

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084369.D
 Acq On : 09 Oct 2024 15:56
 Operator : JC\MD
 Sample : P4358-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 10 01:22:38 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	199702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135132	45.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.280%		
35) Dibromofluoromethane	8.165	113	109506	47.082	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.160%		
50) Toluene-d8	10.565	98	425885	49.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.540%		
62) 4-Bromofluorobenzene	12.847	95	158330	50.788	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	422	0.245	ug/l #	69
6) Chloroethane	3.136	64	497	0.266	ug/l #	45
11) Tert butyl alcohol	5.530	59	3767	7.716	ug/l #	77
13) Acrolein	4.195	56	361	0.644	ug/l #	14
16) Acetone	4.430	43	32238	25.345	ug/l #	87
17) Carbon Disulfide	4.712	76	2318	0.326	ug/l #	75
18) Methyl Acetate	5.018	43	1018	0.367	ug/l #	64
20) Methylene Chloride	5.265	84	6351	2.456	ug/l #	82
25) 2-Butanone	7.483	43	10397	6.001	ug/l	95
29) Tetrahydrofuran	7.853	42	730	0.683	ug/l #	40
31) Cyclohexane	8.224	56	7217	1.646	ug/l #	17
36) 1,1-Dichloropropene	8.224	75	17417	5.155	ug/l #	50
37) Ethyl Acetate	7.565	43	3866	1.115	ug/l #	78
38) Carbon Tetrachloride	8.224	117	22690	6.123	ug/l #	14
39) Methylcyclohexane	9.600	83	1120	0.298	ug/l	88
40) Benzene	8.606	78	386231	36.693	ug/l	100
42) 1,2-Dichloroethane	8.682	62	1171	0.328	ug/l #	75
43) Isopropyl Acetate	8.688	43	314271	46.293	ug/l #	72
45) 1,2-Dichloropropane	9.741	63	1632	0.655	ug/l #	44
48) Methyl methacrylate	9.659	41	4173	1.544	ug/l #	39
51) 4-Methyl-2-Pentanone	10.447	43	15279	4.631	ug/l #	82
52) Toluene	10.629	92	257851	40.171	ug/l	100
53) t-1,3-Dichloropropene	10.729	75	862	0.227	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	44032	10.757	ug/l #	59
55) 1,1,2-Trichloroethane	10.888	97	651	0.283	ug/l #	15
56) Ethyl methacrylate	10.982	69	1074	0.284	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5541	1.348	ug/l #	42
59) 2-Hexanone	11.200	43	68952	27.960	ug/l #	58
67) Ethyl Benzene	11.965	91	52222	4.341	ug/l	98
68) m/p-Xylenes	12.065	106	167198	37.574	ug/l	99
69) o-Xylene	12.394	106	188183	44.698	ug/l	99
70) Styrene	12.406	104	57951	8.127	ug/l #	56
73) Isopropylbenzene	12.688	105	4864	0.460	ug/l	92
74) N-amyl acetate	12.453	43	4675	0.976	ug/l #	43
76) 1,2,3-Trichloropropane	12.847	75	83775	29.606	ug/l #	1
78) n-propylbenzene	13.035	91	6200	0.506	ug/l	98

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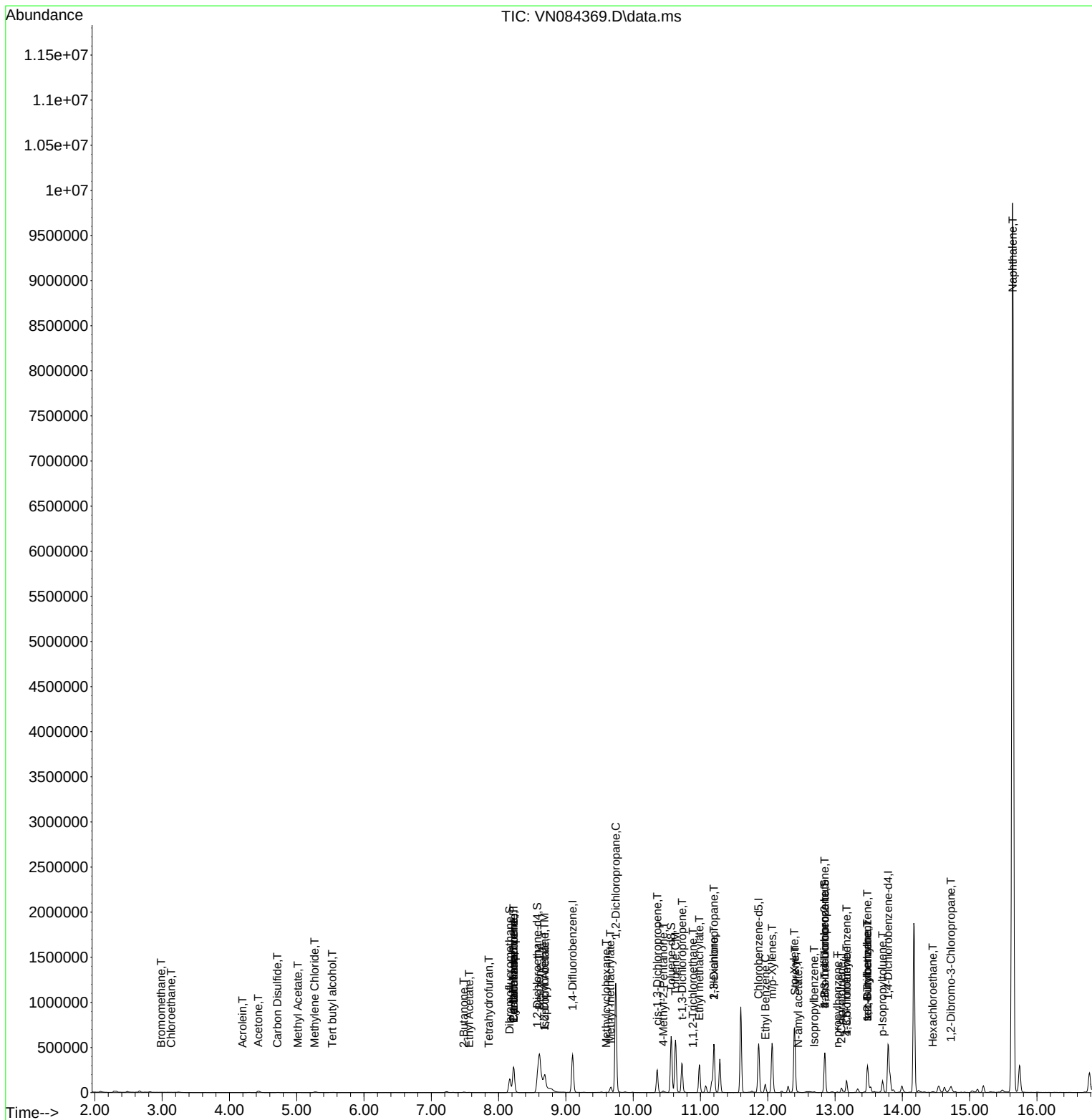
Quant Time: Oct 10 01:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
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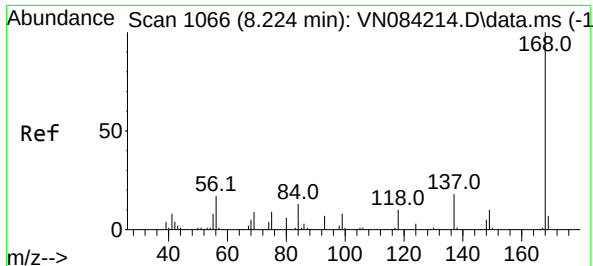
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	13.094	91	5926	0.758	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	72693	8.426	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	83775	70.980	ug/l #	11
82) 4-Chlorotoluene	13.170	91	8293	1.054	ug/l #	43
83) tert-Butylbenzene	13.482	119	19354	2.524	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	178278	20.512	ug/l	91
85) sec-Butylbenzene	13.482	105	178278	17.423	ug/l #	57
86) p-Isopropyltoluene	13.706	119	6922	0.818	ug/l #	51
90) Hexachloroethane	14.453	117	3602	2.097	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1722	2.624	ug/l #	5
95) Naphthalene	15.641	128	9274166	1210.229	ug/l	100

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

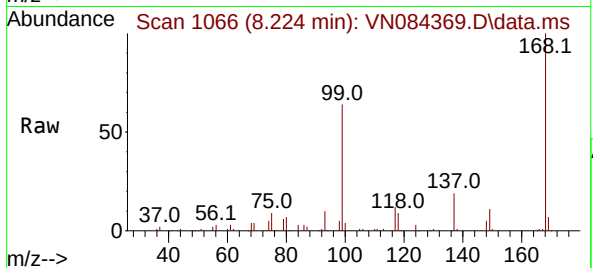
Quant Time: Oct 10 01:22:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



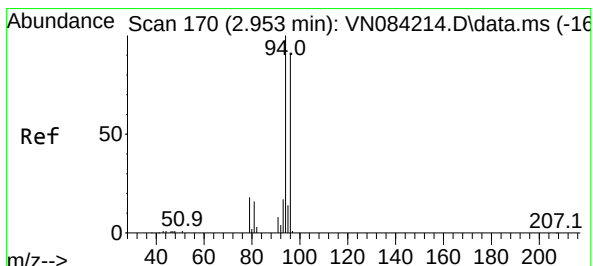
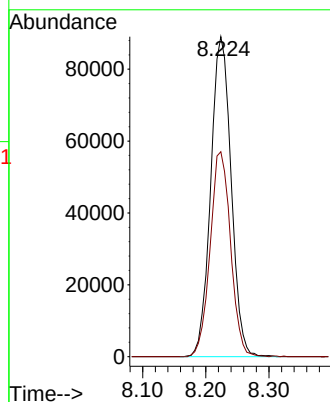
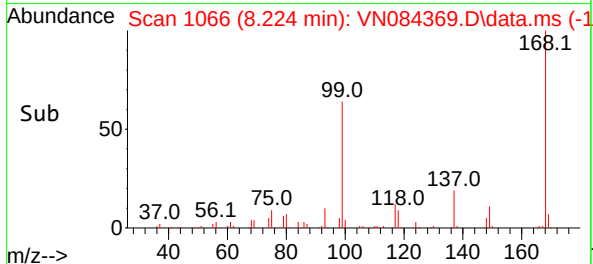


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :

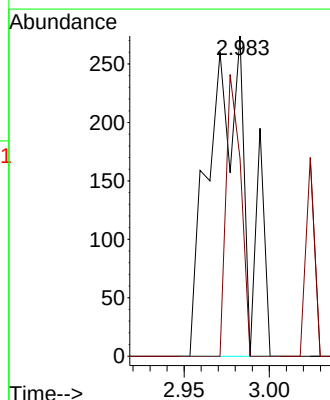
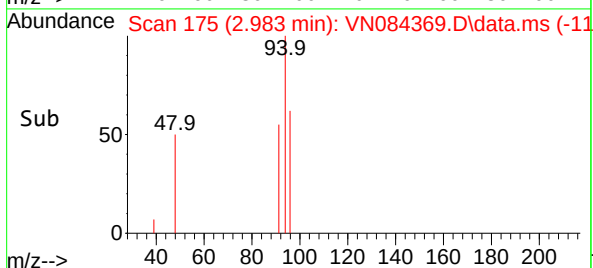
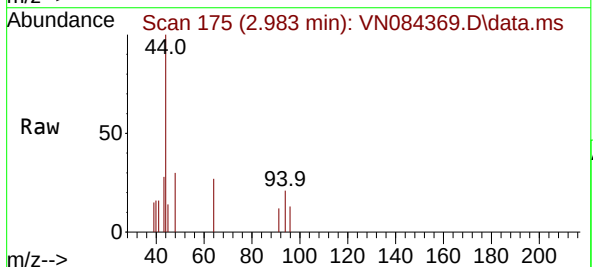


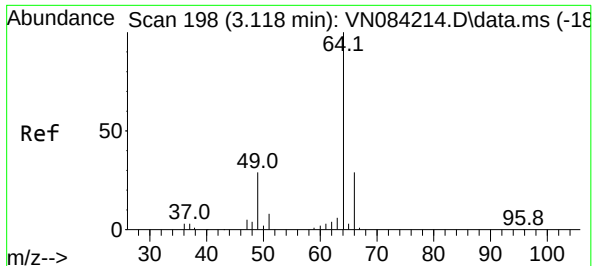
Tgt Ion:168 Resp: 199702
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2



#5
Bromomethane
Concen: 0.245 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.029 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 61.7 72.9 109.3#

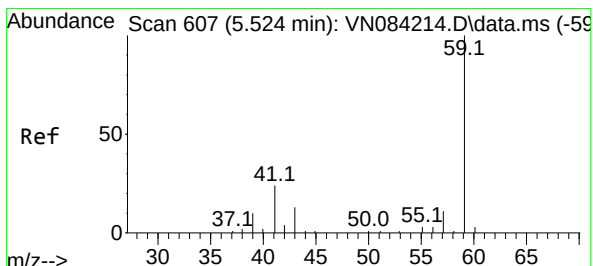
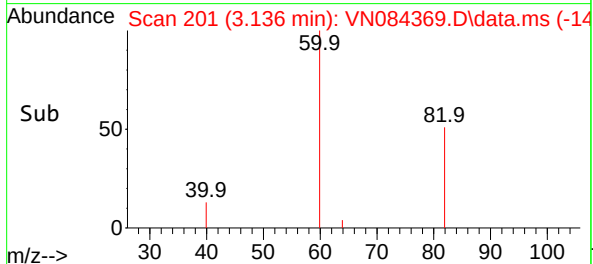
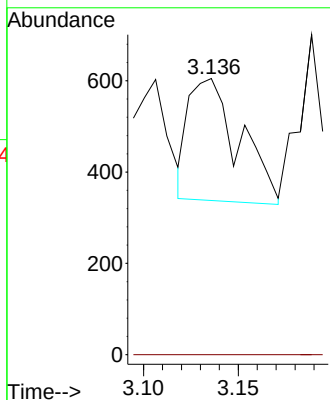
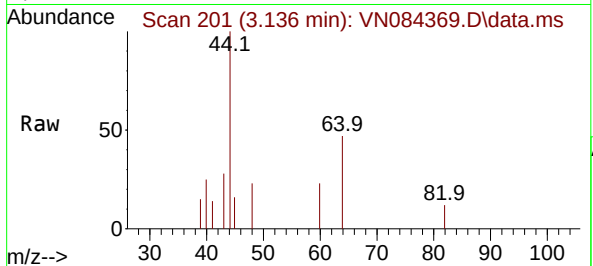




#6
Chloroethane
Concen: 0.266 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

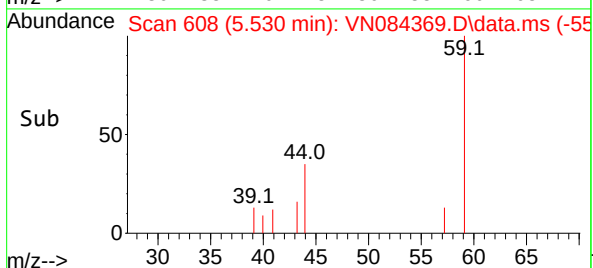
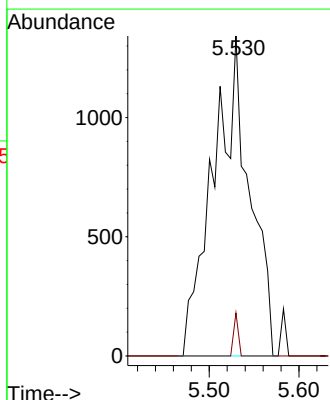
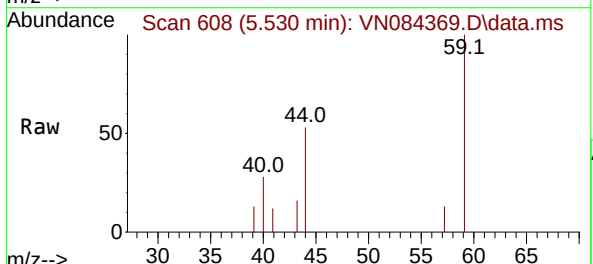
Instrument :
MSVOA_N
ClientSampleId :

