

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083876.D
 Acq On : 13 Sep 2024 17:43
 Operator : JC\MD
 Sample : P3956-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 13 23:54:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	26042	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	145182	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	136130	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72272	30.361	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.200%
60) 4-Bromofluorobenzene	12.847	95	69781	29.742	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.133%
63) Toluene-d8	10.565	98	185002	29.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.833%
Target Compounds						
					Qvalue	
6) Chloroethane	3.089	64	472	0.378	ug/l #	41
12) Methyl Acetate	5.036	43	6729	3.447	ug/l #	81
15) Acetone	4.424	58	215718	823.231	ug/l #	59
16) Carbon Disulfide	4.706	76	998	0.218	ug/l #	78
23) tert-Butyl Alcohol	5.530	59	24808	85.582	ug/l #	100
25) Chloroform	7.965	83	10982	3.166	ug/l	98
30) 2-Butanone	7.483	43	216020	199.004	ug/l	93
35) Methacrylonitrile	7.783	41	32850	26.920	ug/l #	44
36) 1,2-Dichloroethane	9.100	62	5958	2.294	ug/l #	72
38) Methylcyclohexane	9.835	83	19005	6.893	ug/l #	1
39) 1,2-Dichloropropane	9.830	63	779	0.468	ug/l #	1
41) Bromodichloromethane	9.888	83	1918	0.742	ug/l #	68
45) 1,4-Dioxane	9.694	88	53778	1824.550	ug/l #	96
46) Methyl methacrylate	9.688	41	1409	0.770	ug/l #	38
47) n-amyl Acetate	12.506	43	46729	13.960	ug/l #	1
48) t-1,3-Dichloropropene	10.882	75	26545	9.760	ug/l #	45
51) Ethyl methacrylate	10.477	69	1404	0.531	ug/l	88
52) 1,3-Dichloropropane	10.882	76	795	0.285	ug/l #	42
53) Dibromochloromethane	11.306	129	780	0.420	ug/l #	10
55) 2-Chloroethyl vinyl ether	9.912	63	226	0.215	ug/l #	1
56) Bromoform	12.847	173	585	0.496	ug/l #	1
58) 4-Methyl-2-Pentanone	10.447	43	38746	17.950	ug/l #	88
59) 2-Hexanone	11.194	43	73206	44.884	ug/l #	85
62) Toluene	10.629	91	28110	3.593	ug/l	98
66) Ethyl Benzene	11.965	91	3024	0.340	ug/l #	79
67) m/p-Xylenes	12.076	106	14806	4.523	ug/l	99
68) o-Xylene	12.394	106	1832	0.578	ug/l	72
69) Styrene	12.418	104	1284	0.240	ug/l #	76
70) Isopropylbenzene	12.700	105	3209	0.384	ug/l #	84
71) 1,1,2,2-Tetrachloroethane	12.929	83	12454	5.454	ug/l #	37
72) 1,2,3-Trichloropropane	12.853	75	38843	19.400	ug/l	1
74) n-propylbenzene	13.029	91	2149	0.220	ug/l	85
75) 2-Chlorotoluene	13.412	91	1322	0.216	ug/l	56
76) 1,3,5-Trimethylbenzene	13.171	105	2838	0.406	ug/l	95
77) t-1,4-Dichloro-2-butene	12.853	75	38843	45.897	ug/l #	13
78) 4-Chlorotoluene	13.412	91	1322	0.213	ug/l	58
80) 1,2,4-Trimethylbenzene	13.482	105	9111	1.291	ug/l	96
86) Hexachloroethane	14.188	117	491	0.369	ug/l #	11
88) 1,2-Dibromo-3-Chloropr...	14.529	75	453	0.903	ug/l #	18

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Sample : P3956-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

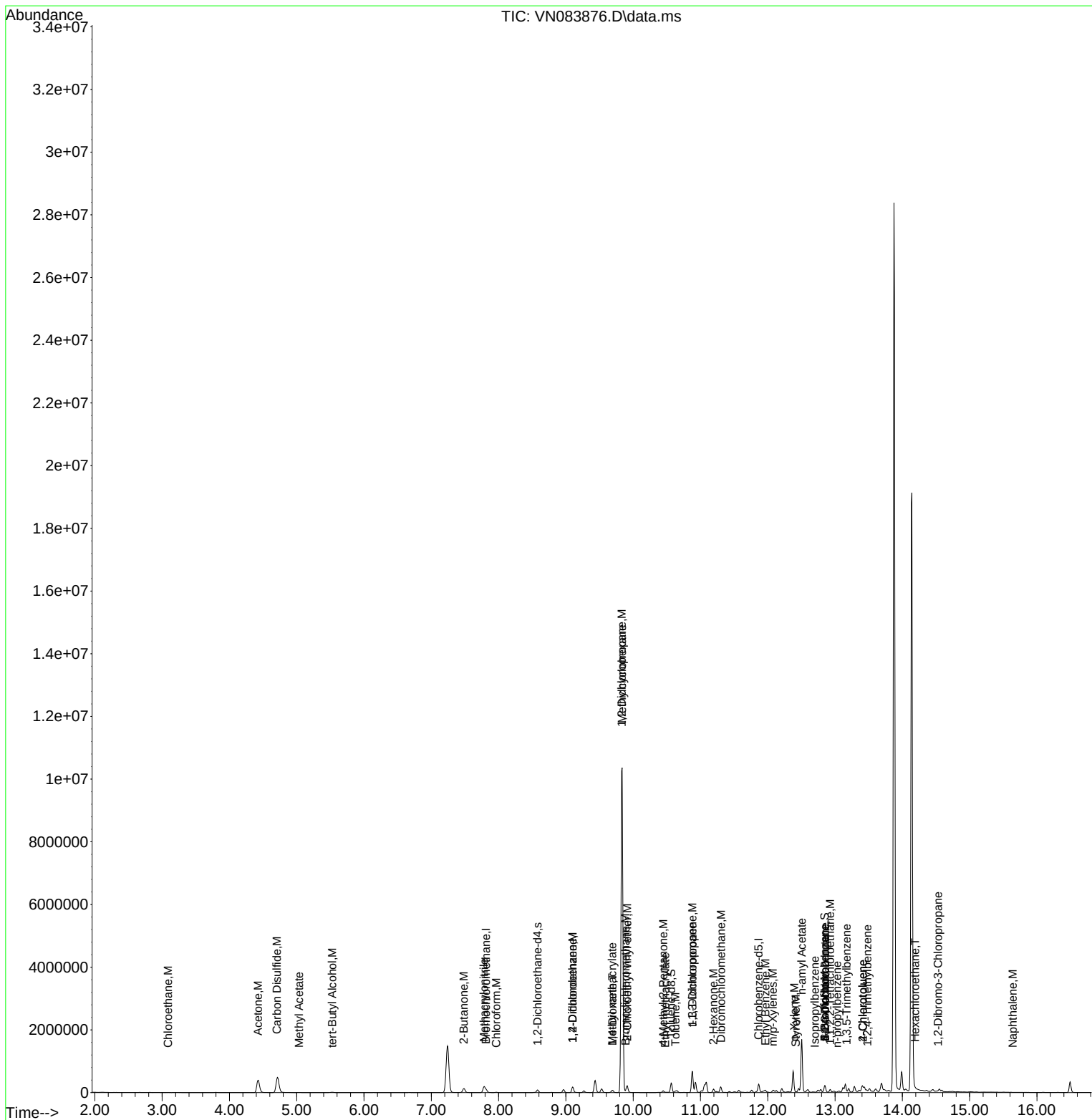
Instrument :
MSVOA_N
ClientSampleId :

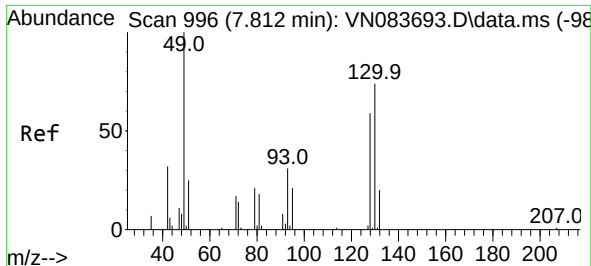
Quant Time: Sep 13 23:54:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Naphthalene	15.641	128	1878	0.292	ug/l #	78

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

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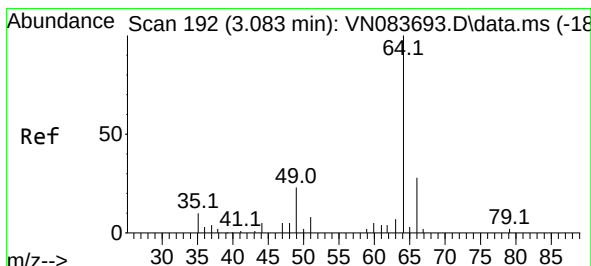
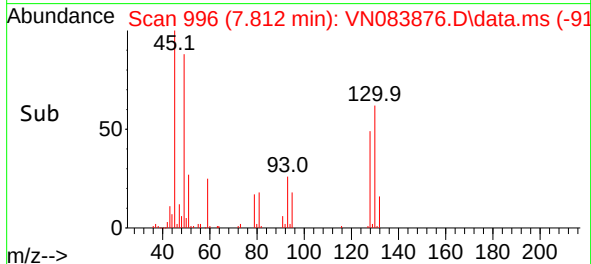
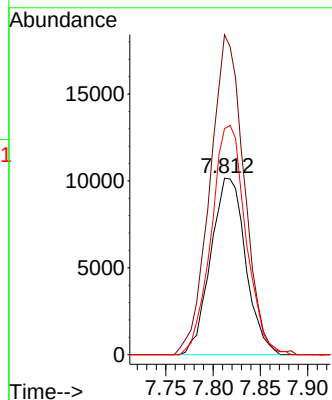
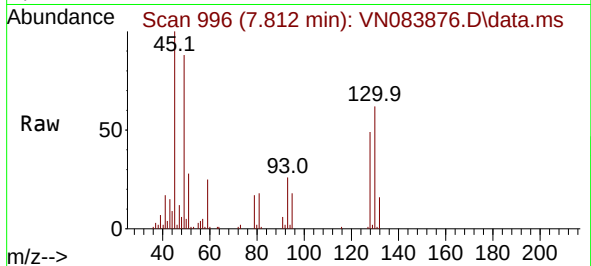




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

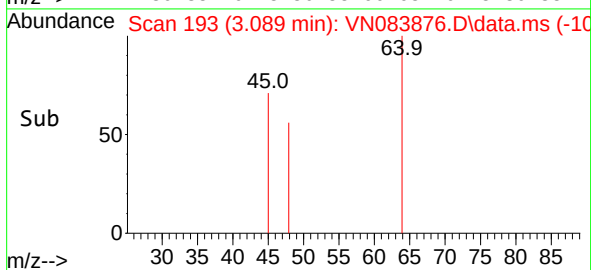
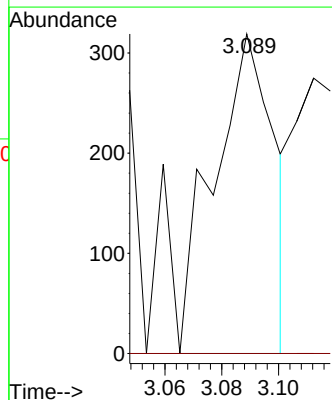
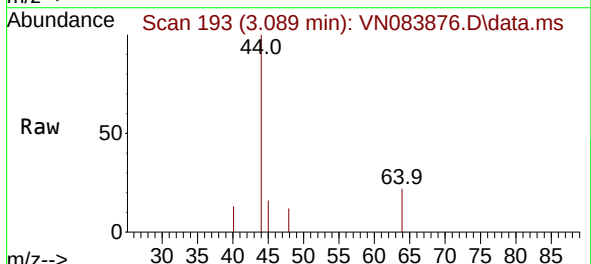
Instrument :
MSVOA_N
ClientSampleId :

