

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084368.D
 Acq On : 09 Oct 2024 15:32
 Operator : JC\MD
 Sample : P4358-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 10 01:22:04 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	188667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131922	47.160	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.320%
35) Dibromofluoromethane	8.171	113	103332	46.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	10.565	98	406968	49.441	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.847	95	153590	51.217	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.440%

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.518	59	6076	13.173	ug/l #	93
13) Acrolein	4.189	56	387	0.731	ug/l #	14
16) Acetone	4.430	43	86782	72.217	ug/l	97
17) Carbon Disulfide	4.724	76	3834	0.570	ug/l #	75
18) Methyl Acetate	5.036	43	3117	1.190	ug/l #	73
20) Methylene Chloride	5.277	84	5864	2.401	ug/l #	81
25) 2-Butanone	7.483	43	14278	8.724	ug/l	99
29) Tetrahydrofuran	7.830	42	475	0.470	ug/l #	53
31) Cyclohexane	8.235	56	5745	1.387	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	16211	4.988	ug/l #	51
37) Ethyl Acetate	7.565	43	3454	1.036	ug/l #	85
38) Carbon Tetrachloride	8.224	117	21092	5.917	ug/l #	16
39) Methylcyclohexane	9.588	83	2534	0.701	ug/l #	64
40) Benzene	8.606	78	1161851	114.747	ug/l	100
42) 1,2-Dichloroethane	8.677	62	1280	0.373	ug/l #	75
43) Isopropyl Acetate	8.688	43	188204	28.820	ug/l #	84
45) 1,2-Dichloropropane	9.741	63	1444	0.603	ug/l #	44
48) Methyl methacrylate	9.647	41	3921	1.508	ug/l #	40
51) 4-Methyl-2-Pentanone	10.447	43	29765	9.378	ug/l	90
52) Toluene	10.629	92	779874	126.307	ug/l	100
54) cis-1,3-Dichloropropene	10.359	75	38334	9.736	ug/l #	64
55) 1,1,2-Trichloroethane	10.888	97	2064	0.932	ug/l #	15
57) 1,3-Dichloropropane	11.200	76	4532	1.146	ug/l #	42
59) 2-Hexanone	11.200	43	58551	24.682	ug/l #	60
67) Ethyl Benzene	11.965	91	157960	13.623	ug/l	99
68) m/p-Xylenes	12.065	106	515261	120.137	ug/l	100
69) o-Xylene	12.394	106	539792	133.024	ug/l	100
70) Styrene	12.412	104	169338	24.637	ug/l #	57
71) Bromoform	12.847	173	601	0.361	ug/l #	1
73) Isopropylbenzene	12.694	105	11136	1.047	ug/l	95
74) N-amyl acetate	12.459	43	5895	1.224	ug/l #	47
76) 1,2,3-Trichloropropane	12.847	75	79394	27.902	ug/l #	1
78) n-propylbenzene	13.035	91	17023	1.381	ug/l	98
79) 2-Chlorotoluene	13.094	91	14864	1.890	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.170	105	197717	22.790	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	79394	66.894	ug/l #	12

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

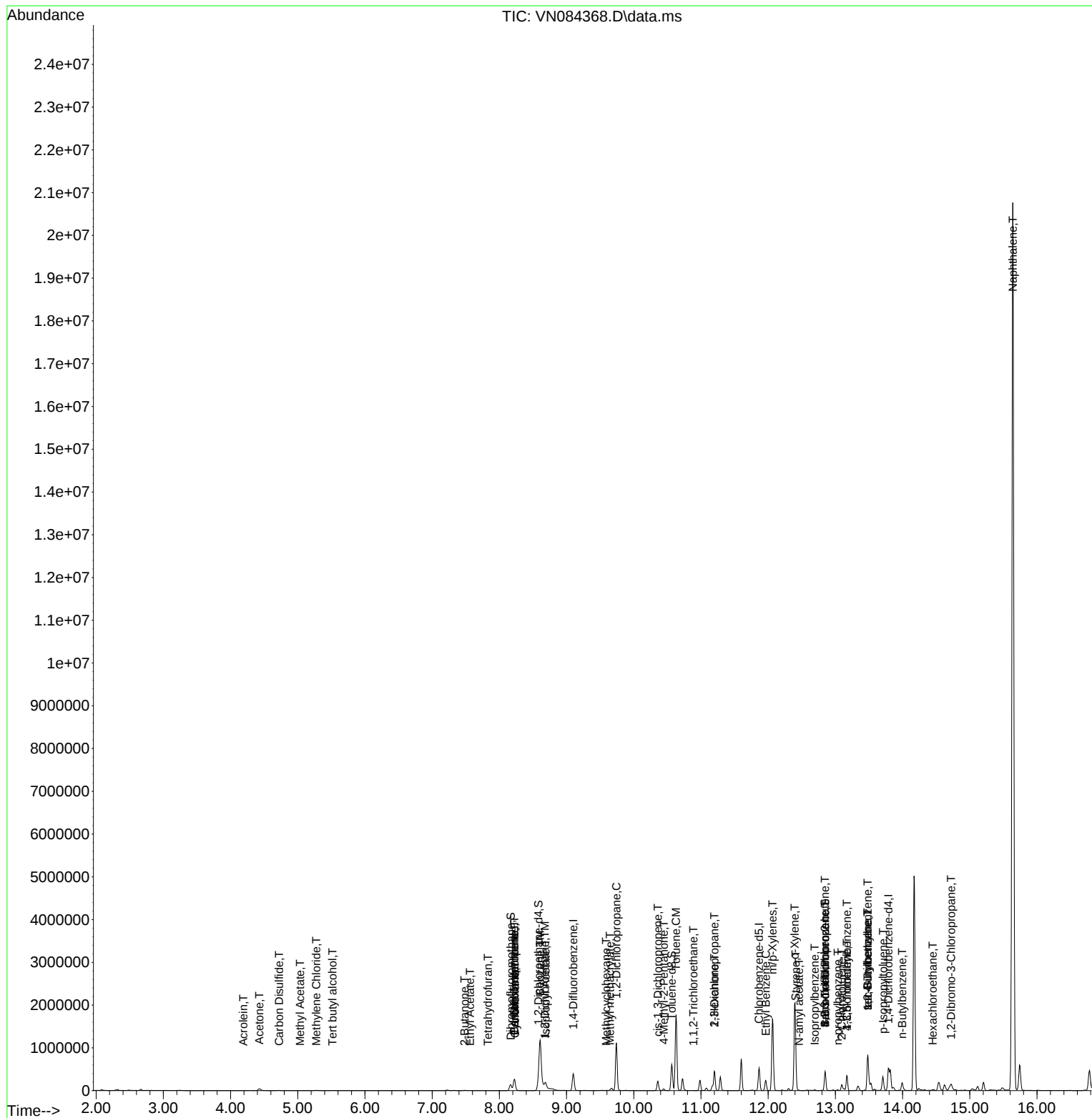
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.170	91	20826	2.631	ug/l #	43
83) tert-Butylbenzene	13.482	119	54793	7.106	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.482	105	505876	57.881	ug/l	91
85) sec-Butylbenzene	13.482	105	505876	49.163	ug/l #	57
86) p-Isopropyltoluene	13.712	119	21592	2.538	ug/l #	64
89) n-Butylbenzene	13.994	91	21778	2.823	ug/l #	48
90) Hexachloroethane	14.447	117	8809	5.100	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4295	6.508	ug/l #	5
95) Naphthalene	15.641	128	18112752	2350.475	ug/l	98

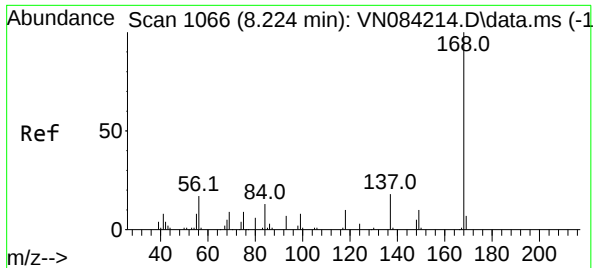
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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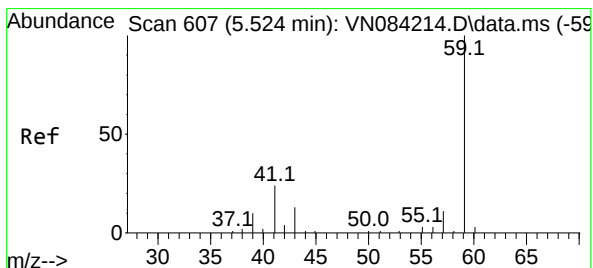
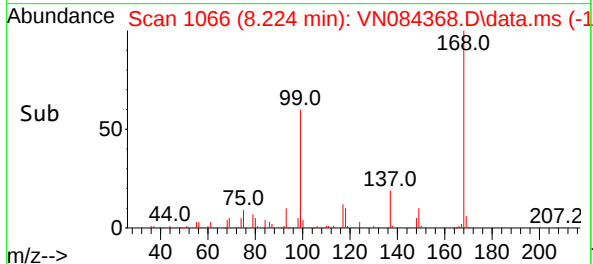
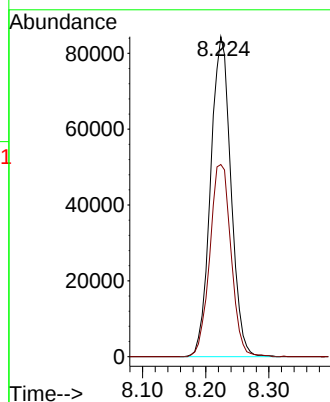
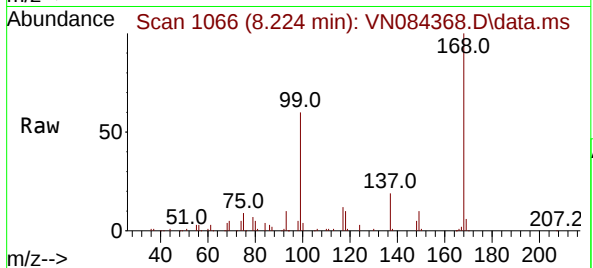




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084368.D
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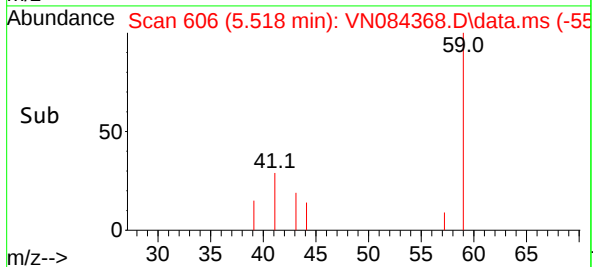
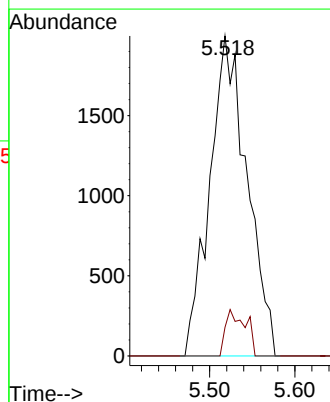
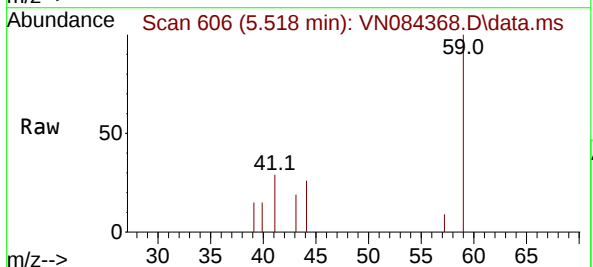
Instrument :
MSVOA_N
ClientSampleId :

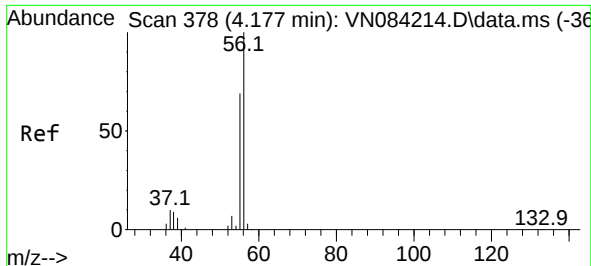
Tgt Ion:168 Resp: 188667
Ion Ratio Lower Upper
168 100
99 60.0 54.2 81.2



#11
Tert butyl alcohol
Concen: 13.173 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

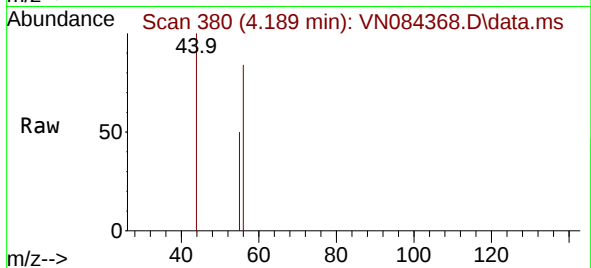
Tgt Ion: 59 Resp: 6076
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.2#



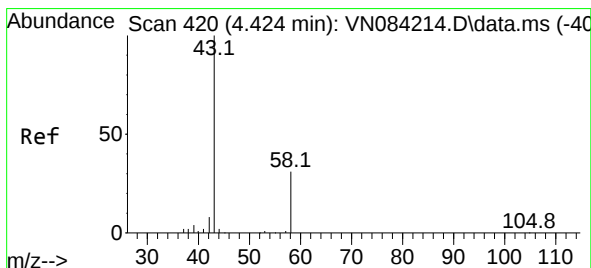
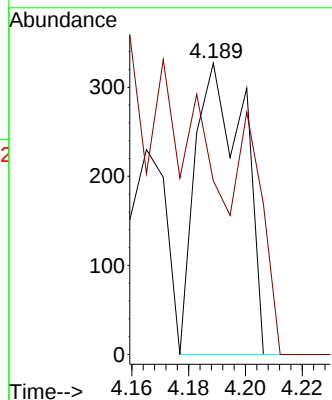


#13
Acrolein
Concen: 0.731 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

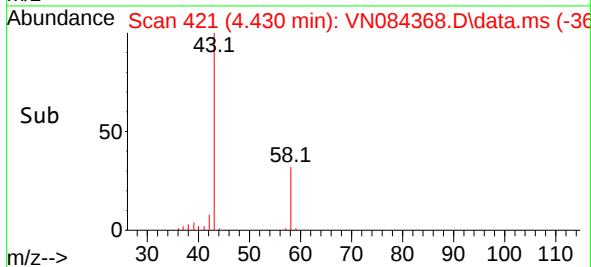
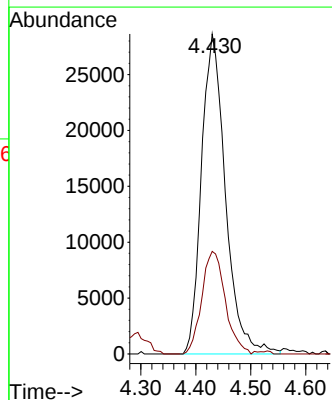
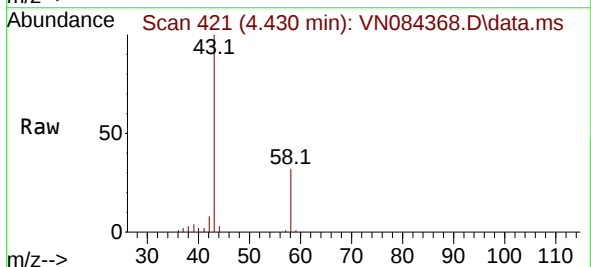