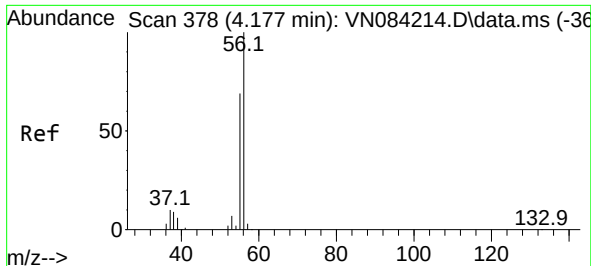
Tgt Ion: 64 Resp: 497
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 7.716 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

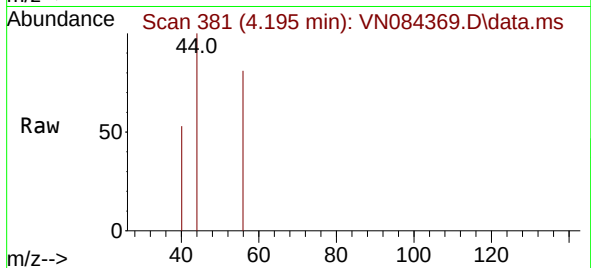
Tgt Ion: 59 Resp: 3767
Ion Ratio Lower Upper
59 100
57 1.7 8.2 12.2#



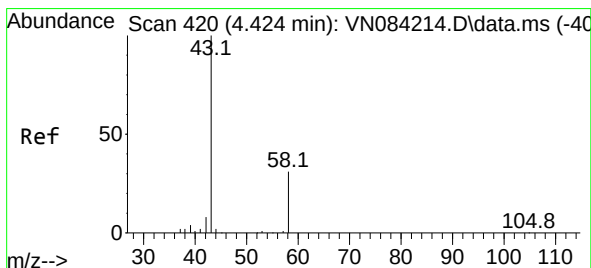
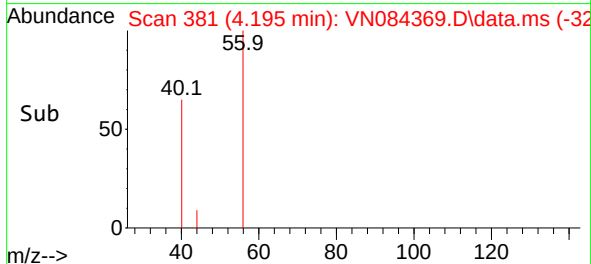
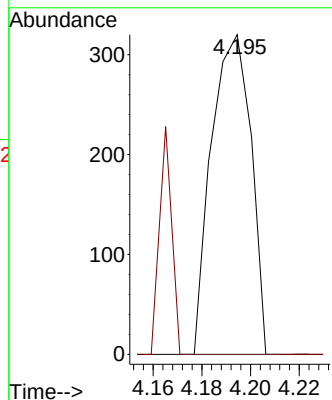


#13
Acrolein
Concen: 0.644 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :

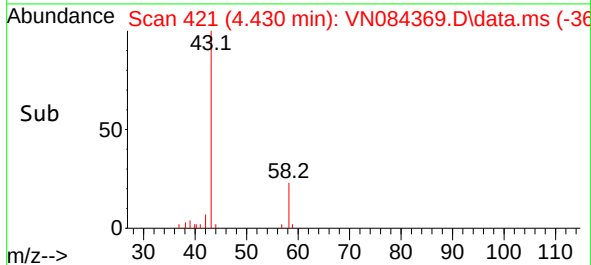
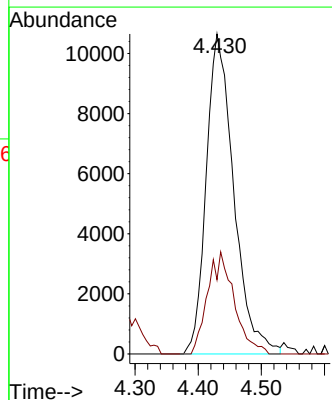
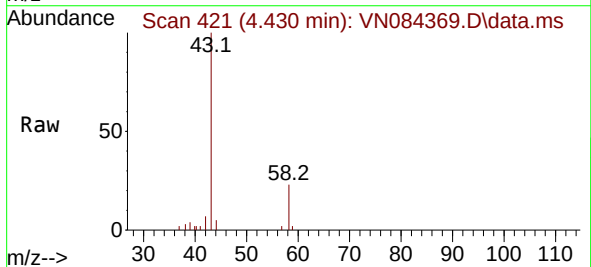


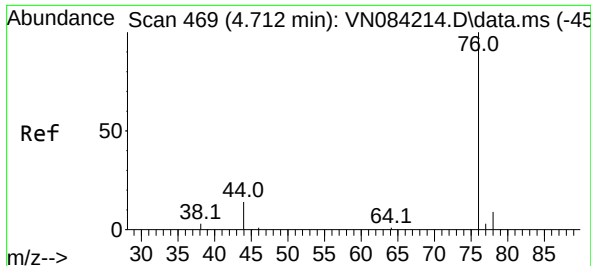
Tgt Ion: 56 Resp: 361
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#16
Acetone
Concen: 25.345 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

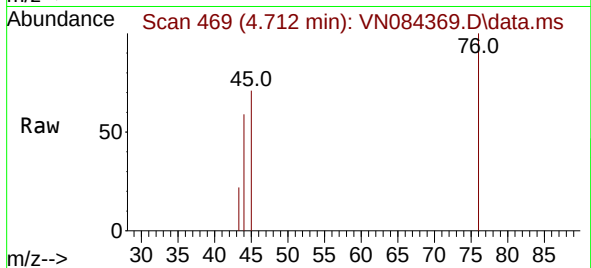
Tgt Ion: 43 Resp: 32238
Ion Ratio Lower Upper
43 100
58 23.2 24.4 36.6#



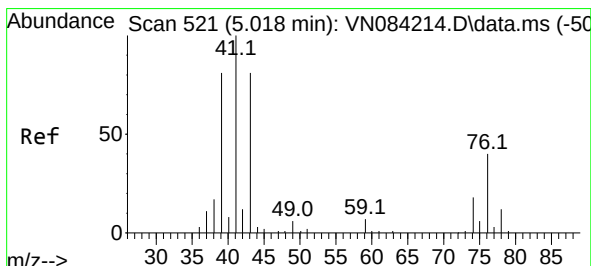
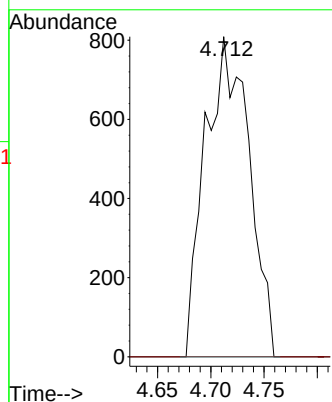
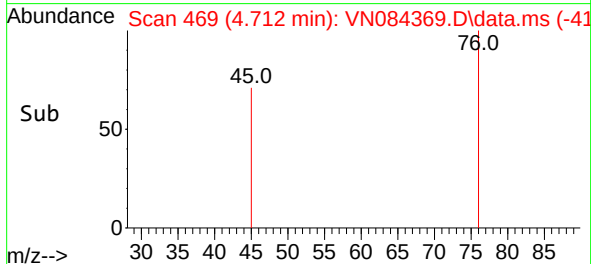


#17
Carbon Disulfide
Concen: 0.326 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :

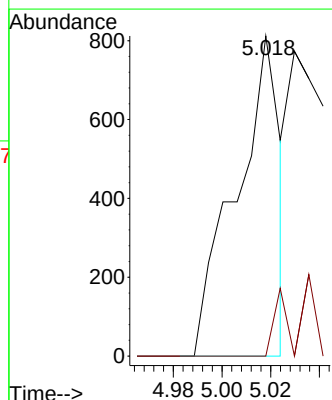
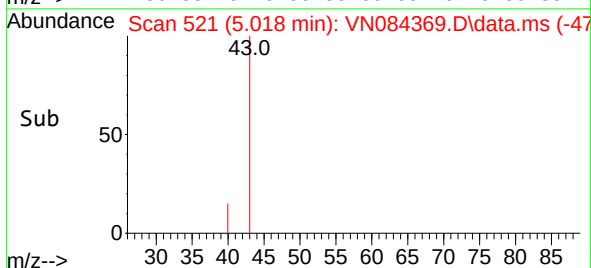
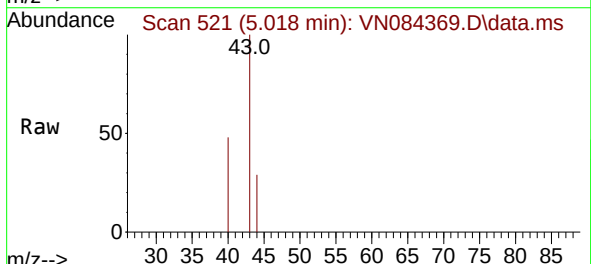


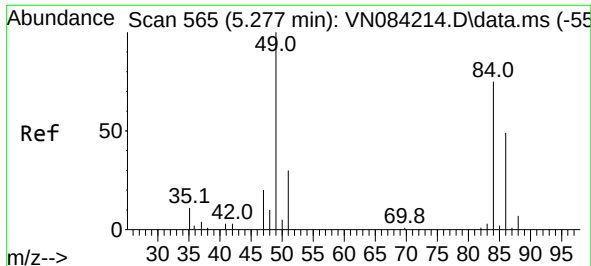
Tgt Ion: 76 Resp: 2318
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

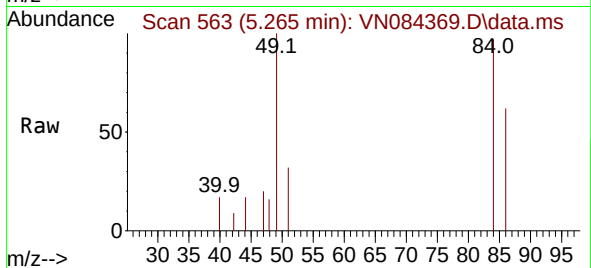
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
74 6.0 19.2 28.8#



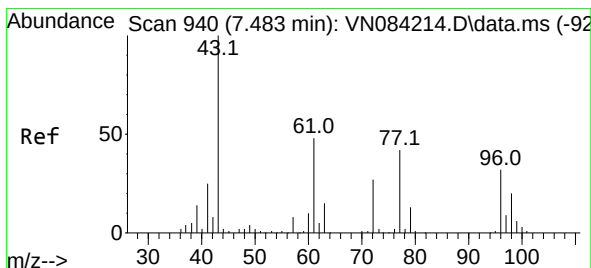
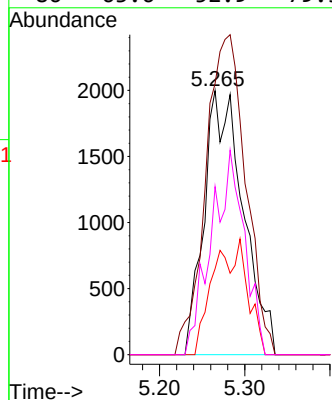


#20
Methylene Chloride
Concen: 2.456 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :

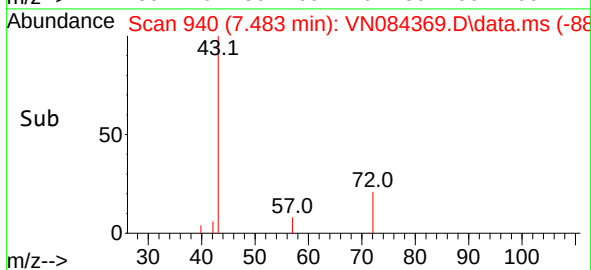
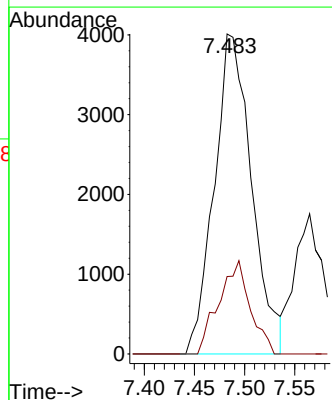
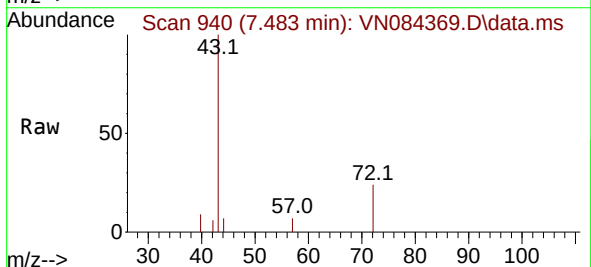


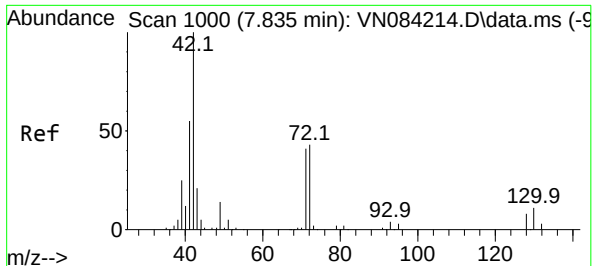
Tgt Ion: 84	Resp: 6351
Ion Ratio	Lower Upper
84 100	
49 102.7	107.2 160.8#
51 32.5	31.8 47.8
86 63.6	52.9 79.3



#25
2-Butanone
Concen: 6.001 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
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Tgt Ion: 43	Resp: 10397
Ion Ratio	Lower Upper
43 100	
72 24.2	21.4 32.2





#29

Tetrahydrofuran

Concen: 0.683 ug/l

RT: 7.853 min Scan# 1066

Delta R.T. 0.018 min

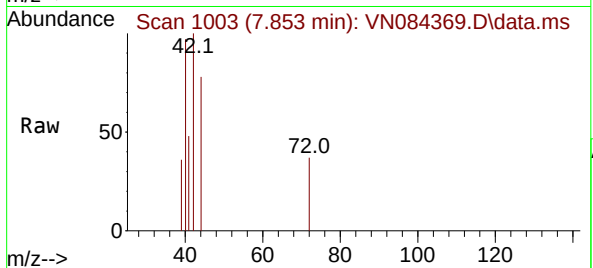
Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

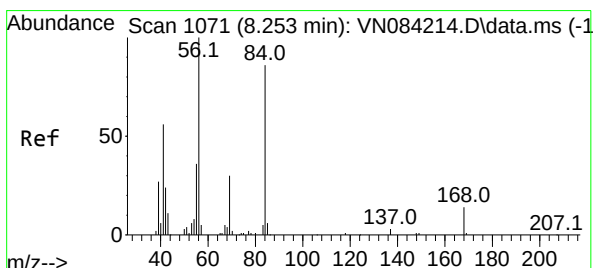
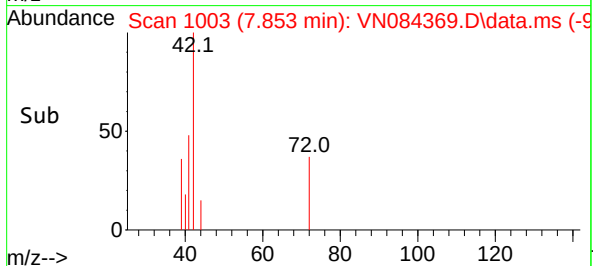
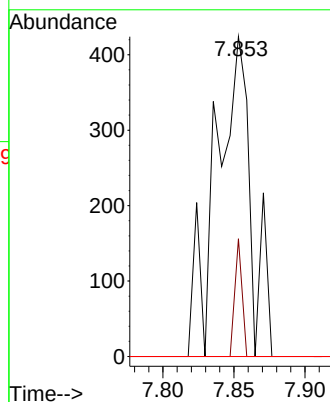
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	730
Ion	Ratio	Lower	Upper
42	100		
72	7.5	34.6	51.8#
71	0.0	32.2	48.4#