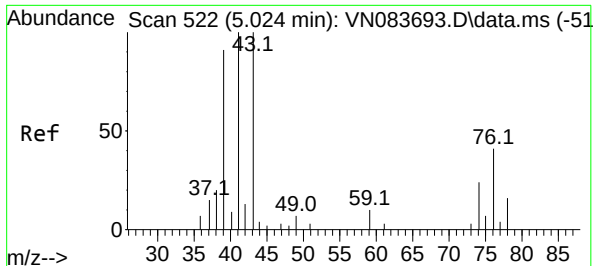
Tgt Ion:128 Resp: 26042
Ion Ratio Lower Upper
128 100
49 176.5 0.0 403.7
130 128.6 0.0 323.3



#6
Chloroethane
Concen: 0.378 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 64 Resp: 472
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#12

Methyl Acetate

Concen: 3.447 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

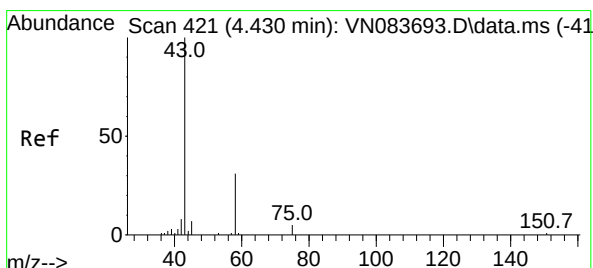
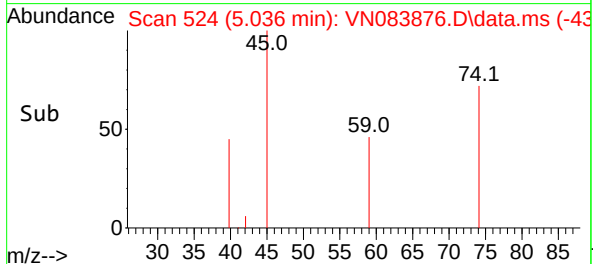
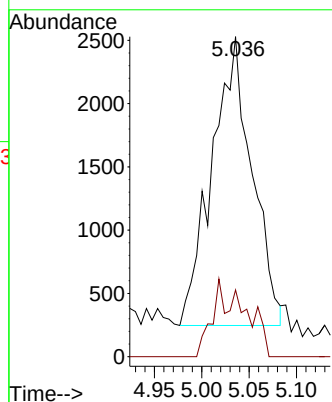
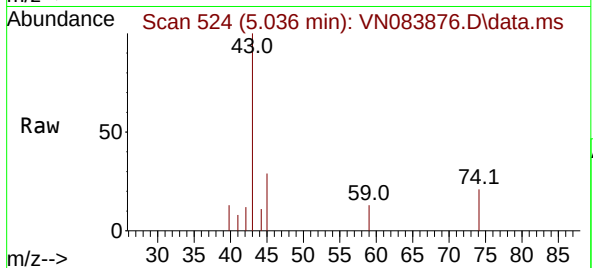
ClientSampleId :

Tgt Ion: 43 Resp: 6729

Ion Ratio Lower Upper

43 100

74 23.9 27.7 41.5#



#15

Acetone

Concen: 823.231 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.006 min

Lab File: VN083876.D

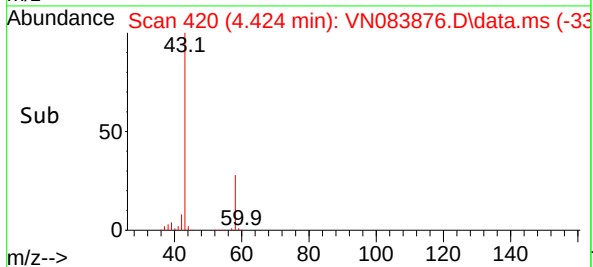
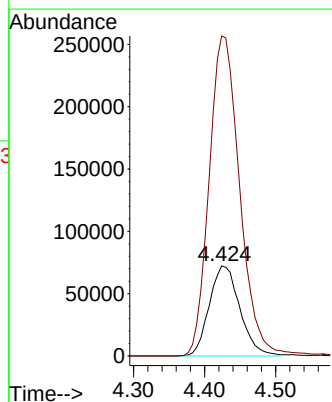
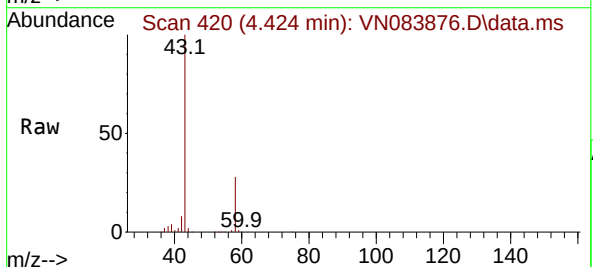
Acq: 13 Sep 2024 17:43

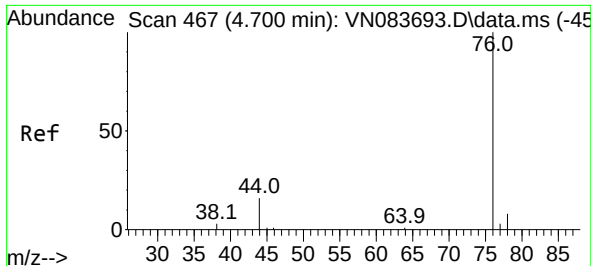
Tgt Ion: 58 Resp: 215718

Ion Ratio Lower Upper

58 100

43 354.9 223.1 334.7#

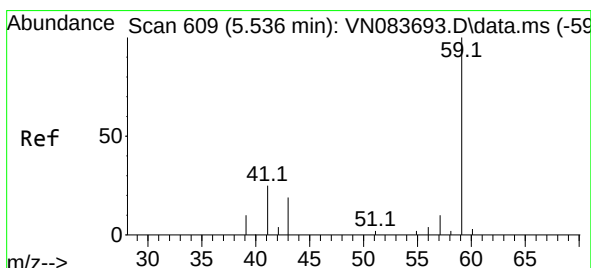
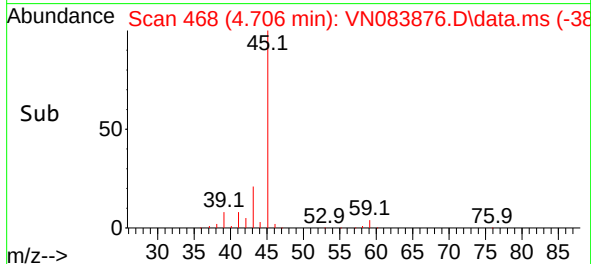
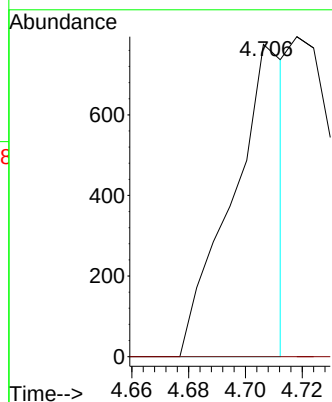
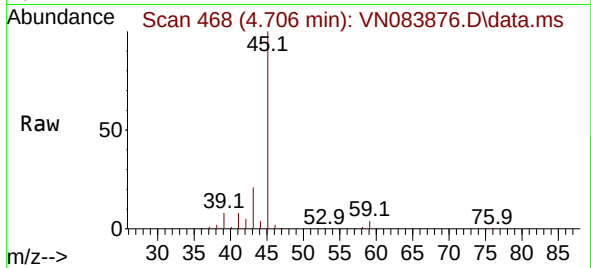




#16
Carbon Disulfide
Concen: 0.218 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

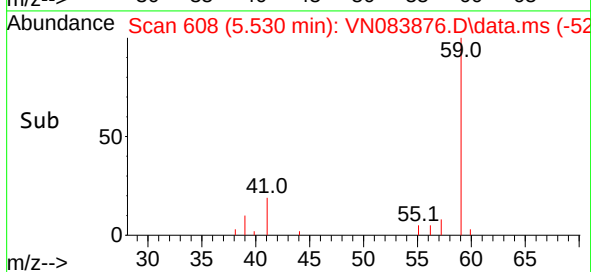
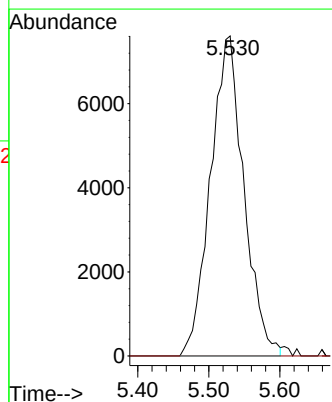
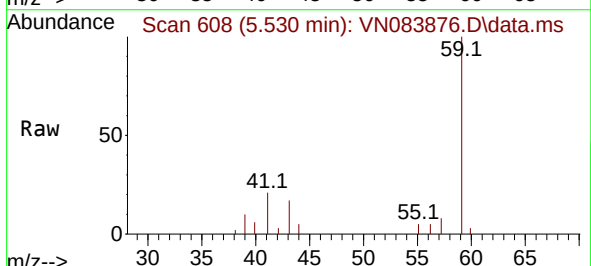
Instrument :
MSVOA_N
ClientSampleId :

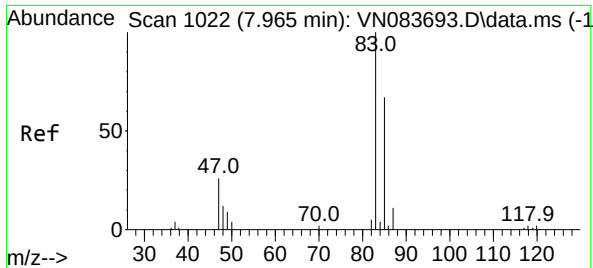
Tgt Ion: 76 Resp: 998
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#23
tert-Butyl Alcohol
Concen: 85.582 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 59 Resp: 24808
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#25

Chloroform

Concen: 3.166 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

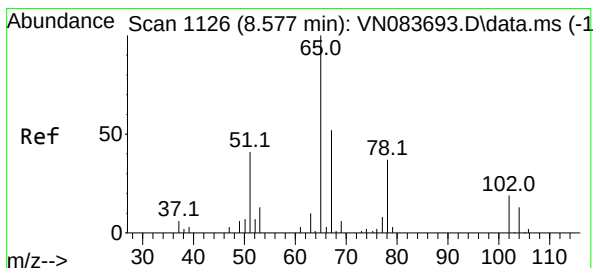
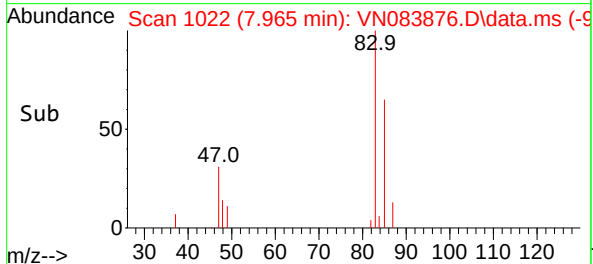
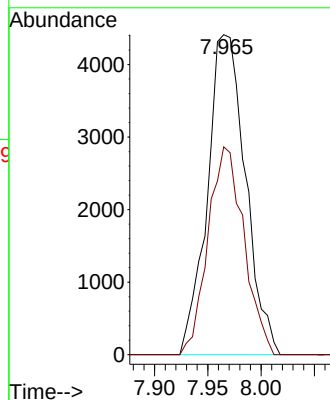
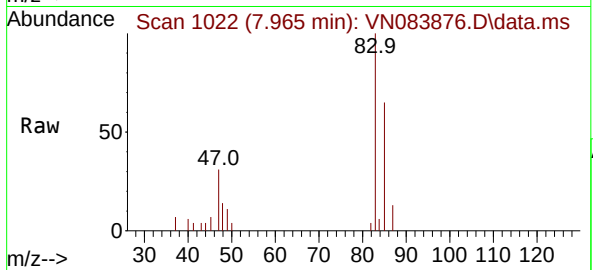
ClientSampleId :