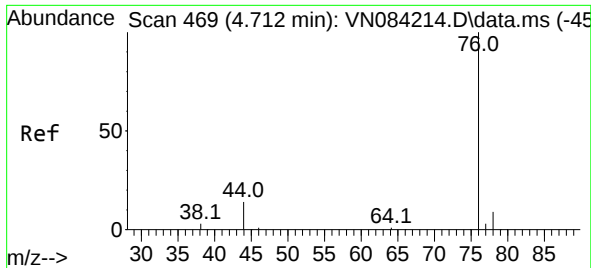
Tgt Ion: 56 Resp: 387
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#16
Acetone
Concen: 72.217 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 43 Resp: 86782
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6

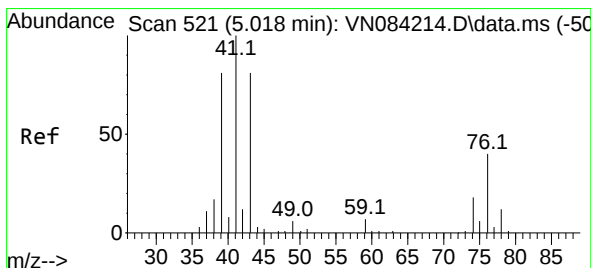
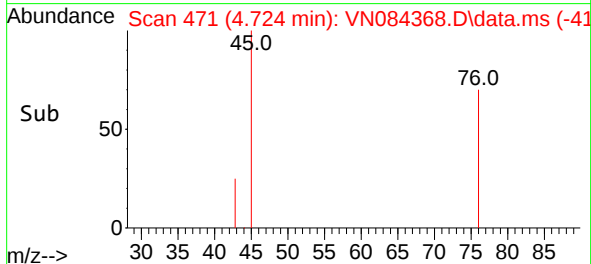
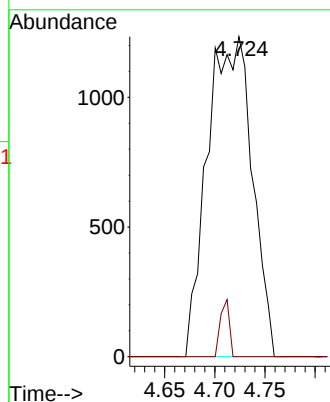
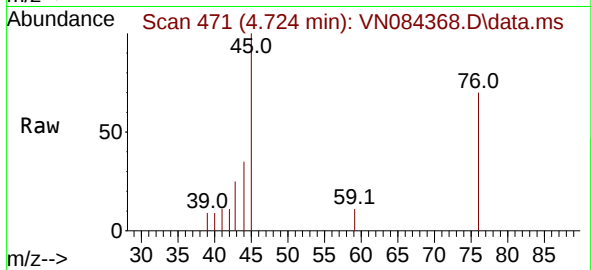




#17
Carbon Disulfide
Concen: 0.570 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

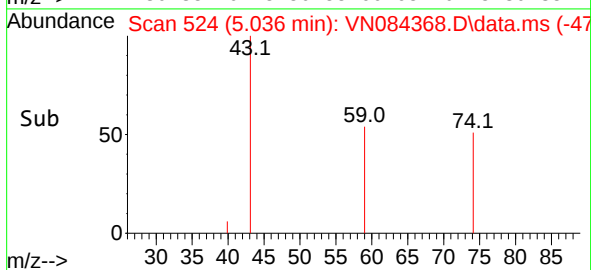
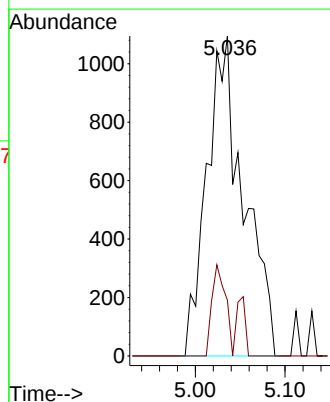
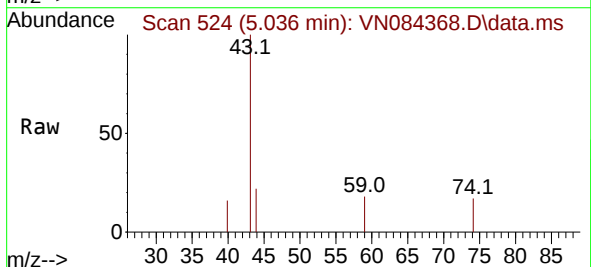
Instrument :
MSVOA_N
ClientSampleId :

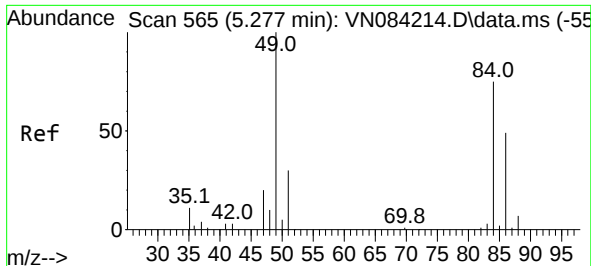
Tgt Ion: 76 Resp: 3834
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 1.190 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

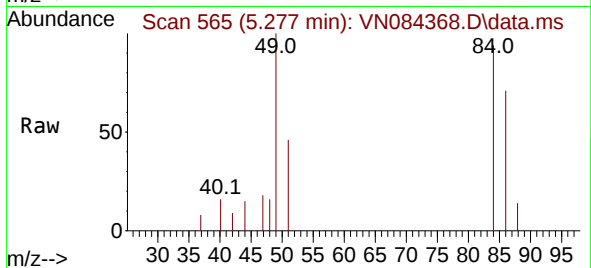
Tgt Ion: 43 Resp: 3117
Ion Ratio Lower Upper
43 100
74 10.6 19.2 28.8#



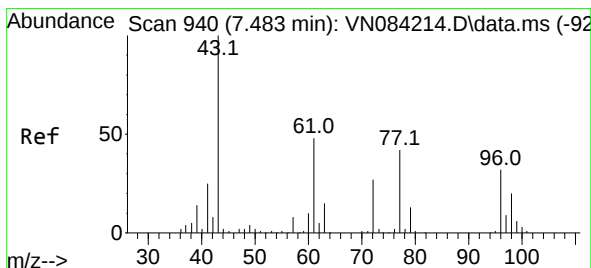
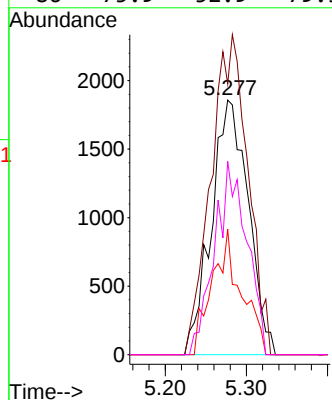


#20
Methylene Chloride
Concen: 2.401 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

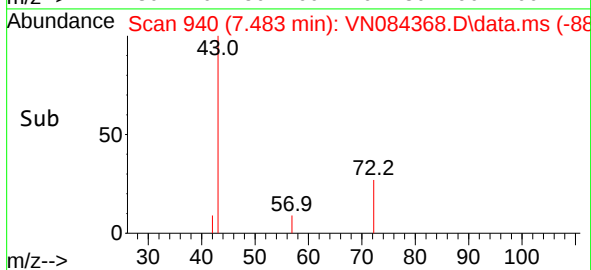
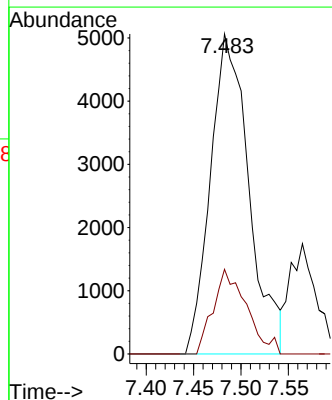
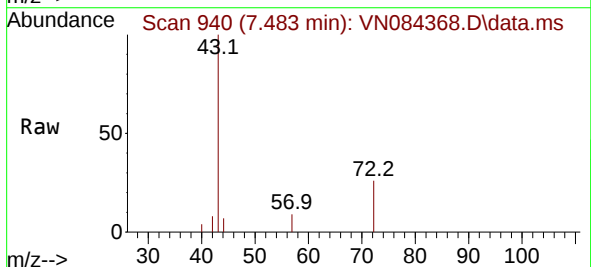


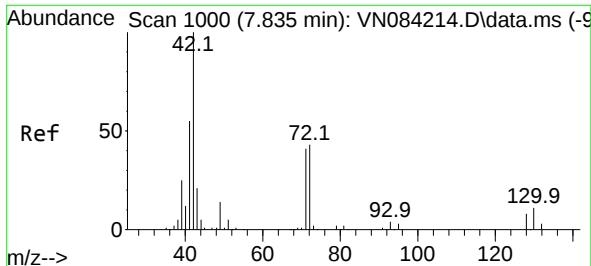
Tgt Ion:	84	Resp:	5864
Ion	Ratio	Lower	Upper
84	100		
49	106.3	107.2	160.8#
51	49.2	31.8	47.8#
86	75.9	52.9	79.3



#25
2-Butanone
Concen: 8.724 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion:	43	Resp:	14278
Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.470 ug/l

RT: 7.830 min Scan# 91

Delta R.T. -0.006 min

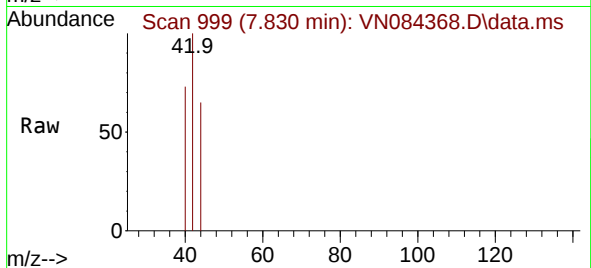
Lab File: VN084368.D

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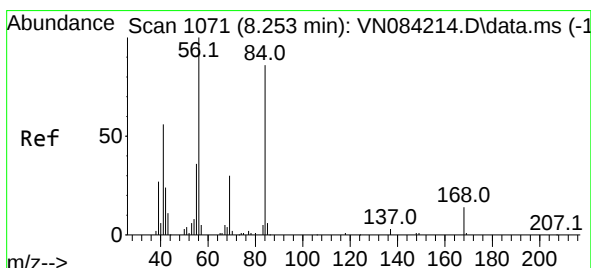
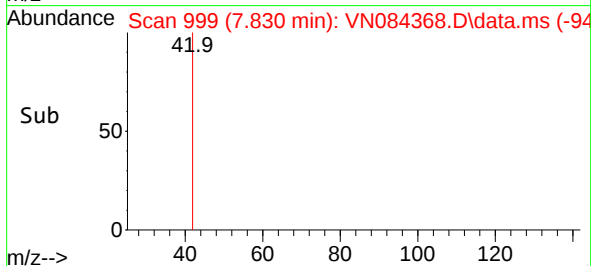
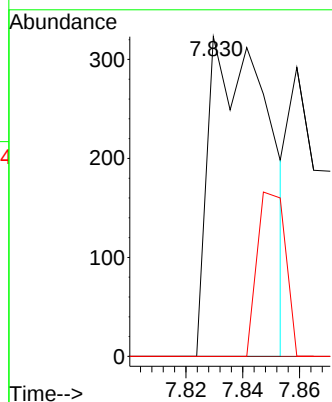
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Tgt Ion:	42	Resp:	475
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	24.2	32.2	48.4#



#31

Cyclohexane

Concen: 1.387 ug/l

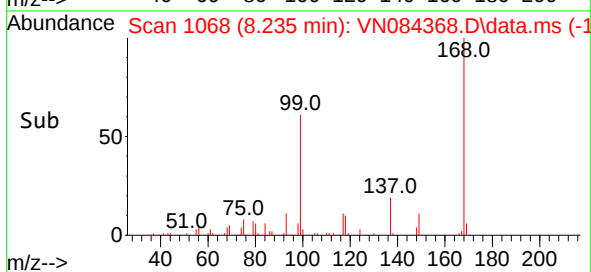
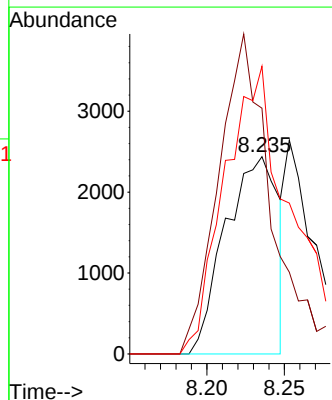
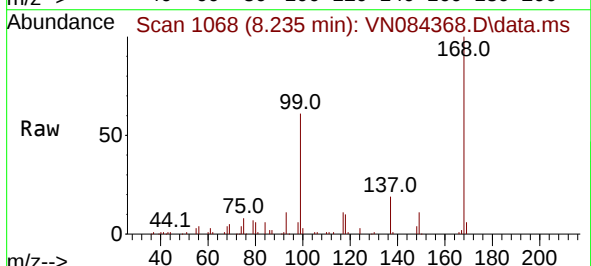
RT: 8.235 min Scan# 1068

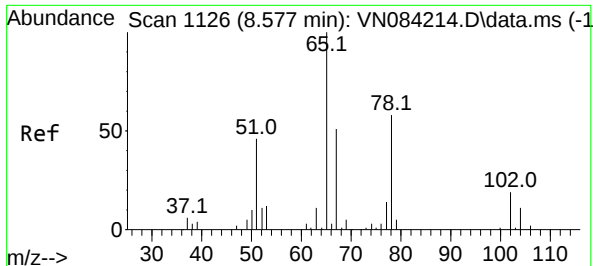
Delta R.T. -0.018 min

Lab File: VN084368.D

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Tgt Ion:	56	Resp:	5745
Ion	Ratio	Lower	Upper
56	100		
69	124.6	23.8	35.6#
84	145.8	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.160 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084368.D

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Instrument :

MSVOA_N

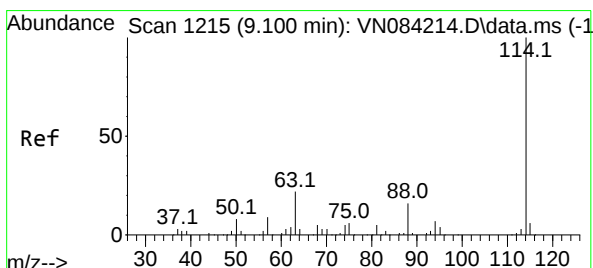
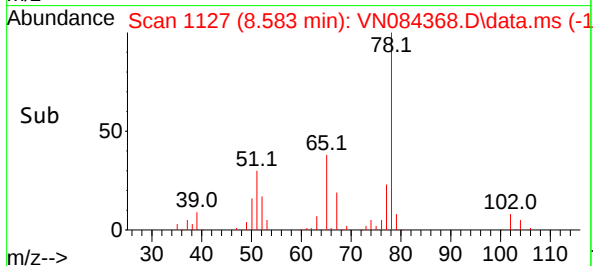
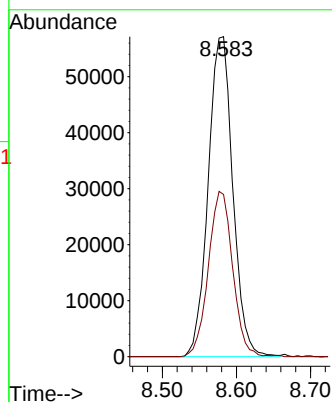
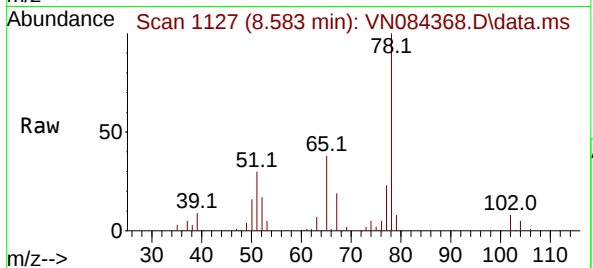
ClientSampleId :