#31

Cyclohexane

Concen: 1.646 ug/l

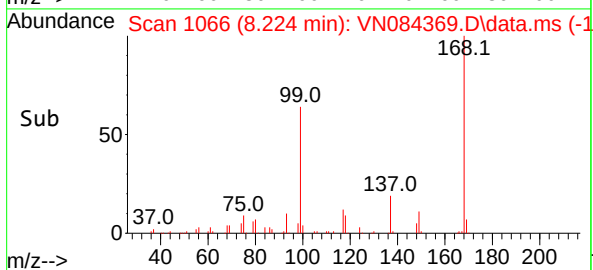
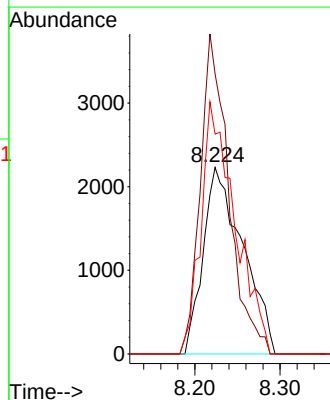
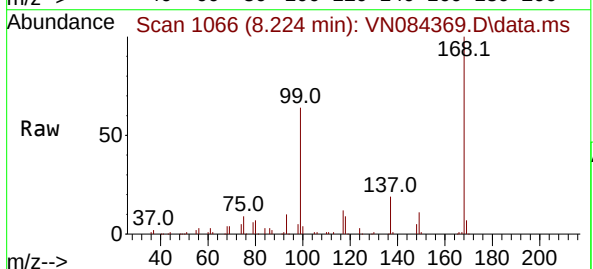
RT: 8.224 min Scan# 1066

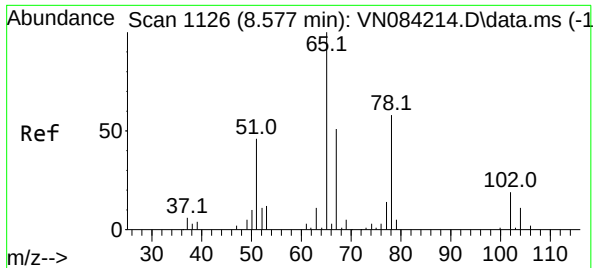
Delta R.T. -0.029 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Tgt Ion:	56	Resp:	7217
Ion	Ratio	Lower	Upper
56	100		
69	150.1	23.8	35.6#
84	117.8	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

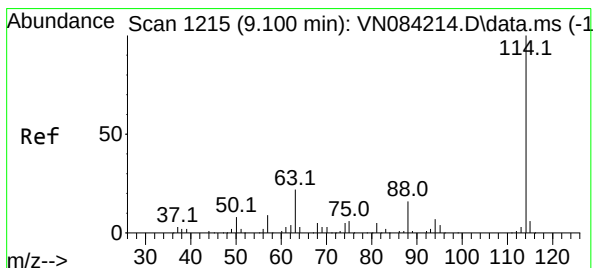
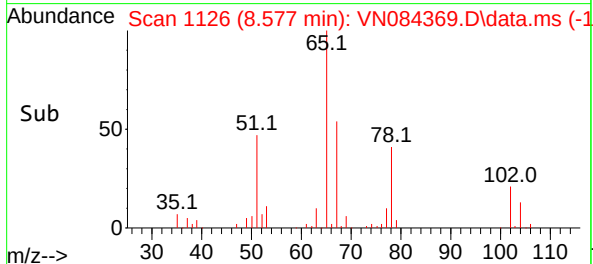
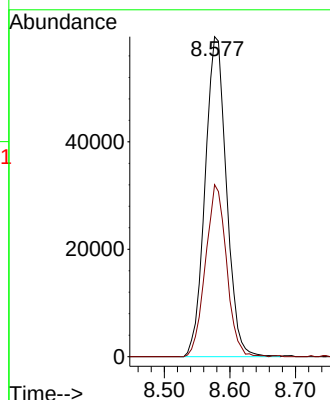
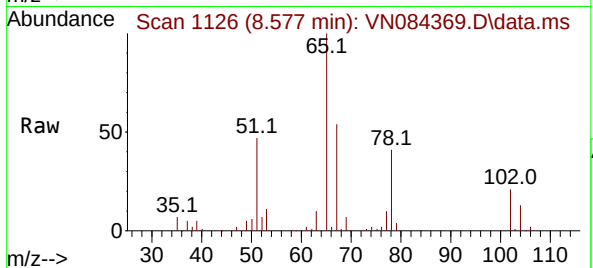
ClientSampleId :

Tgt Ion: 65 Resp: 135132

Ion Ratio Lower Upper

65 100

67 53.0 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: VN084369.D

Acq: 09 Oct 2024 15:56

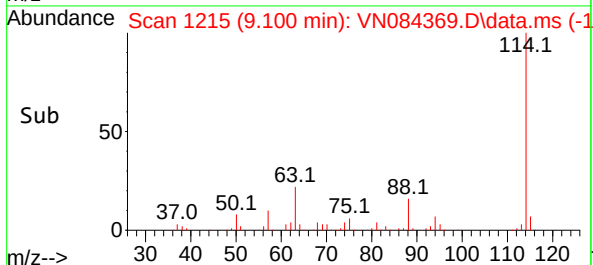
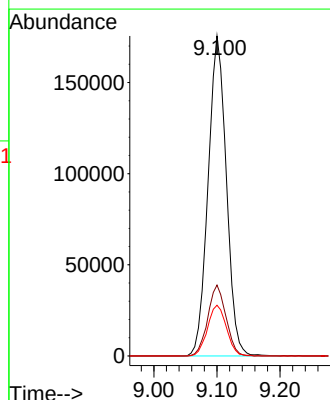
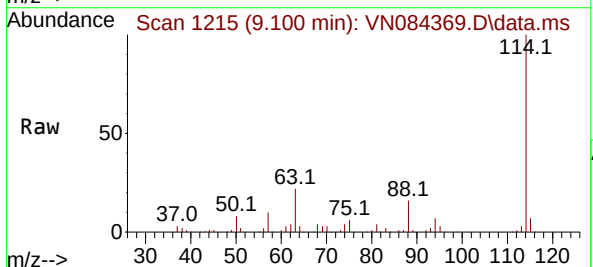
Tgt Ion: 114 Resp: 352800

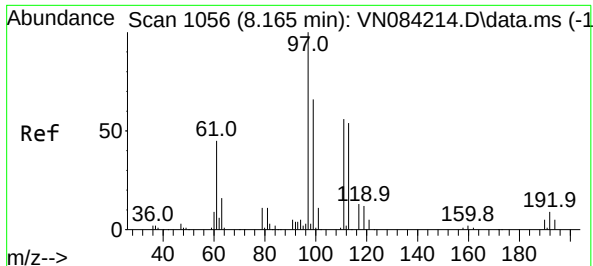
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.082 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

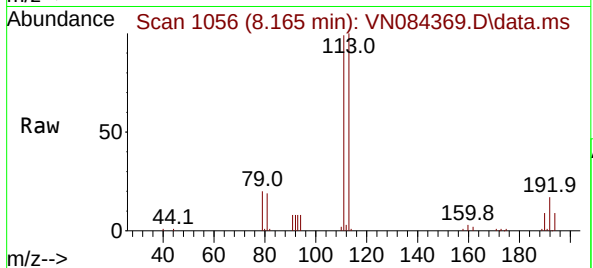
Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :



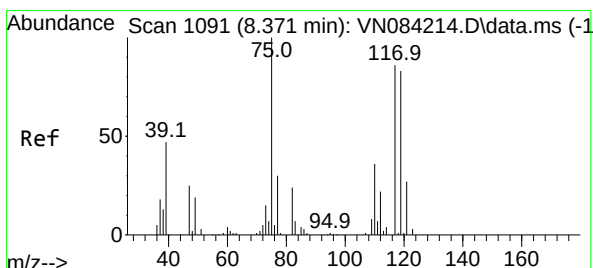
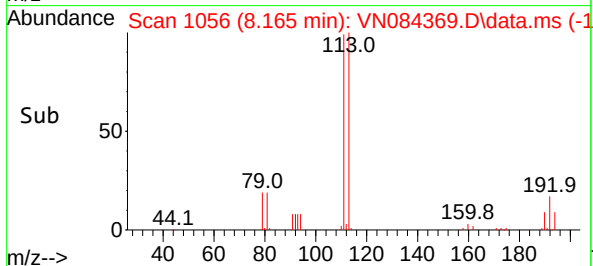
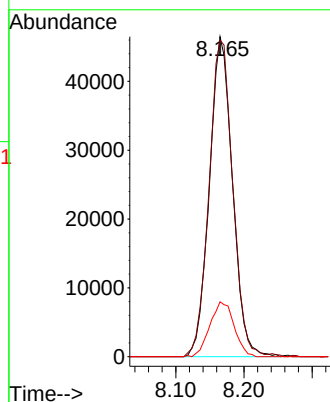
Tgt Ion:113 Resp: 109506

Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

192 18.0 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.155 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

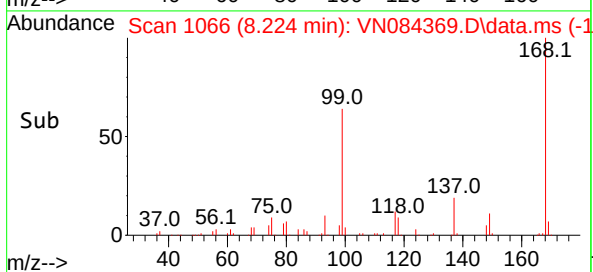
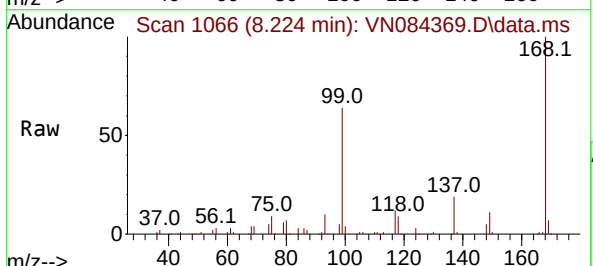
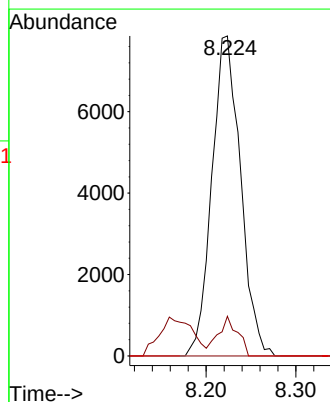
Tgt Ion: 75 Resp: 17417

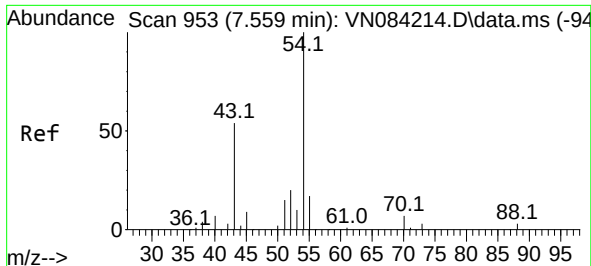
Ion Ratio Lower Upper

75 100

110 8.3 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.115 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

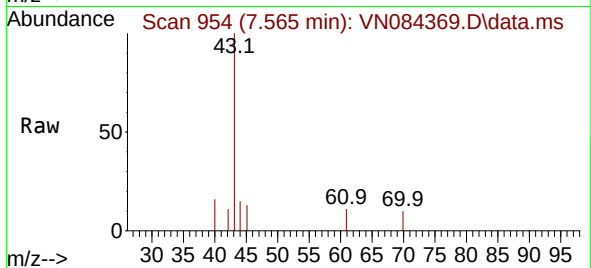
Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

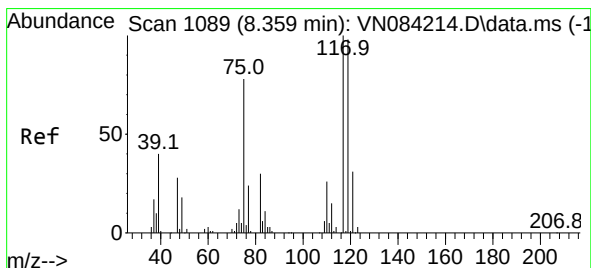
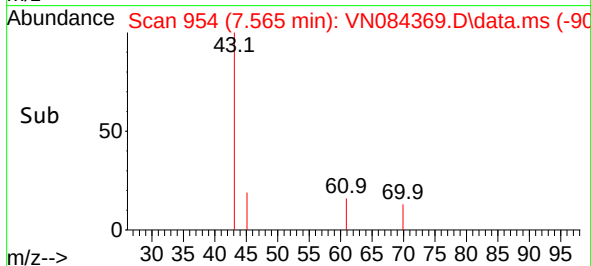
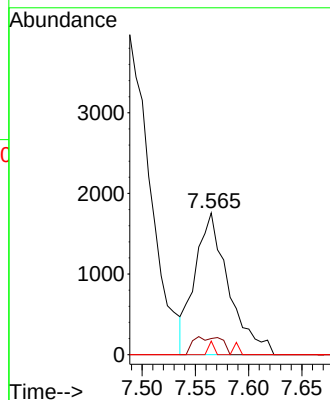
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	3866
Ion	Ratio	Lower	Upper
43	100		
61	5.3	10.7	16.1#
70	1.6	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 6.123 ug/l

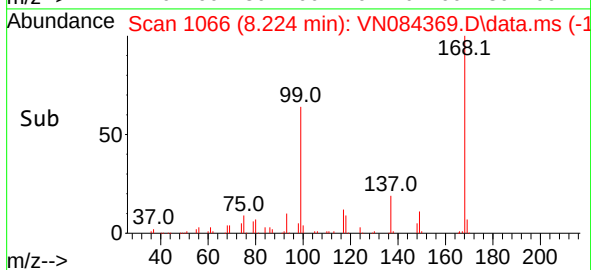
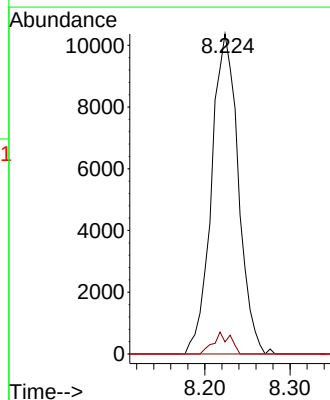
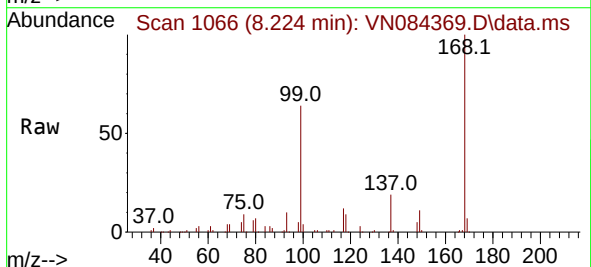
RT: 8.224 min Scan# 1066

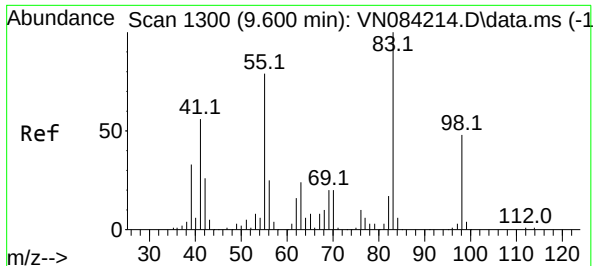
Delta R.T. -0.135 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Tgt Ion:	117	Resp:	22690
Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.7	118.1#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 0.298 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