Tgt Ion: 83 Resp: 10982

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3



#27

1,2-Dichloroethane-d4

Concen: 30.361 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083876.D

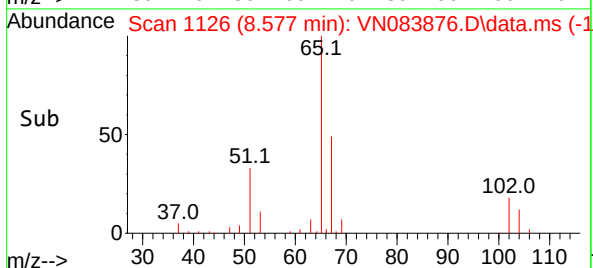
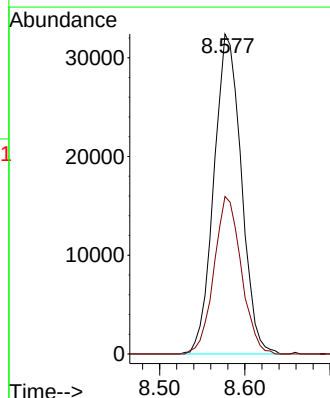
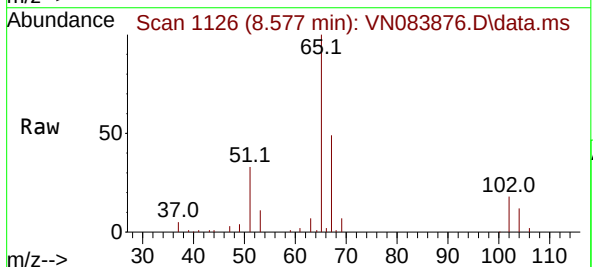
Acq: 13 Sep 2024 17:43

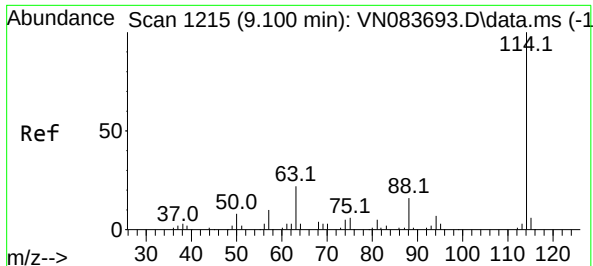
Tgt Ion: 65 Resp: 72272

Ion Ratio Lower Upper

65 100

67 49.0 43.2 64.8

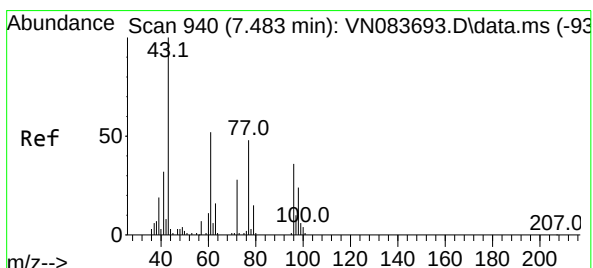
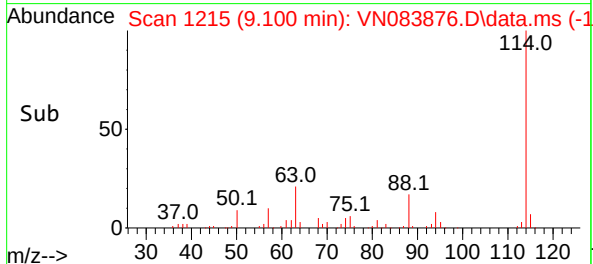
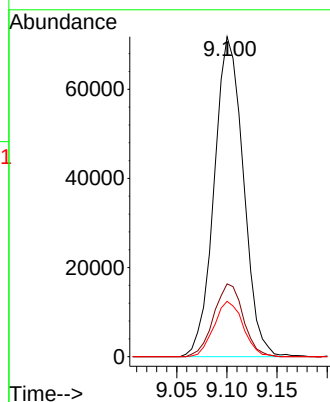
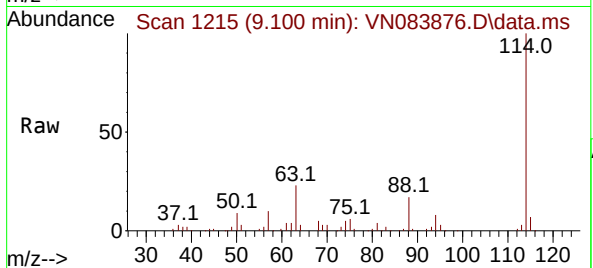




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

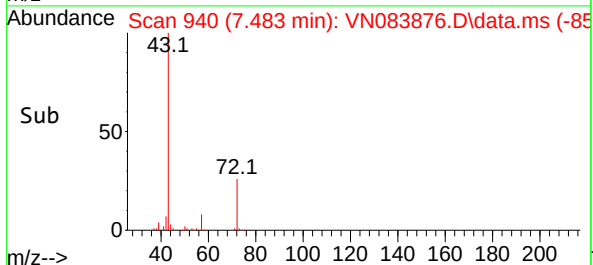
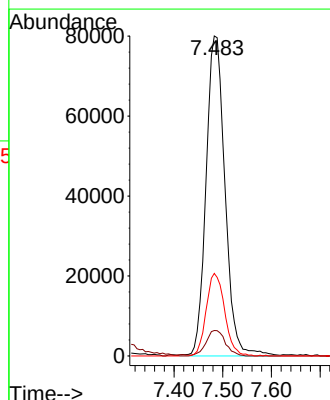
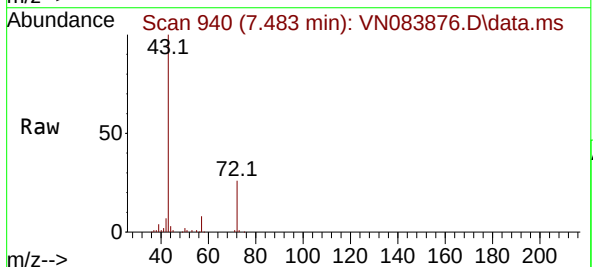
Instrument :
MSVOA_N
ClientSampleId :

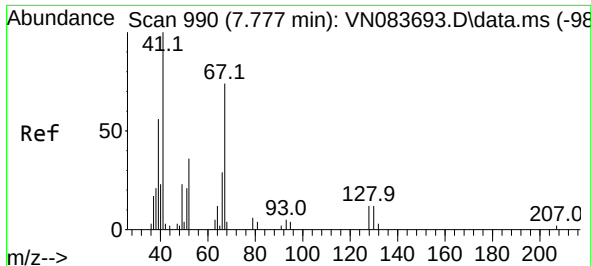
Tgt Ion:114 Resp: 145182
Ion Ratio Lower Upper
114 100
63 23.0 15.9 23.9
88 17.2 12.7 19.1



#30
2-Butanone
Concen: 199.004 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

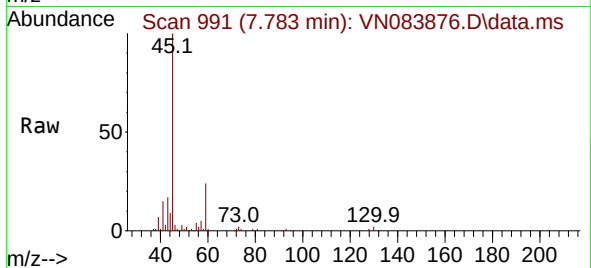
Tgt Ion: 43 Resp: 216020
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 25.1 24.0 36.0



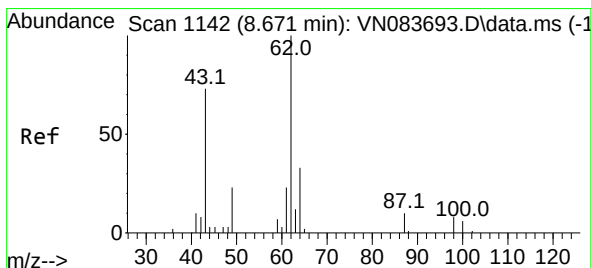
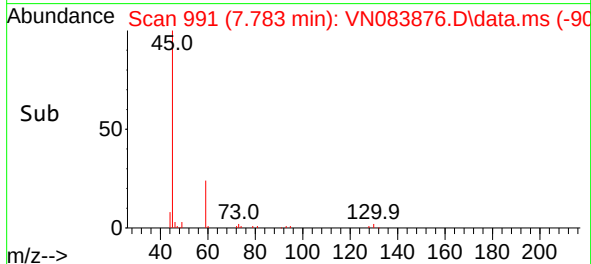
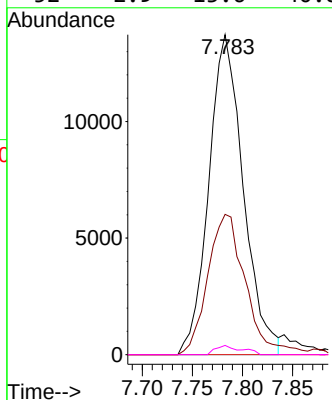


#35
Methacrylonitrile
Concen: 26.920 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :

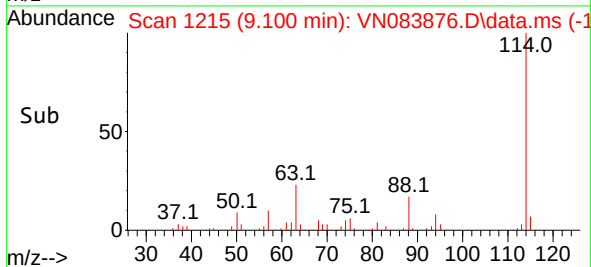
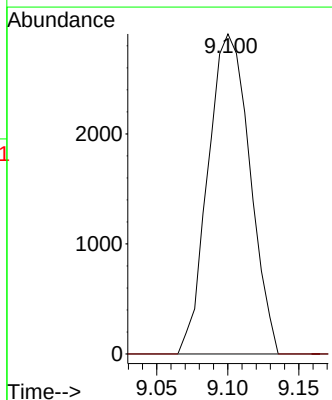
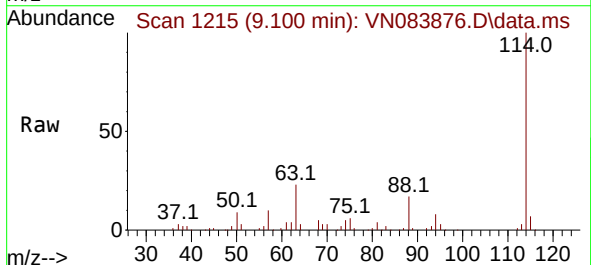


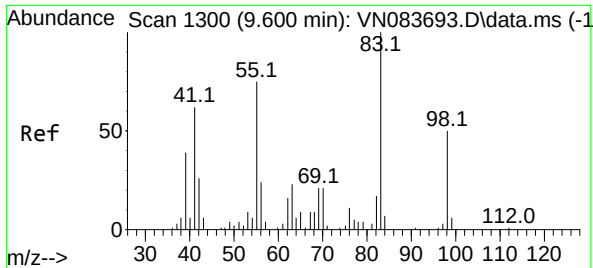
Tgt Ion:	41	Resp:	32850
Ion	Ratio	Lower	Upper
41	100		
39	43.8	25.3	75.9
67	0.0	38.7	116.1#
52	2.9	13.6	40.8#