Tgt Ion: 65 Resp: 131922

Ion Ratio Lower Upper

65 100

67 51.1 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: VN084368.D

Acq: 09 Oct 2024 15:32

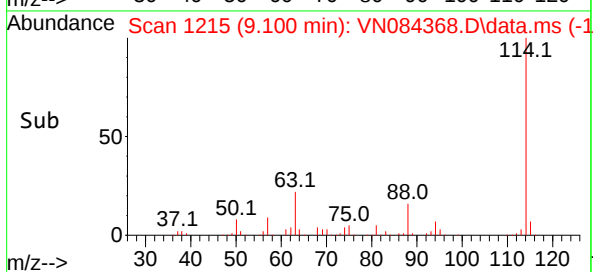
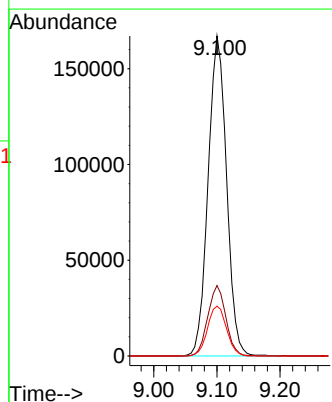
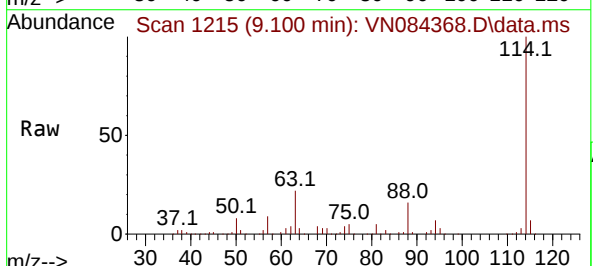
Tgt Ion: 114 Resp: 339370

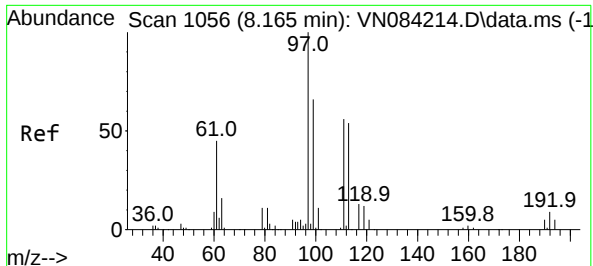
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.185 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

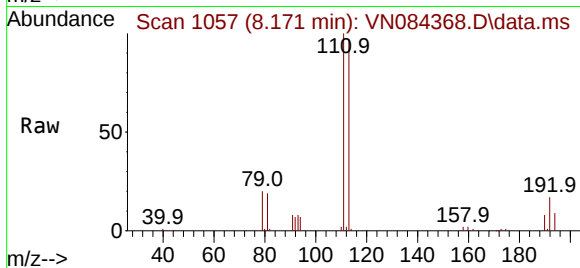
Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :



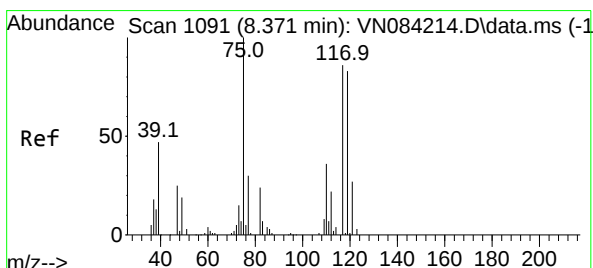
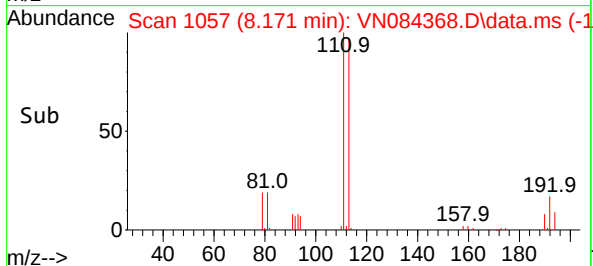
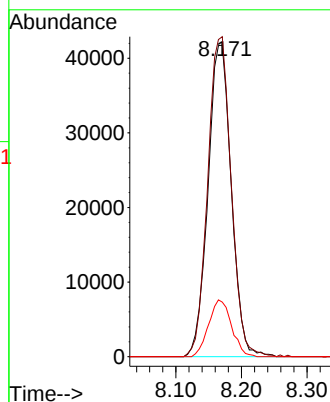
Tgt Ion:113 Resp: 103332

Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

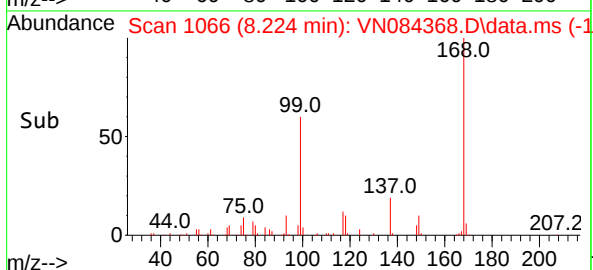
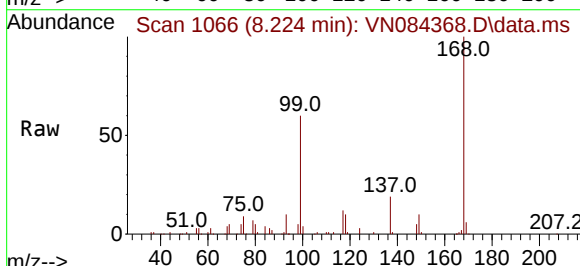
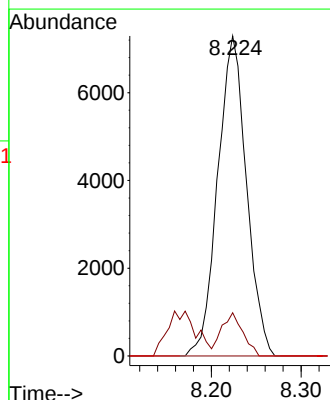
Tgt Ion: 75 Resp: 16211

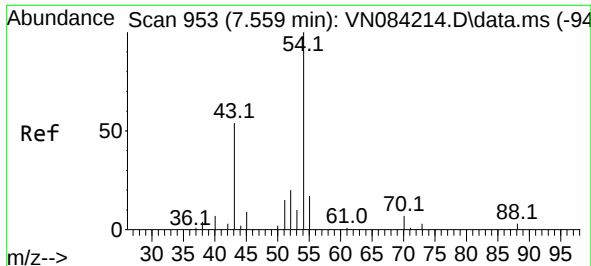
Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.036 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

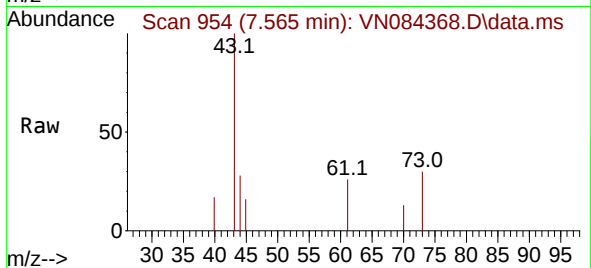
Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

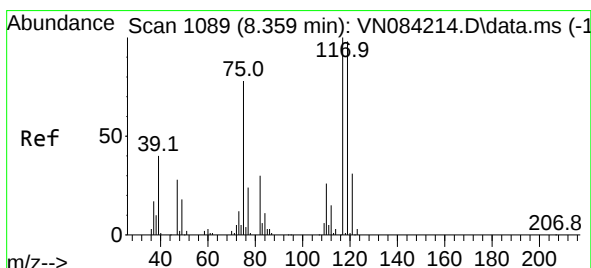
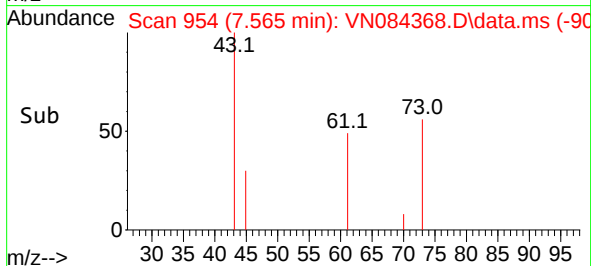
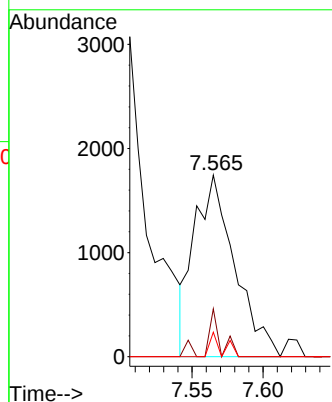
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	3454
Ion	Ratio	Lower	Upper
43	100		
61	8.4	10.7	16.1#
70	4.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.917 ug/l

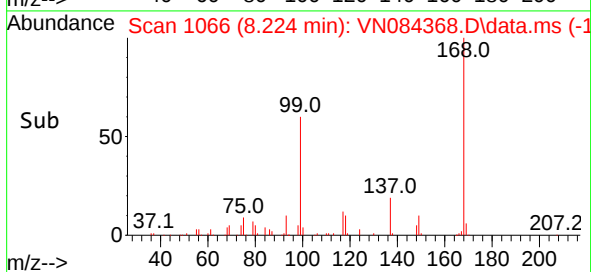
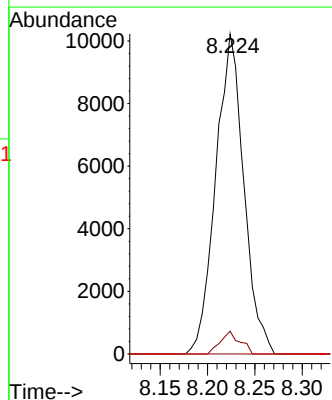
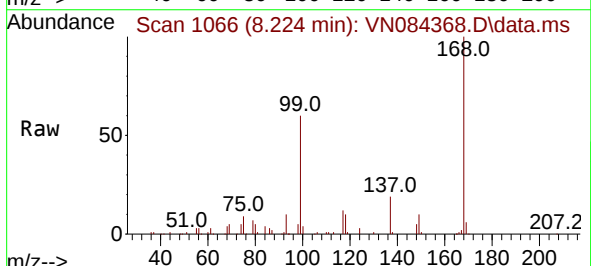
RT: 8.224 min Scan# 1066

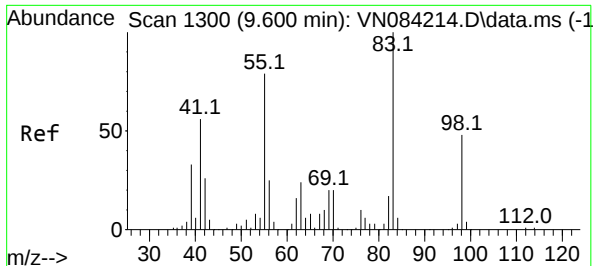
Delta R.T. -0.135 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Tgt Ion:	117	Resp:	21092
Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.7	118.1#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 0.701 ug/l

RT: 9.588 min Scan# 11298

Delta R.T. -0.012 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

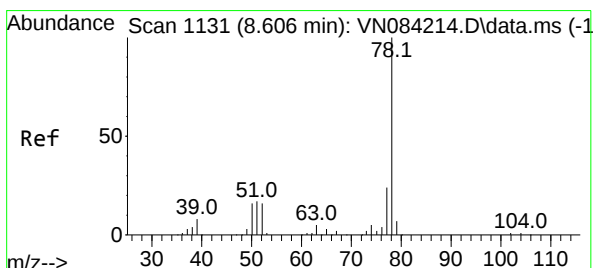
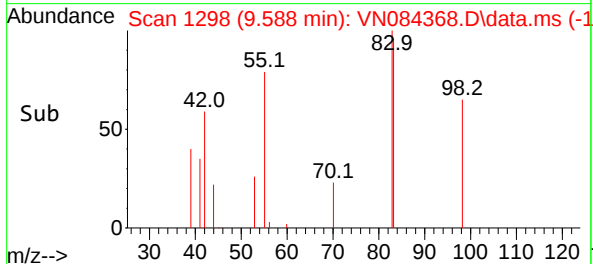
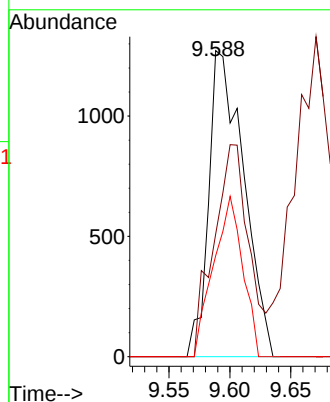
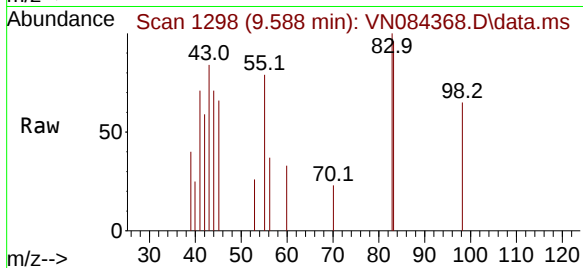
Tgt Ion: 83 Resp: 2534

Ion Ratio Lower Upper

83 100

55 40.2 62.8 94.2#

98 33.0 38.8 58.2#



#40

Benzene

Concen: 114.747 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084368.D

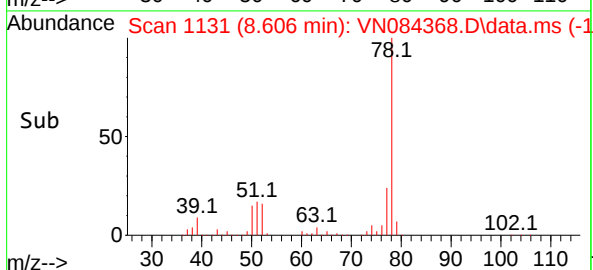
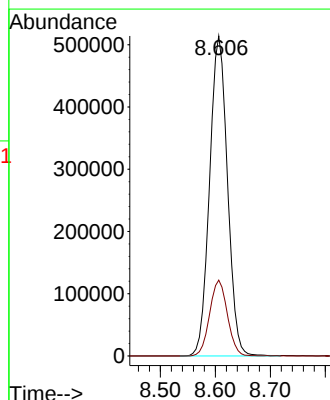
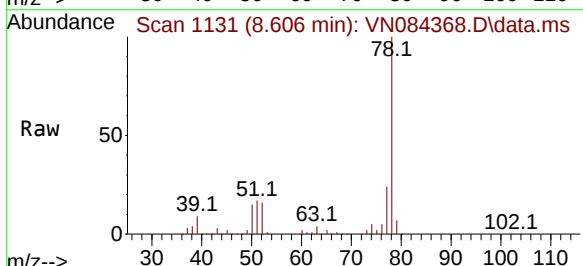
Acq: 09 Oct 2024 15:32