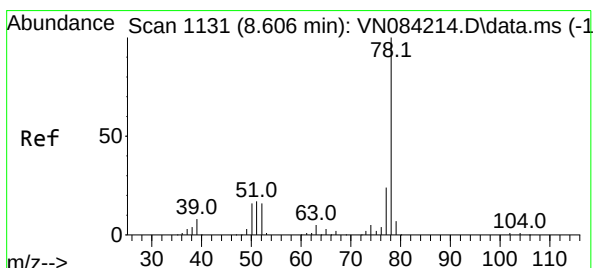
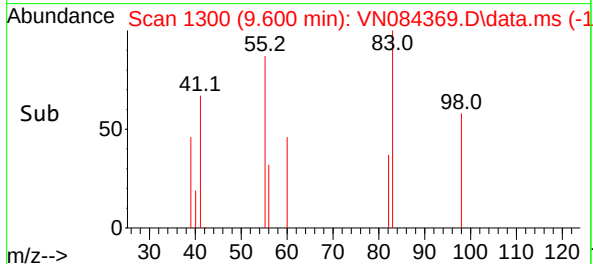
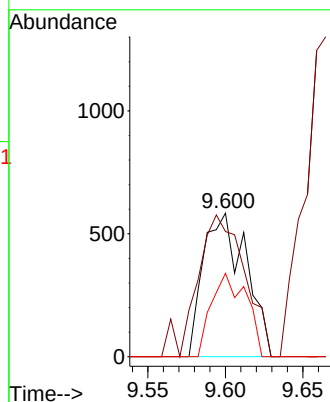
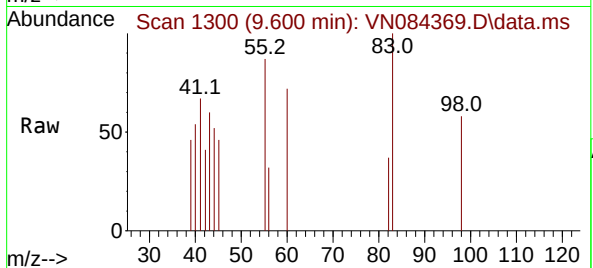
Tgt Ion: 83 Resp: 1120

Ion Ratio Lower Upper

83 100

55 87.2 62.8 94.2

98 58.0 38.8 58.2



#40

Benzene

Concen: 36.693 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN084369.D

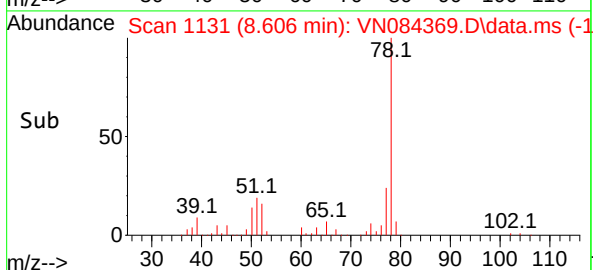
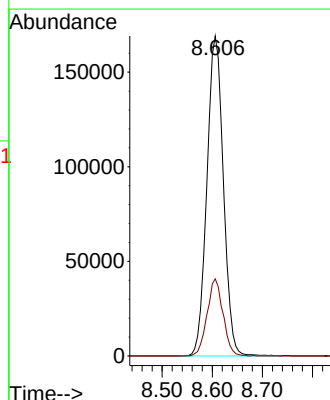
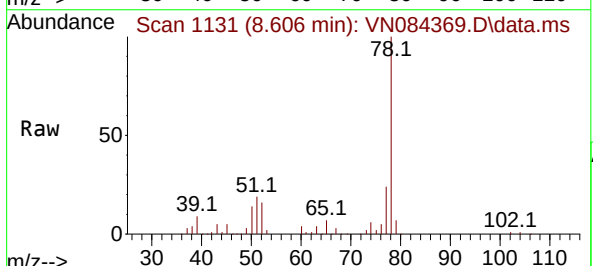
Acq: 09 Oct 2024 15:56

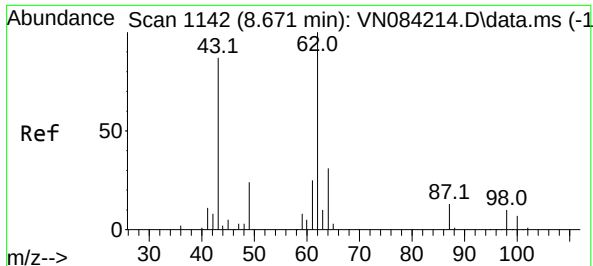
Tgt Ion: 78 Resp: 386231

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7





#42

1,2-Dichloroethane

Concen: 0.328 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

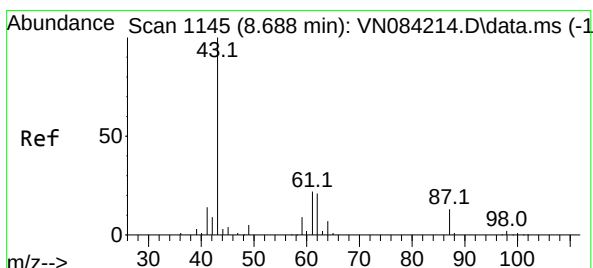
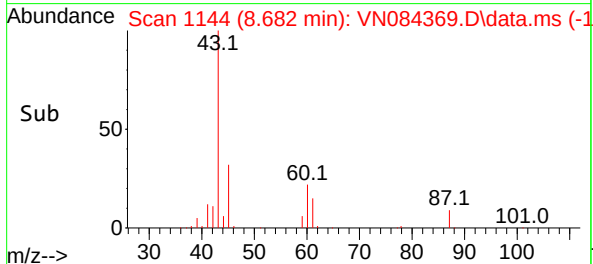
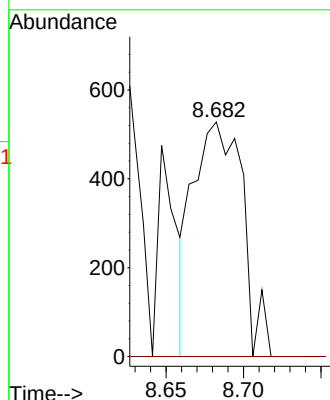
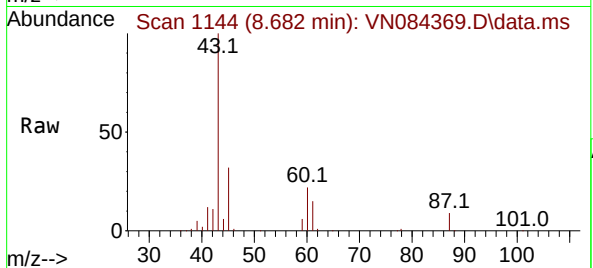
ClientSampleId :

Tgt Ion: 62 Resp: 1171

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 46.293 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

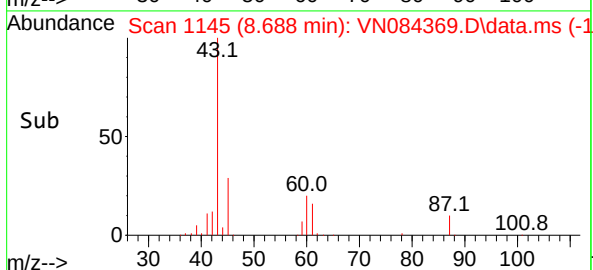
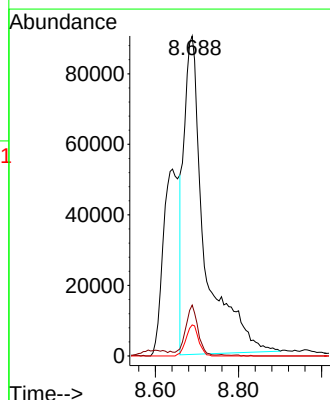
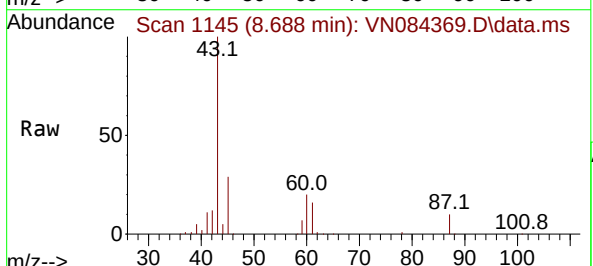
Tgt Ion: 43 Resp: 314271

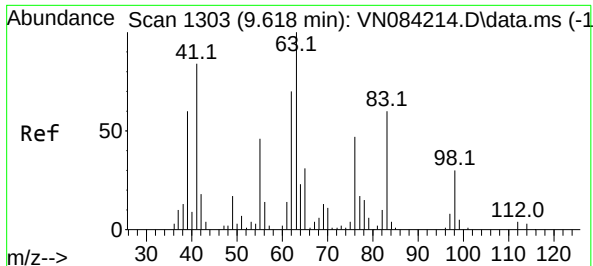
Ion Ratio Lower Upper

43 100

61 9.1 20.4 30.6#

87 5.8 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.655 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.123 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

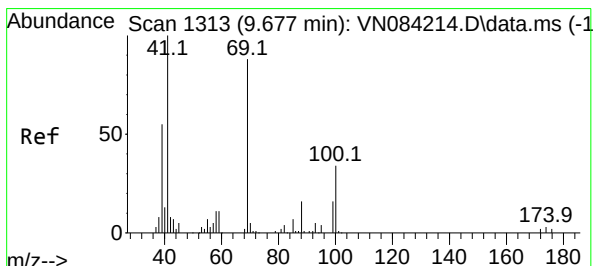
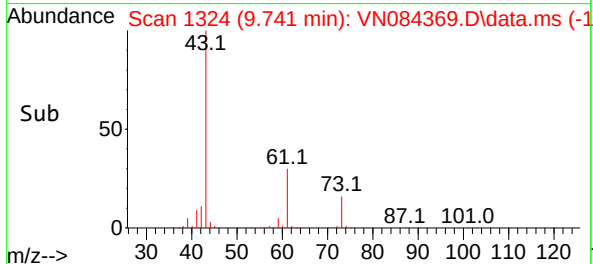
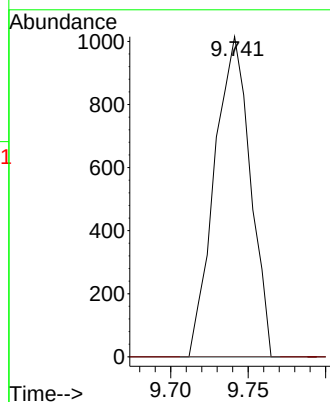
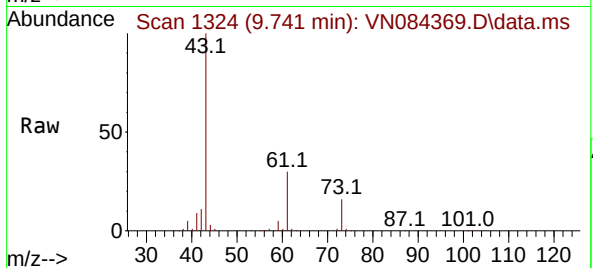
ClientSampleId :

Tgt Ion: 63 Resp: 1632

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.544 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.018 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

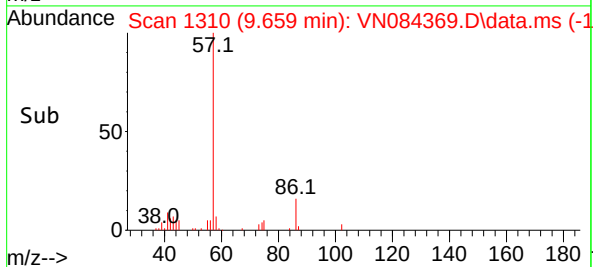
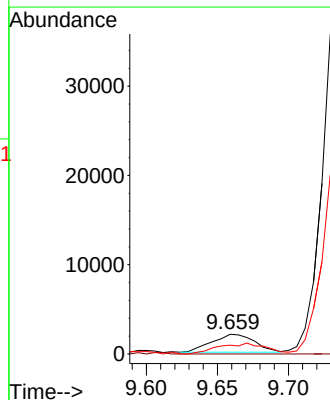
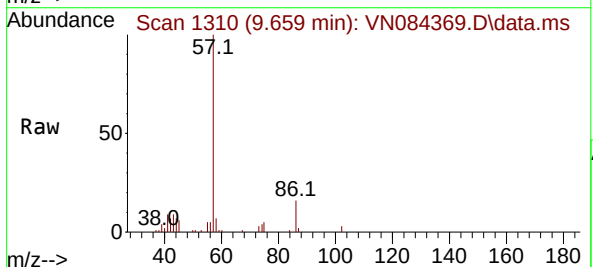
Tgt Ion: 41 Resp: 4173

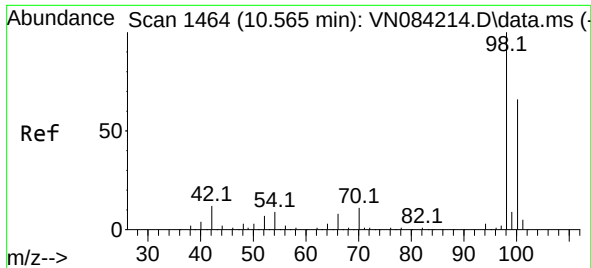
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 68.3 45.8 68.6

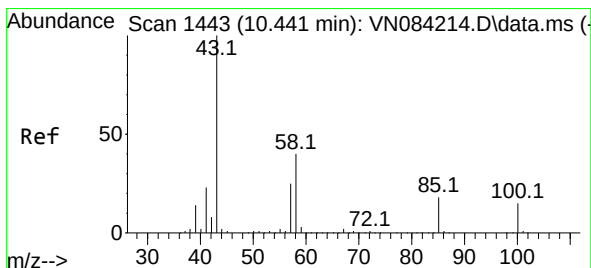
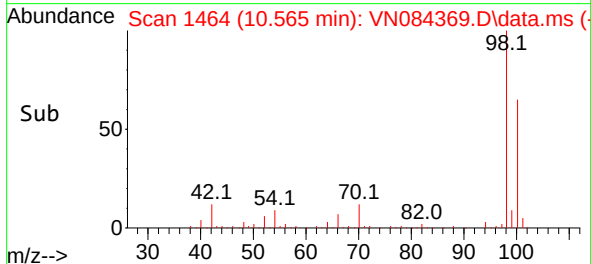
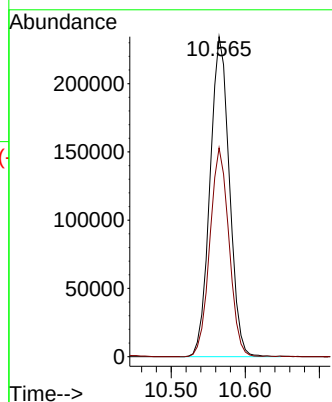
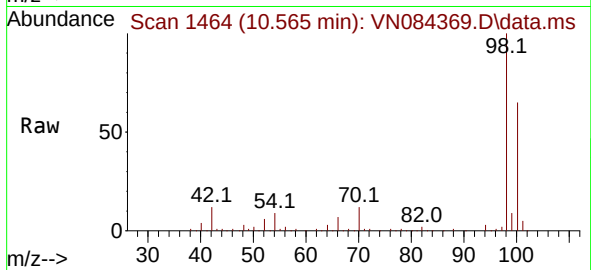




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

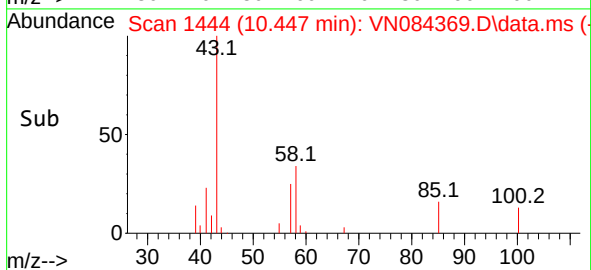
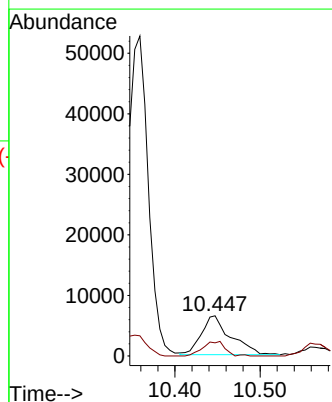
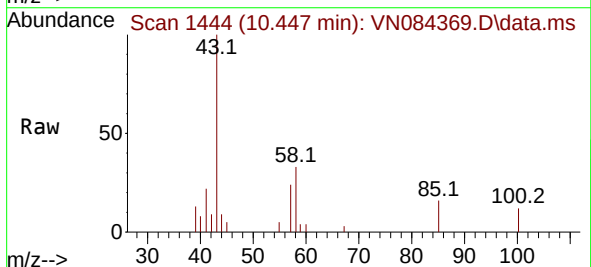
Instrument :
MSVOA_N
ClientSampleId :