#36
1,2-Dichloroethane
Concen: 2.294 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.429 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion:	62	Resp:	5958
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.4#





#38

Methylcyclohexane

Concen: 6.893 ug/l

RT: 9.835 min Scan# 1

Delta R.T. 0.235 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

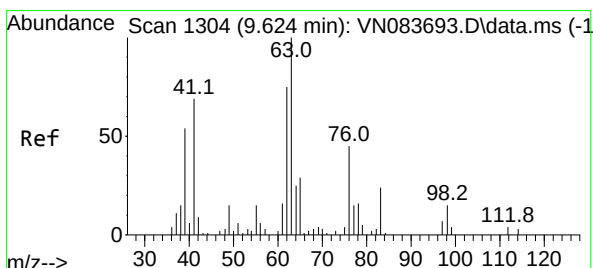
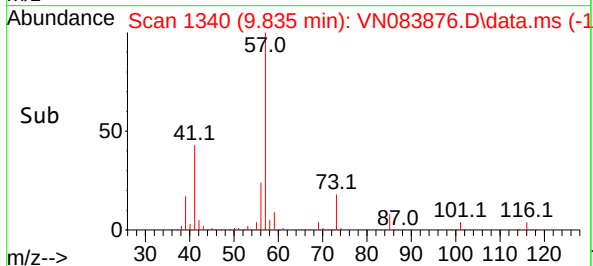
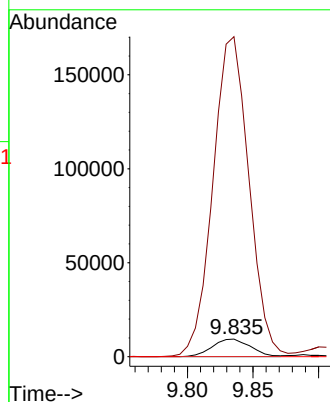
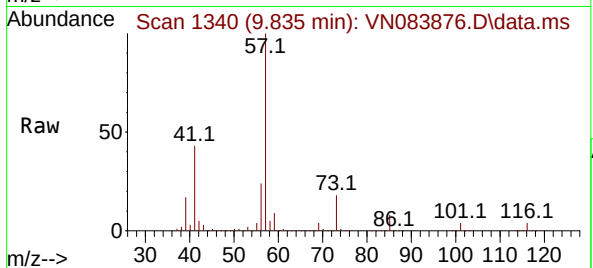
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83 Resp: 19005

Ion	Ratio	Lower	Upper
83	100		
55	1711.0	36.6	109.9#
98	0.0	23.8	71.5#



#39

1,2-Dichloropropane

Concen: 0.468 ug/l

RT: 9.830 min Scan# 1339

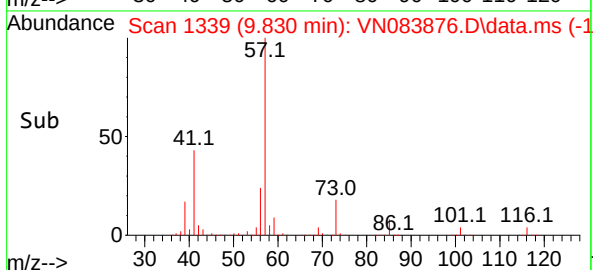
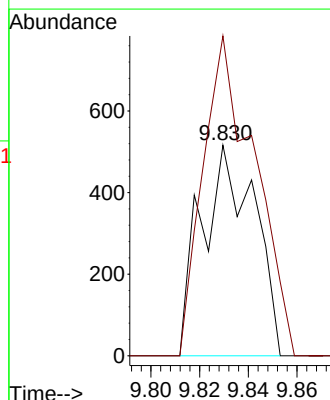
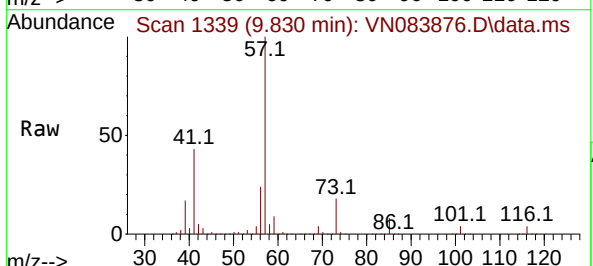
Delta R.T. 0.206 min

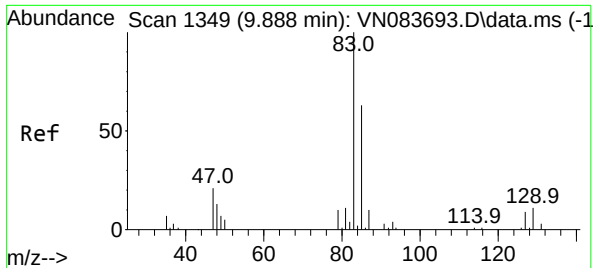
Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Tgt Ion: 63 Resp: 779

Ion	Ratio	Lower	Upper
63	100		
65	151.9	25.0	37.4#

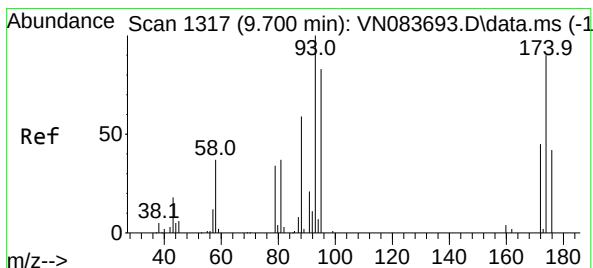
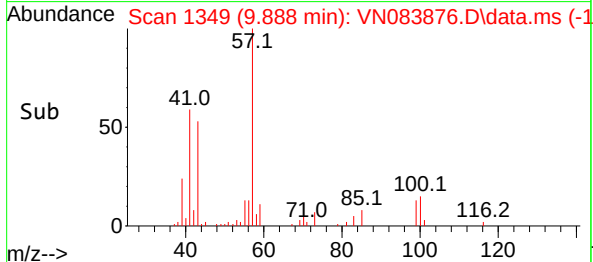
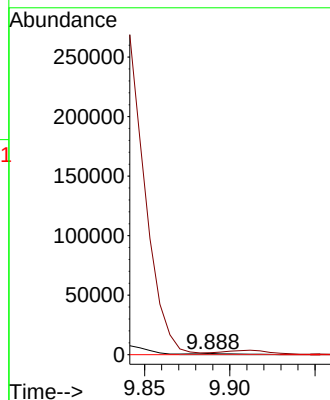
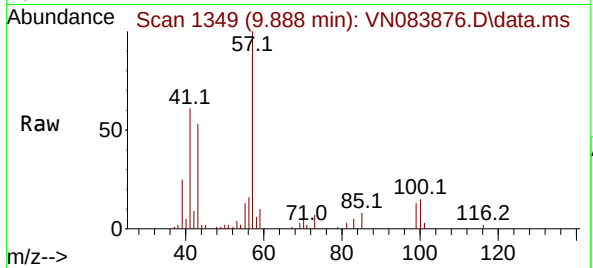




#41
Bromodichloromethane
Concen: 0.742 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

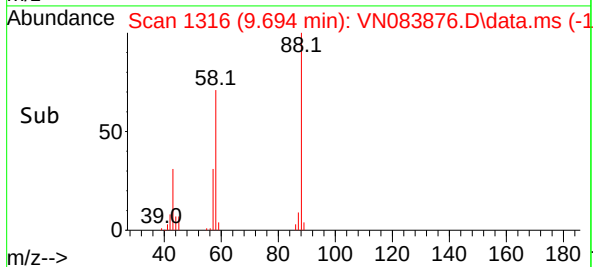
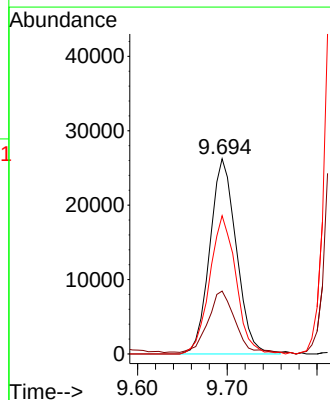
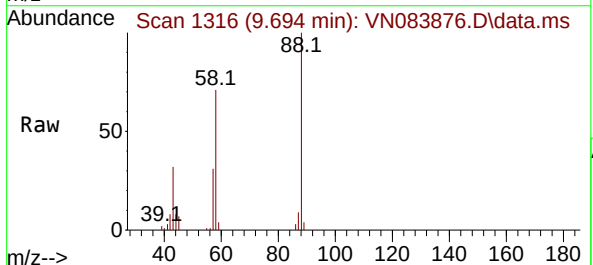
Instrument :
MSVOA_N
ClientSampleId :

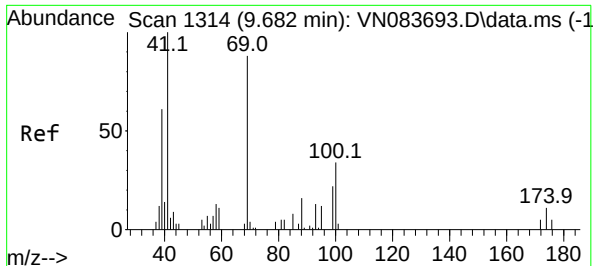
Tgt Ion: 83 Resp: 1918
Ion Ratio Lower Upper
83 100
85 36.3 49.4 74.2#
127 0.0 7.3 10.9#



#45
1,4-Dioxane
Concen: 1824.550 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

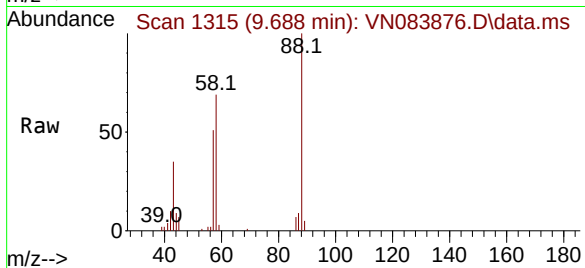
Tgt Ion: 88 Resp: 53778
Ion Ratio Lower Upper
88 100
43 30.5 19.8 29.6#
58 70.5 55.4 83.0



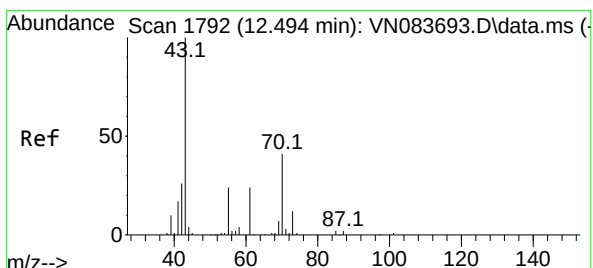
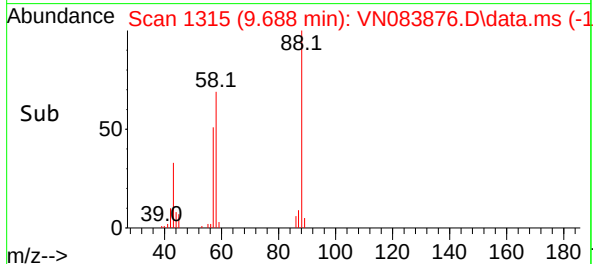
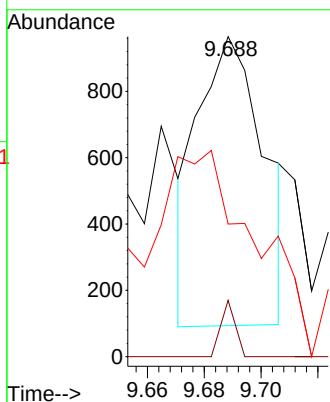