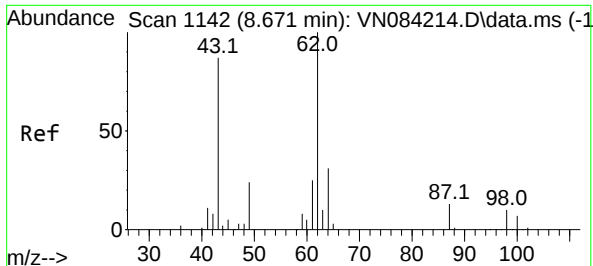
Tgt Ion: 78 Resp: 1161851

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7





#42

1,2-Dichloroethane

Concen: 0.373 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

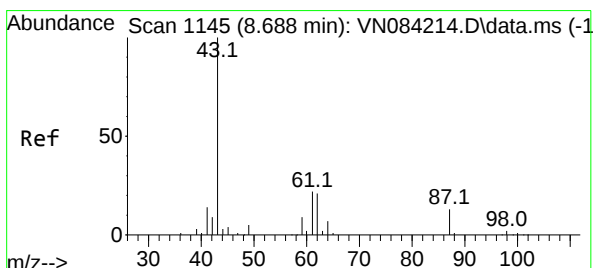
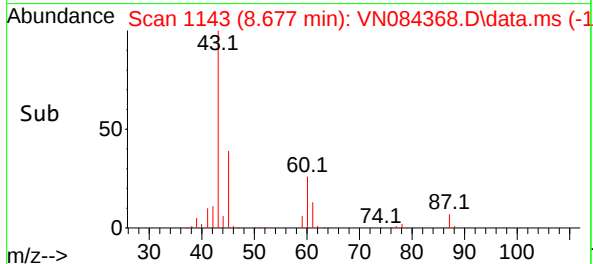
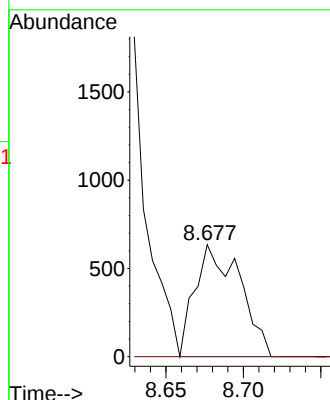
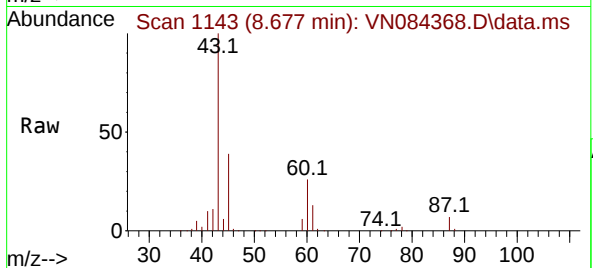
ClientSampleId :

Tgt Ion: 62 Resp: 1280

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 28.820 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

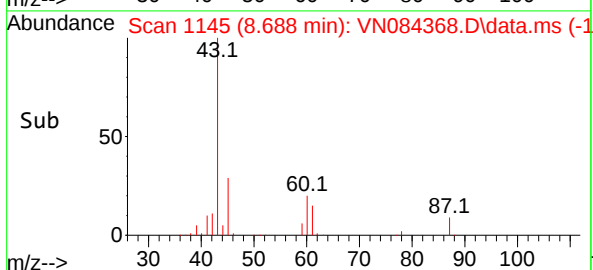
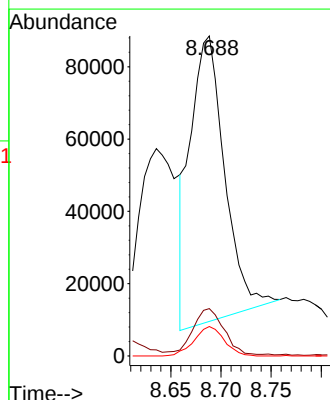
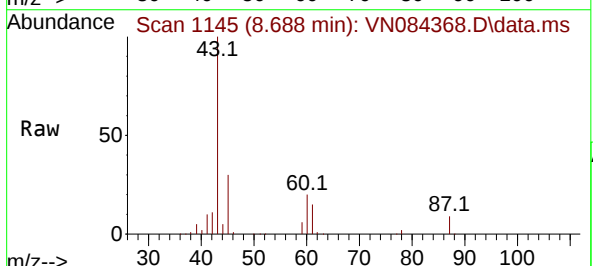
Tgt Ion: 43 Resp: 188204

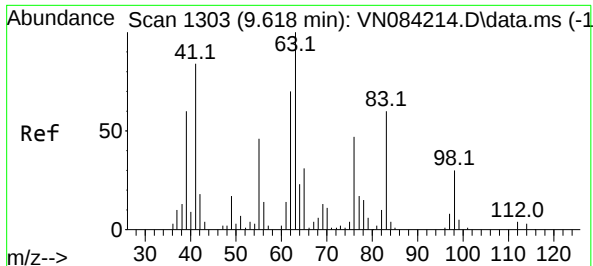
Ion Ratio Lower Upper

43 100

61 15.7 20.4 30.6#

87 9.0 10.3 15.5#





#45

1,2-Dichloropropane

Concen: 0.603 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.124 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

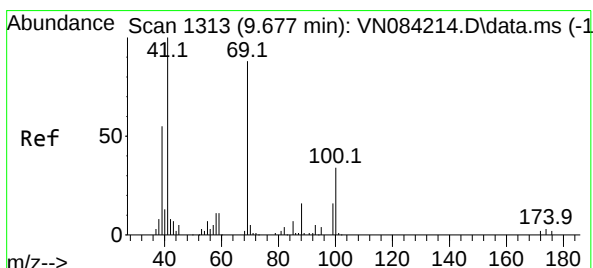
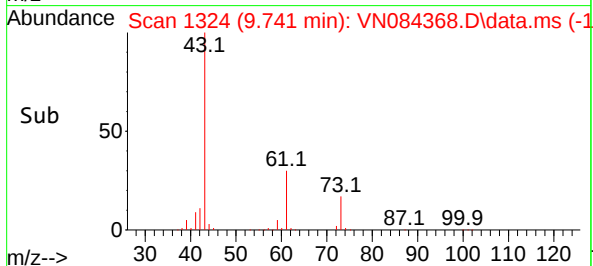
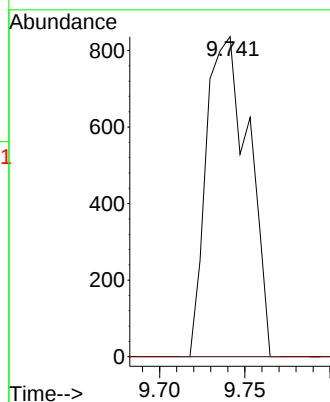
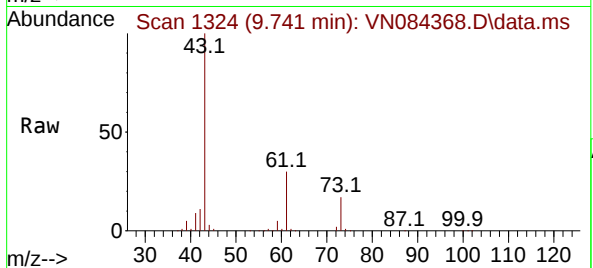
ClientSampleId :

Tgt Ion: 63 Resp: 1444

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#



#48

Methyl methacrylate

Concen: 1.508 ug/l

RT: 9.647 min Scan# 1308

Delta R.T. -0.029 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

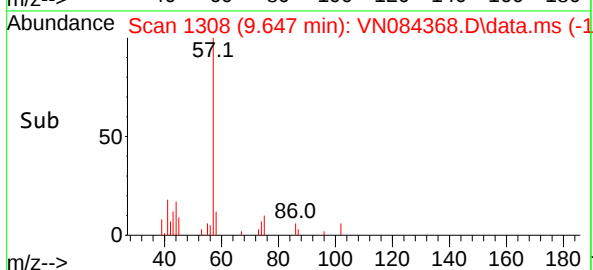
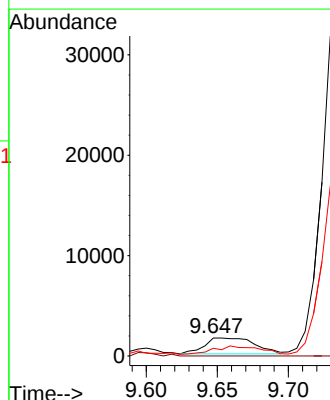
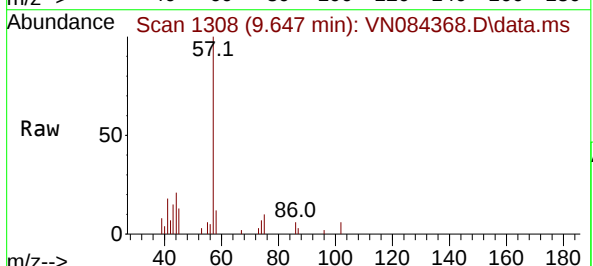
Tgt Ion: 41 Resp: 3921

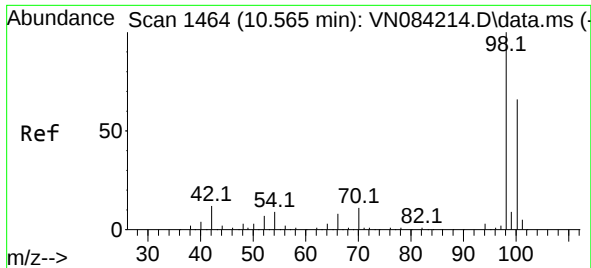
Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 66.1 45.8 68.6

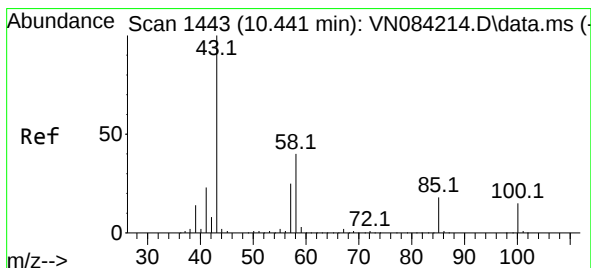
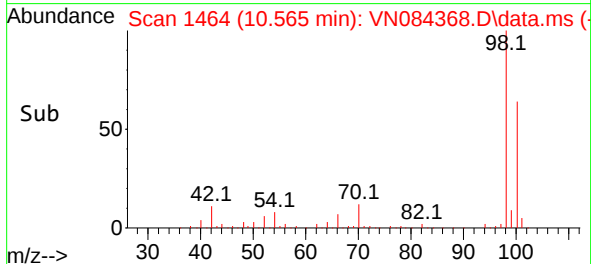
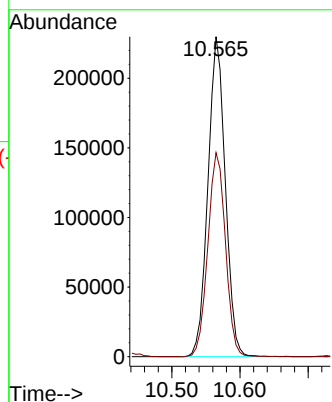
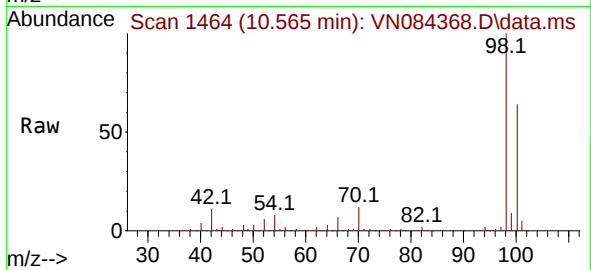




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

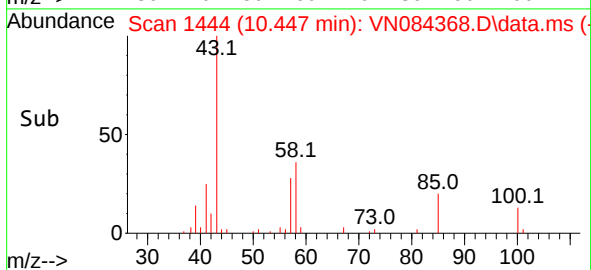
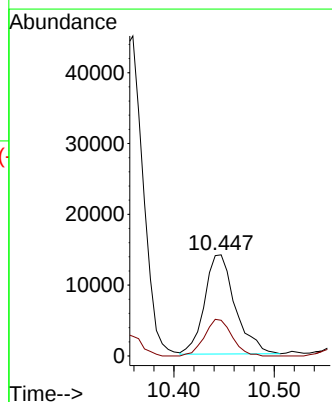
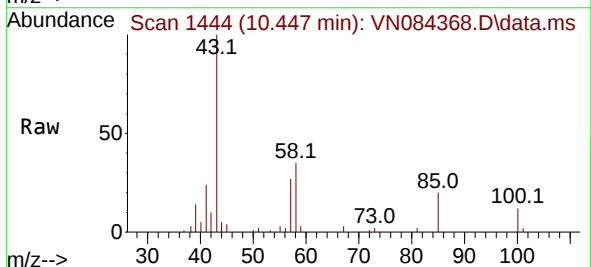
Instrument :
MSVOA_N
ClientSampleId :

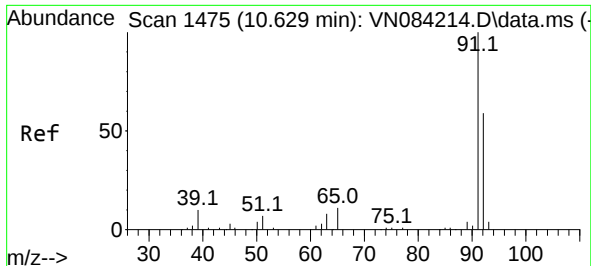
Tgt Ion: 98 Resp: 406968
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 9.378 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 43 Resp: 29765
Ion Ratio Lower Upper
43 100
58 33.2 31.6 47.4

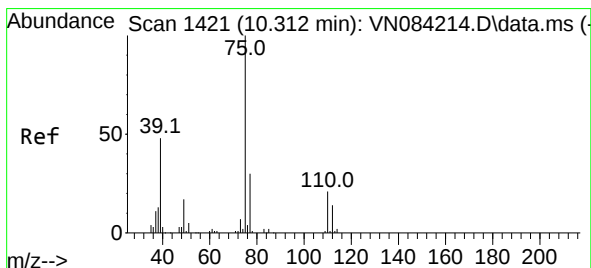
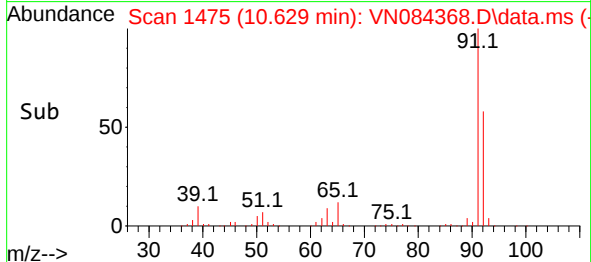
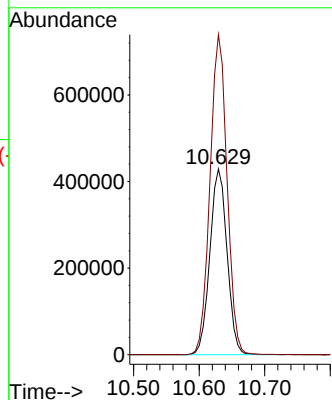
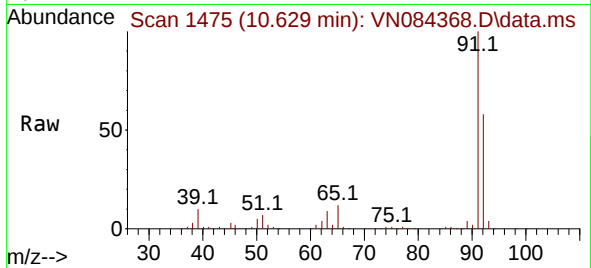