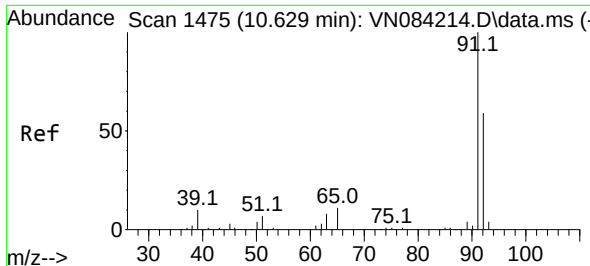
Tgt Ion: 98 Resp: 425885
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 4.631 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 43 Resp: 15279
Ion Ratio Lower Upper
43 100
58 28.4 31.6 47.4#

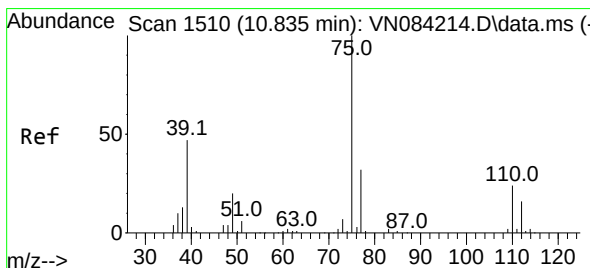
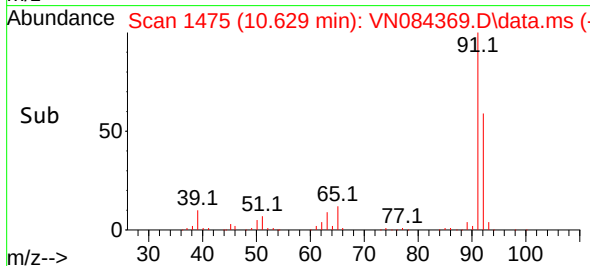
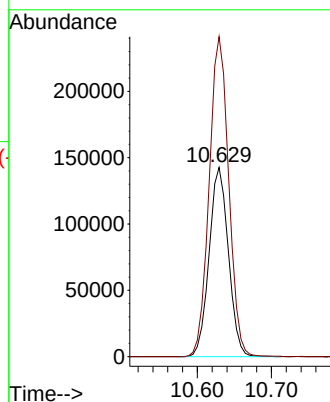
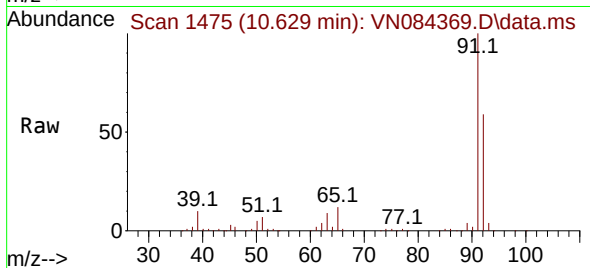




#52
Toluene
Concen: 40.171 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

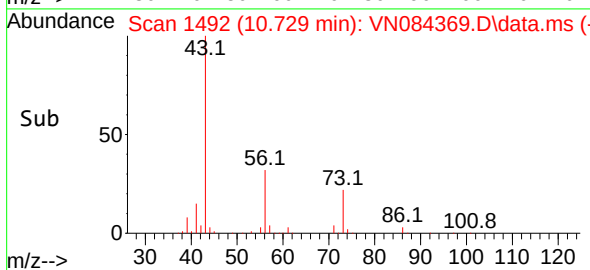
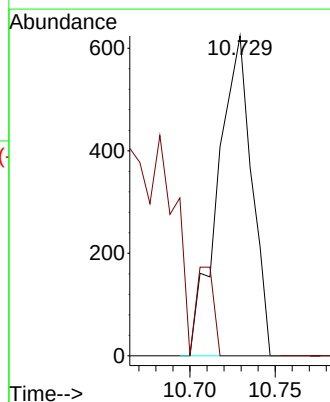
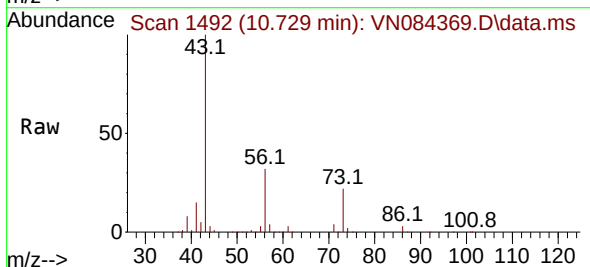
Instrument :
MSVOA_N
ClientSampleId :

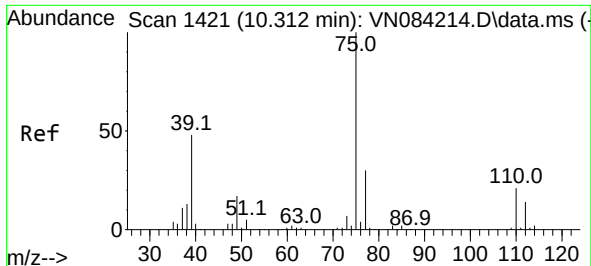
Tgt Ion: 92 Resp: 257851
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.227 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

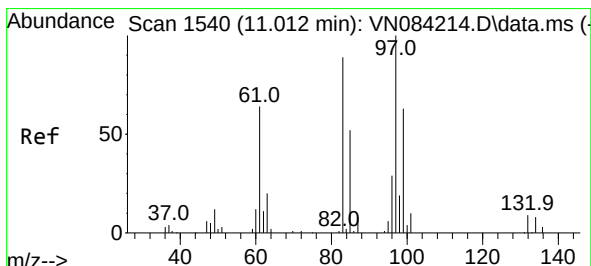
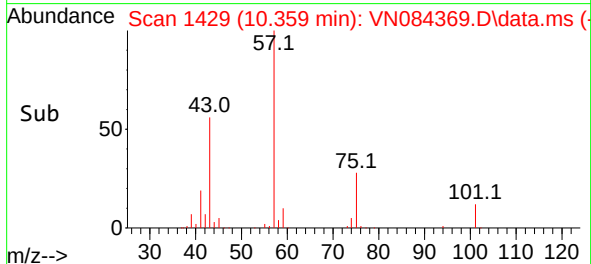
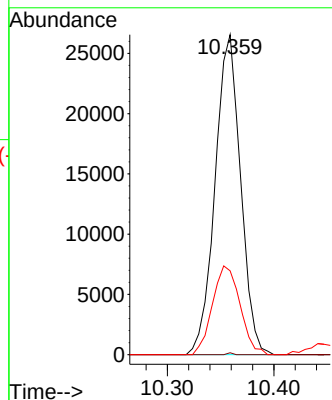
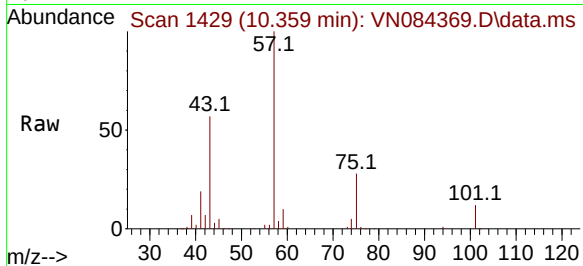




#54
 cis-1,3-Dichloropropene
 Concen: 10.757 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN084369.D
 Acq: 09 Oct 2024 15:56

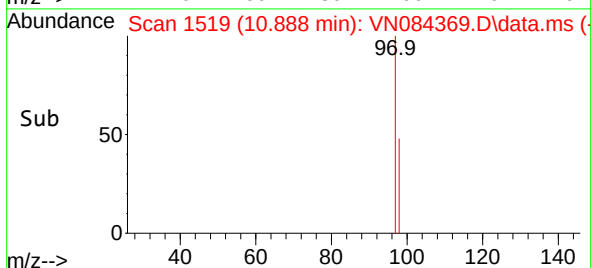
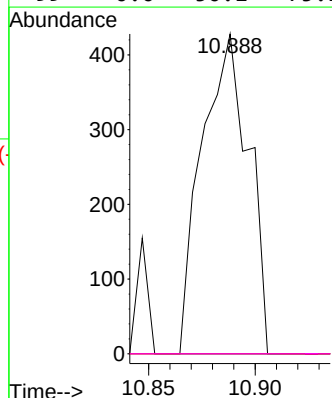
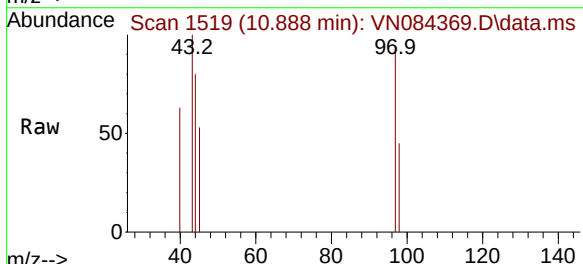
Instrument :
 MSVOA_N
 ClientSampleId :

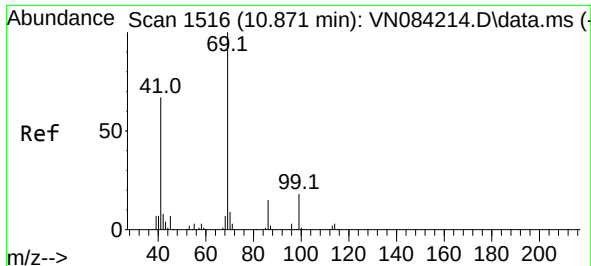
Tgt Ion: 75 Resp: 44032
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.2 36.2#
 39 26.2 38.7 58.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.283 ug/l
 RT: 10.888 min Scan# 1519
 Delta R.T. -0.124 min
 Lab File: VN084369.D
 Acq: 09 Oct 2024 15:56

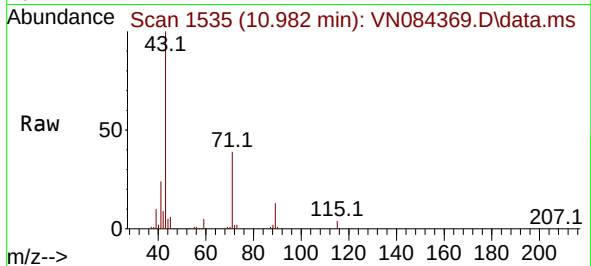
Tgt Ion: 97 Resp: 651
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.0 106.4#
 85 0.0 41.7 62.5#
 99 0.0 50.1 75.1#



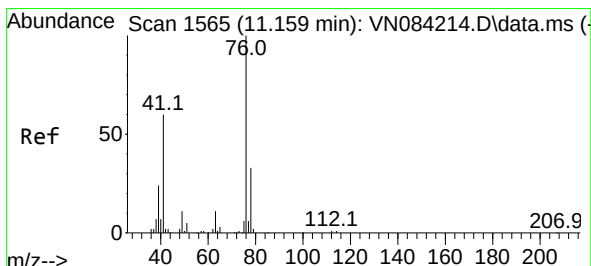
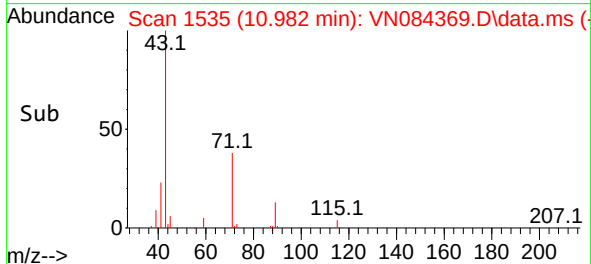
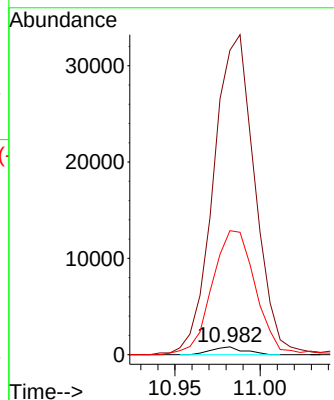


#56
Ethyl methacrylate
Concen: 0.284 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.112 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :

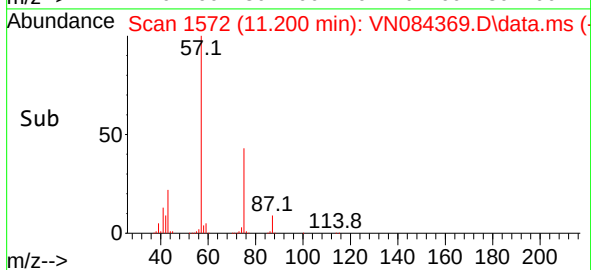
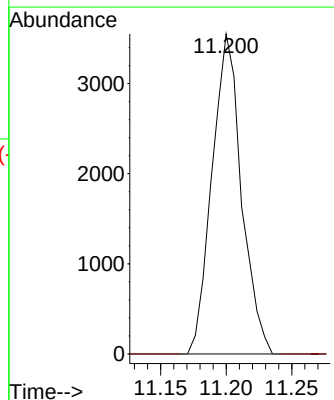
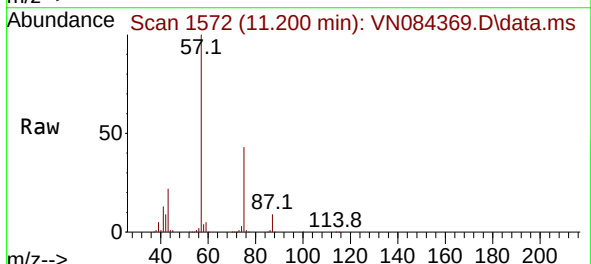


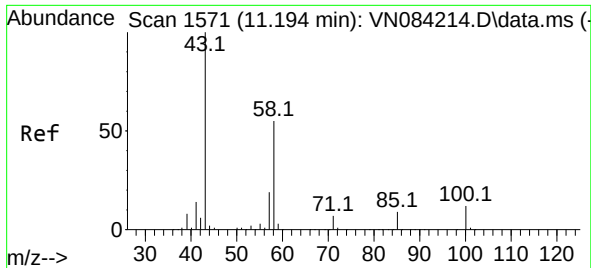
Tgt Ion: 69 Resp: 1074
Ion Ratio Lower Upper
69 100
41 5237.0 53.3 79.9#
39 2142.1 28.8 43.2#



#57
1,3-Dichloropropane
Concen: 1.348 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 76 Resp: 5541
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

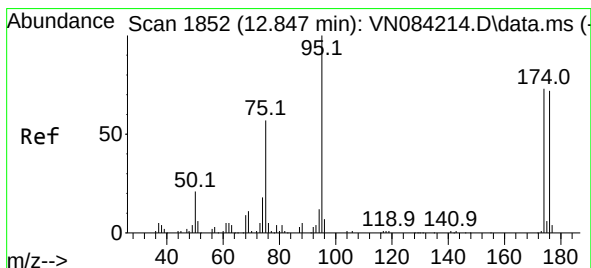
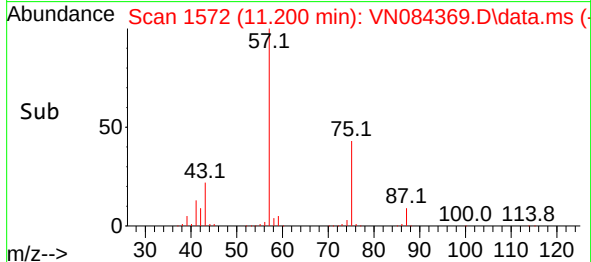
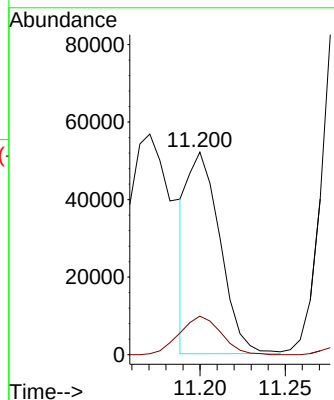
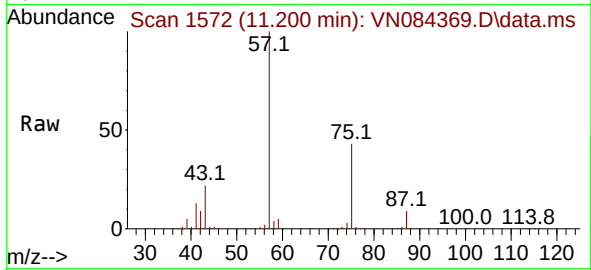




