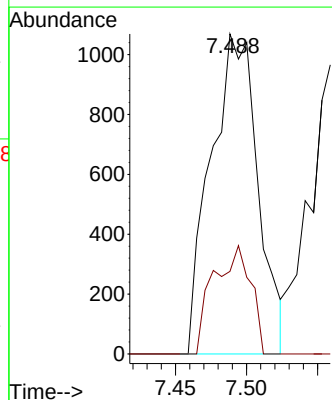
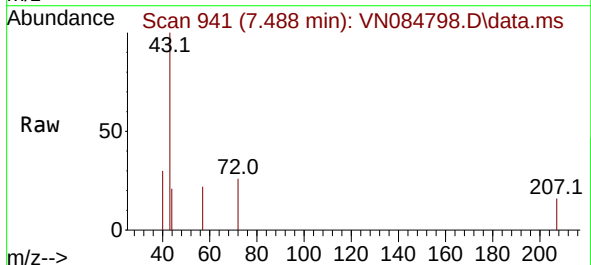


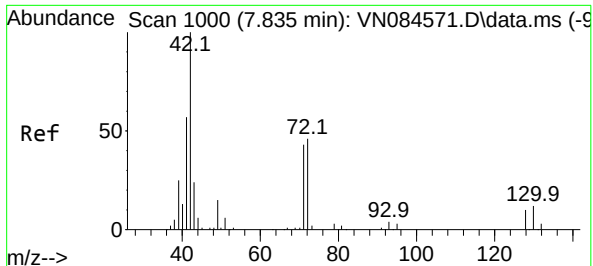
Tgt Ion:	84	Resp:	12957
Ion	Ratio	Lower	Upper
84	100		
49	114.1	107.2	160.8
51	42.0	31.8	47.8
86	69.0	52.9	79.3



#25
2-Butanone
Concen: 2.371 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion:	43	Resp:	2467
Ion	Ratio	Lower	Upper
43	100		
72	25.8	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.755 ug/l

RT: 7.835 min Scan# 1065

Delta R.T. -0.000 min

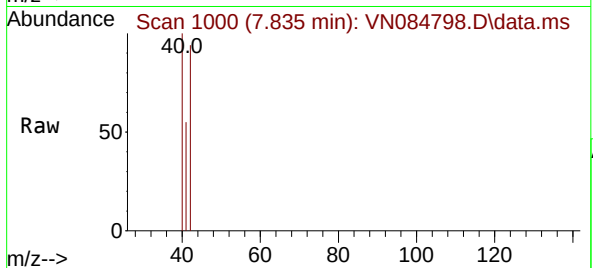
Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

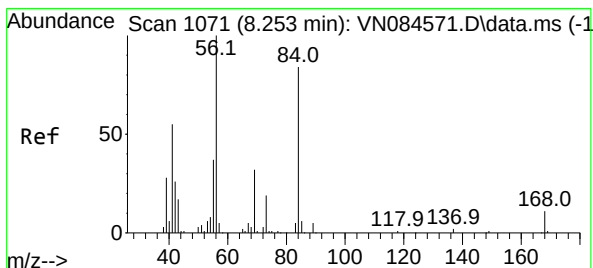
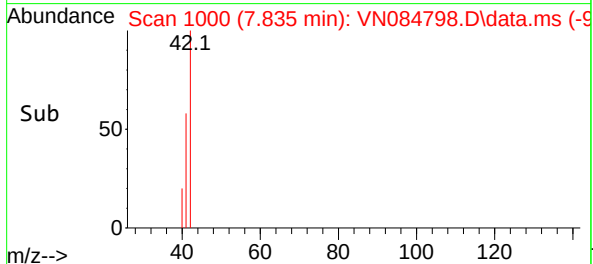
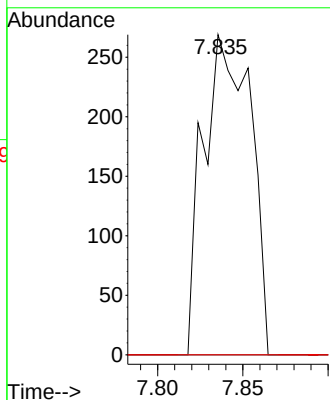
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	521
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	0.0	32.2	48.4#



#31

Cyclohexane

Concen: 1.014 ug/l

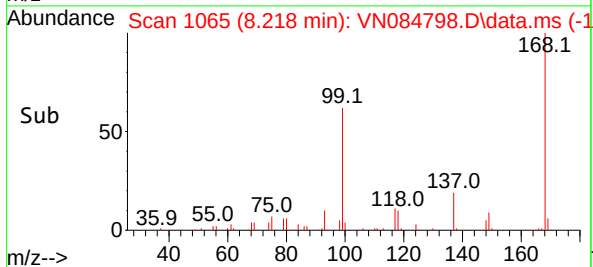
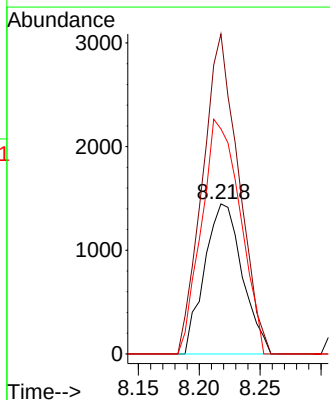
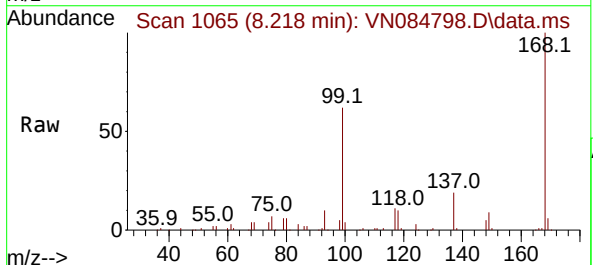
RT: 8.218 min Scan# 1065

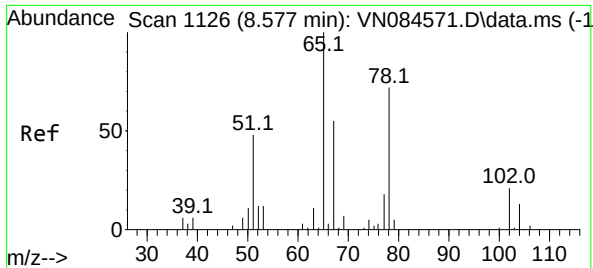
Delta R.T. -0.035 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Tgt Ion:	56	Resp:	3122
Ion	Ratio	Lower	Upper
56	100		
69	213.3	23.8	35.6#
84	150.1	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 49.153 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

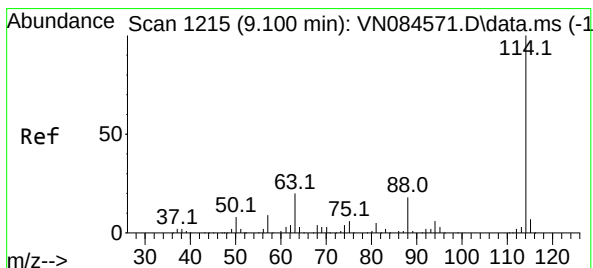
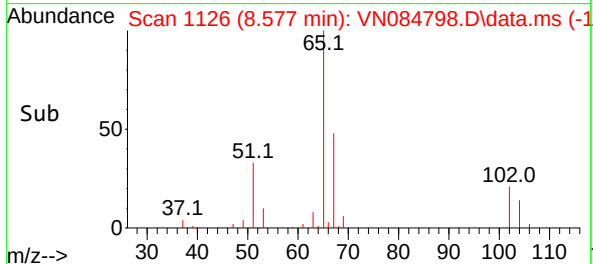
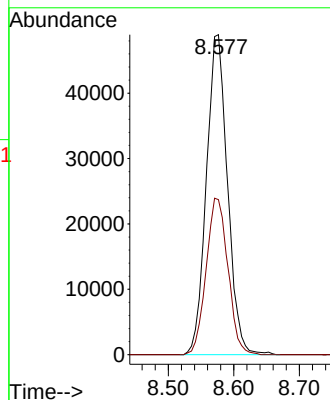
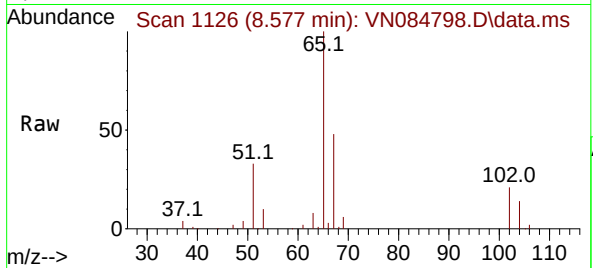
ClientSampleId :

Tgt Ion: 65 Resp: 109638

Ion Ratio Lower Upper

65 100

67 50.4 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: VN084798.D

Acq: 12 Nov 2024 16:01

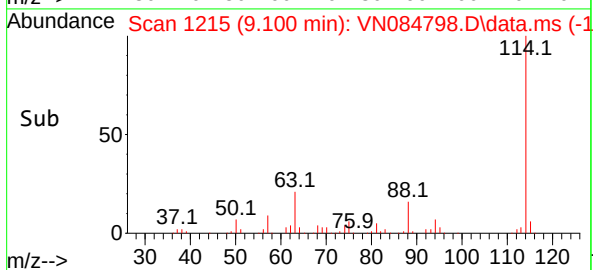
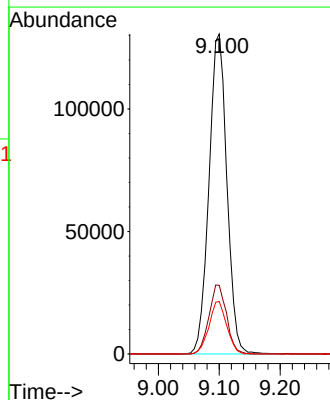
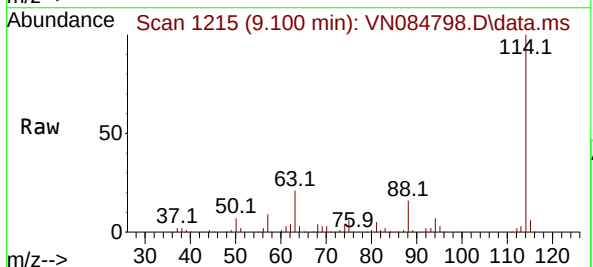
Tgt Ion: 114 Resp: 266473

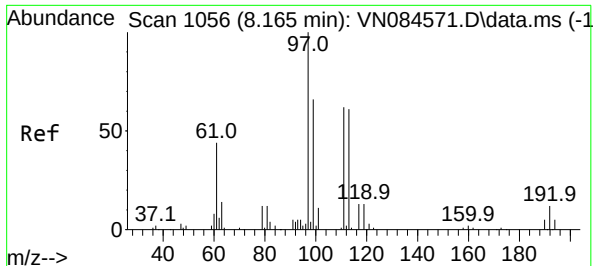
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.967 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

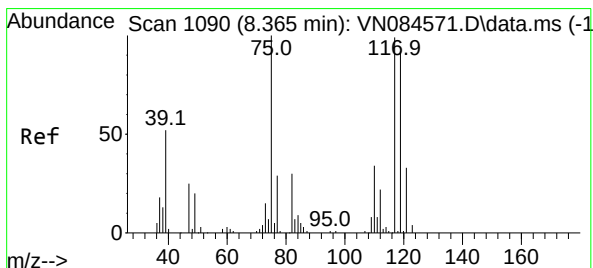
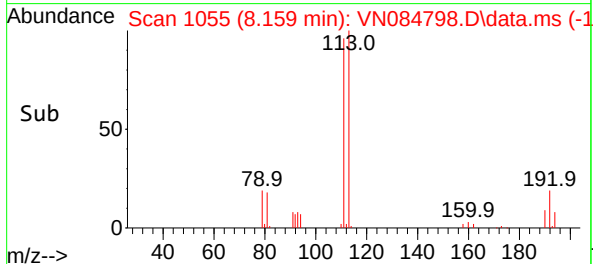
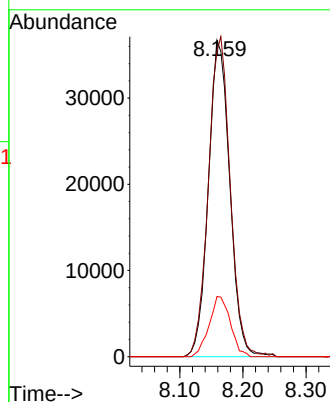
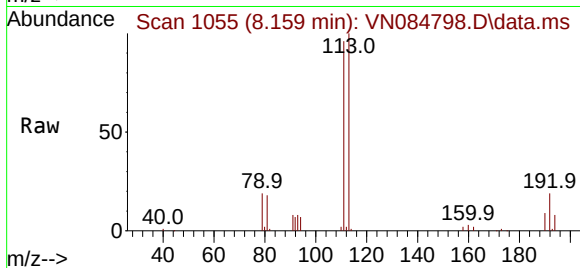
Tgt Ion:113 Resp: 86519

Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 18.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

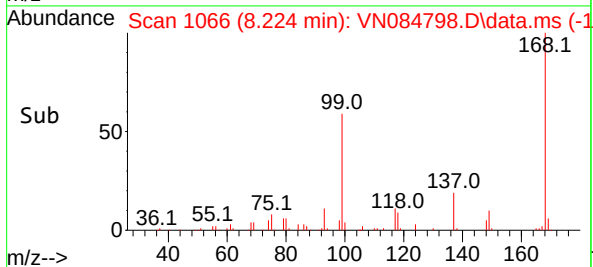
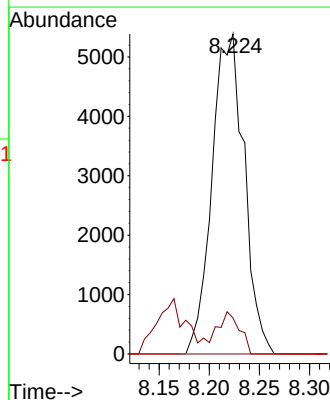
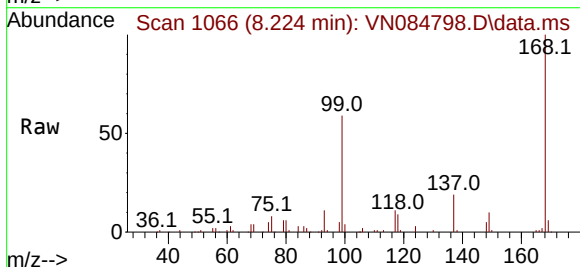
Tgt Ion: 75 Resp: 12007

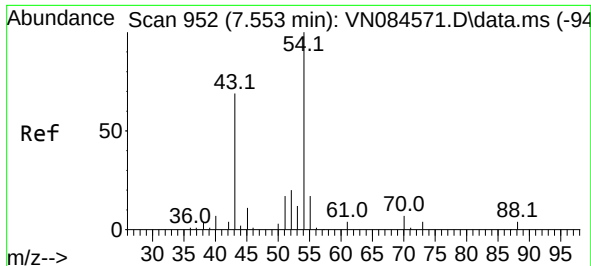
Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

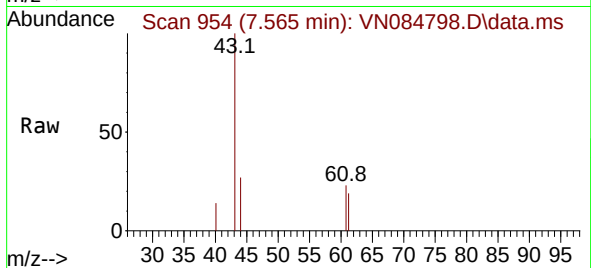
77 0.0 24.7 37.1#



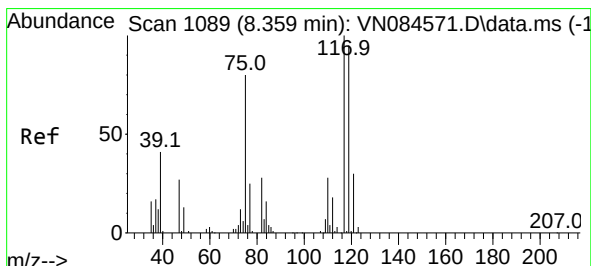
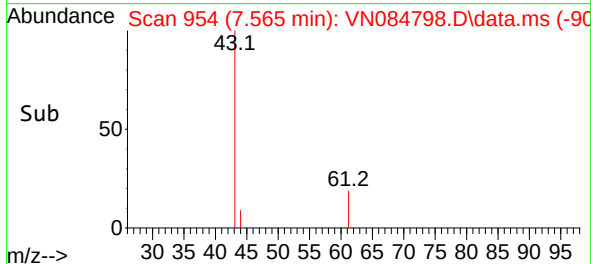
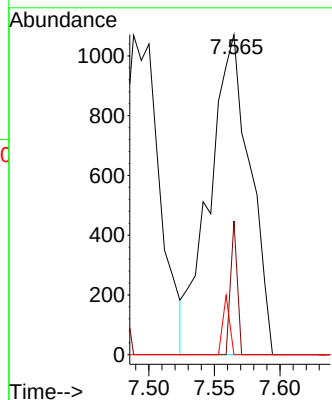


#37
Ethyl Acetate
Concen: 1.014 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

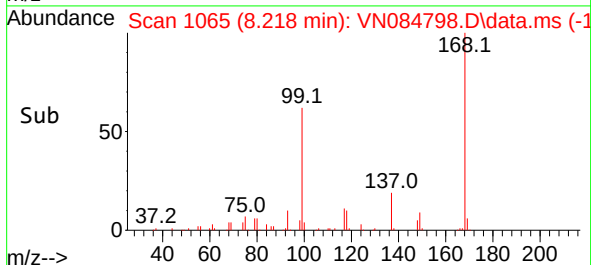
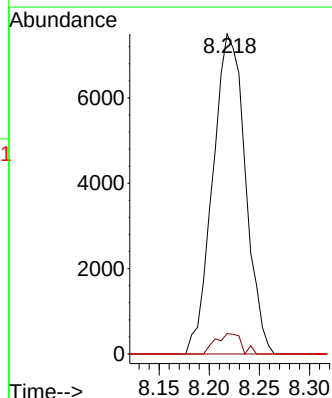
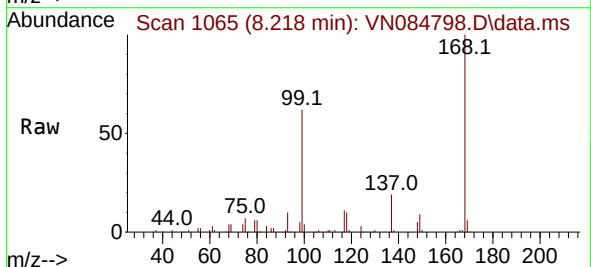


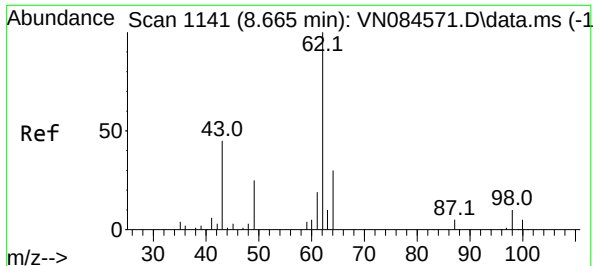
Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
61 6.9 10.7 16.1#
70 3.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 117 Resp: 16927
Ion Ratio Lower Upper
117 100
119 6.4 78.7 118.1#
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.259 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

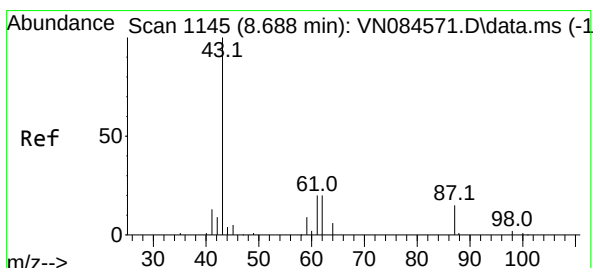
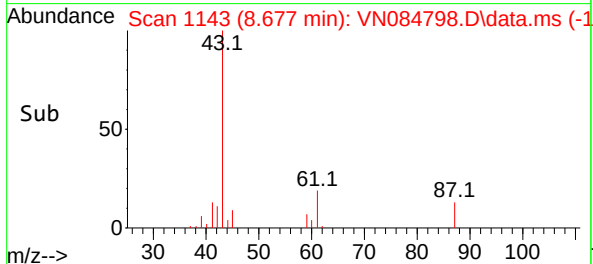
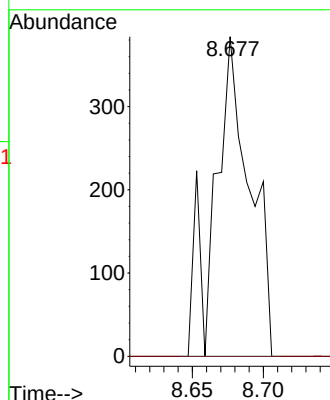
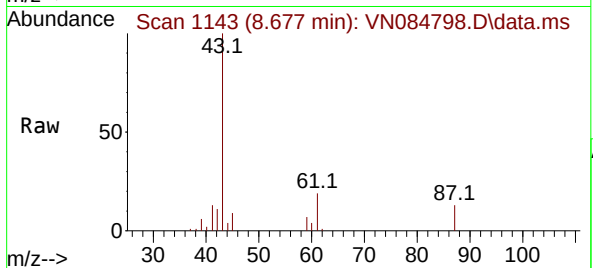
ClientSampleId :

Tgt Ion: 62 Resp: 674

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 22.907 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

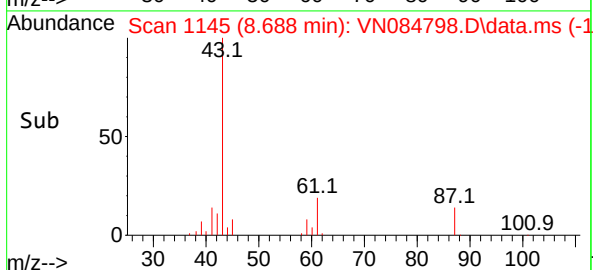
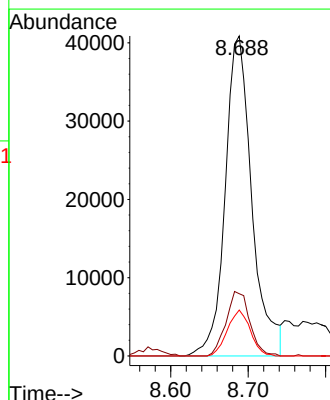
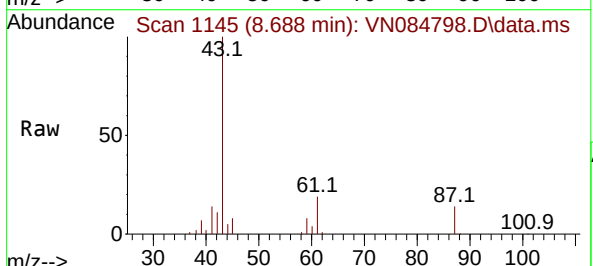
Tgt Ion: 43 Resp: 98241

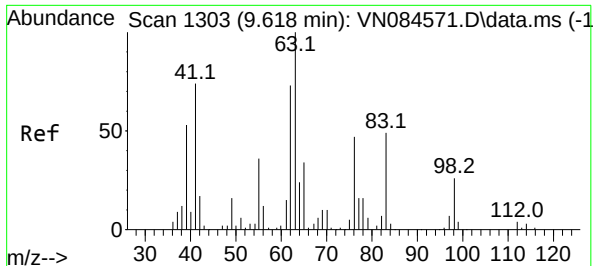
Ion Ratio Lower Upper

43 100

61 17.9 20.4 30.6#

87 12.3 10.3 15.5





#45

1,2-Dichloropropane

Concen: 0.573 ug/l

RT: 9.735 min Scan# 11

Delta R.T. 0.117 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

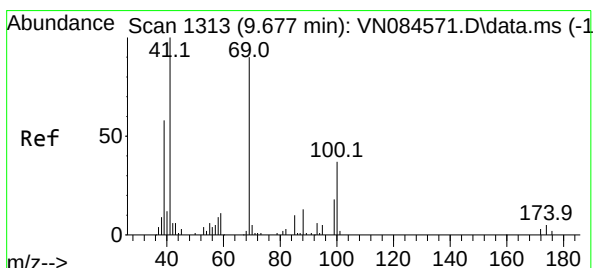
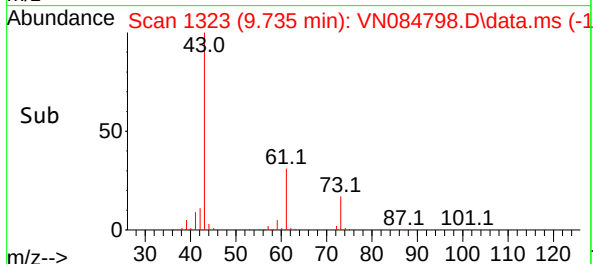
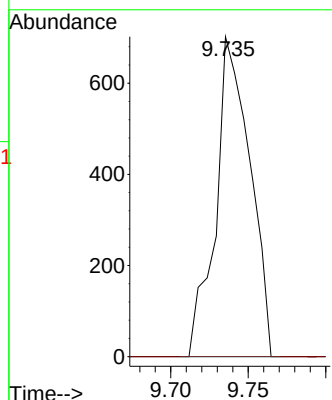
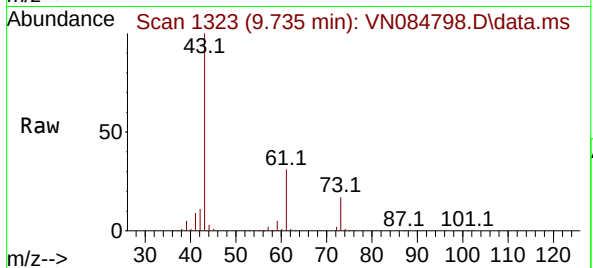
ClientSampleId :