#52
Toluene
Concen: 126.307 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

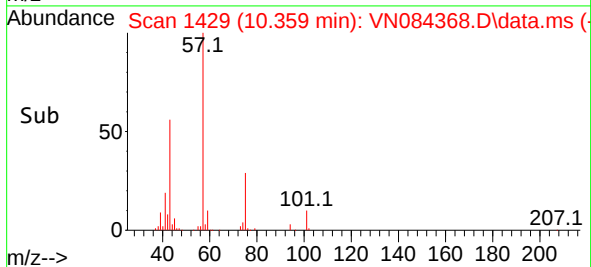
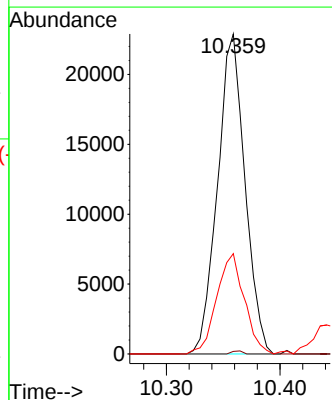
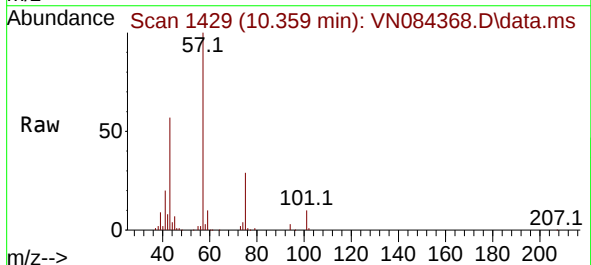
Instrument :
MSVOA_N
ClientSampleId :

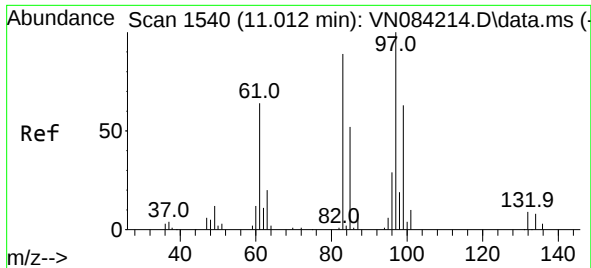
Tgt Ion: 92 Resp: 779874
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9



#54
cis-1,3-Dichloropropene
Concen: 9.736 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.047 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

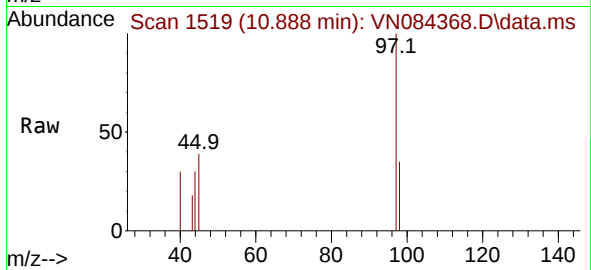
Tgt Ion: 75 Resp: 38334
Ion Ratio Lower Upper
75 100
77 0.8 24.2 36.2#
39 31.4 38.7 58.1#



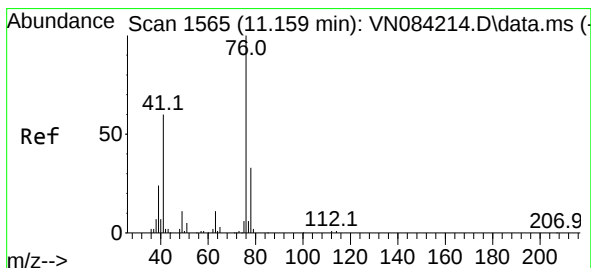
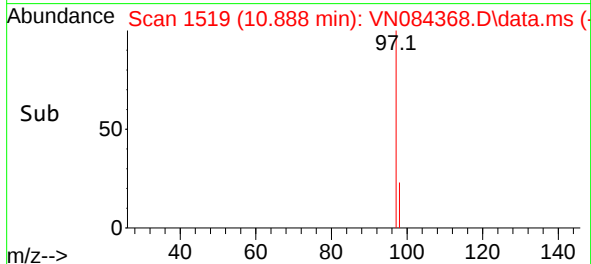
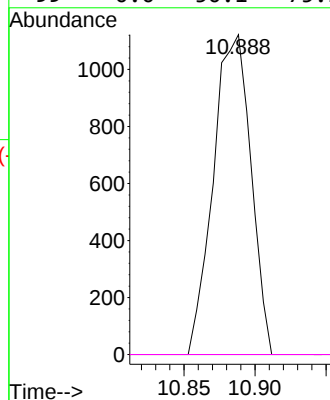


#55
1,1,2-Trichloroethane
Concen: 0.932 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. -0.123 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :

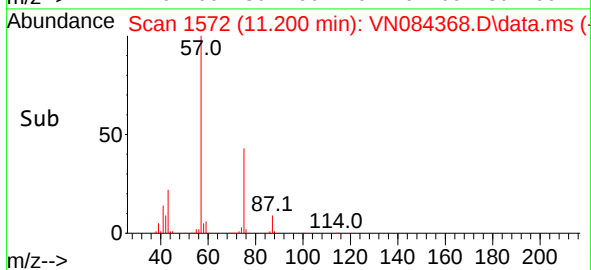
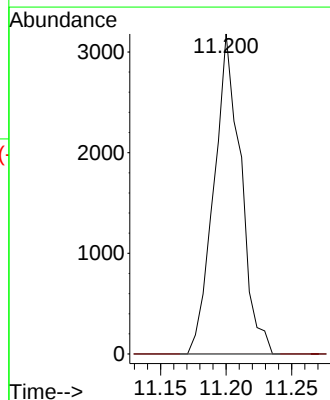
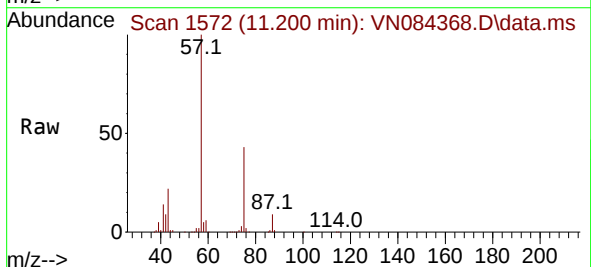


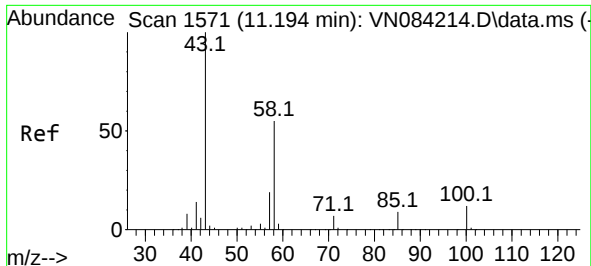
Tgt Ion: 97 Resp: 2064
Ion Ratio Lower Upper
97 100
83 0.0 71.0 106.4#
85 0.0 41.7 62.5#
99 0.0 50.1 75.1#



#57
1,3-Dichloropropane
Concen: 1.146 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 76 Resp: 4532
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

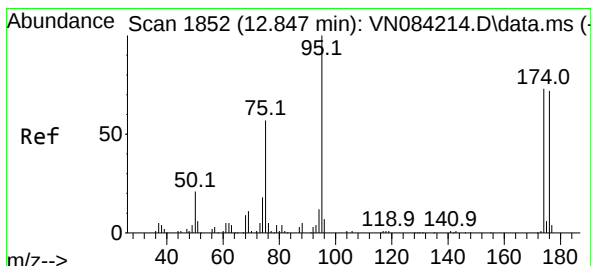
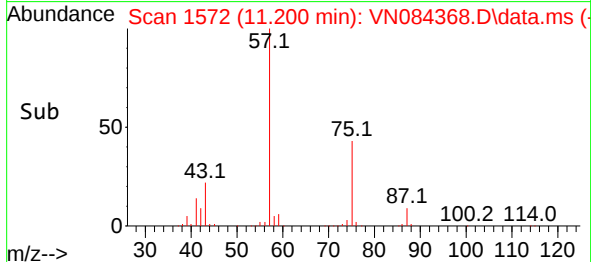
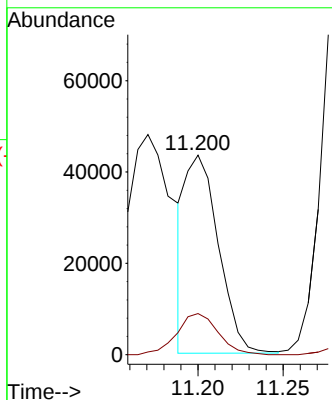
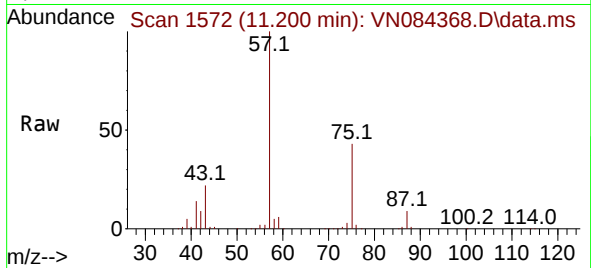




#59
2-Hexanone
Concen: 24.682 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

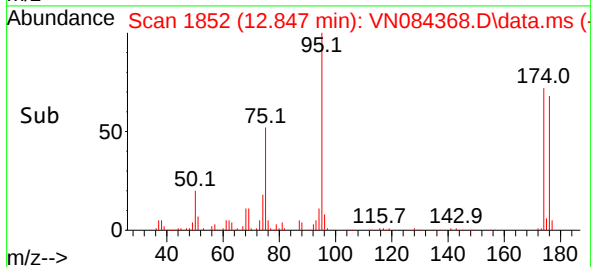
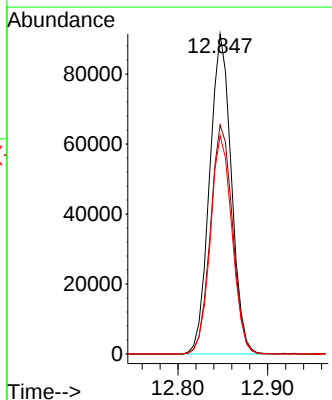
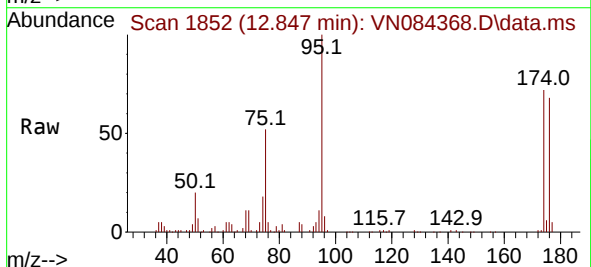
Instrument :
MSVOA_N
ClientSampleId :

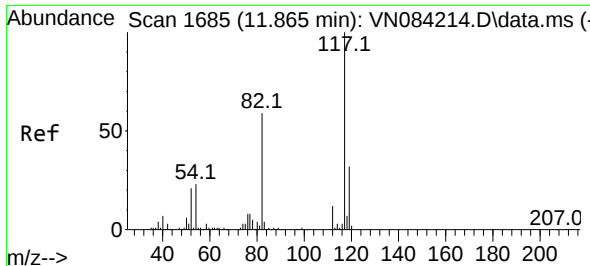
Tgt Ion: 43 Resp: 58551
Ion Ratio Lower Upper
43 100
58 26.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 51.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 95 Resp: 153590
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 68.3 0.0 140.0

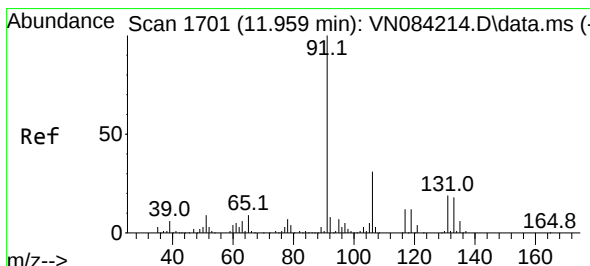
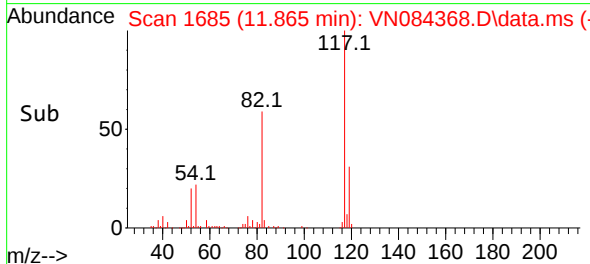
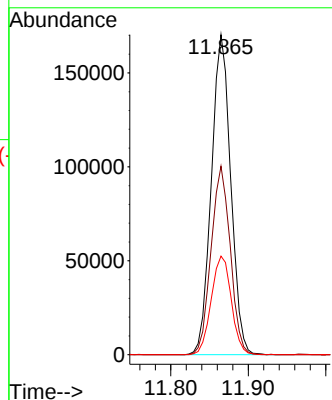
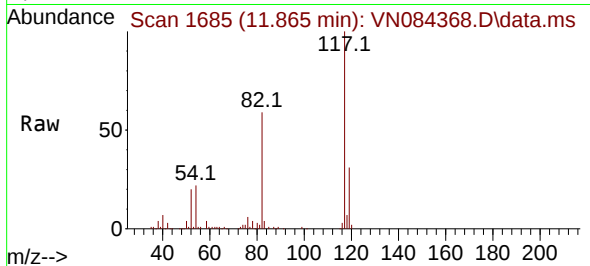




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

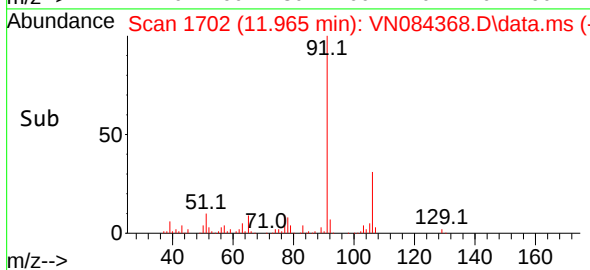
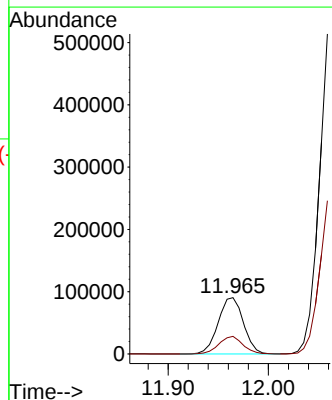
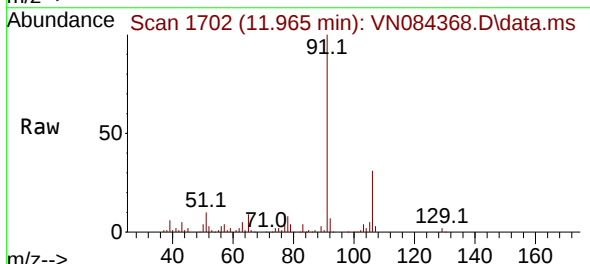
Instrument :
MSVOA_N
ClientSampleId :