#46
Methyl methacrylate
Concen: 0.770 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :

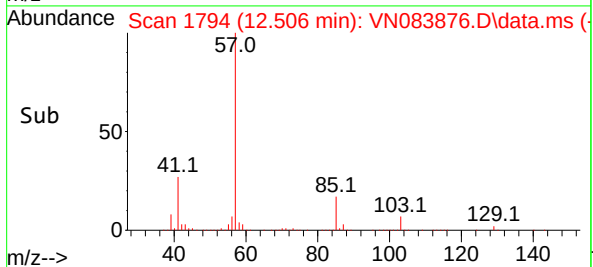
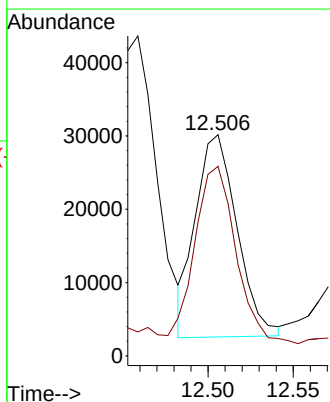
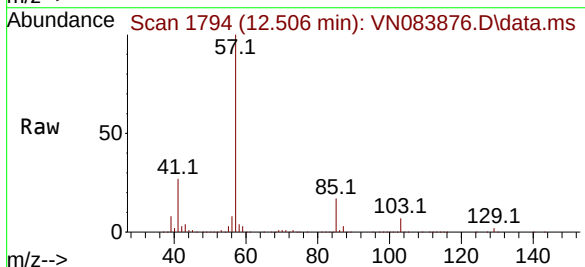


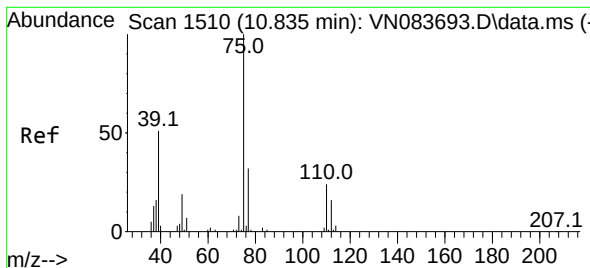
Tgt Ion: 41 Resp: 1409
Ion Ratio Lower Upper
41 100
69 39.7 51.1 153.3#
39 8.4 25.8 77.3#



#47
n-amy1 Acetate
Concen: 13.960 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.012 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

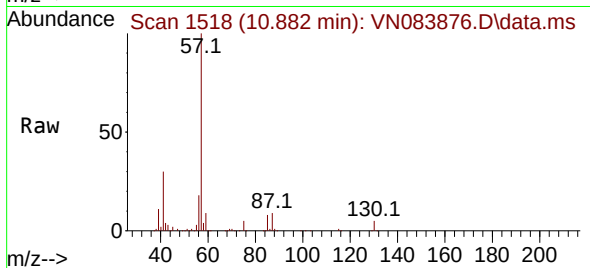
Tgt Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
55 90.7 23.4 35.2#



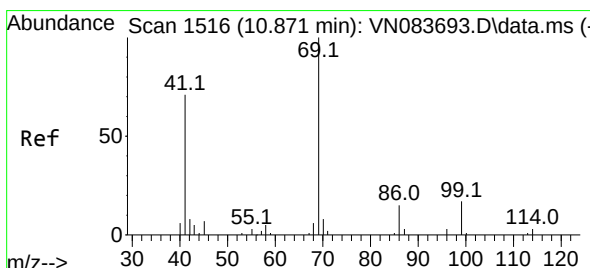
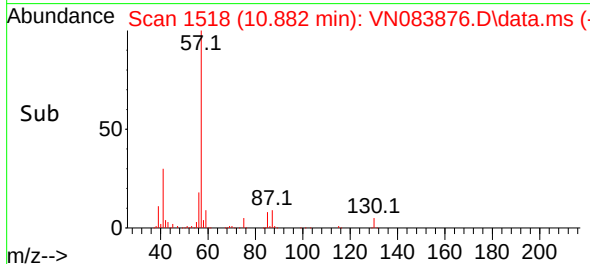
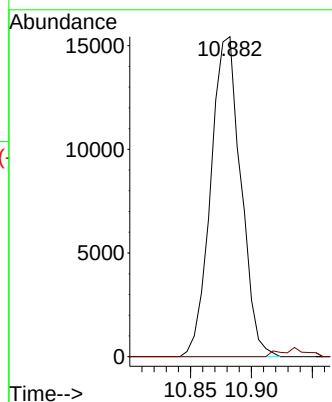


#48
t-1,3-Dichloropropene
Concen: 9.760 ug/l
RT: 10.882 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :

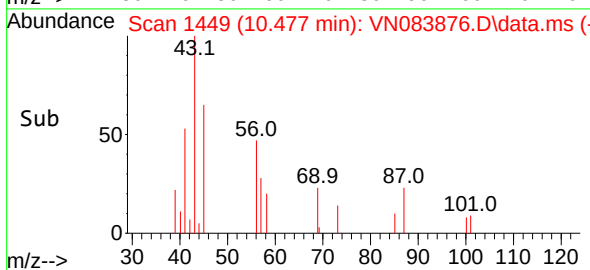
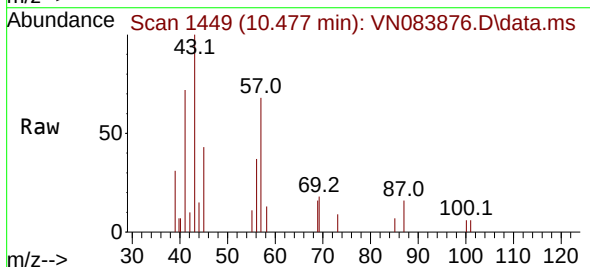
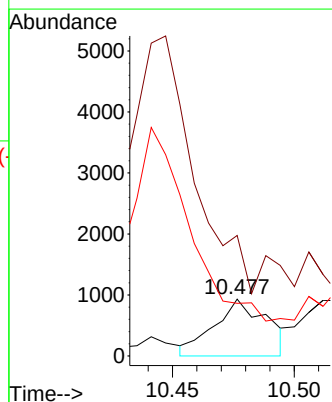


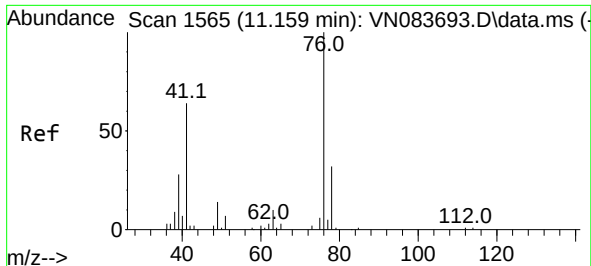
Tgt Ion: 75 Resp: 26545
Ion Ratio Lower Upper
75 100
77 0.0 23.8 35.6#



#51
Ethyl methacrylate
Concen: 0.531 ug/l
RT: 10.477 min Scan# 1449
Delta R.T. -0.394 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 69 Resp: 1404
Ion Ratio Lower Upper
69 100
41 64.1 25.5 76.5
39 32.6 16.0 47.9





#52

1,3-Dichloropropane

Concen: 0.285 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.276 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

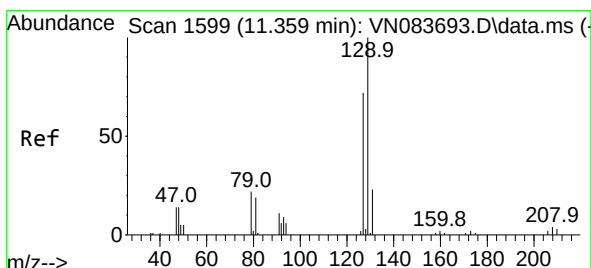
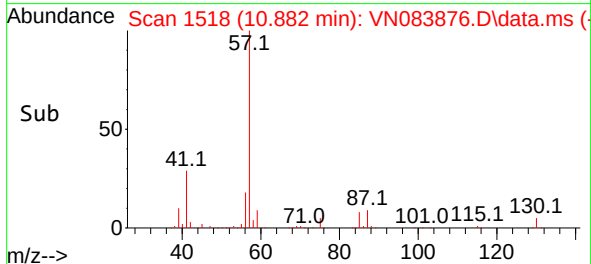
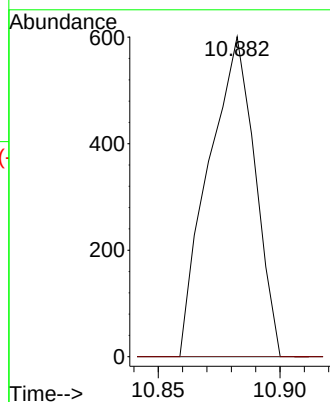
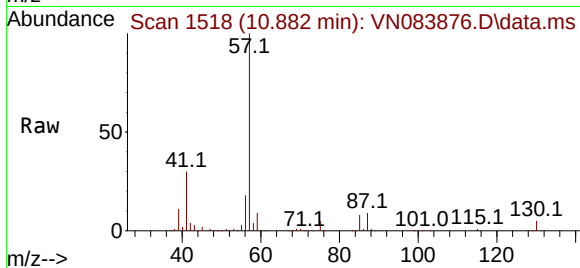
ClientSampleId :

Tgt Ion: 76 Resp: 795

Ion Ratio Lower Upper

76 100

78 0.0 0.0 65.8



#53

Dibromochloromethane

Concen: 0.420 ug/l

RT: 11.306 min Scan# 1590

Delta R.T. -0.053 min

Lab File: VN083876.D

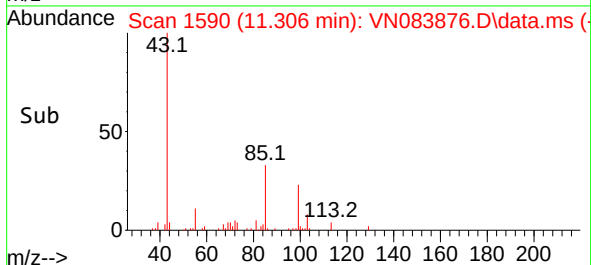
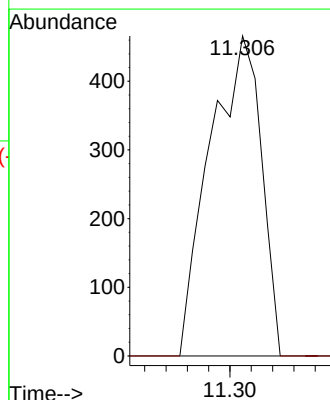
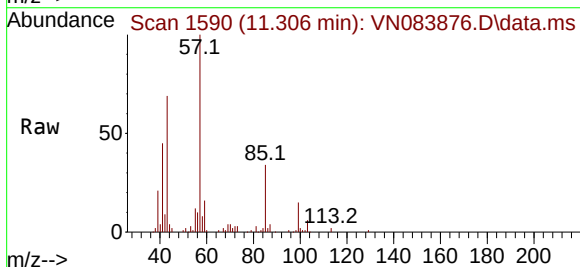
Acq: 13 Sep 2024 17:43