#59
2-Hexanone
Concen: 27.960 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

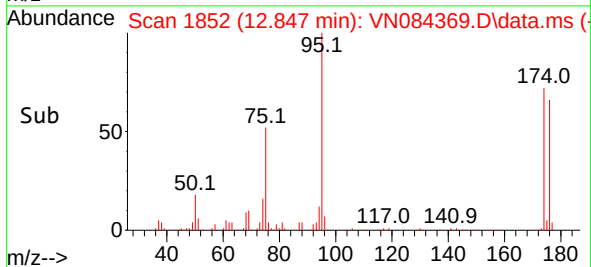
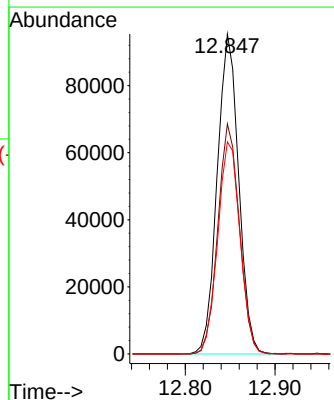
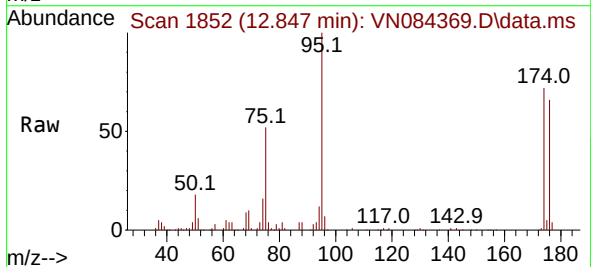
Instrument :
MSVOA_N
ClientSampleId :

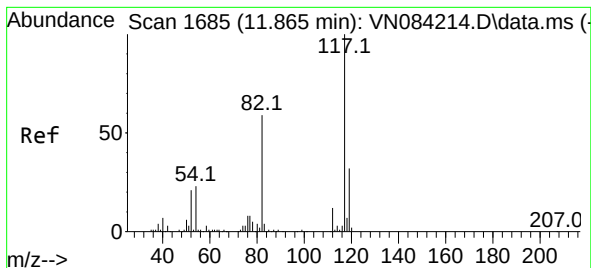
Tgt Ion: 43 Resp: 68952
Ion Ratio Lower Upper
43 100
58 24.3 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 95 Resp: 158330
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.2
176 69.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

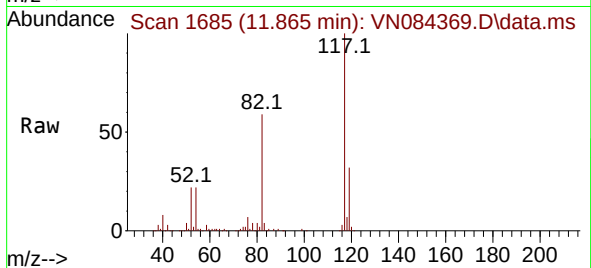
Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :



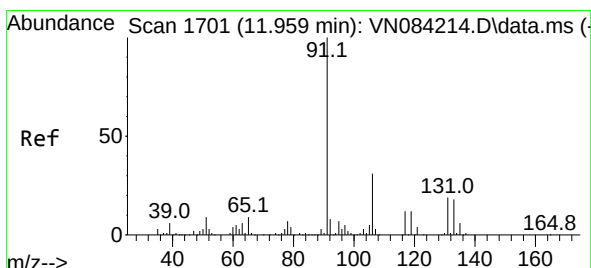
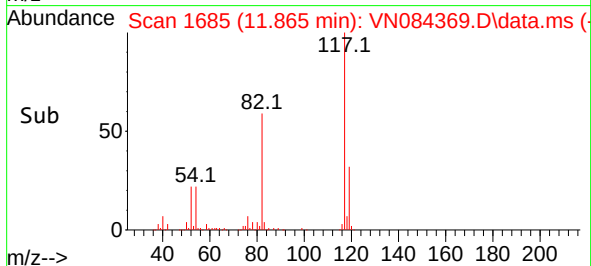
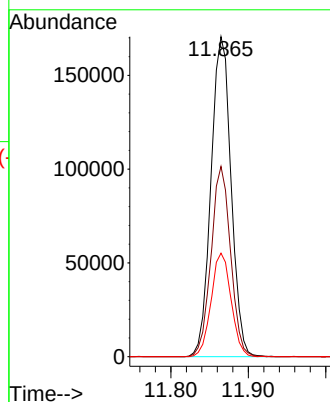
Tgt Ion:117 Resp: 306791

Ion Ratio Lower Upper

117 100

82 59.4 47.2 70.8

119 32.4 25.4 38.0



#67

Ethyl Benzene

Concen: 4.341 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084369.D

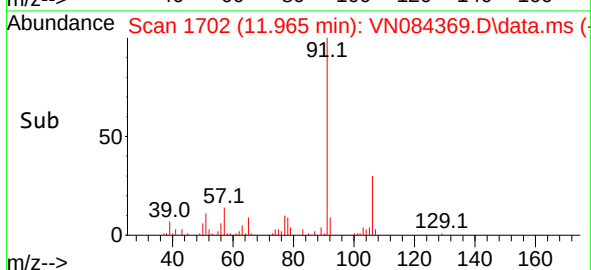
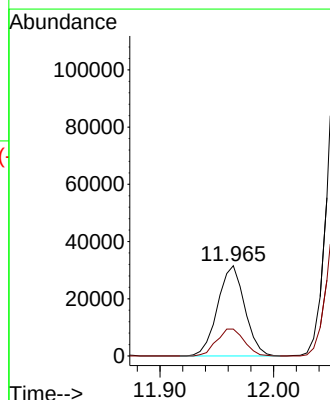
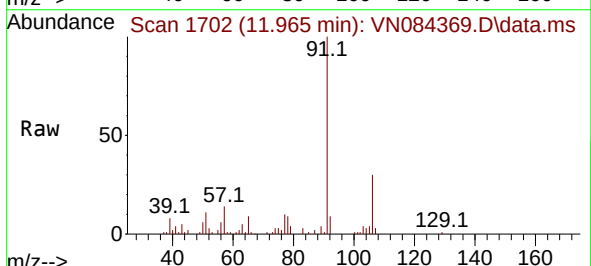
Acq: 09 Oct 2024 15:56

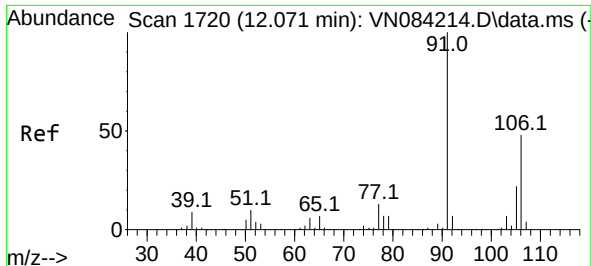
Tgt Ion: 91 Resp: 52222

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7

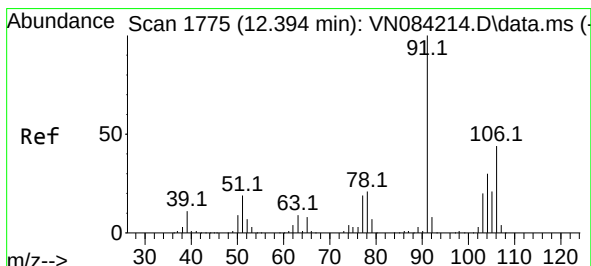
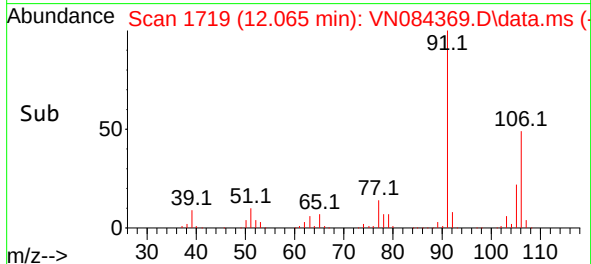
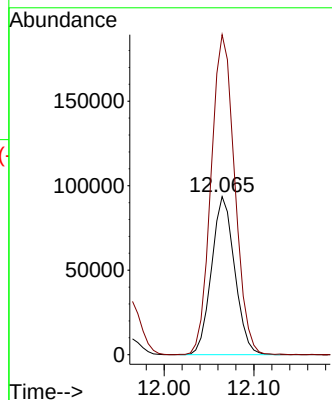
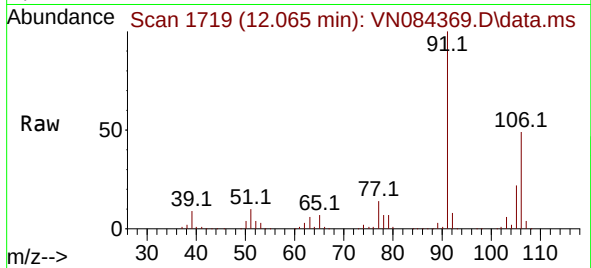




#68
m/p-Xylenes
Concen: 37.574 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

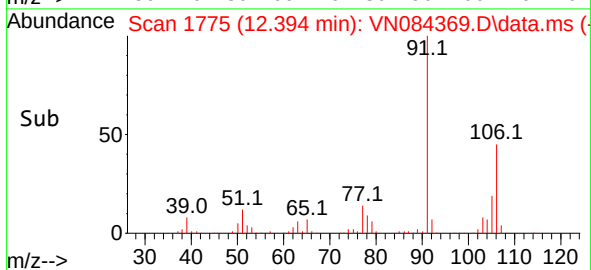
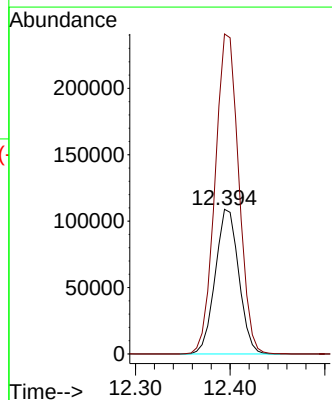
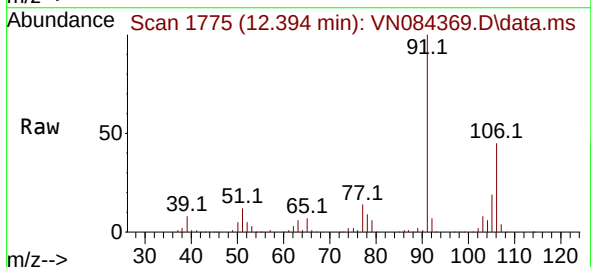
Instrument :
MSVOA_N
ClientSampleId :

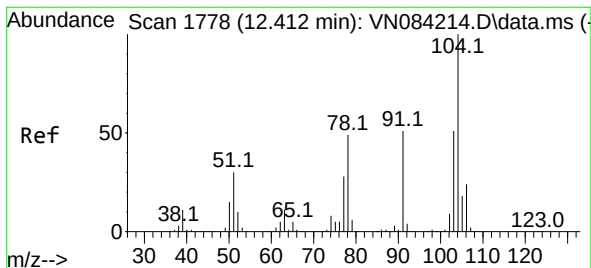
Tgt Ion:106 Resp: 167198
Ion Ratio Lower Upper
106 100
91 207.4 167.1 250.7



#69
o-Xylene
Concen: 44.698 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion:106 Resp: 188183
Ion Ratio Lower Upper
106 100
91 222.4 110.2 330.6





#70

Styrene

Concen: 8.127 ug/l

RT: 12.406 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

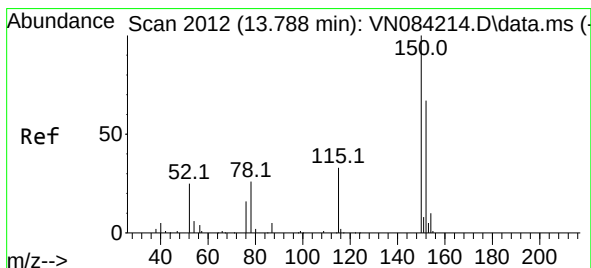
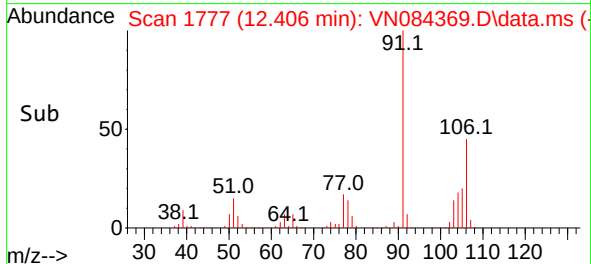
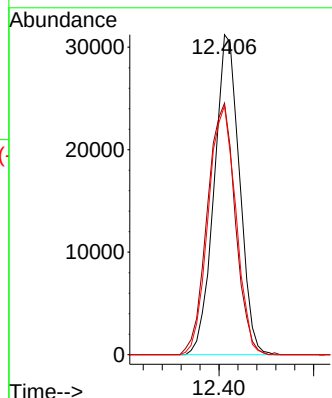
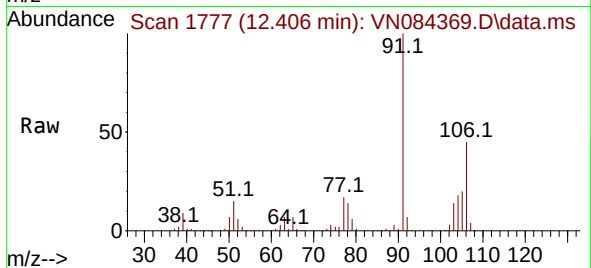
Tgt Ion:104 Resp: 57951

Ion Ratio Lower Upper

104 100

78 86.9 42.7 64.1#

103 84.7 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: VN084369.D

Acq: 09 Oct 2024 15:56

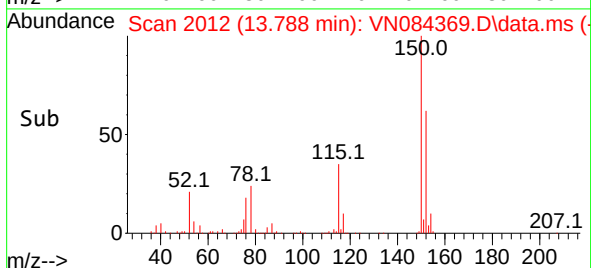
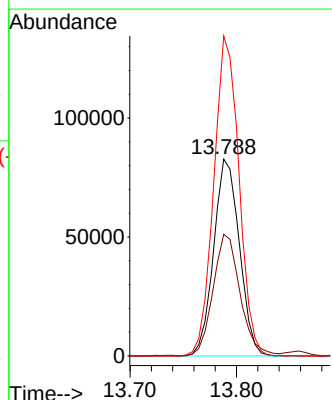
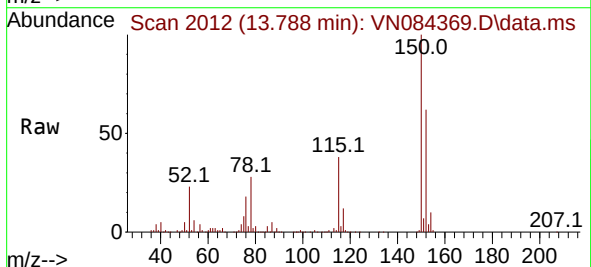
Tgt Ion:152 Resp: 138603