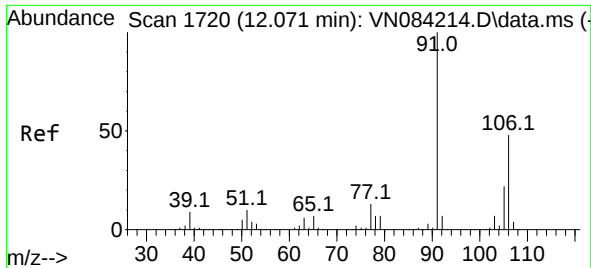
Tgt Ion:117 Resp: 295698
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 30.8 25.4 38.0



#67
Ethyl Benzene
Concen: 13.623 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 91 Resp: 157960
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

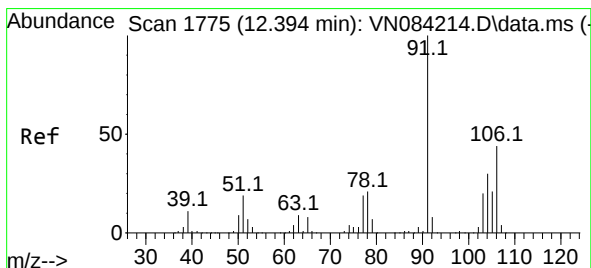
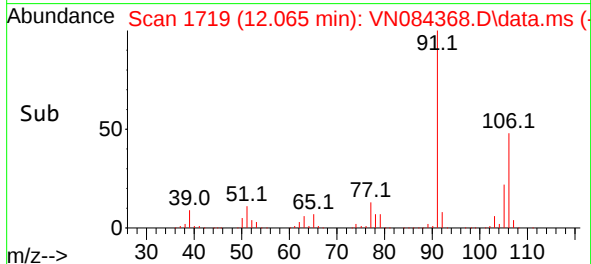
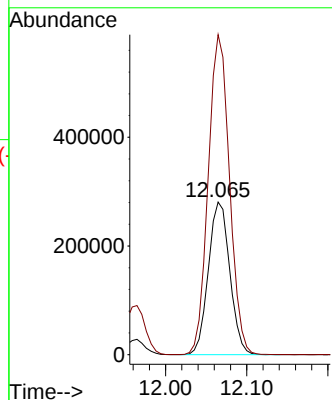
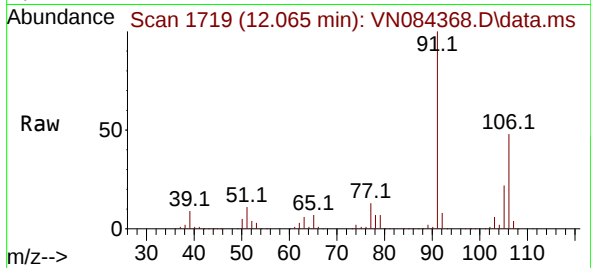




#68
m/p-Xylenes
Concen: 120.137 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

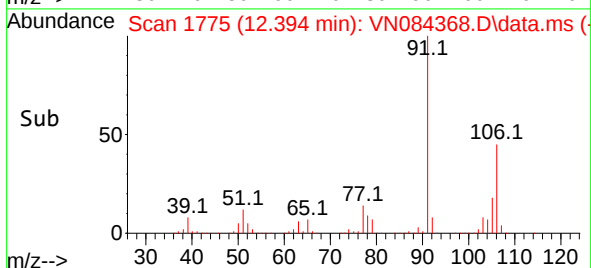
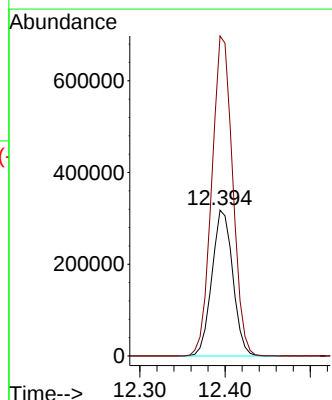
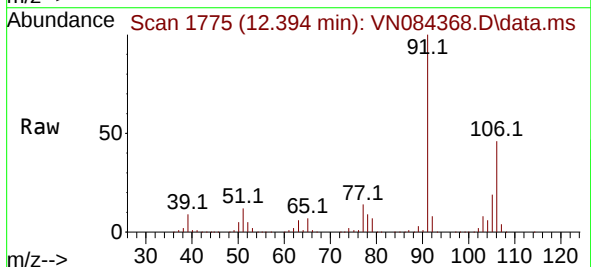
Instrument :
MSVOA_N
ClientSampleId :

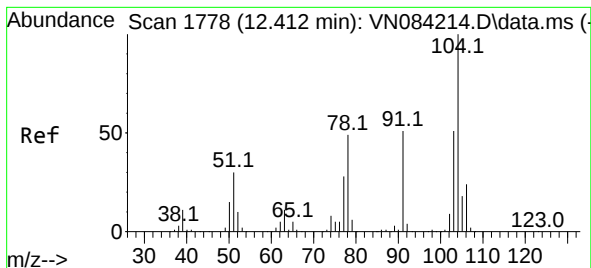
Tgt Ion:106 Resp: 515261
Ion Ratio Lower Upper
106 100
91 208.1 167.1 250.7



#69
o-Xylene
Concen: 133.024 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion:106 Resp: 539792
Ion Ratio Lower Upper
106 100
91 220.0 110.2 330.6





#70

Styrene

Concen: 24.637 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

ClientSampleId :

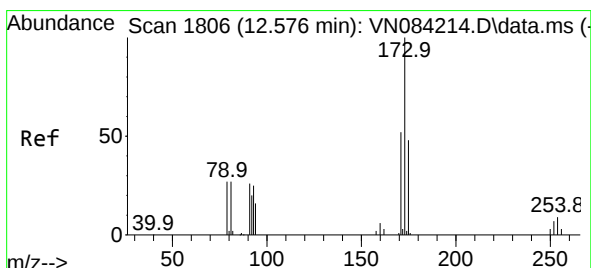
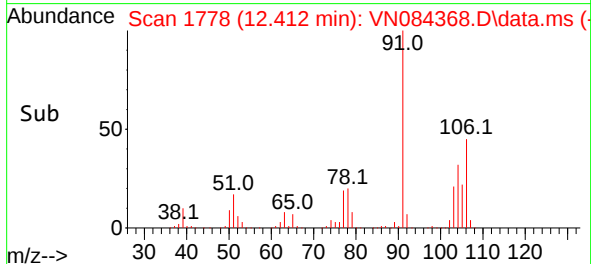
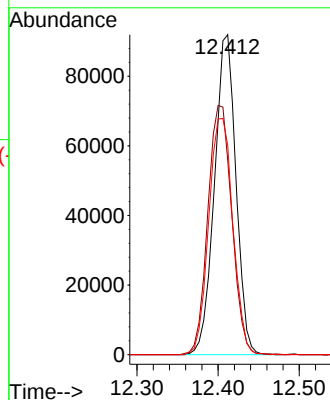
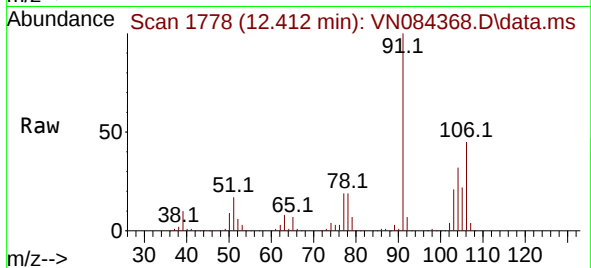
Tgt Ion:104 Resp: 169338

Ion Ratio Lower Upper

104 100

78 86.6 42.7 64.1#

103 83.0 43.6 65.4#



#71

Bromoform

Concen: 0.361 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

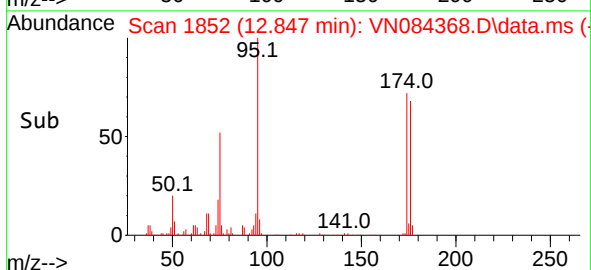
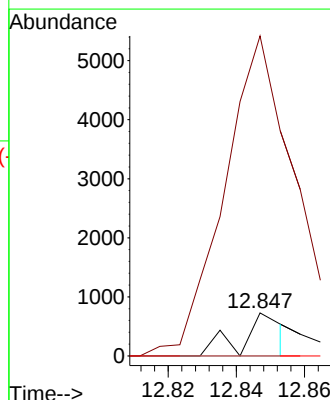
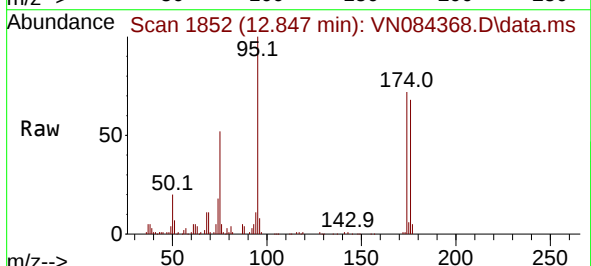
Tgt Ion:173 Resp: 601

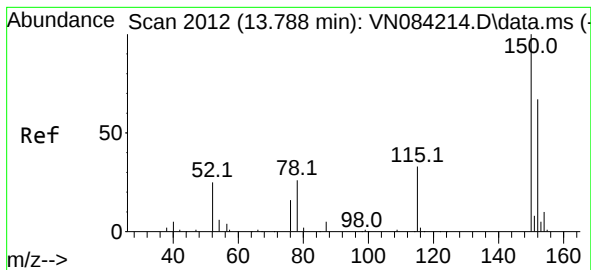
Ion Ratio Lower Upper

173 100

175 1030.0 23.5 70.6#

254 0.0 0.0 0.0

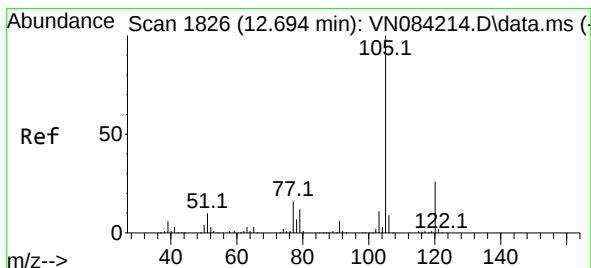
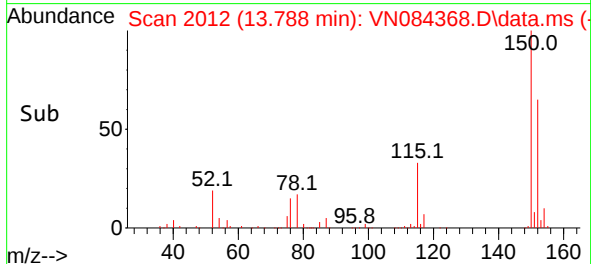
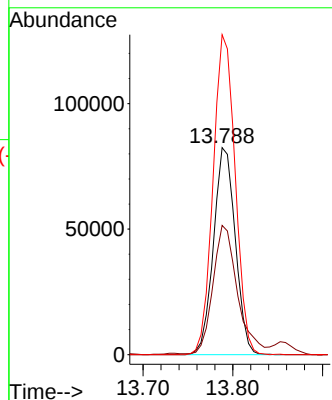
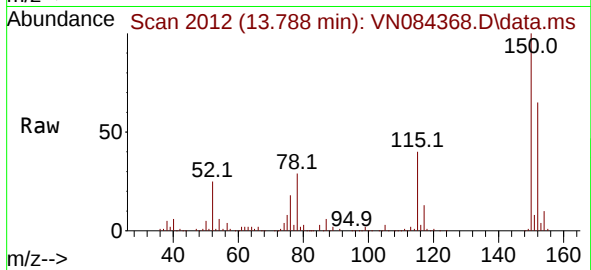




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

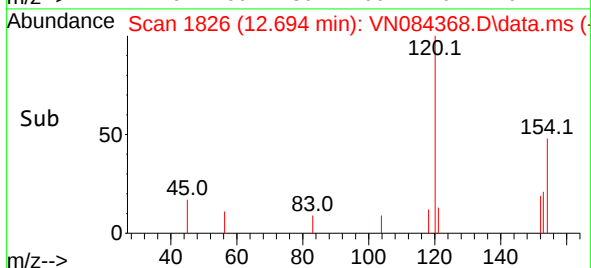
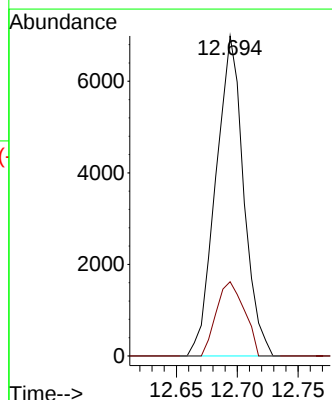
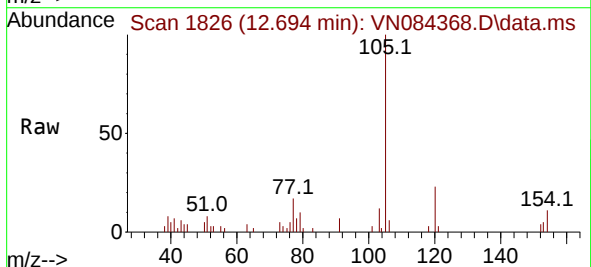
Instrument :
MSVOA_N
ClientSampleId :

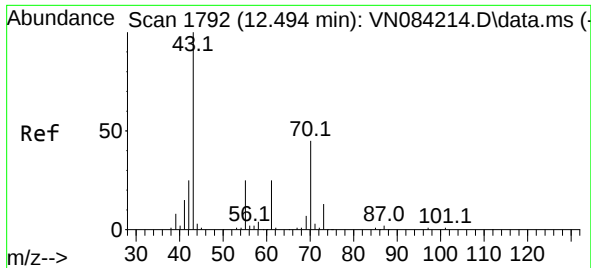
Tgt Ion:152 Resp: 139378
Ion Ratio Lower Upper
152 100
115 69.2 31.3 93.9
150 156.4 0.0 349.8



#73
Isopropylbenzene
Concen: 1.047 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion:105 Resp: 11136
Ion Ratio Lower Upper
105 100
120 23.3 12.9 38.7

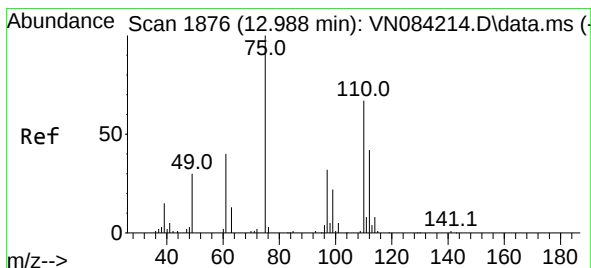
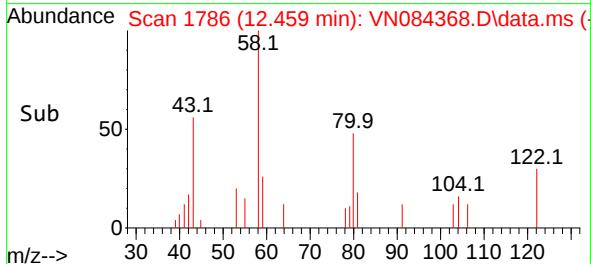
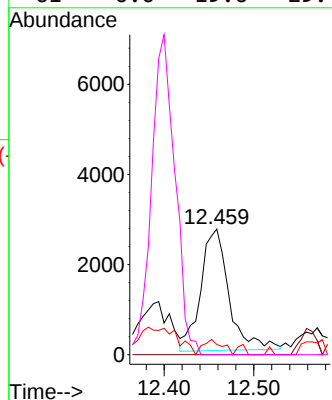
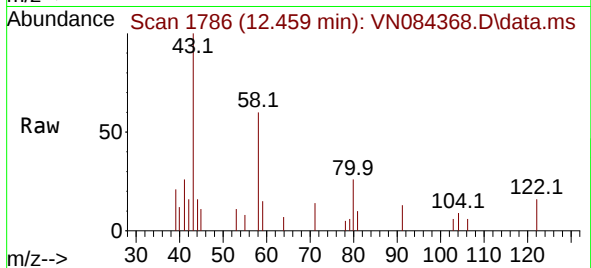