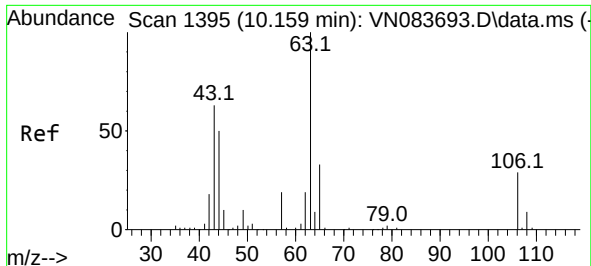
Tgt Ion: 129 Resp: 780

Ion Ratio Lower Upper

129 100

127 0.0 39.4 118.1#

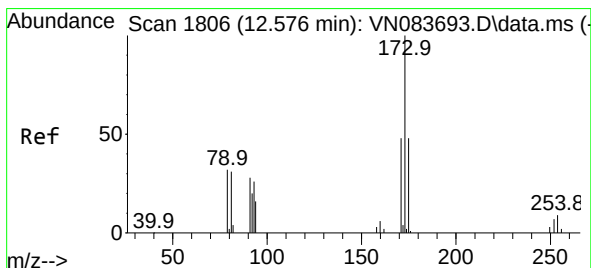
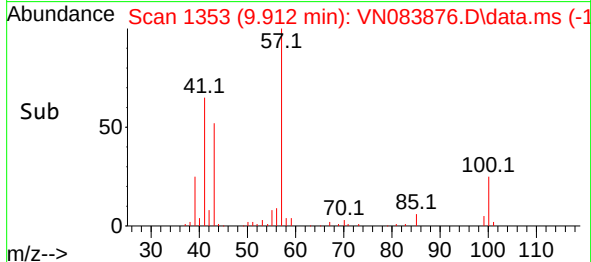
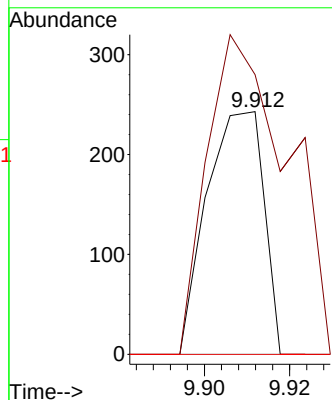
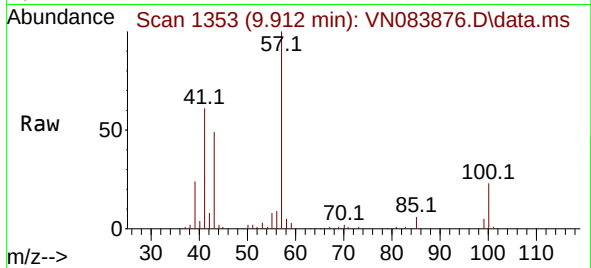




#55
2-Chloroethyl vinyl ether
Concen: 0.215 ug/l
RT: 9.912 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

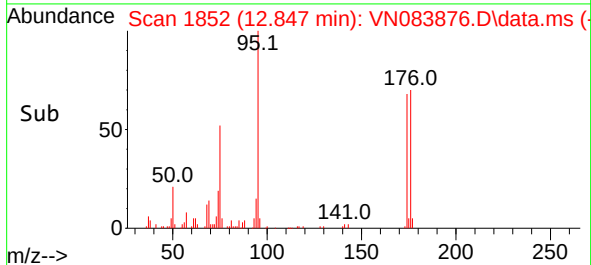
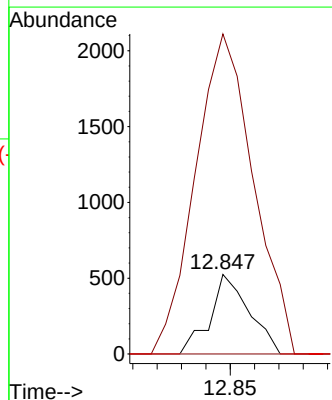
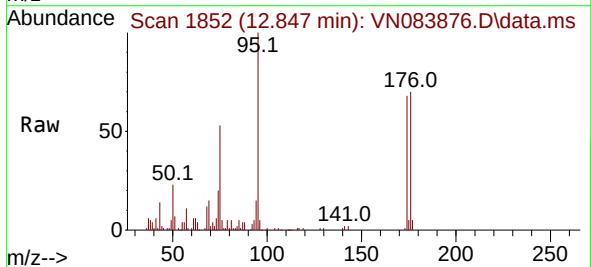
Instrument :
MSVOA_N
ClientSampleId :

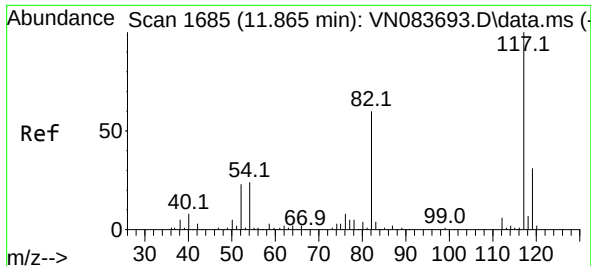
Tgt Ion: 63 Resp: 226
Ion Ratio Lower Upper
63 100
65 186.3 26.2 39.2#
106 0.0 23.8 35.8#



#56
Bromoform
Concen: 0.496 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

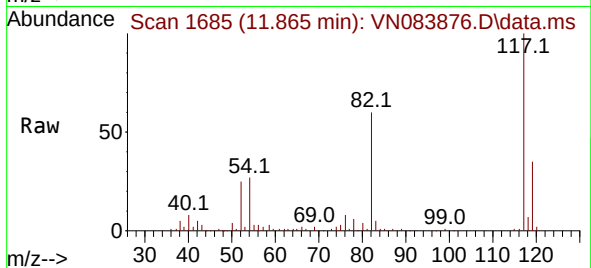
Tgt Ion: 173 Resp: 585
Ion Ratio Lower Upper
173 100
175 600.2 40.0 60.0#
254 0.0 8.3 12.5#



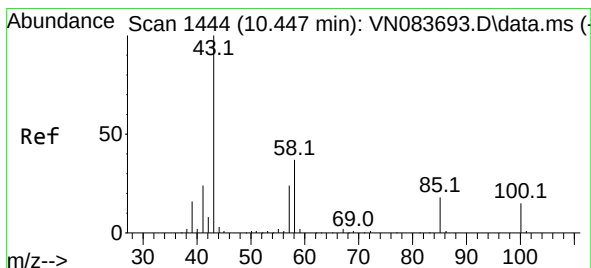
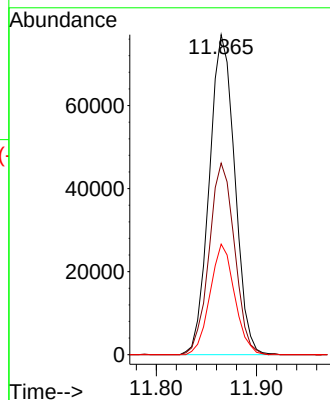
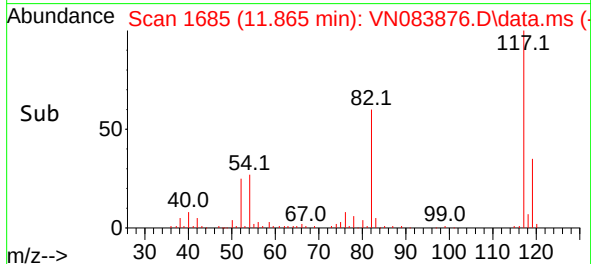


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :

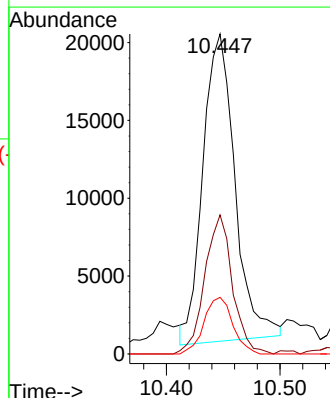
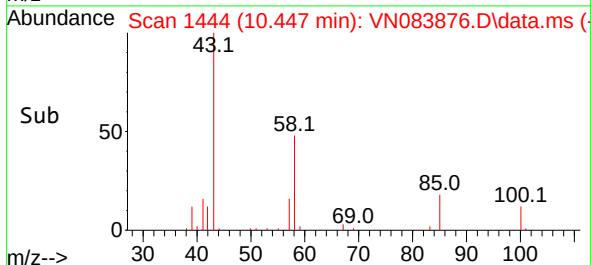
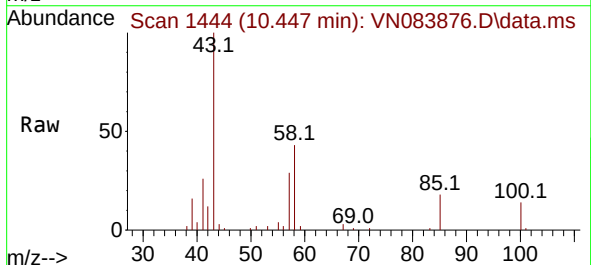


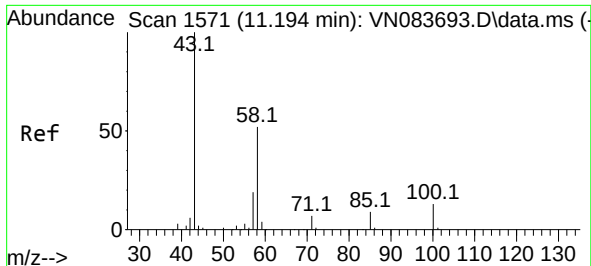
Tgt Ion:117 Resp: 136130
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 33.4 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 17.950 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 43 Resp: 38746
Ion Ratio Lower Upper
43 100
58 39.0 36.5 54.7
85 16.5 19.5 29.3#

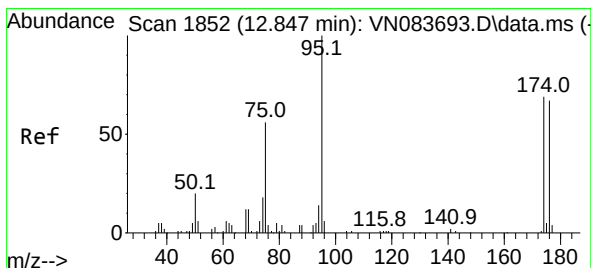
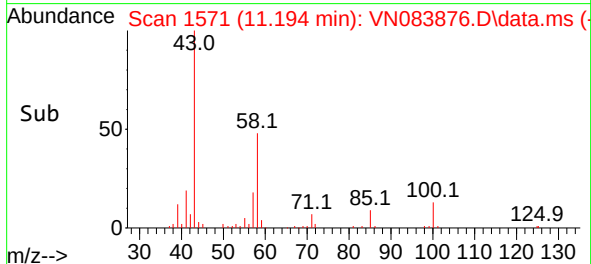
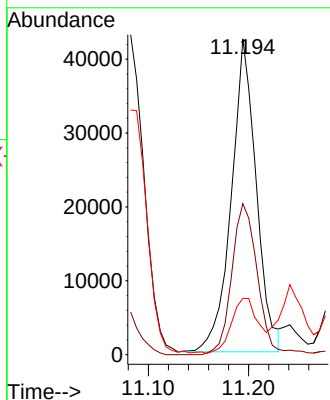
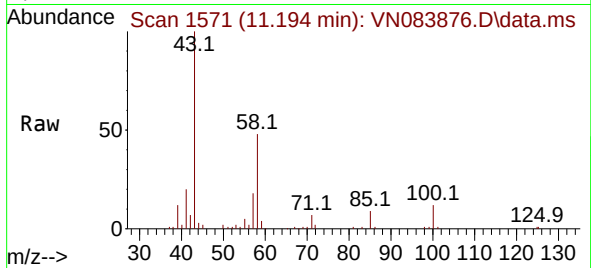




#59
2-Hexanone
Concen: 44.884 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