Tgt Ion: 63 Resp: 1080

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.604 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.012 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

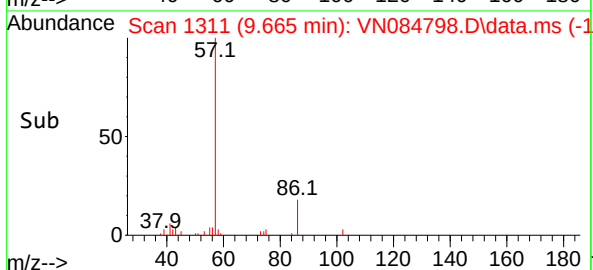
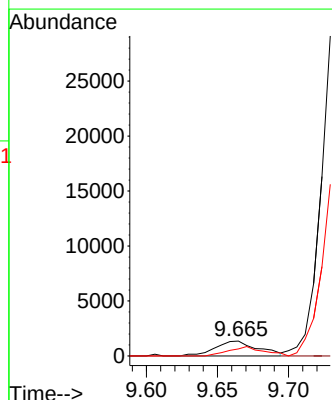
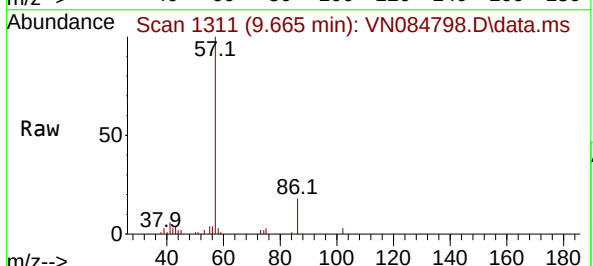
Tgt Ion: 41 Resp: 2834

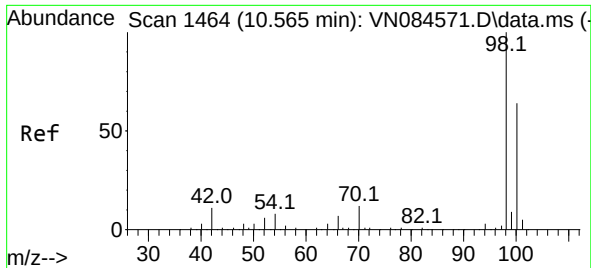
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 50.1 45.8 68.6

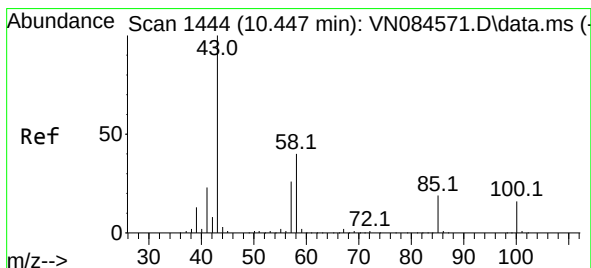
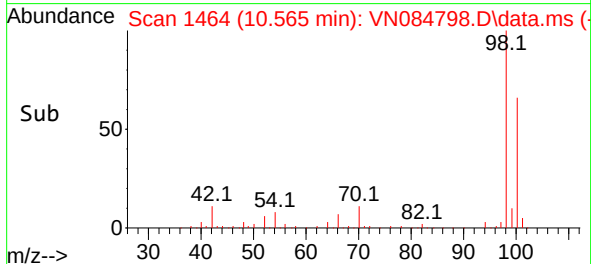
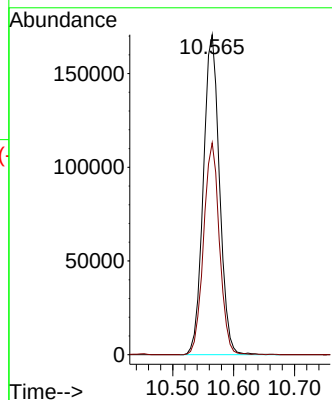
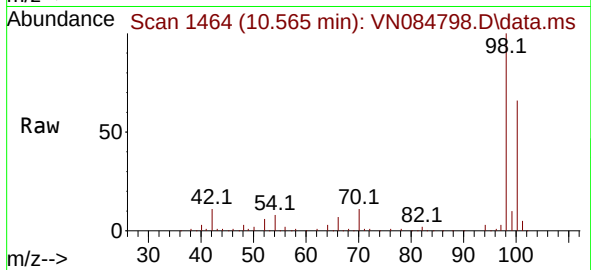




#50
Toluene-d8
Concen: 47.394 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

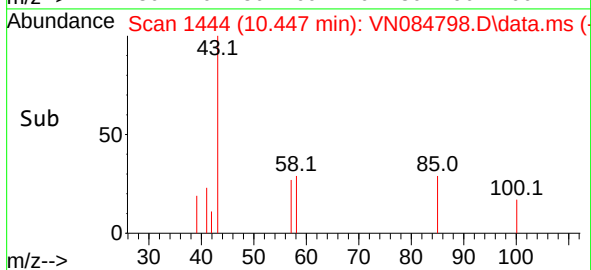
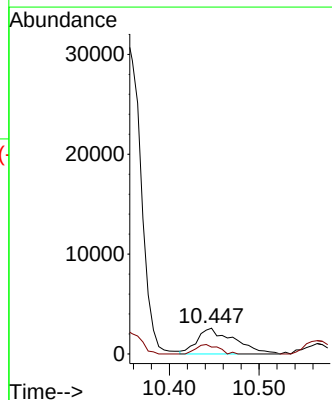
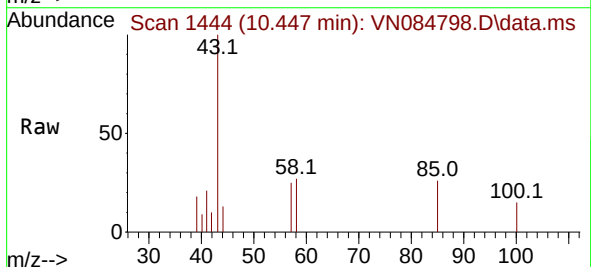
Instrument :
MSVOA_N
ClientSampleId :

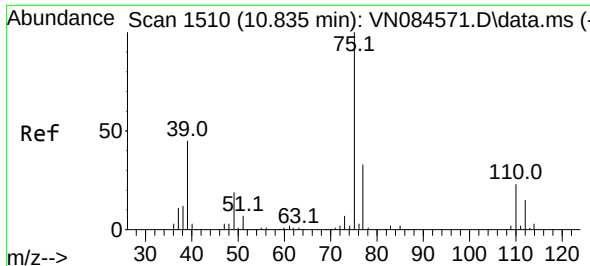
Tgt Ion: 98 Resp: 314898
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 3.411 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 43 Resp: 7379
Ion Ratio Lower Upper
43 100
58 22.1 31.6 47.4#

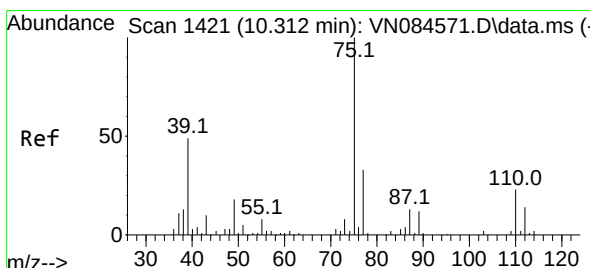
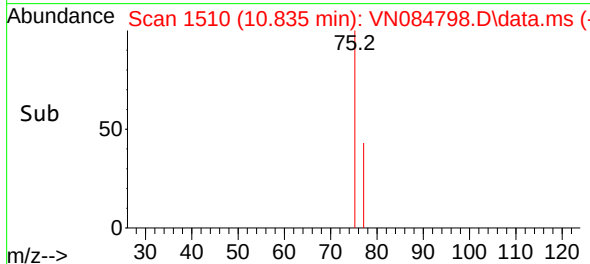
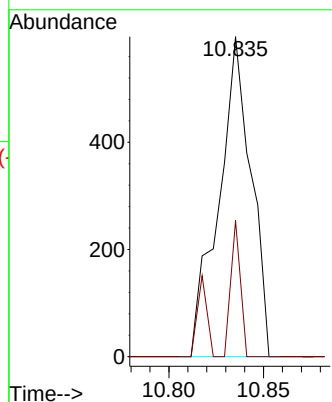
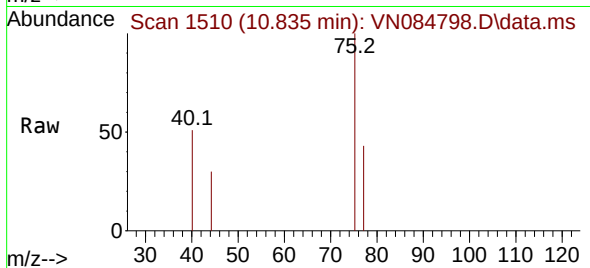




#53
t-1,3-Dichloropropene
Concen: 0.245 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

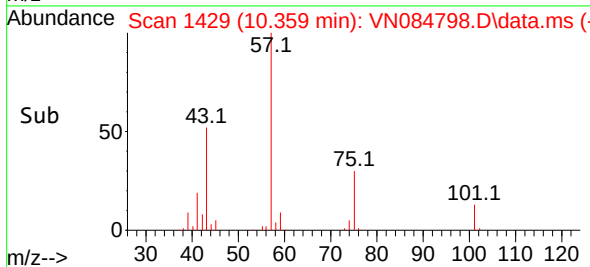
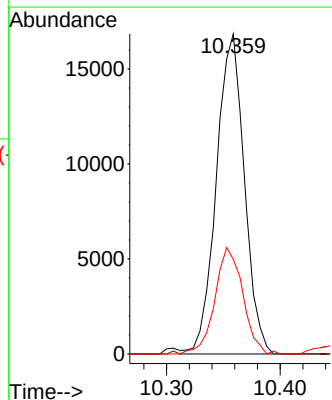
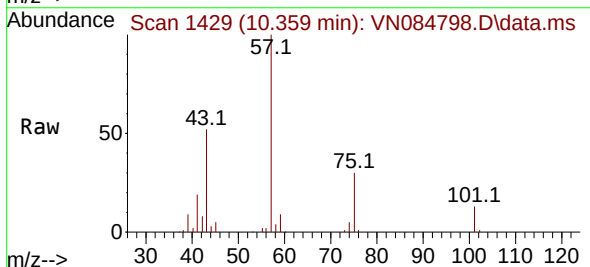
Instrument :
MSVOA_N
ClientSampleId :

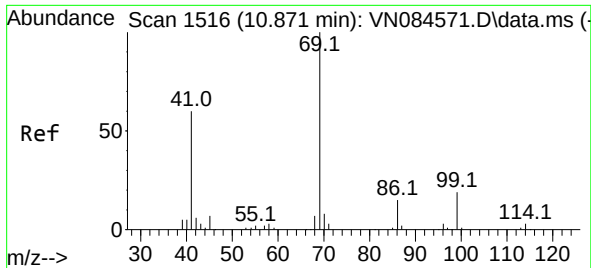
Tgt Ion: 75 Resp: 710
Ion Ratio Lower Upper
75 100
77 42.5 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 9.388 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 75 Resp: 28830
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 29.5 38.7 58.1#

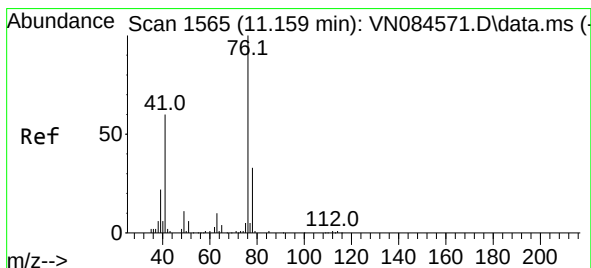
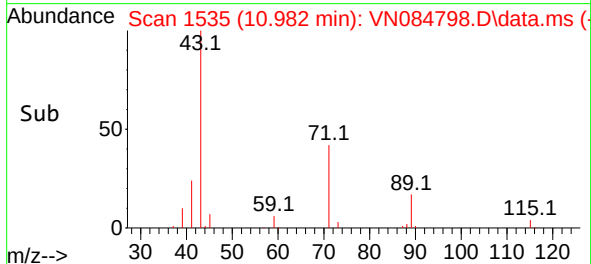
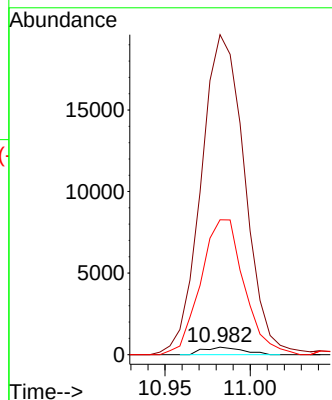
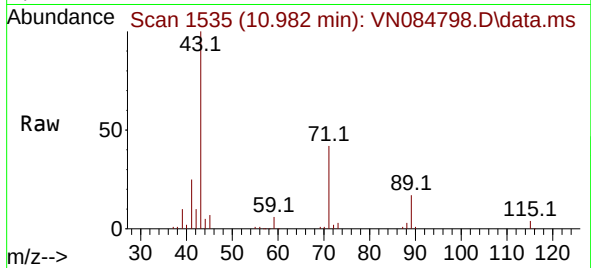