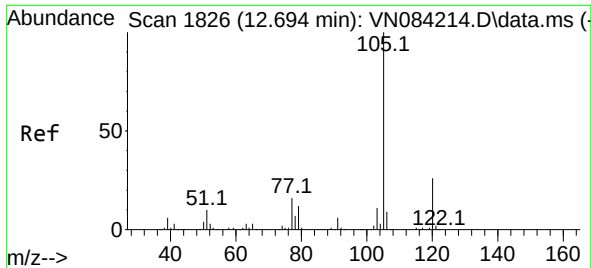
Ion Ratio Lower Upper

152 100

115 65.4 31.3 93.9

150 159.5 0.0 349.8

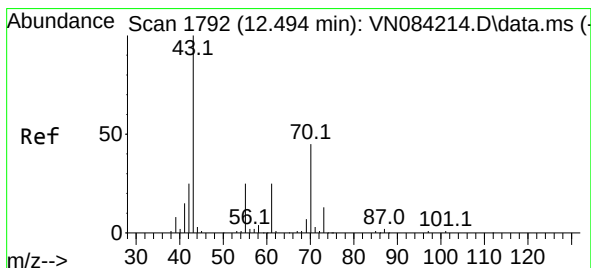
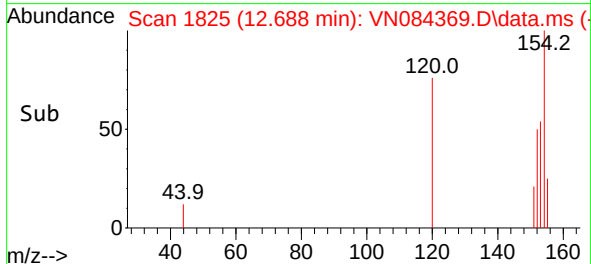
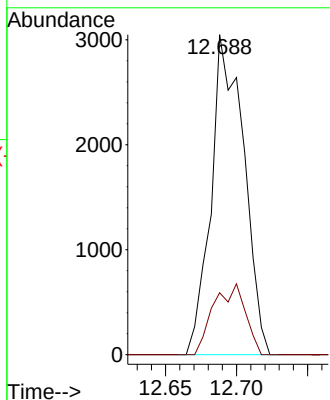
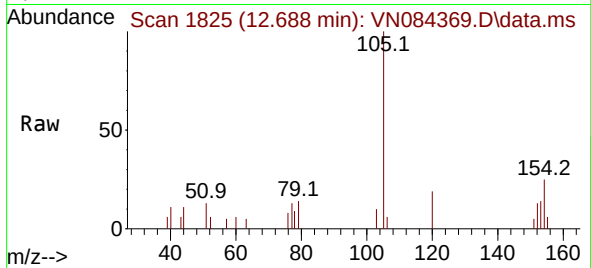




#73
Isopropylbenzene
Concen: 0.460 ug/l
RT: 12.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

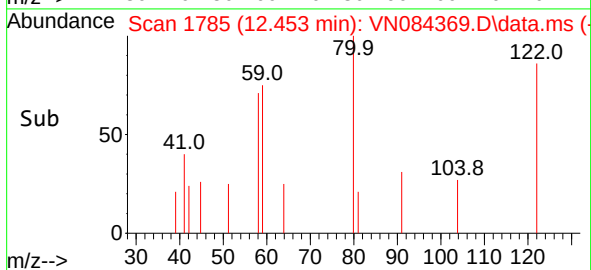
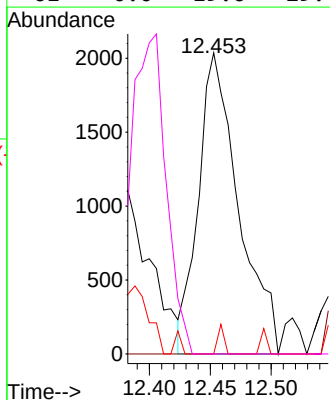
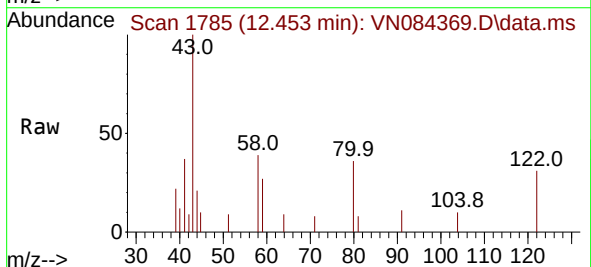
Instrument :
MSVOA_N
ClientSampleId :

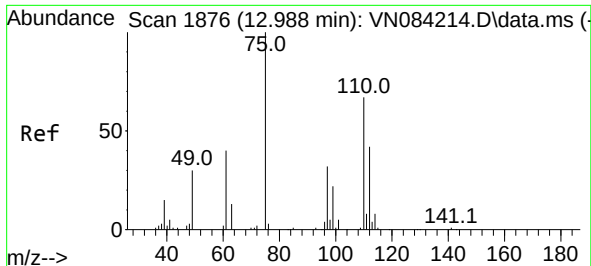
Tgt Ion:105 Resp: 4864
Ion Ratio Lower Upper
105 100
120 21.7 12.9 38.7



#74
N-ethyl acetate
Concen: 0.976 ug/l
RT: 12.453 min Scan# 1785
Delta R.T. -0.041 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 43 Resp: 4675
Ion Ratio Lower Upper
43 100
70 0.0 34.4 51.6#
55 1.5 19.6 29.4#
61 0.0 19.6 29.4#

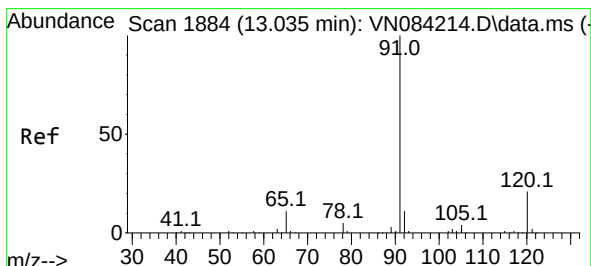
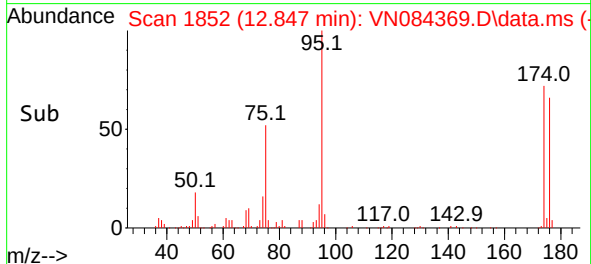
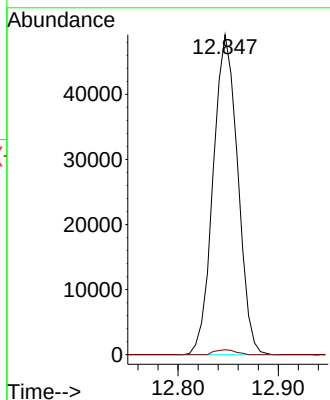
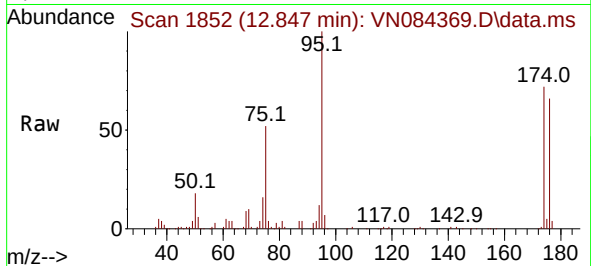




#76
1,2,3-Trichloropropane
Concen: 29.606 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

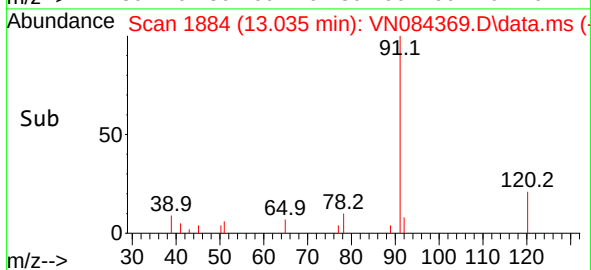
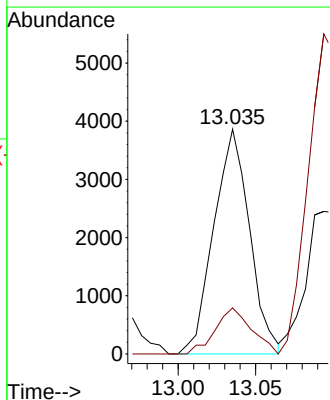
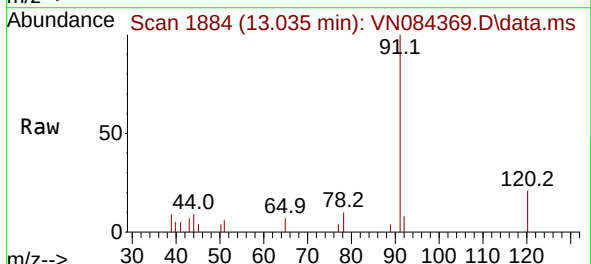
Instrument :
MSVOA_N
ClientSampleId :

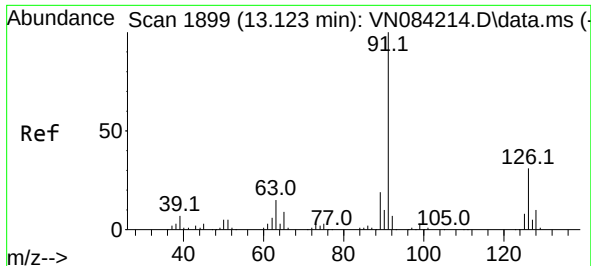
Tgt Ion: 75 Resp: 83775
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#78
n-propylbenzene
Concen: 0.506 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 91 Resp: 6200
Ion Ratio Lower Upper
91 100
120 20.8 10.8 32.4

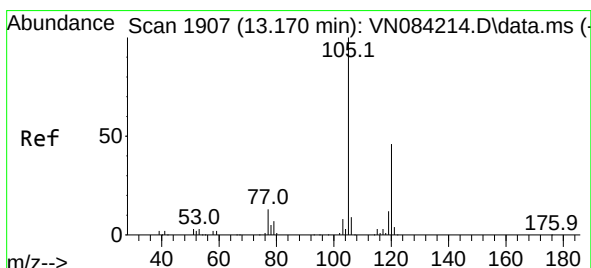
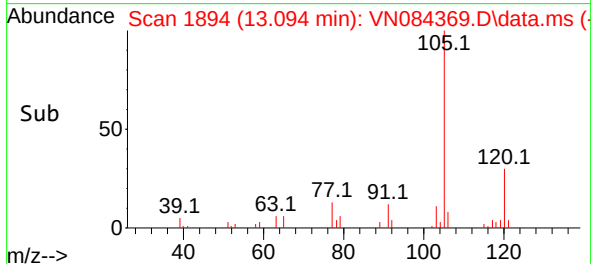
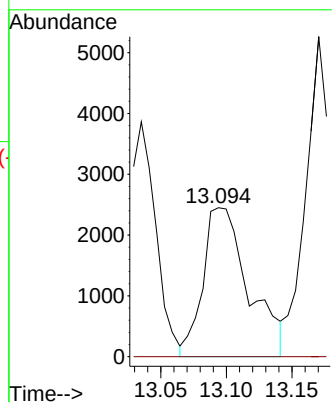
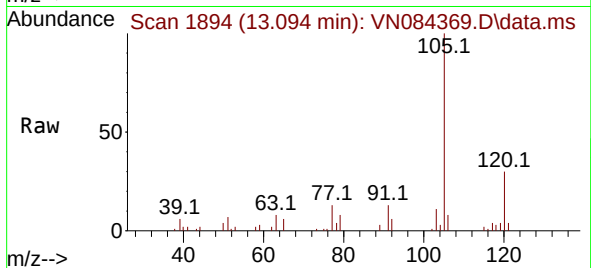




#79
2-Chlorotoluene
Concen: 0.758 ug/l
RT: 13.094 min Scan# 1899
Delta R.T. -0.029 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

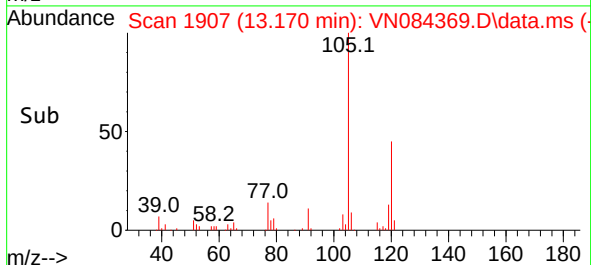
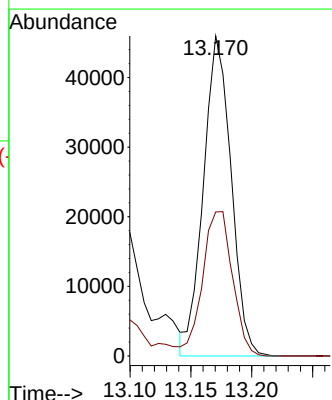
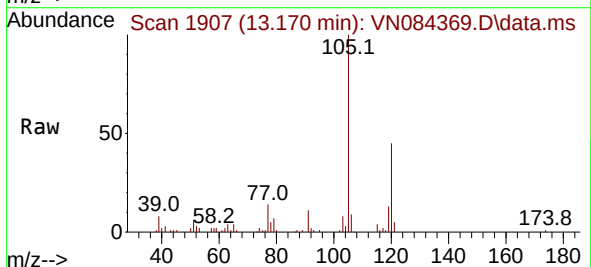
Instrument :
MSVOA_N
ClientSampleId :

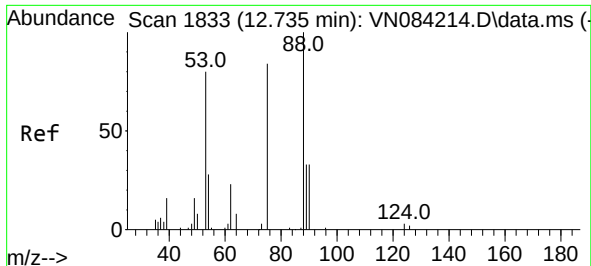
Tgt Ion: 91 Resp: 5926
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#80
1,3,5-Trimethylbenzene
Concen: 8.426 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion:105 Resp: 72693
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1

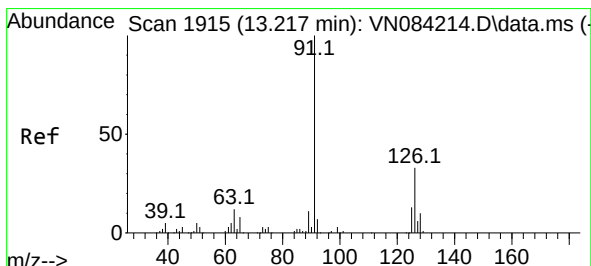
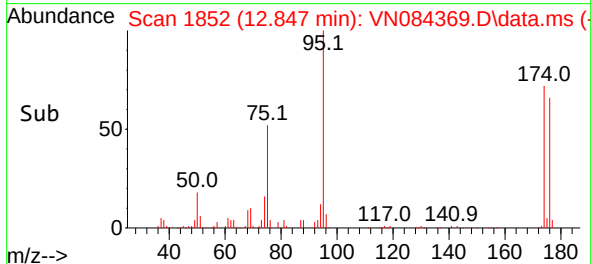
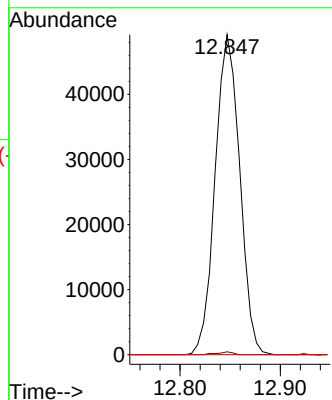
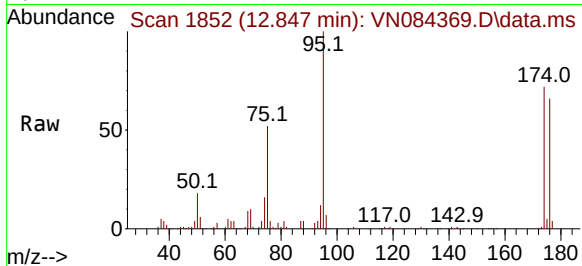




#81
trans-1,4-Dichloro-2-butene
Concen: 70.980 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