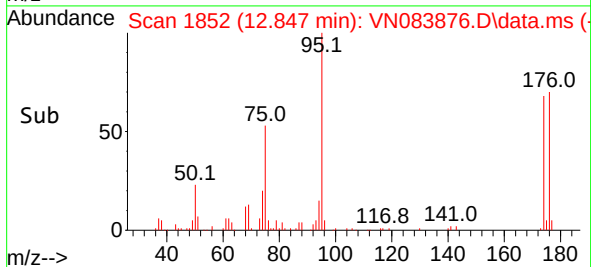
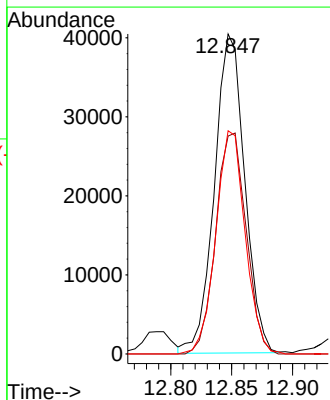
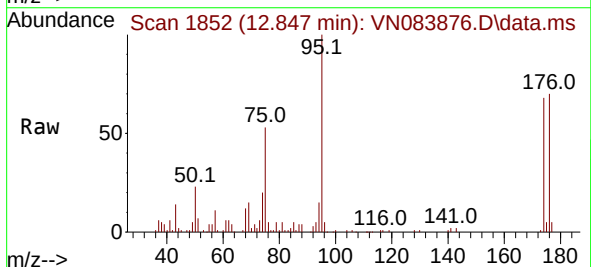
Instrument :
MSVOA_N
ClientSampleId :

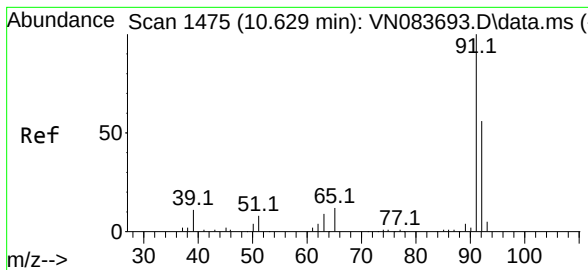
Tgt Ion: 43 Resp: 73206
Ion Ratio Lower Upper
43 100
58 49.8 50.4 75.6#
57 19.0 18.6 27.8



#60
4-Bromofluorobenzene
Concen: 29.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 95 Resp: 69781
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 67.9 57.8 86.6





#62

Toluene

Concen: 3.593 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

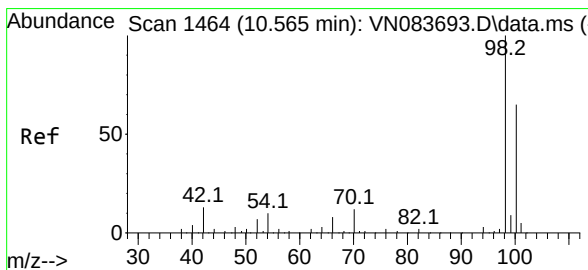
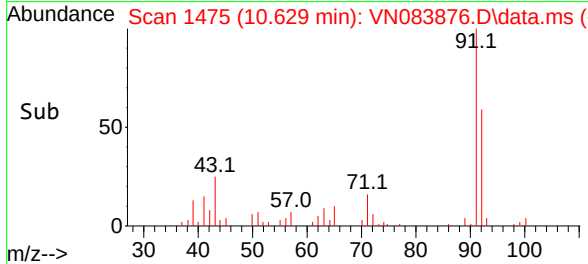
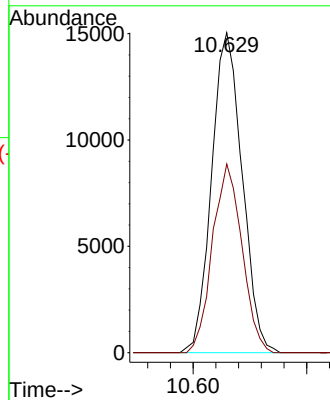
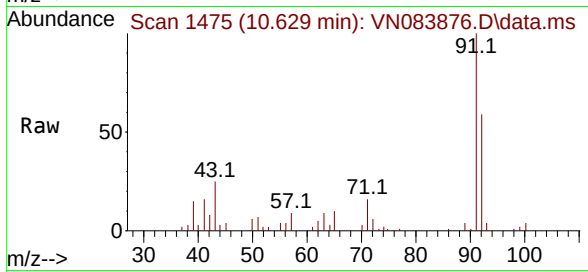
ClientSampleId :

Tgt Ion: 91 Resp: 28110

Ion Ratio Lower Upper

91 100

92 56.9 46.5 69.7



#63

Toluene-d8

Concen: 29.350 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083876.D

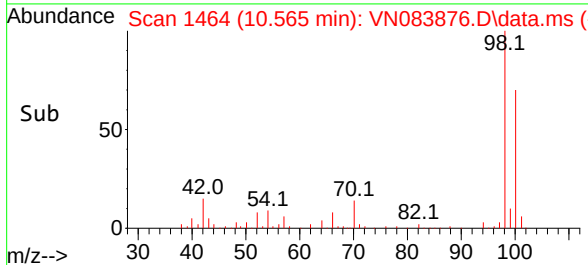
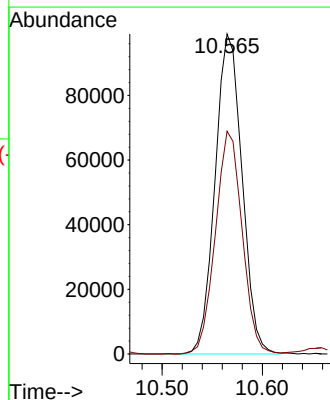
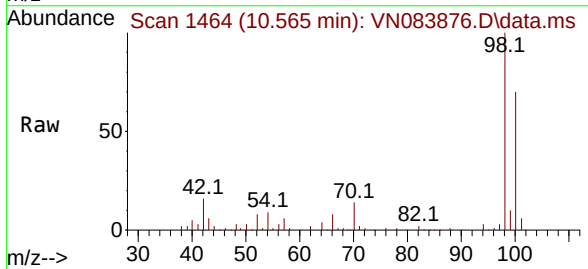
Acq: 13 Sep 2024 17:43

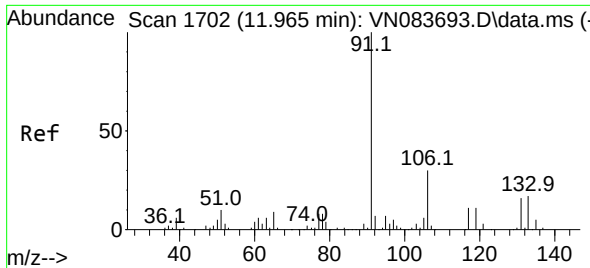
Tgt Ion: 98 Resp: 185002

Ion Ratio Lower Upper

98 100

100 69.0 52.7 79.1

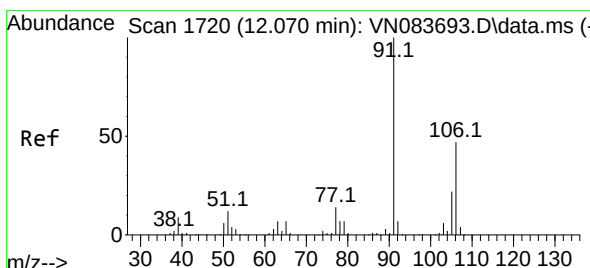
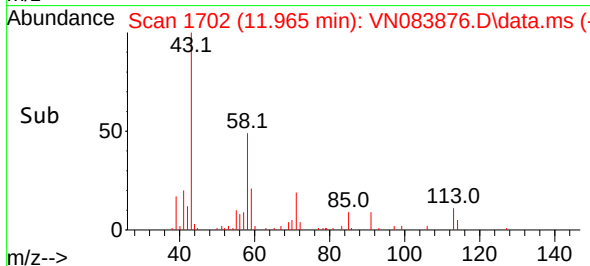
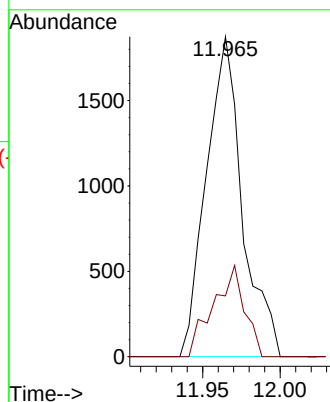
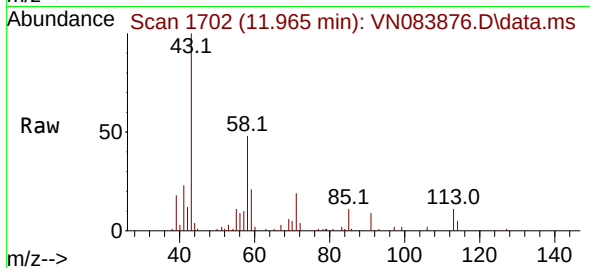




#66
Ethyl Benzene
Concen: 0.340 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

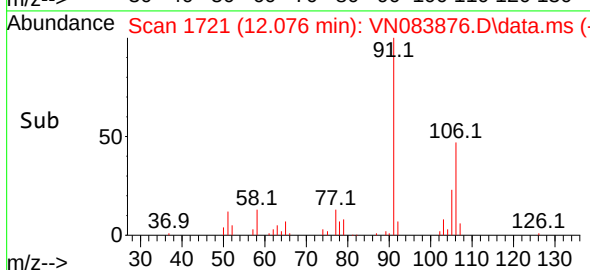
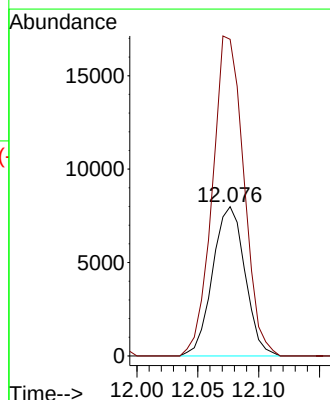
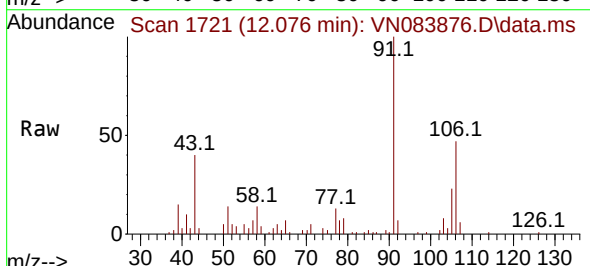
Instrument :
MSVOA_N
ClientSampleId :

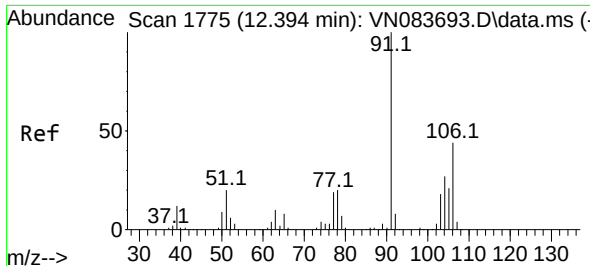
Tgt Ion: 91 Resp: 3024
Ion Ratio Lower Upper
91 100
106 19.0 24.4 36.6#



#67
m/p-Xylenes
Concen: 4.523 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion:106 Resp: 14806
Ion Ratio Lower Upper
106 100
91 207.4 166.6 249.8