#56
Ethyl methacrylate
Concen: 0.289 ug/l
RT: 10.982 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

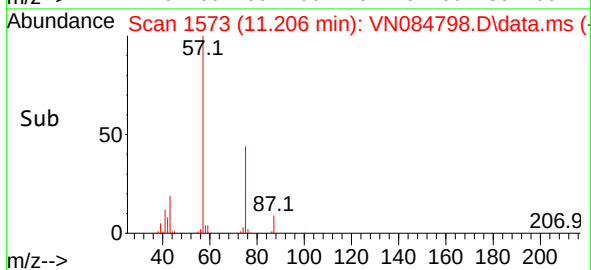
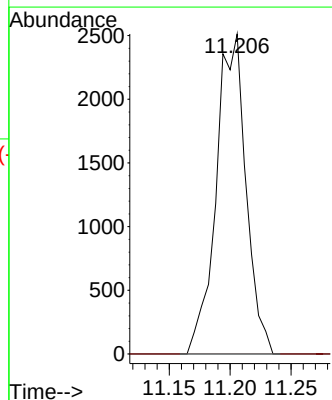
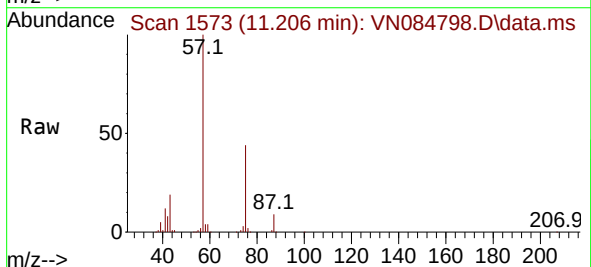
Instrument :
MSVOA_N
ClientSampleId :

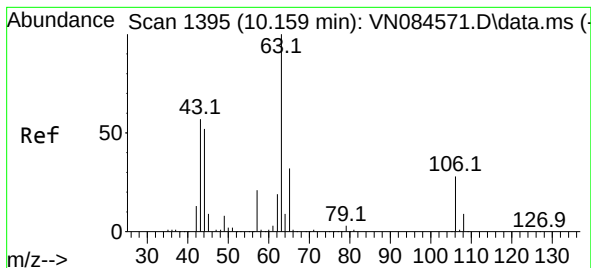
Tgt Ion: 69 Resp: 741
Ion Ratio Lower Upper
69 100
41 4726.3 53.3 79.9#
39 1983.9 28.8 43.2#



#57
1,3-Dichloropropane
Concen: 1.409 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.047 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 76 Resp: 4279
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

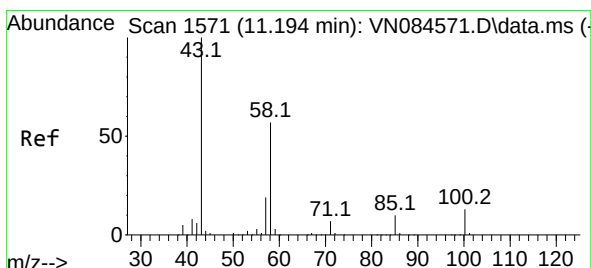
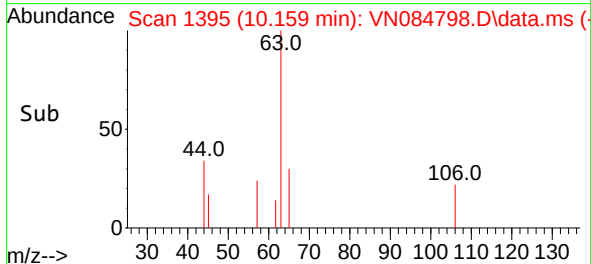
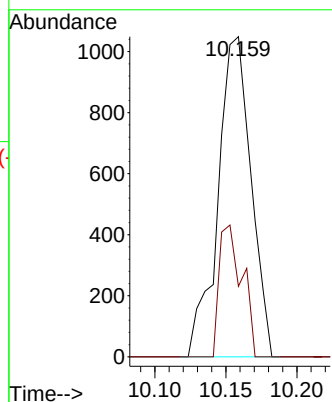
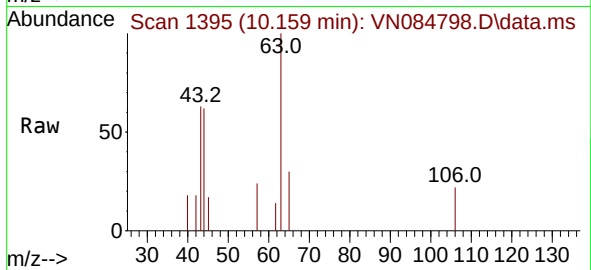




#58
2-Chloroethyl Vinyl ether
Concen: 1.419 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

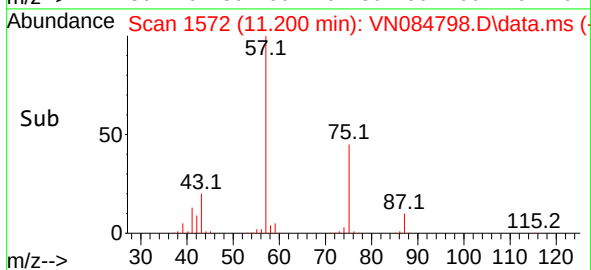
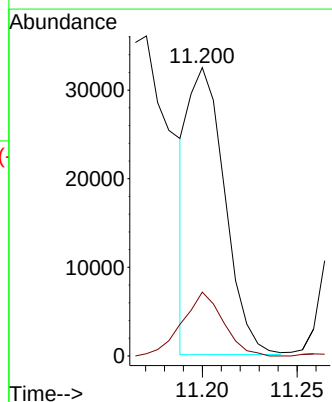
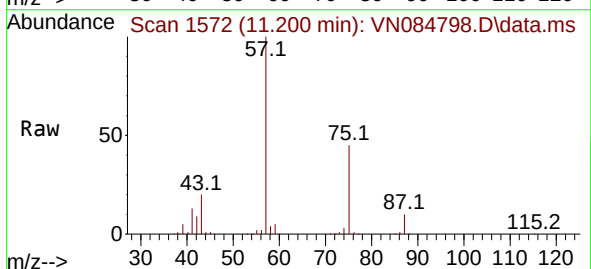
Instrument :
MSVOA_N
ClientSampleId :

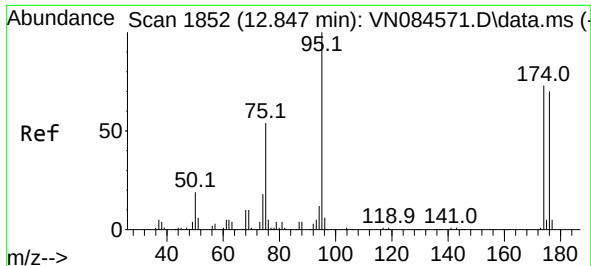
Tgt Ion: 63 Resp: 1700
Ion Ratio Lower Upper
63 100
106 28.3 21.8 32.6



#59
2-Hexanone
Concen: 27.512 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 43 Resp: 43327
Ion Ratio Lower Upper
43 100
58 25.0 27.3 81.8#

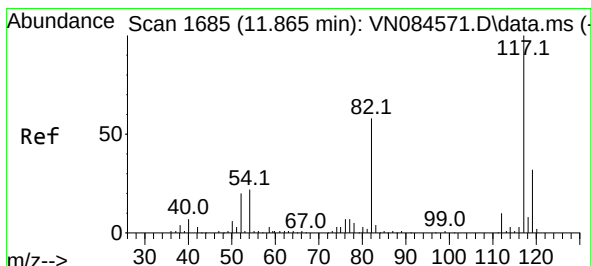
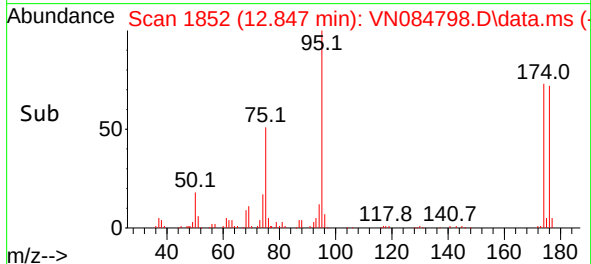
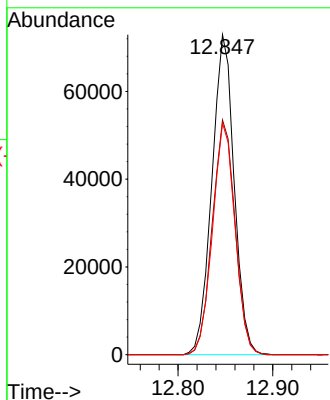
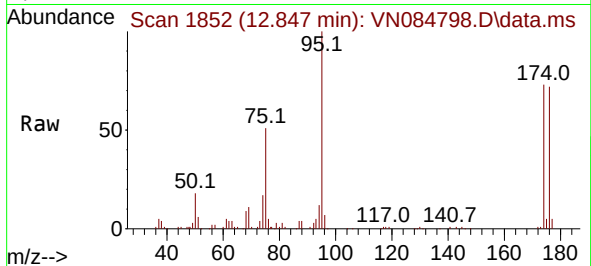




#62
4-Bromofluorobenzene
Concen: 47.972 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

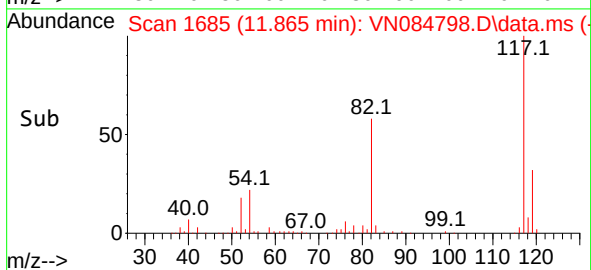
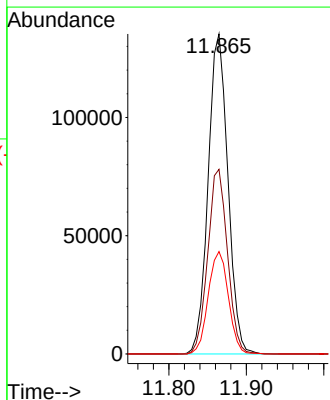
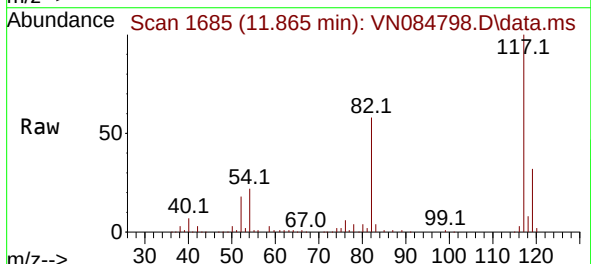
Instrument :
MSVOA_N
ClientSampleId :

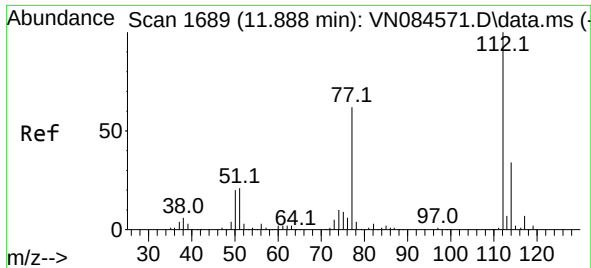
Tgt Ion: 95 Resp: 119123
Ion Ratio Lower Upper
95 100
174 74.8 0.0 145.2
176 73.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 117 Resp: 239765
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 32.0 25.4 38.0