#74
N-amy1 acetate
Concen: 1.224 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

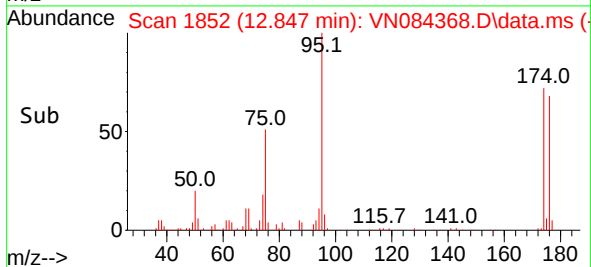
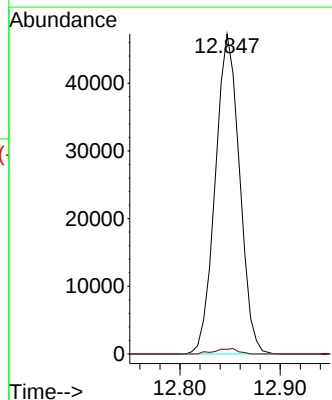
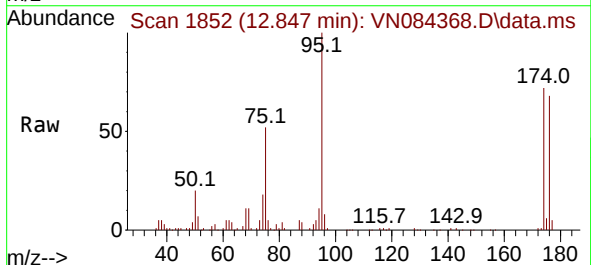
Instrument :
MSVOA_N
ClientSampleId :

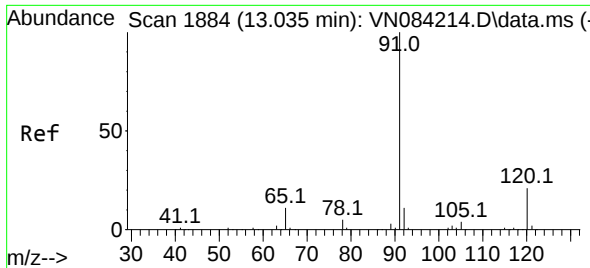
Tgt Ion: 43	Resp: 5895
Ion Ratio	Lower Upper
43	100
70	0.0 34.4 51.6#
55	8.5 19.6 29.4#
61	0.0 19.6 29.4#



#76
1,2,3-Trichloropropane
Concen: 27.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 75	Resp: 79394
Ion Ratio	Lower Upper
75	100
77	1.6 96.9 290.7#

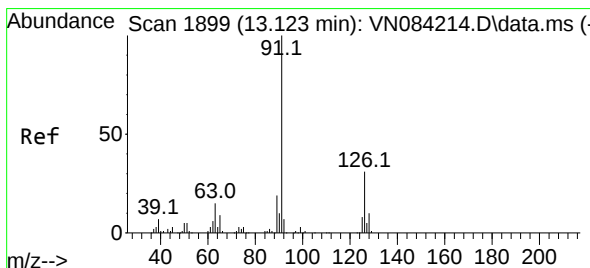
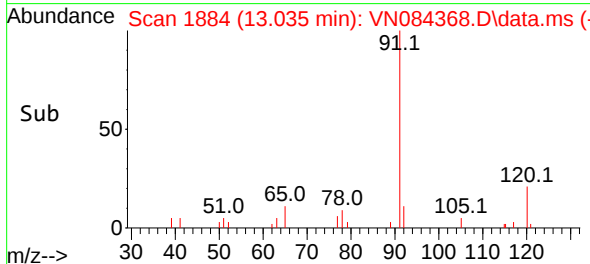
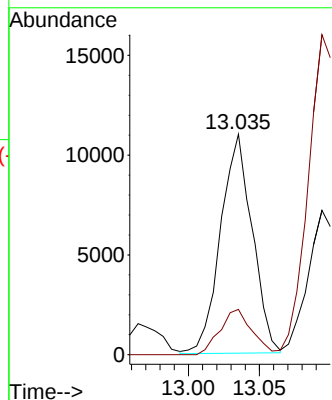
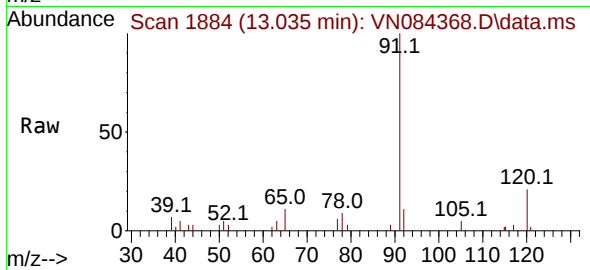




#78
n-propylbenzene
Concen: 1.381 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

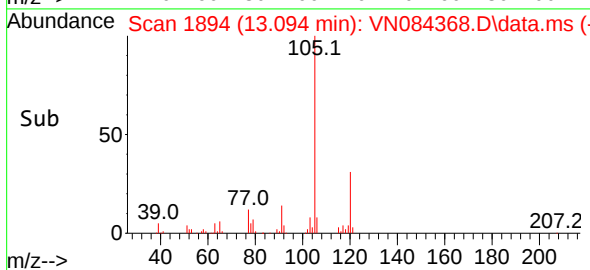
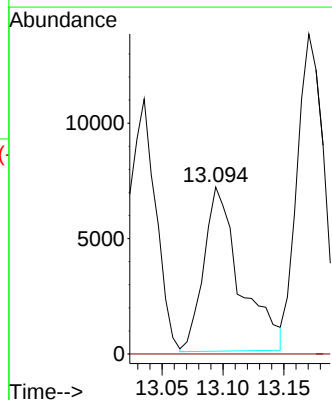
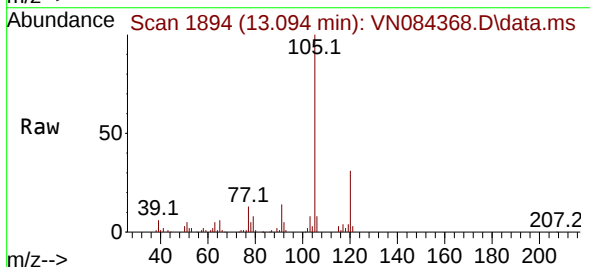
Instrument :
MSVOA_N
ClientSampleId :

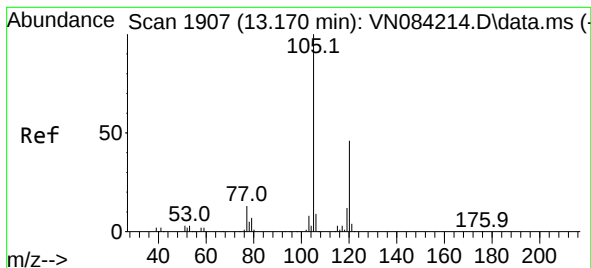
Tgt Ion: 91 Resp: 17023
Ion Ratio Lower Upper
91 100
120 20.8 10.8 32.4



#79
2-Chlorotoluene
Concen: 1.890 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 91 Resp: 14864
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#





#80

1,3,5-Trimethylbenzene

Concen: 22.790 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

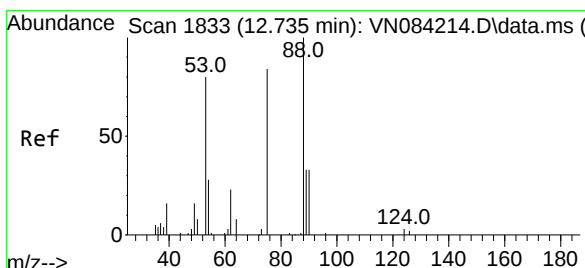
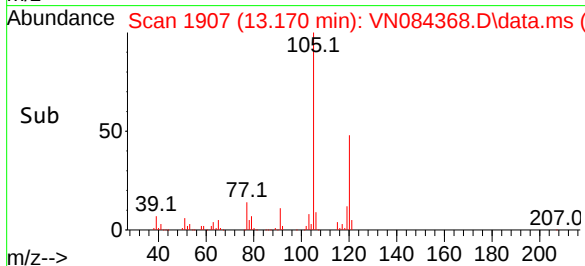
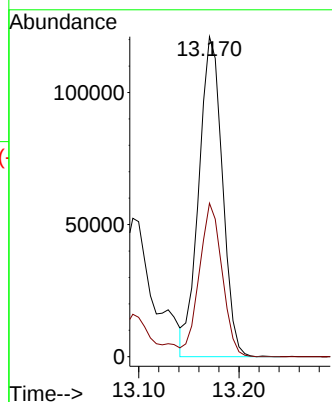
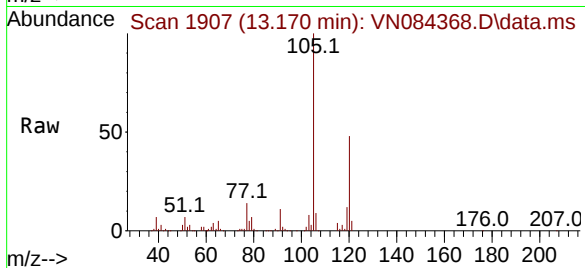
ClientSampleId :

Tgt Ion:105 Resp: 197717

Ion Ratio Lower Upper

105 100

120 46.6 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 66.894 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

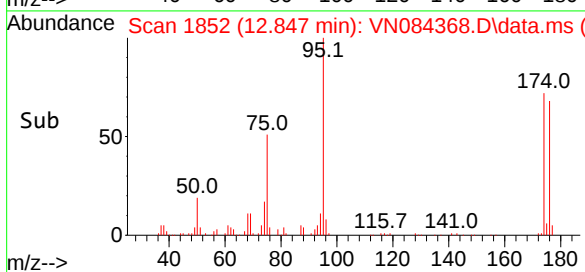
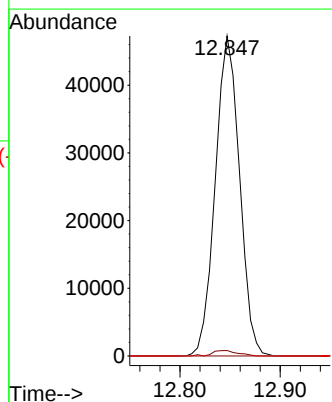
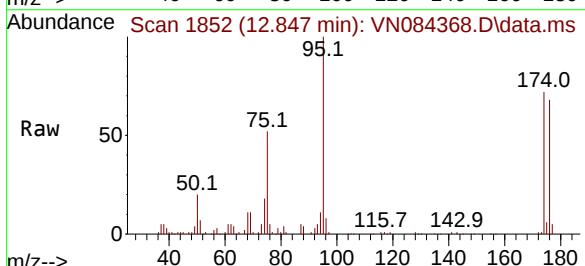
Tgt Ion: 75 Resp: 79394

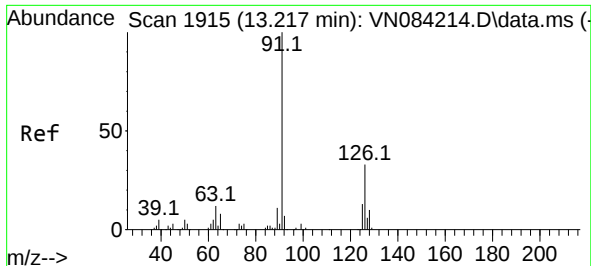
Ion Ratio Lower Upper

75 100

53 1.8 78.0 117.0#

89 0.0 35.5 53.3#

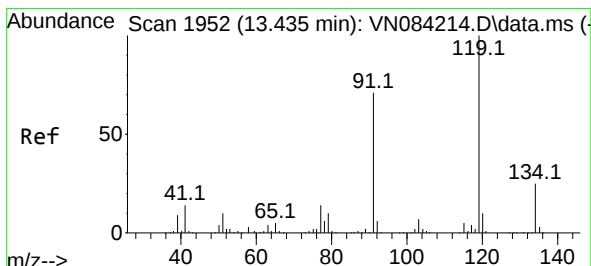
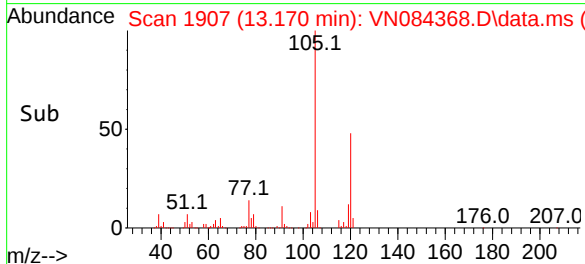
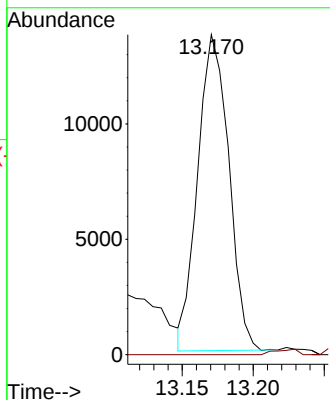
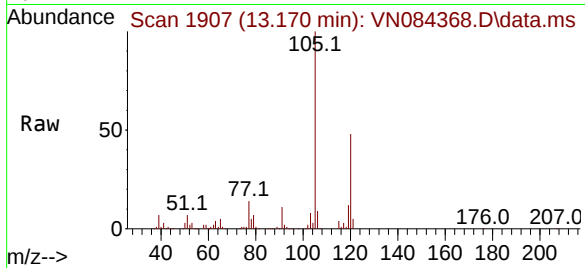




#82
4-Chlorotoluene
Concen: 2.631 ug/l
RT: 13.170 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

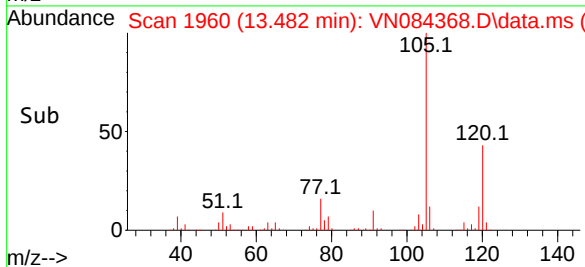
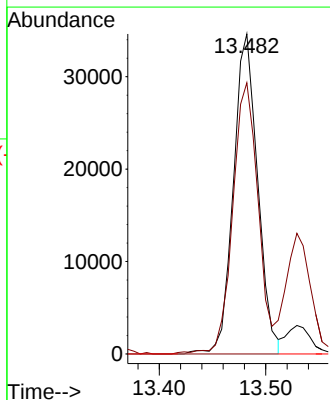
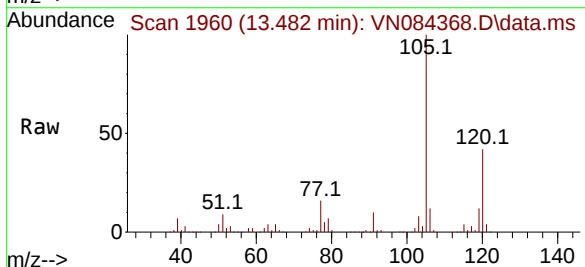
Instrument :
MSVOA_N
ClientSampleId :