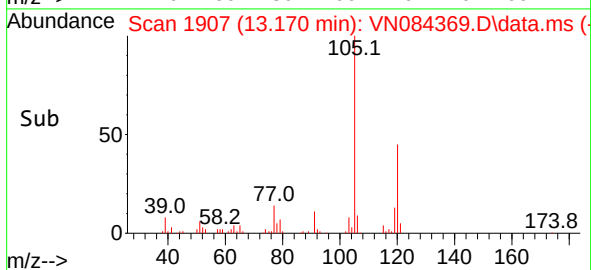
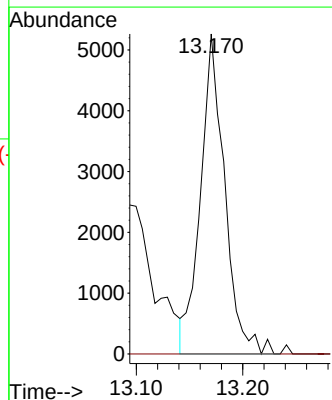
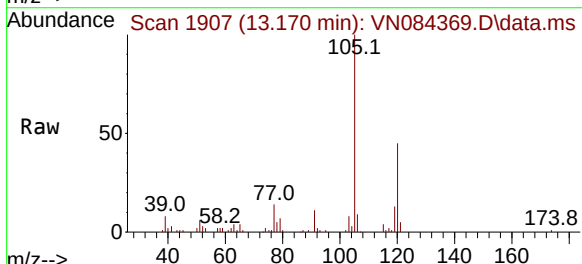
Instrument :
MSVOA_N
ClientSampleId :

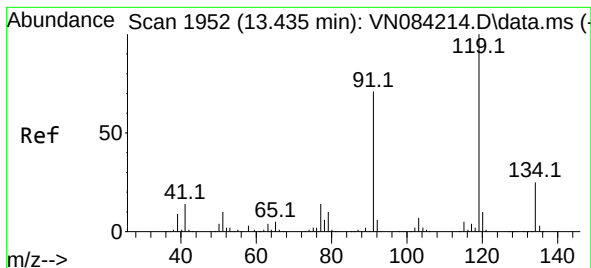
Tgt Ion: 75 Resp: 83775
Ion Ratio Lower Upper
75 100
53 0.6 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 1.054 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN084369.D
Acq: 09 Oct 2024 15:56

Tgt Ion: 91 Resp: 8293
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#





#83

tert-Butylbenzene

Concen: 2.524 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

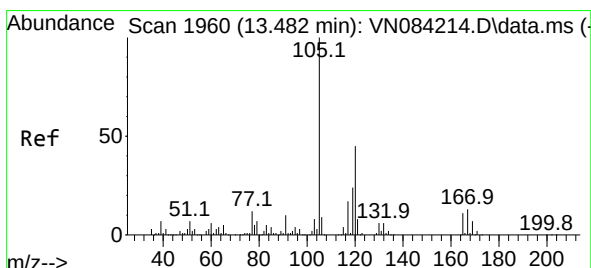
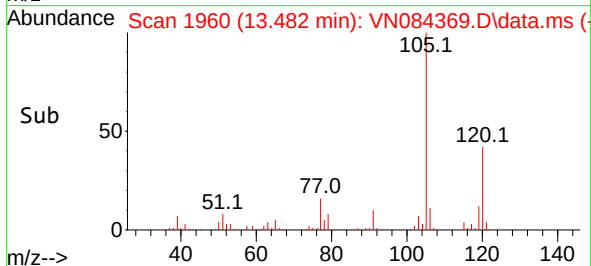
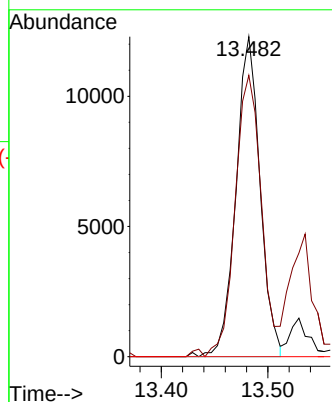
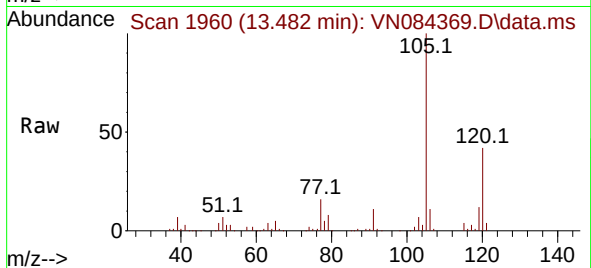
Tgt Ion:119 Resp: 19354

Ion Ratio Lower Upper

119 100

91 93.8 34.1 102.3

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 20.512 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084369.D

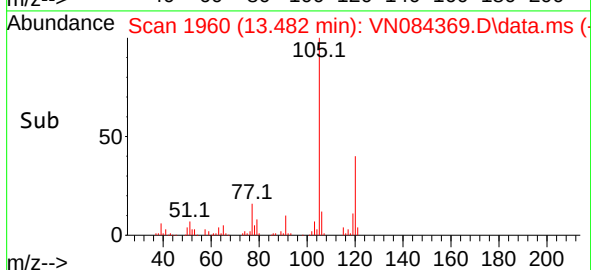
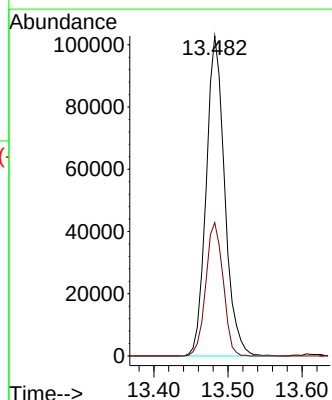
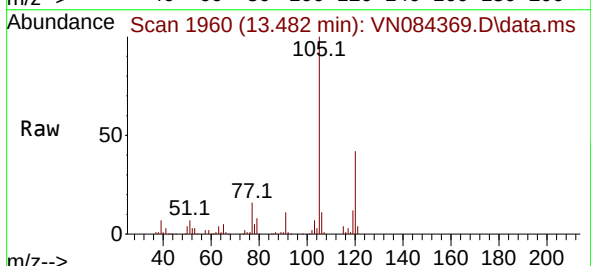
Acq: 09 Oct 2024 15:56

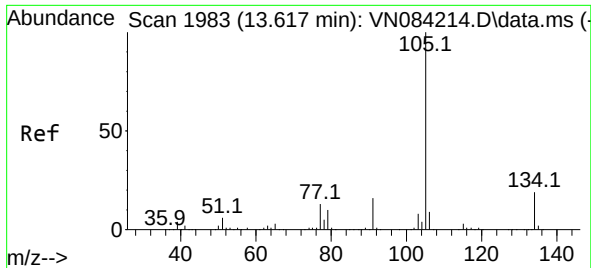
Tgt Ion:105 Resp: 178278

Ion Ratio Lower Upper

105 100

120 39.0 22.3 66.8

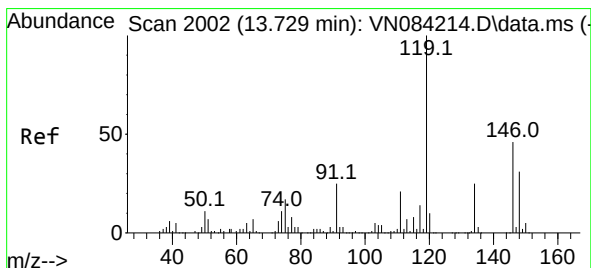
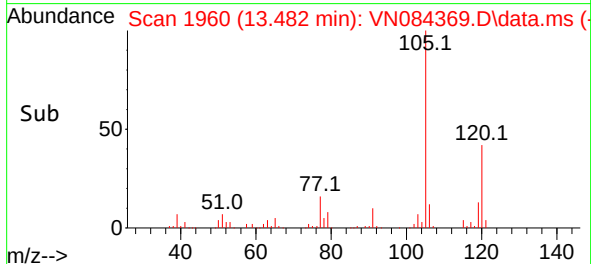
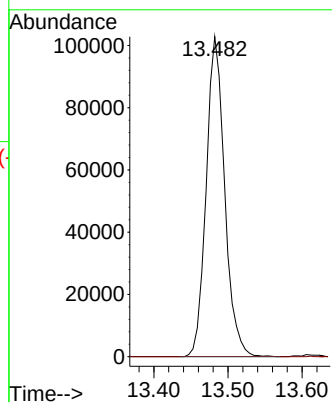
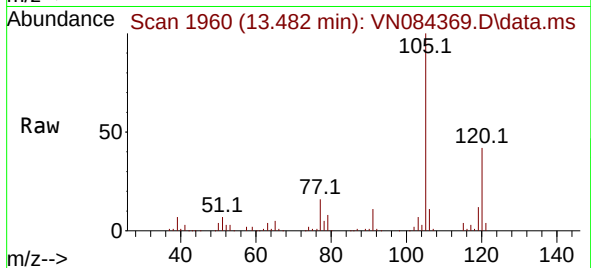




#85
 sec-Butylbenzene
 Concen: 17.423 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN084369.D
 Acq: 09 Oct 2024 15:56

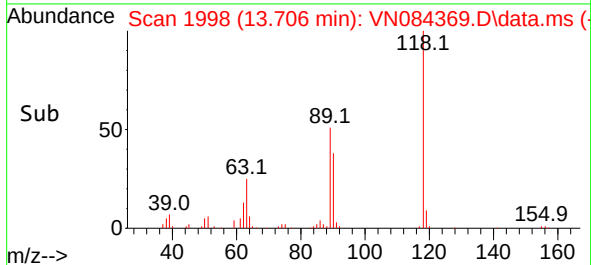
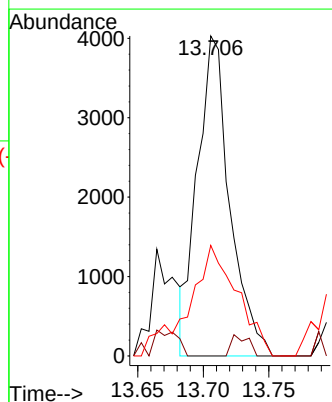
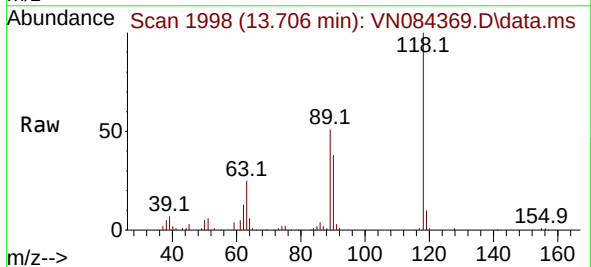
Instrument :
 MSVOA_N
 ClientSampleId :

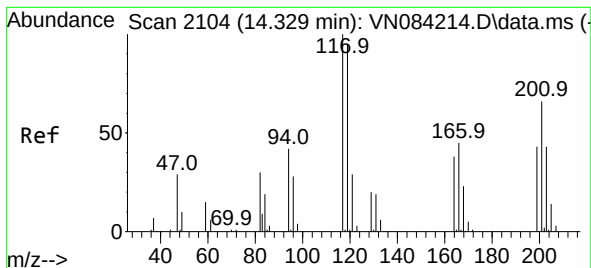
Tgt Ion:105 Resp: 178278
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.818 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.024 min
 Lab File: VN084369.D
 Acq: 09 Oct 2024 15:56

Tgt Ion:119 Resp: 6922
 Ion Ratio Lower Upper
 119 100
 134 3.5 12.6 37.8#
 91 52.1 12.4 37.2#





#90

Hexachloroethane

Concen: 2.097 ug/l

RT: 14.453 min Scan# 2104

Delta R.T. 0.123 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

Instrument :

MSVOA_N

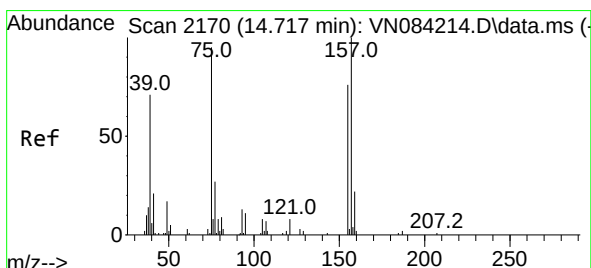
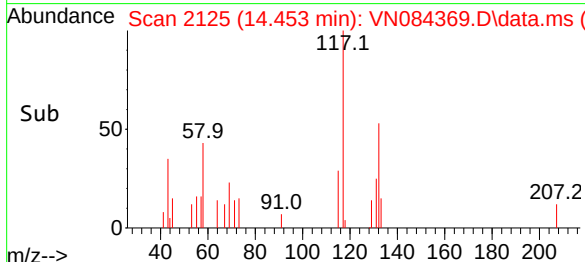
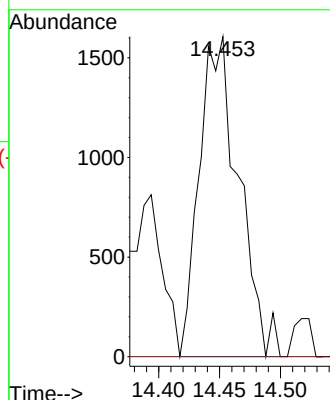
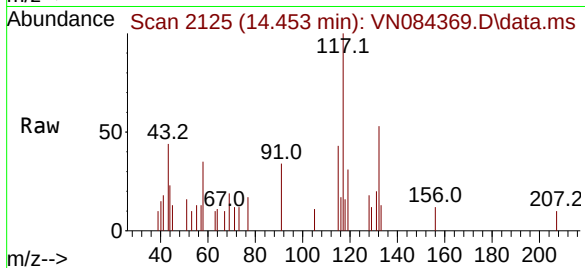
ClientSampleId :

Tgt Ion:117 Resp: 3602

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.624 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084369.D

Acq: 09 Oct 2024 15:56

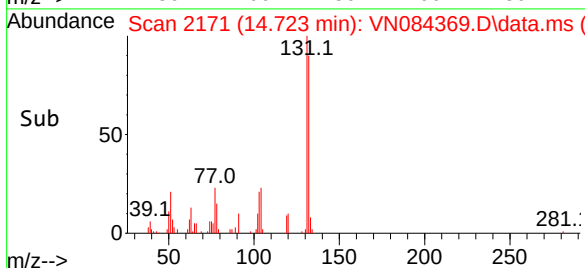
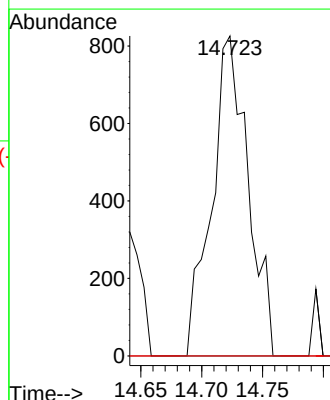
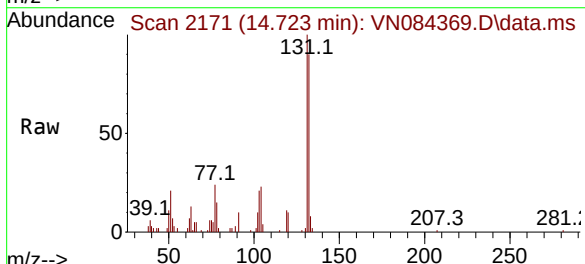
Tgt Ion: 75 Resp: 1722

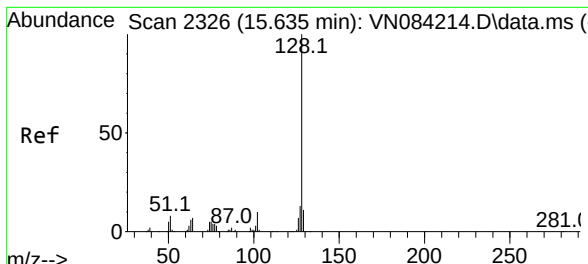
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

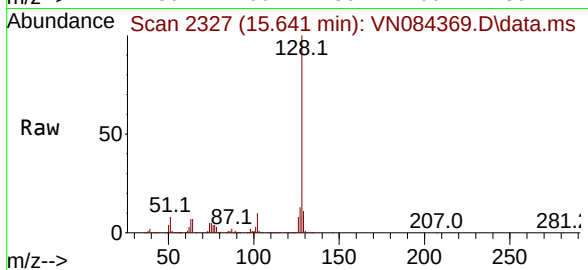
157 0.0 49.6 149.0#





#95
 Naphthalene
 Concen: 1210.229 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084369.D
 Acq: 09 Oct 2024 15:56

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 9274166

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.1	8.7	13.1