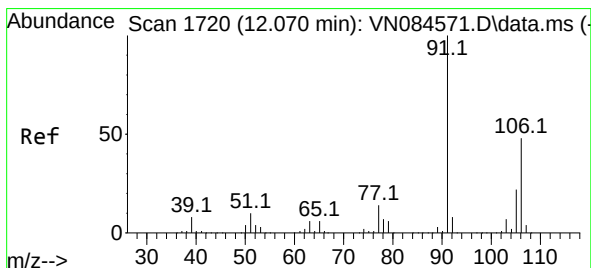
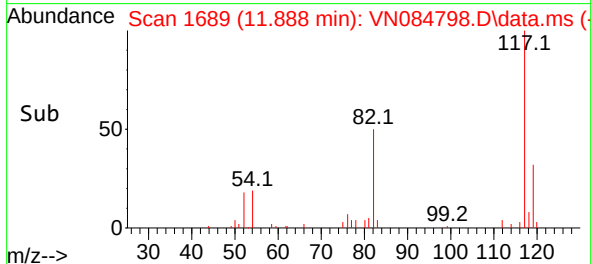
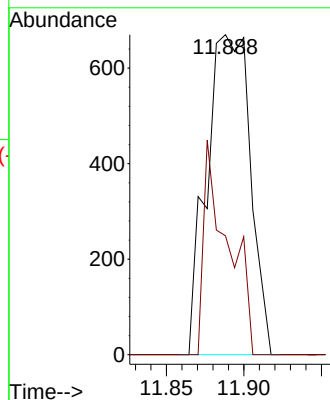
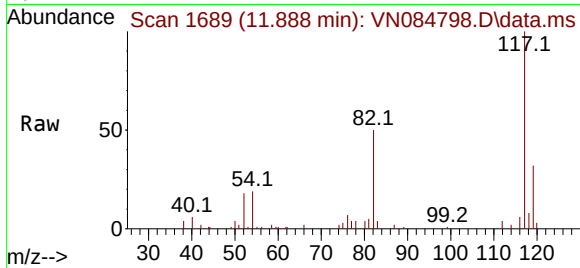




#65
Chlorobenzene
Concen: 0.244 ug/l
RT: 11.888 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

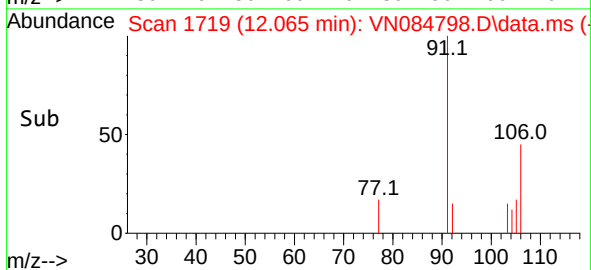
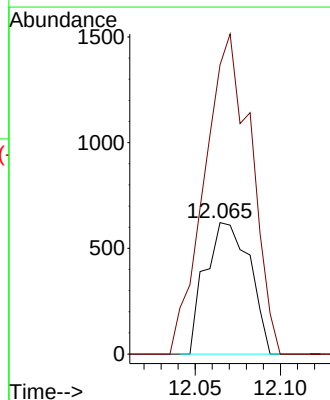
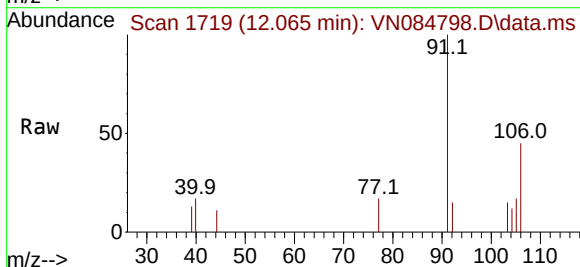
Instrument :
MSVOA_N
ClientSampleId :

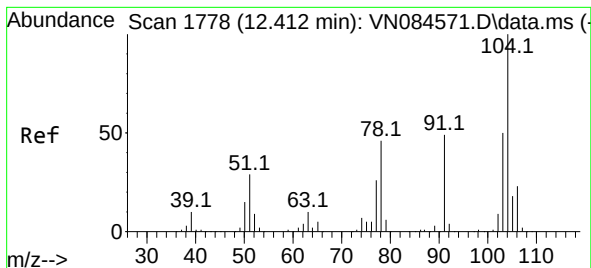
Tgt Ion:112 Resp: 1310
Ion Ratio Lower Upper
112 100
114 37.2 27.0 40.6



#68
m/p-Xylenes
Concen: 0.333 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion:106 Resp: 1128
Ion Ratio Lower Upper
106 100
91 254.9 167.1 250.7#





#70

Styrene

Concen: 0.358 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

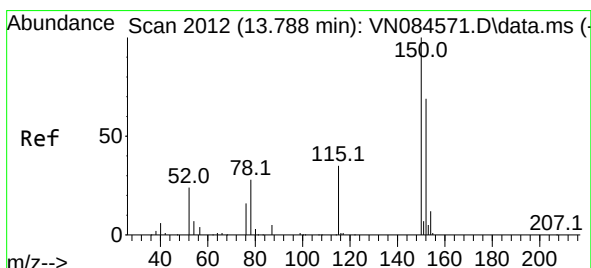
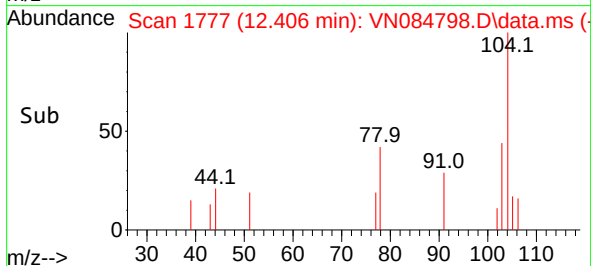
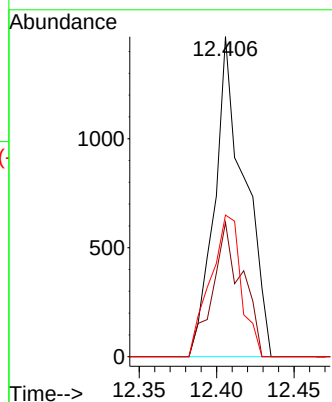
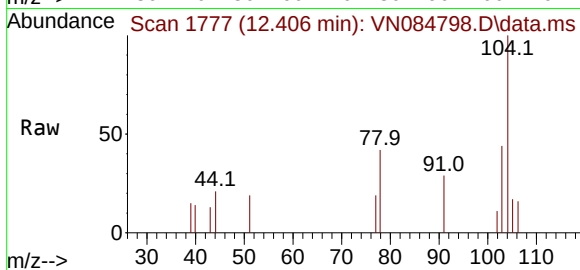
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 1978

Ion	Ratio	Lower	Upper
104	100		
78	41.2	42.7	64.1#
103	45.6	43.6	65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

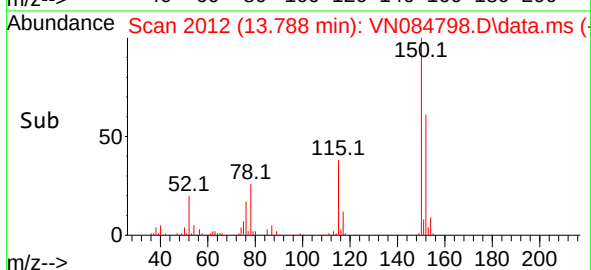
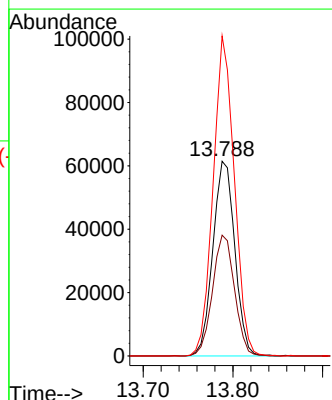
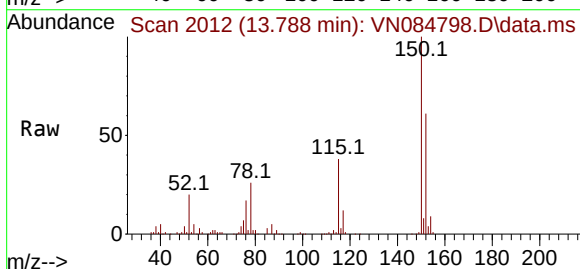
Delta R.T. -0.000 min

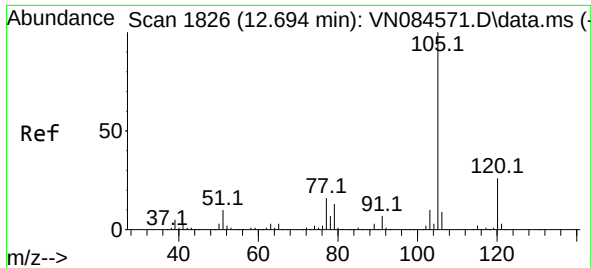
Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Tgt Ion:152 Resp: 104418

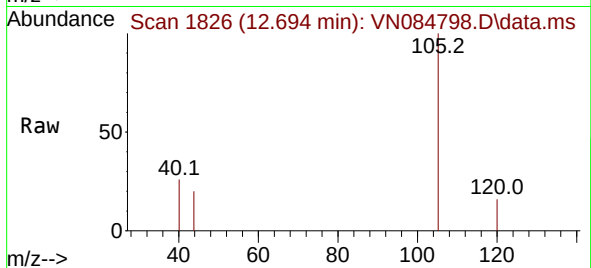
Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.3	93.9
150	158.5	0.0	349.8



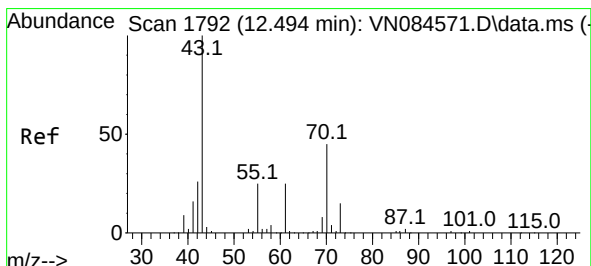
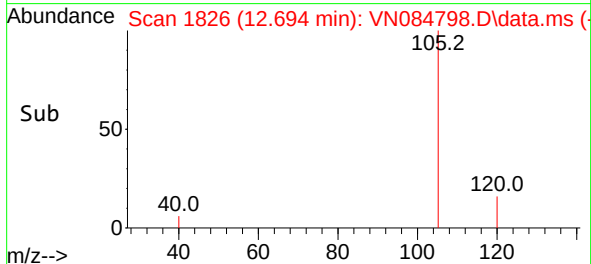
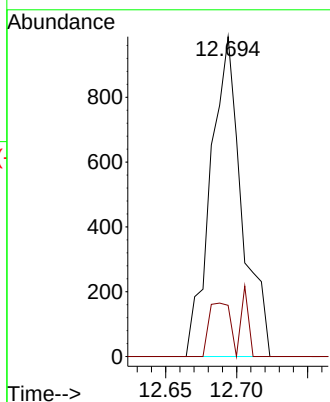


#73
Isopropylbenzene
Concen: 0.206 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

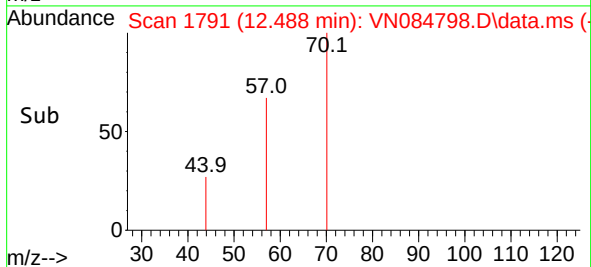
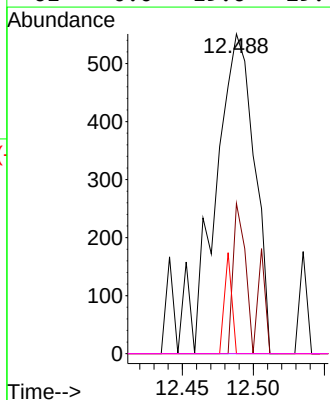
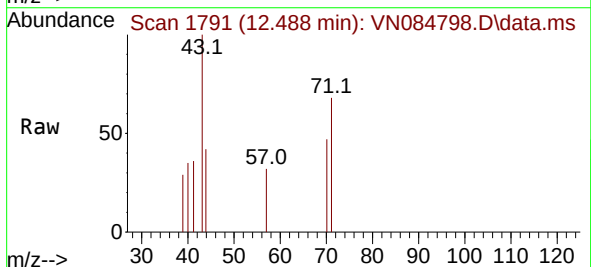


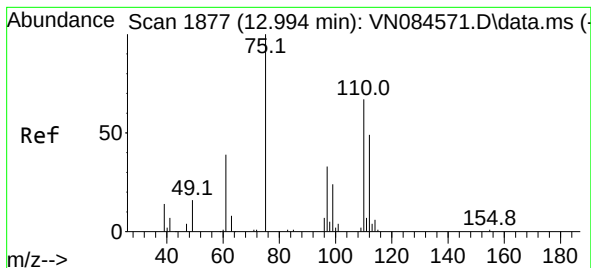
Tgt Ion:105 Resp: 1505
Ion Ratio Lower Upper
105 100
120 11.4 12.9 38.7#



#74
N-ethyl acetate
Concen: 0.343 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
70 20.5 34.4 51.6#
55 5.7 19.6 29.4#
61 0.0 19.6 29.4#