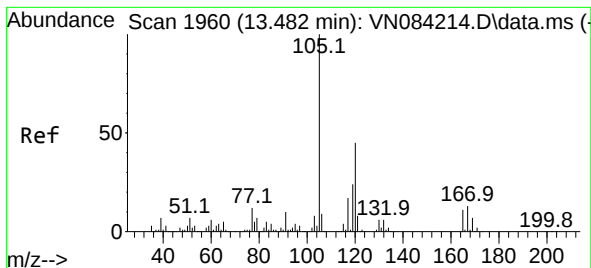
Tgt Ion: 91 Resp: 20826
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#83
tert-Butylbenzene
Concen: 7.106 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 119 Resp: 54793
Ion Ratio Lower Upper
119 100
91 88.3 34.1 102.3
134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 57.881 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

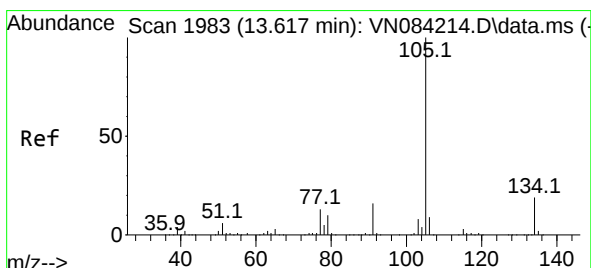
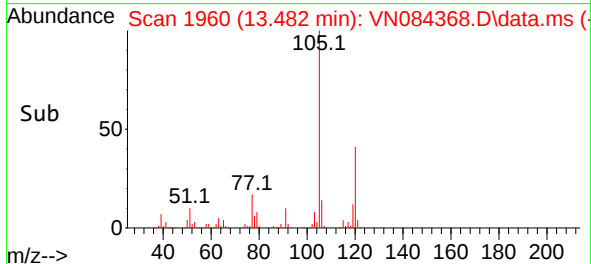
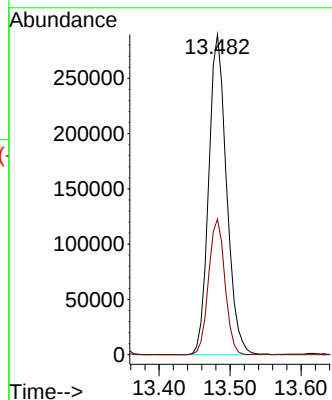
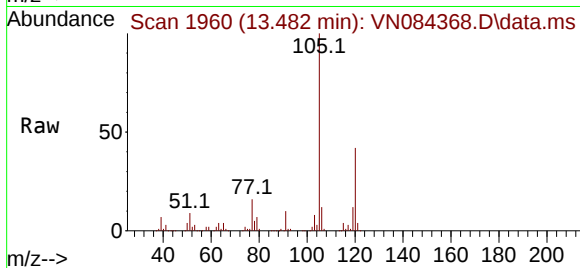
ClientSampleId :

Tgt Ion:105 Resp: 505876

Ion Ratio Lower Upper

105 100

120 38.8 22.3 66.8



#85

sec-Butylbenzene

Concen: 49.163 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN084368.D

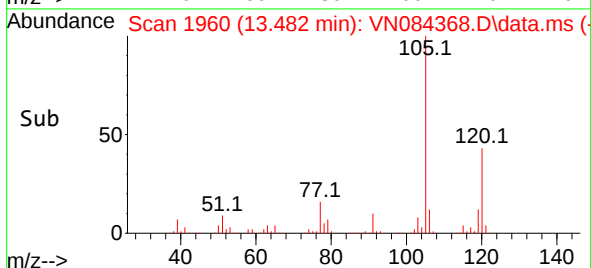
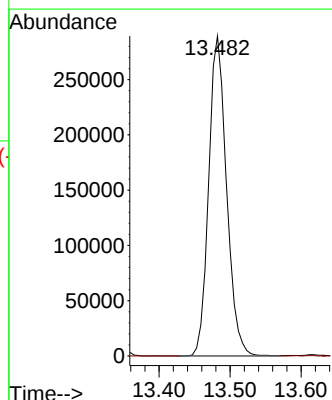
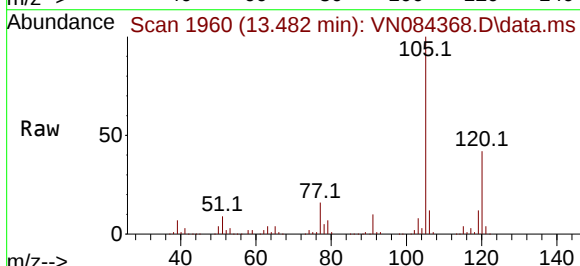
Acq: 09 Oct 2024 15:32

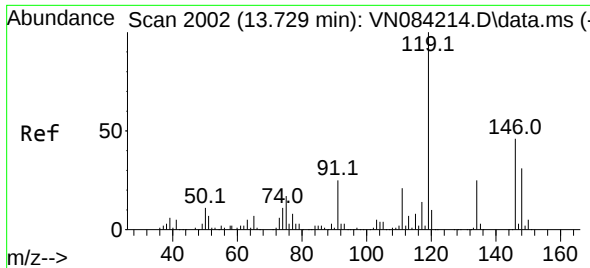
Tgt Ion:105 Resp: 505876

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#

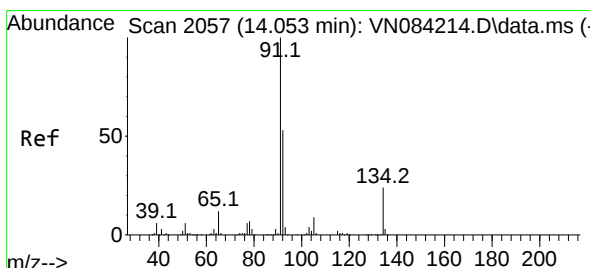
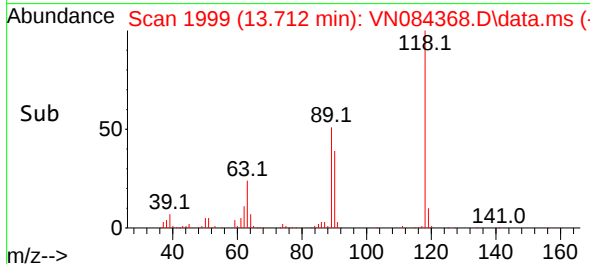
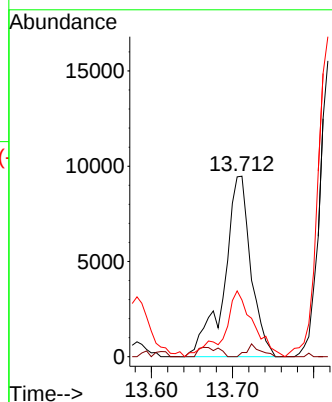
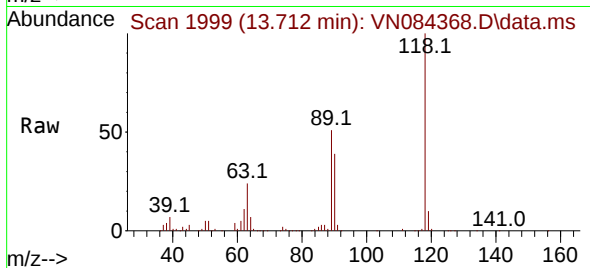




#86
p-Isopropyltoluene
Concen: 2.538 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

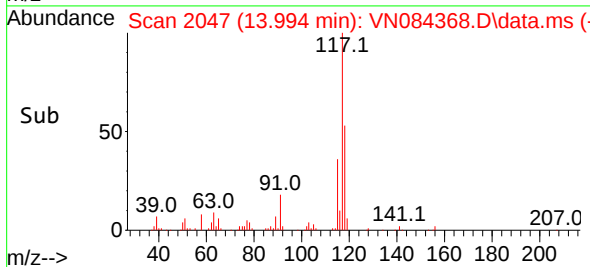
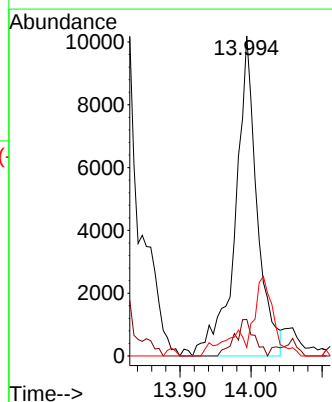
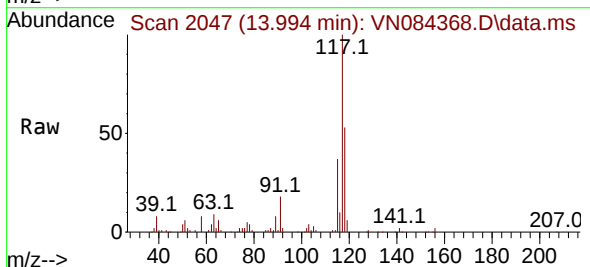
Instrument :
MSVOA_N
ClientSampleId :

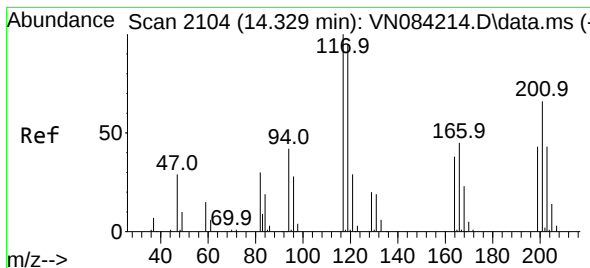
Tgt Ion:119 Resp: 21592
Ion Ratio Lower Upper
119 100
134 3.5 12.6 37.8#
91 39.4 12.4 37.2#



#89
n-Butylbenzene
Concen: 2.823 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Tgt Ion: 91 Resp: 21778
Ion Ratio Lower Upper
91 100
92 10.0 26.6 79.7#
134 8.3 12.3 36.9#





#90

Hexachloroethane

Concen: 5.100 ug/l

RT: 14.447 min Scan# 2104

Delta R.T. 0.118 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

Instrument :

MSVOA_N

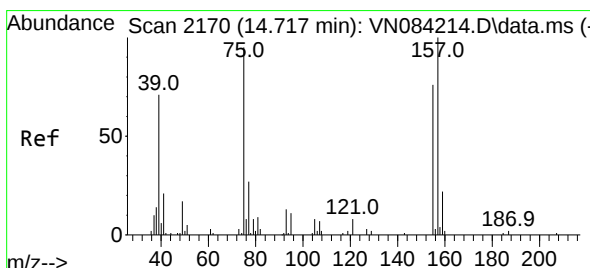
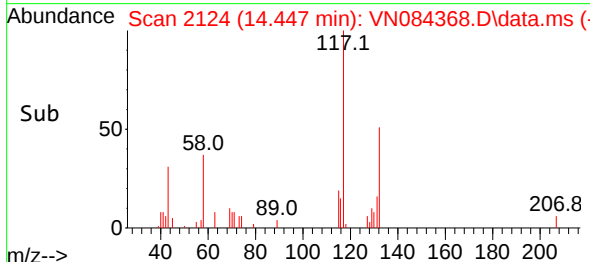
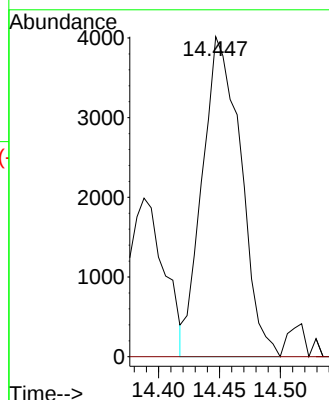
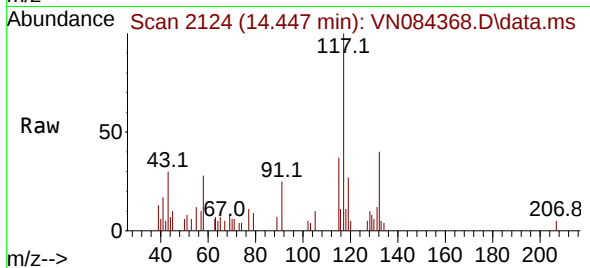
ClientSampleId :

Tgt Ion:117 Resp: 8809

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.508 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN084368.D

Acq: 09 Oct 2024 15:32

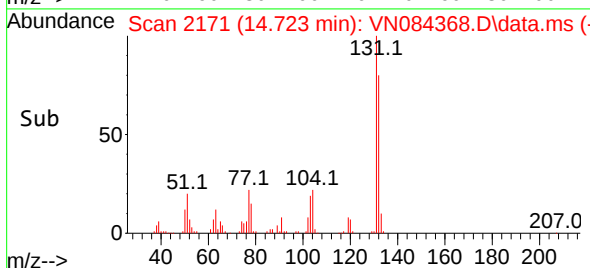
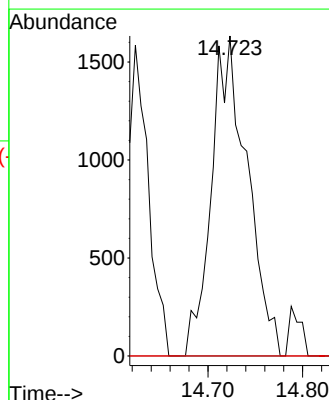
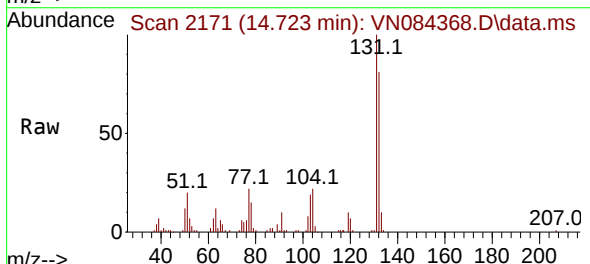
Tgt Ion: 75 Resp: 4295

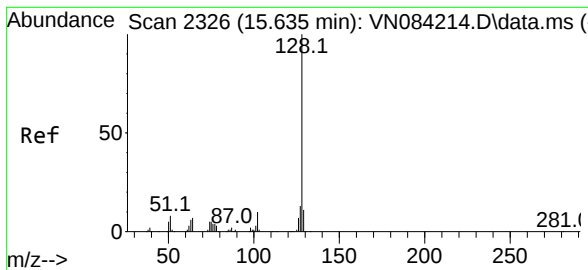
Ion Ratio Lower Upper

75 100

155 0.0 38.1 114.5#

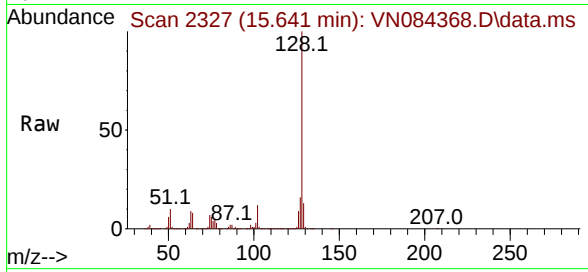
157 0.0 49.6 149.0#





#95
Naphthalene
Concen: 2350.475 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084368.D
Acq: 09 Oct 2024 15:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp:18112752

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	11.8	8.7	13.1