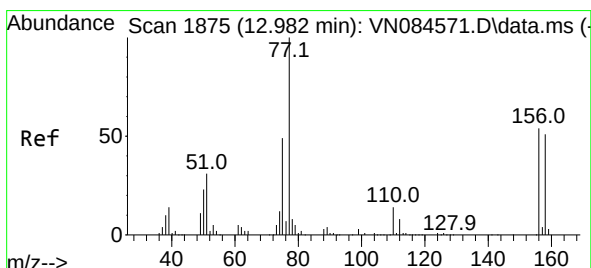
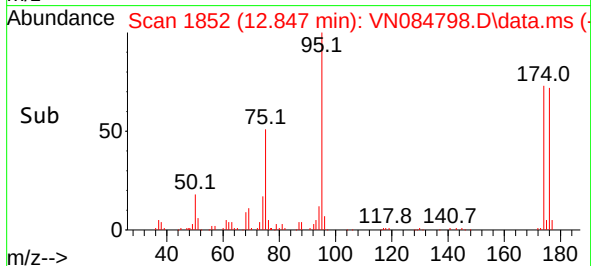
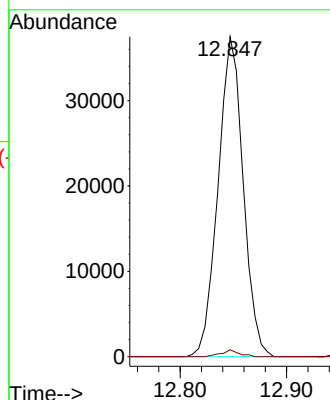
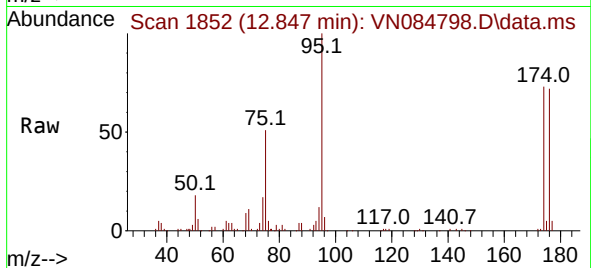




#76
1,2,3-Trichloropropane
Concen: 29.357 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

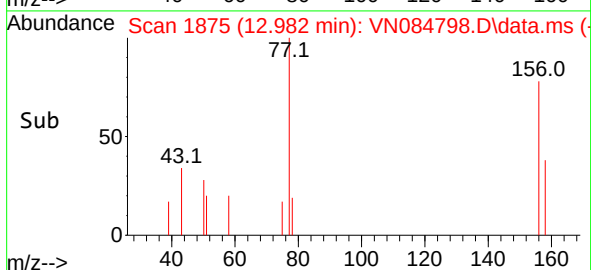
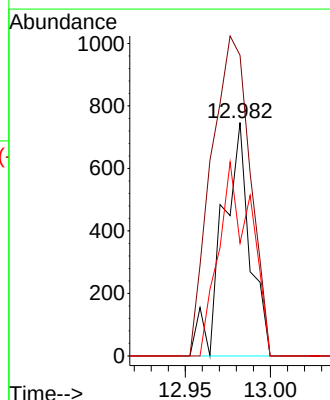
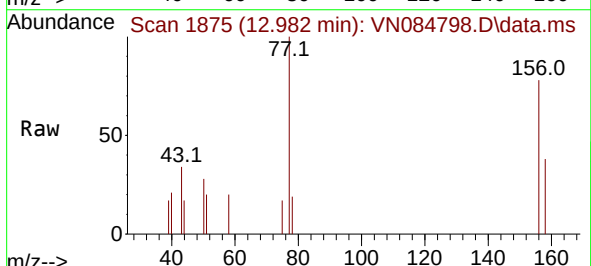
Instrument :
MSVOA_N
ClientSampleId :

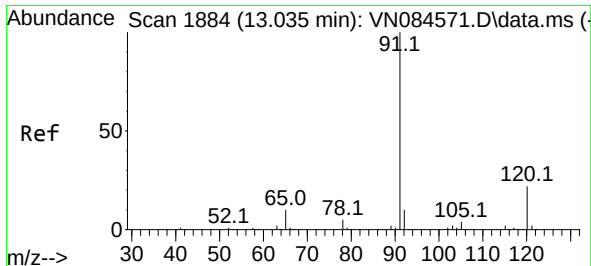
Tgt Ion: 75 Resp: 61276
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#



#77
Bromobenzene
Concen: 0.420 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion:156 Resp: 826
Ion Ratio Lower Upper
156 100
77 196.7 115.1 345.3
158 99.4 48.9 146.8

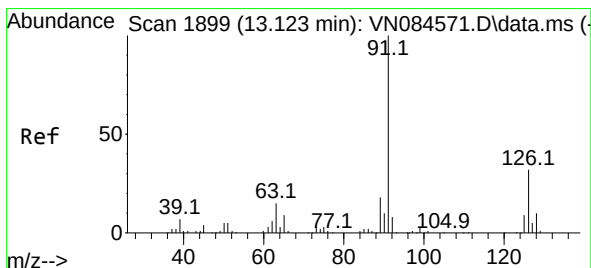
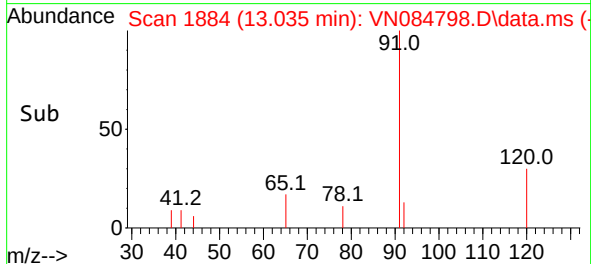
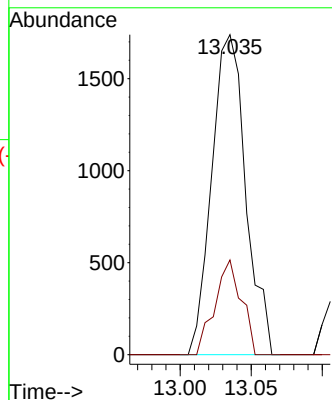
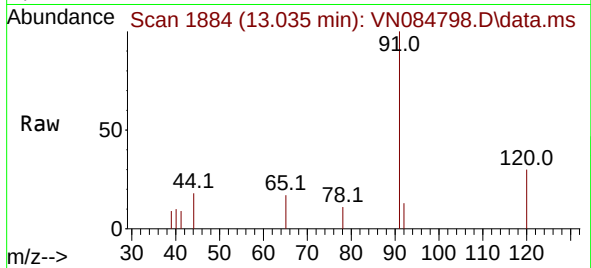




#78
n-propylbenzene
Concen: 0.338 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

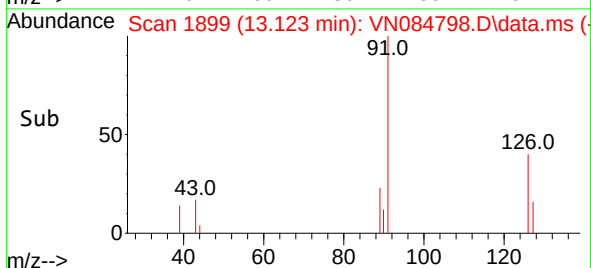
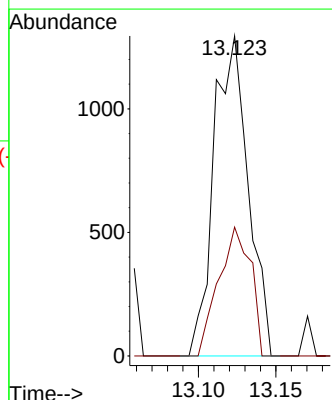
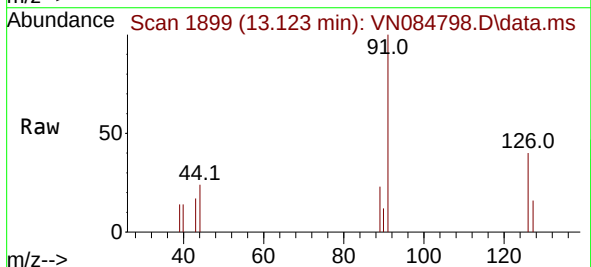
Instrument :
MSVOA_N
ClientSampleId :

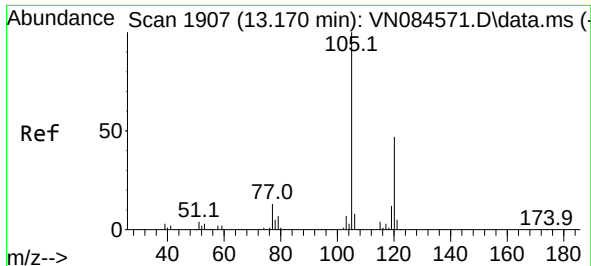
Tgt Ion: 91 Resp: 2895
Ion Ratio Lower Upper
91 100
120 23.1 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.356 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 91 Resp: 1993
Ion Ratio Lower Upper
91 100
126 37.6 15.7 47.1

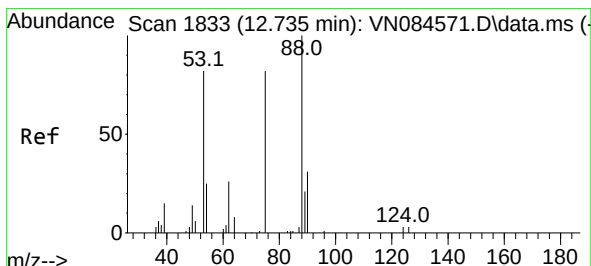
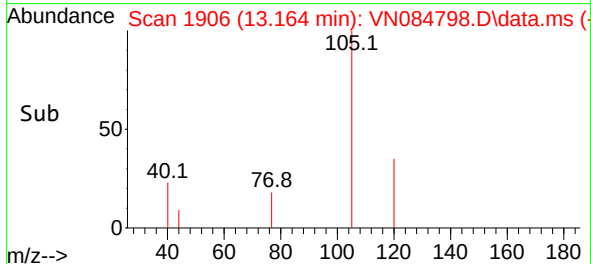
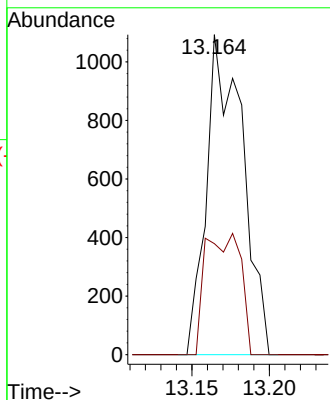
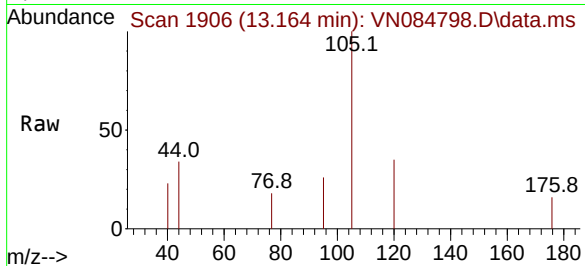




#80
 1,3,5-Trimethylbenzene
 Concen: 0.291 ug/l
 RT: 13.164 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VN084798.D
 Acq: 12 Nov 2024 16:01

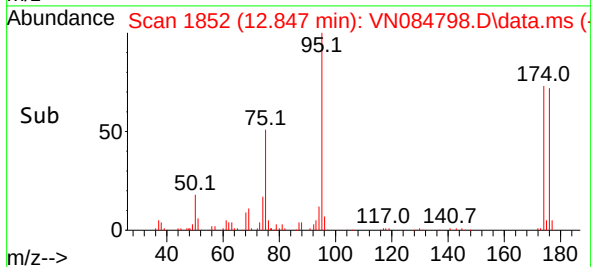
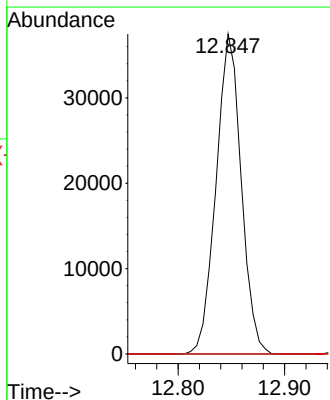
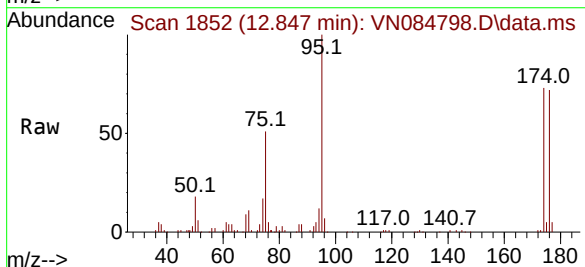
Instrument :
 MSVOA_N
 ClientSampleId :

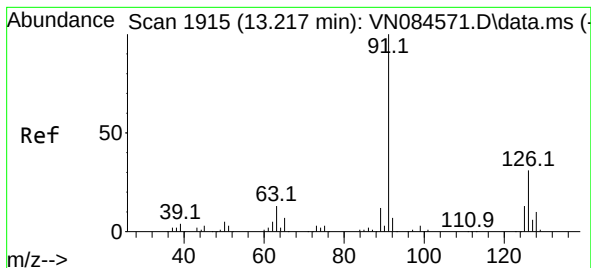
Tgt Ion:105 Resp: 1765
 Ion Ratio Lower Upper
 105 100
 120 37.3 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.647 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084798.D
 Acq: 12 Nov 2024 16:01

Tgt Ion: 75 Resp: 61276
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

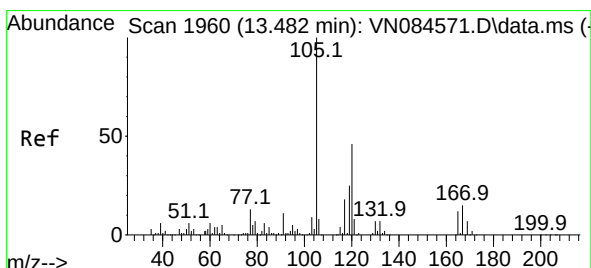
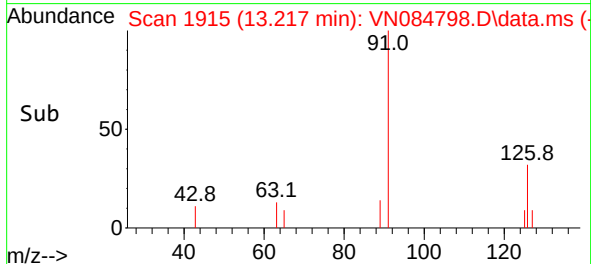
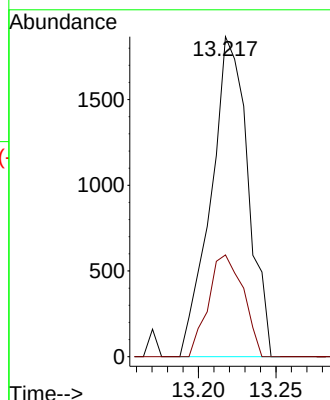
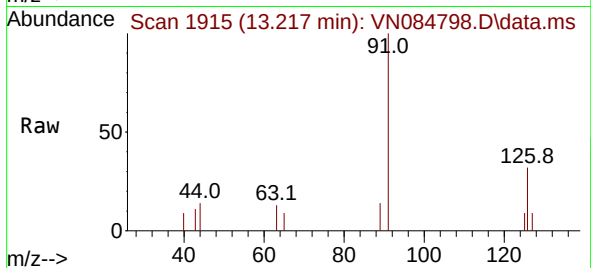




#82
4-Chlorotoluene
Concen: 0.527 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

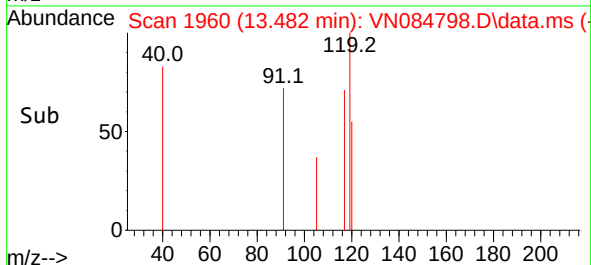
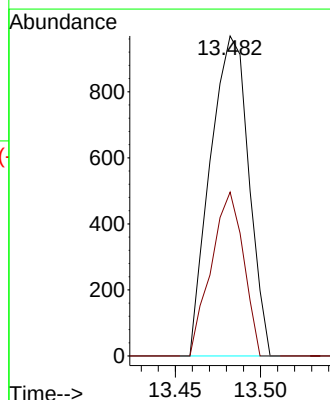
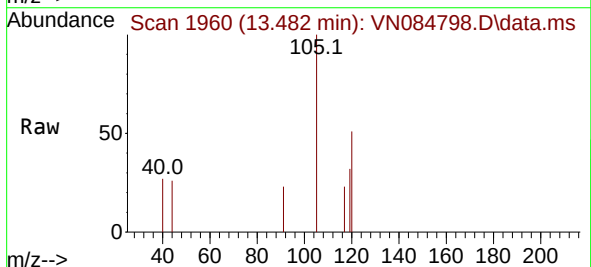
Instrument :
MSVOA_N
ClientSampleId :

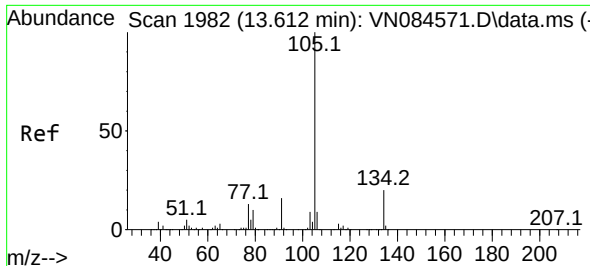
Tgt Ion: 91 Resp: 3109
Ion Ratio Lower Upper
91 100
126 29.9 15.7 47.1



#84
1,2,4-Trimethylbenzene
Concen: 0.242 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

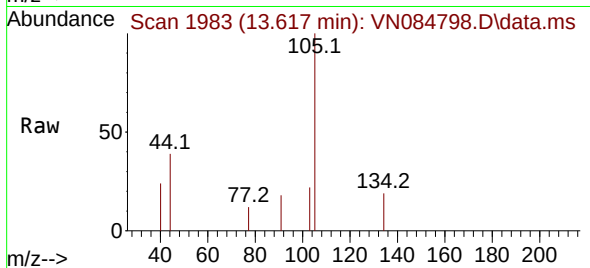
Tgt Ion: 105 Resp: 1517
Ion Ratio Lower Upper
105 100
120 43.0 22.3 66.8



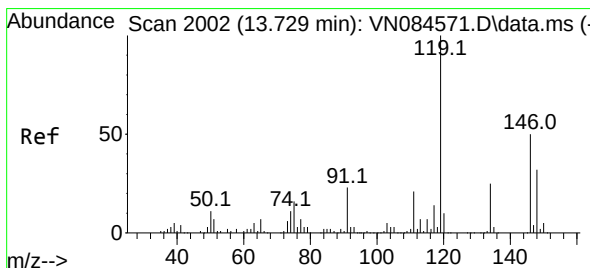
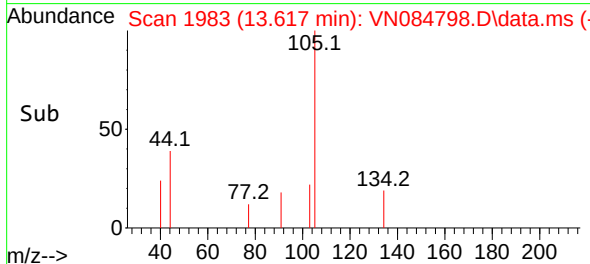
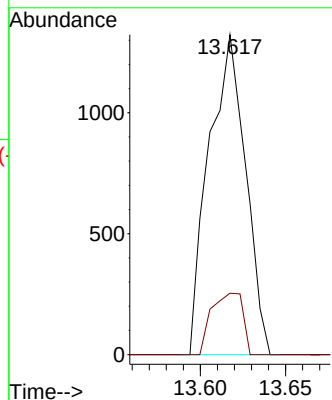


#85
sec-Butylbenzene
Concen: 0.279 ug/l
RT: 13.617 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Instrument :
MSVOA_N
ClientSampleId :

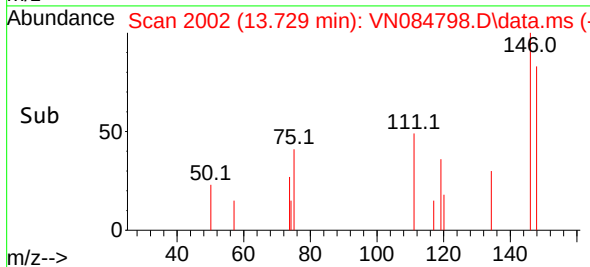
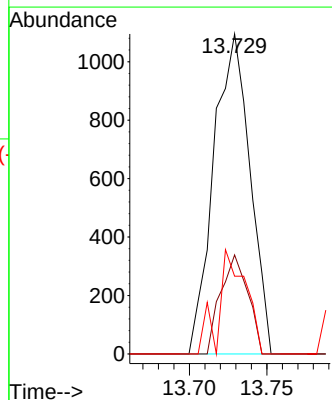
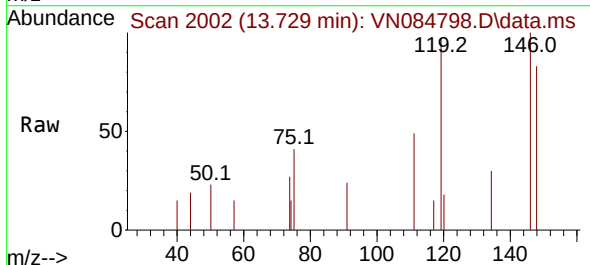


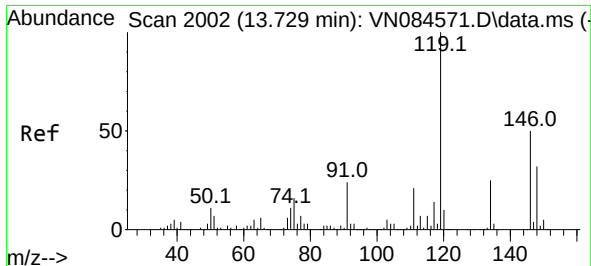
Tgt Ion:105 Resp: 1978
Ion Ratio Lower Upper
105 100
134 16.3 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.306 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

Tgt Ion:119 Resp: 1781
Ion Ratio Lower Upper
119 100
134 23.3 12.6 37.8
91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.623 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

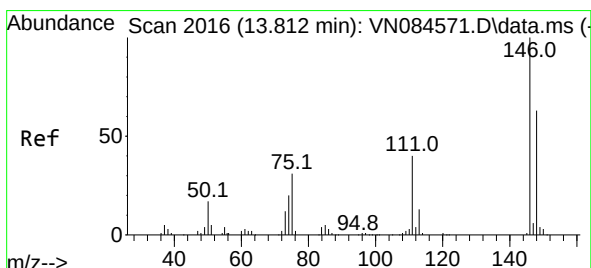
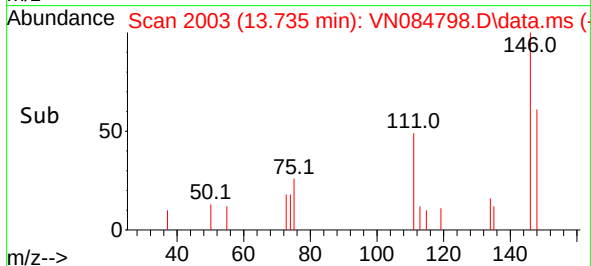
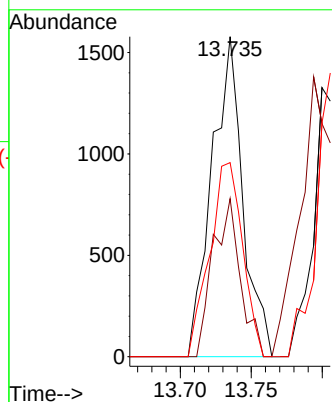
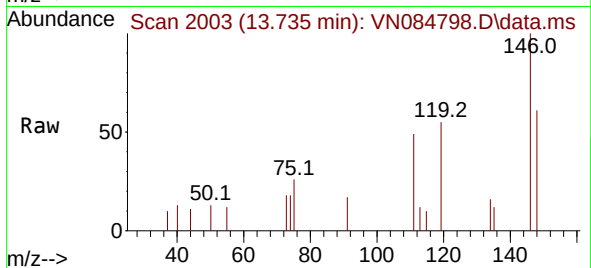
Tgt Ion:146 Resp: 2390

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.3

148 64.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.735 min Scan# 2003

Delta R.T. -0.077 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

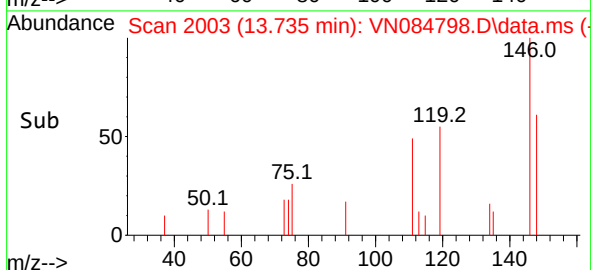
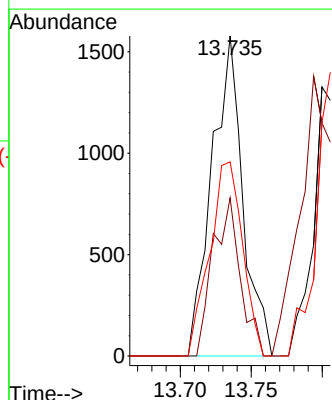
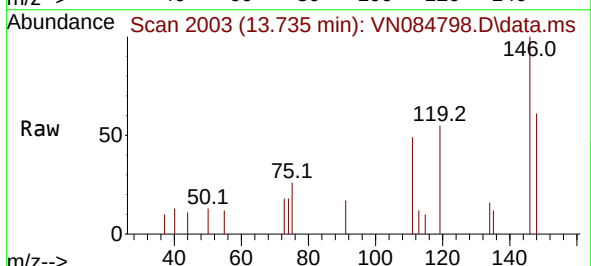
Tgt Ion:146 Resp: 2390

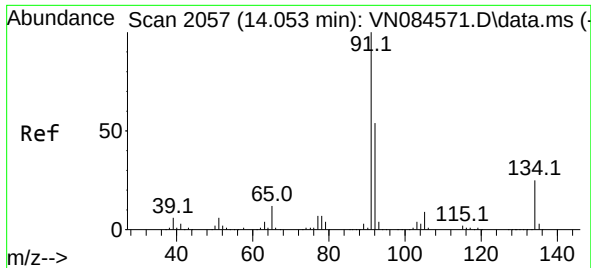
Ion Ratio Lower Upper

146 100

111 43.9 21.2 63.6

148 64.6 31.9 95.9

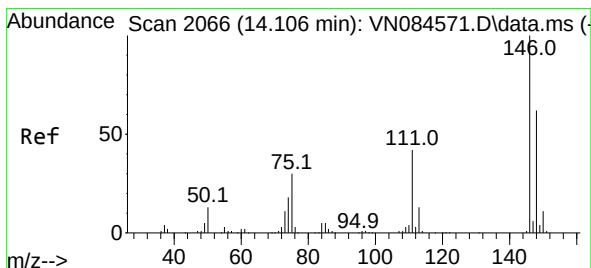
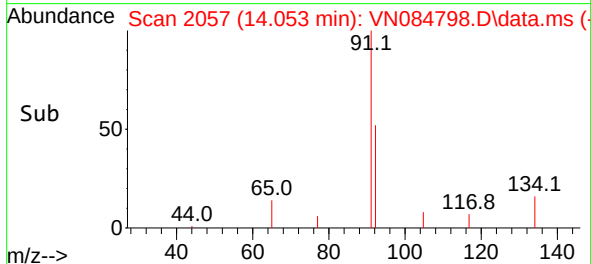
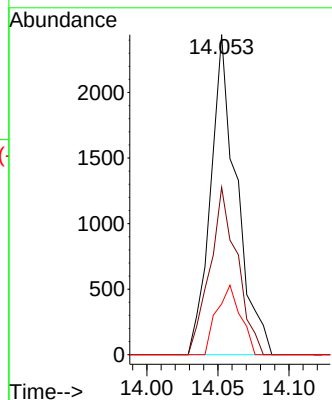
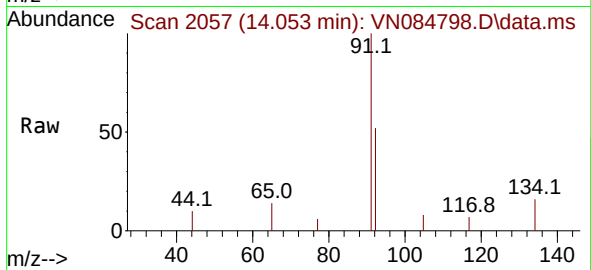




#89
n-Butylbenzene
Concen: 0.571 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

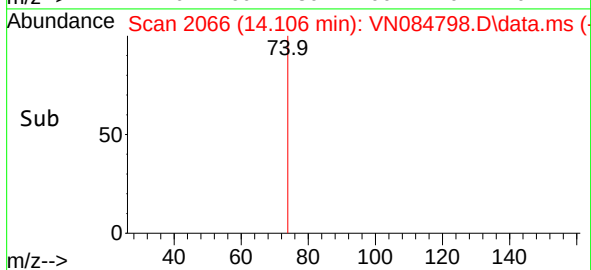
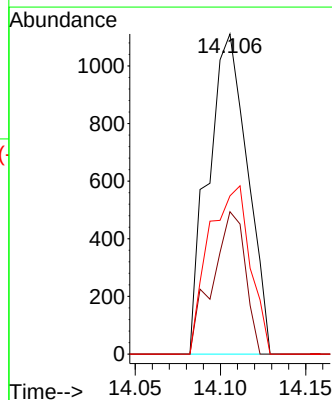
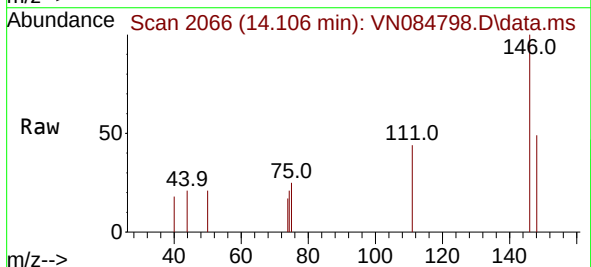
Instrument :
MSVOA_N
ClientSampleId :

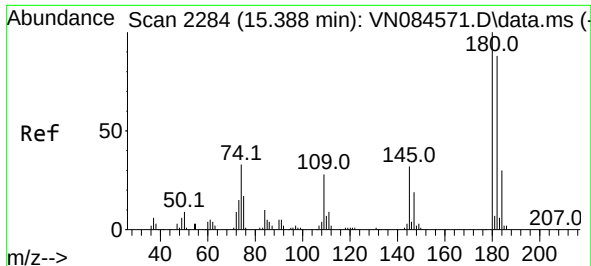
Tgt Ion:	91	Resp:	3106
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.6	79.7
134	19.9	12.3	36.9



#91
1,2-Dichlorobenzene
Concen: 0.483 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084798.D
Acq: 12 Nov 2024 16:01

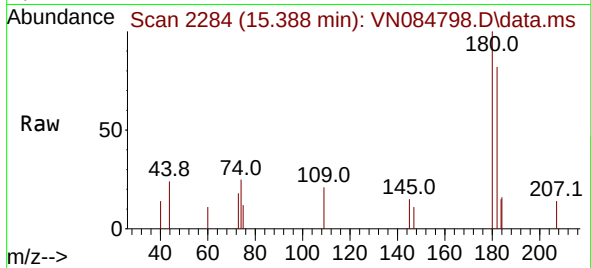
Tgt Ion:	146	Resp:	1782
Ion	Ratio	Lower	Upper
146	100		
111	37.3	22.0	66.0
148	55.3	32.1	96.3



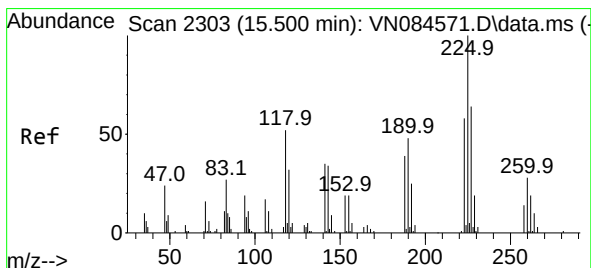
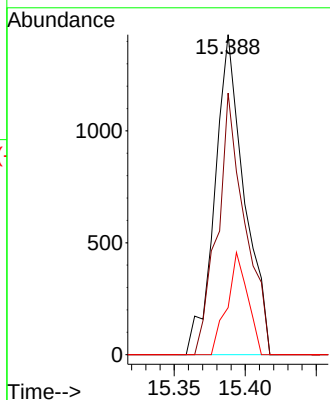
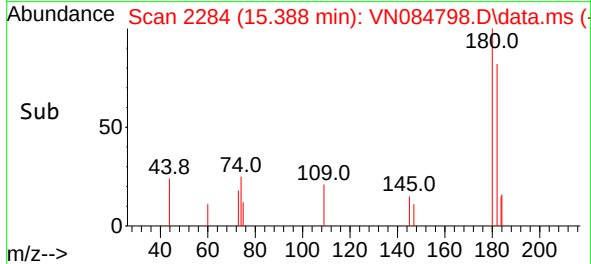


#93
 1,2,4-Trichlorobenzene
 Concen: 1.024 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN084798.D
 Acq: 12 Nov 2024 16:01

Instrument :
 MSVOA_N
 ClientSampleId :

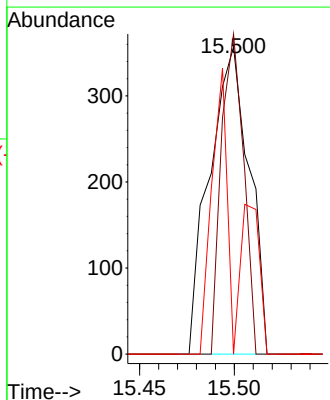
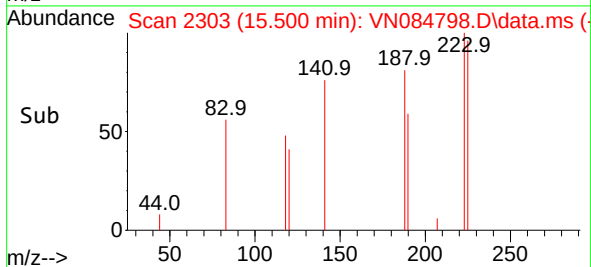
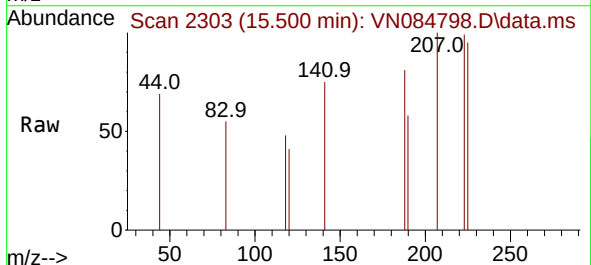


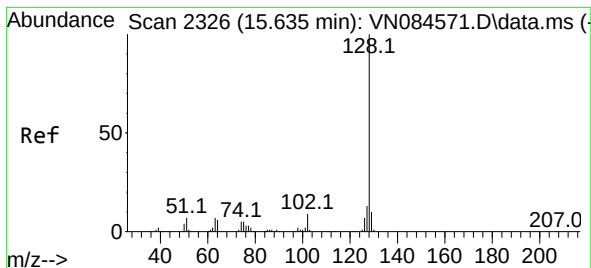
Tgt Ion:180 Resp: 2067
 Ion Ratio Lower Upper
 180 100
 182 76.2 47.0 141.0
 145 22.2 16.4 49.4



#94
 Hexachlorobutadiene
 Concen: 0.588 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN084798.D
 Acq: 12 Nov 2024 16:01

Tgt Ion:225 Resp: 521
 Ion Ratio Lower Upper
 225 100
 223 58.3 32.4 97.2
 227 58.7 32.4 97.0





#95

Naphthalene

Concen: 0.829 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.012 min

Lab File: VN084798.D

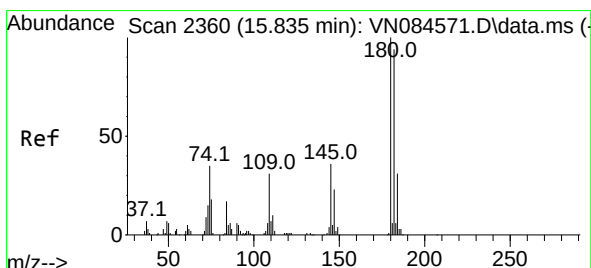
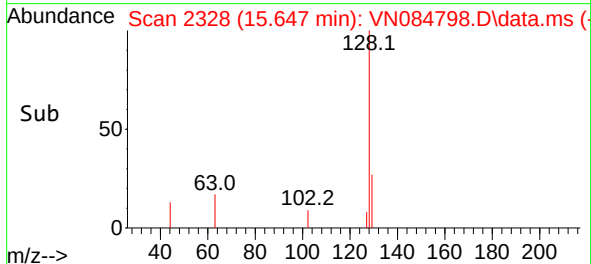
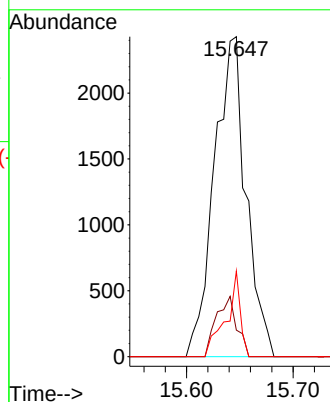
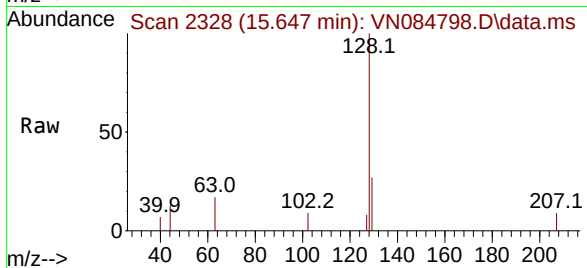
Acq: 12 Nov 2024 16:01

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	5013
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.5 15.7
129	12.0	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.914 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084798.D

Acq: 12 Nov 2024 16:01

Tgt Ion:180	Resp:	1792
Ion Ratio	Lower	Upper
180	100	
182	95.2	48.2 144.6
145	29.8	17.3 51.9