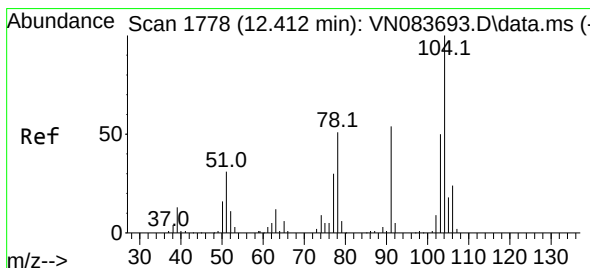
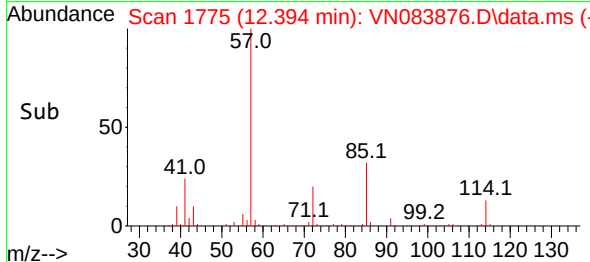
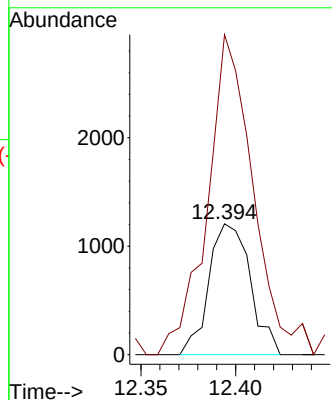
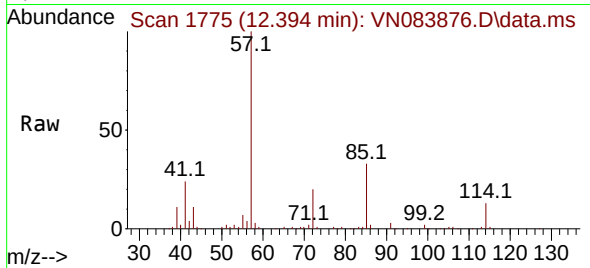




#68
o-Xylene
Concen: 0.578 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

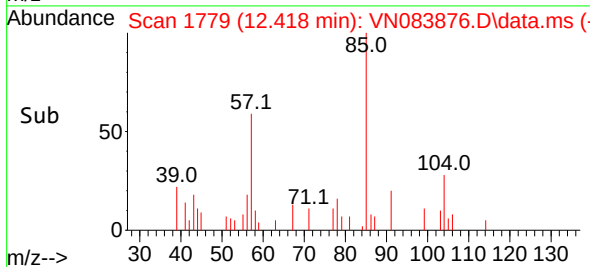
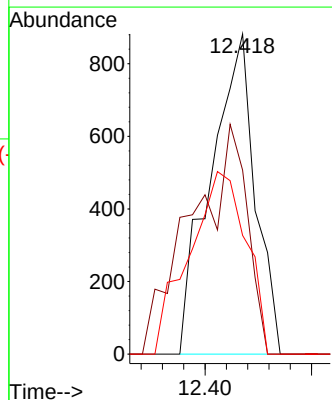
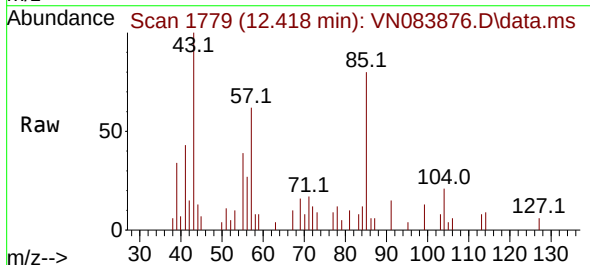
Instrument :
MSVOA_N
ClientSampleId :

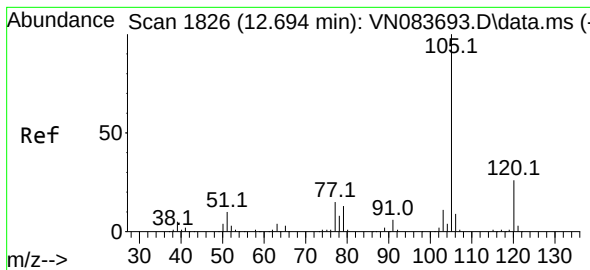
Tgt Ion:106 Resp: 1832
Ion Ratio Lower Upper
106 100
91 265.4 110.0 330.0



#69
Styrene
Concen: 0.240 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion:104 Resp: 1284
Ion Ratio Lower Upper
104 100
78 37.1 42.6 64.0#
103 73.0 43.7 65.5#





#70

Isopropylbenzene

Concen: 0.384 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

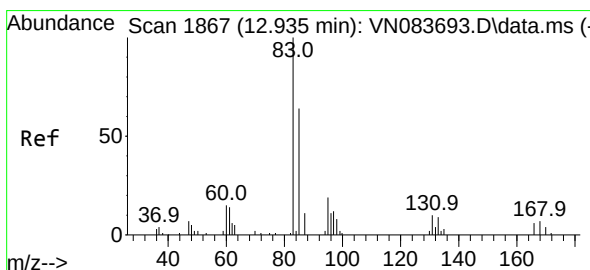
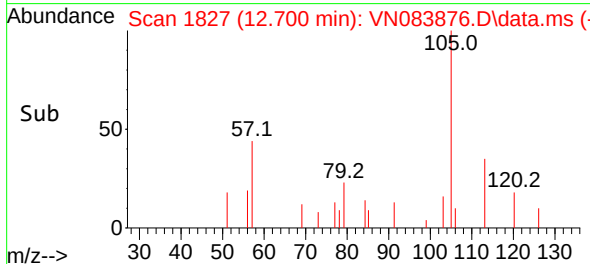
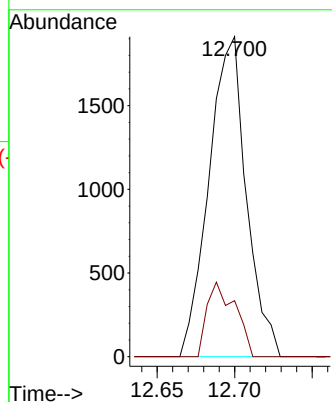
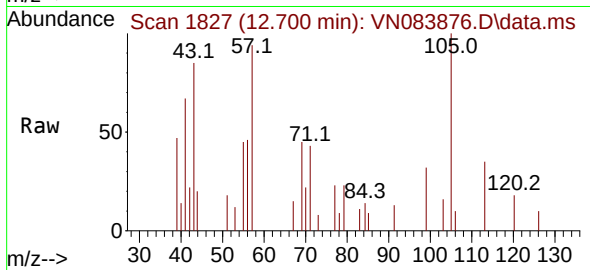
ClientSampleId :

Tgt Ion:105 Resp: 3209

Ion Ratio Lower Upper

105 100

120 17.5 17.8 33.1#



#71

1,1,2,2-Tetrachloroethane

Concen: 5.454 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

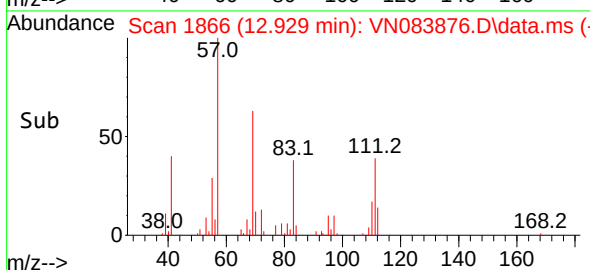
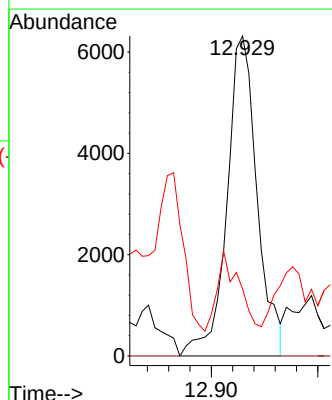
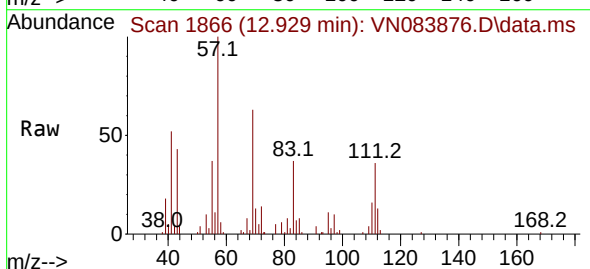
Tgt Ion: 83 Resp: 12454

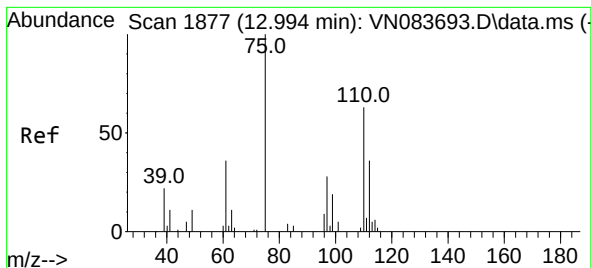
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 10.5 32.3 96.8#





#72

1,2,3-Trichloropropane

Concen: 19.400 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

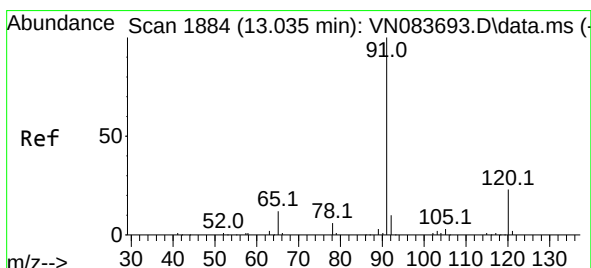
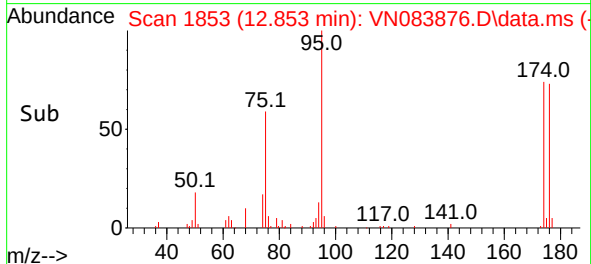
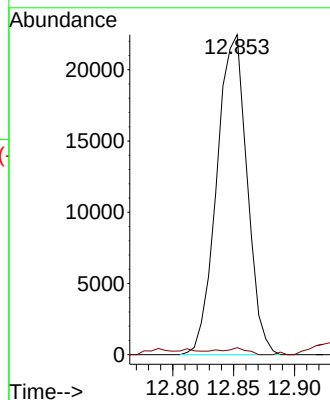
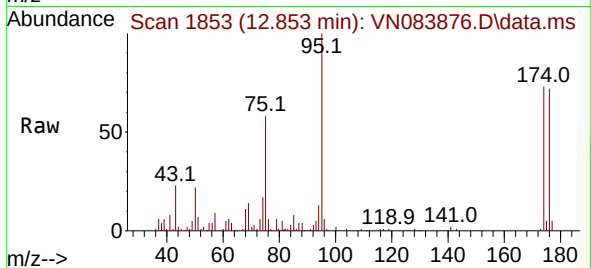
ClientSampleId :

Tgt Ion: 75 Resp: 38843

Ion Ratio Lower Upper

75 100

77 1.2 0.0 367.6



#74

n-propylbenzene

Concen: 0.220 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN083876.D

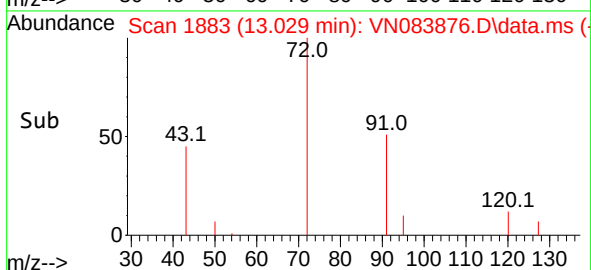
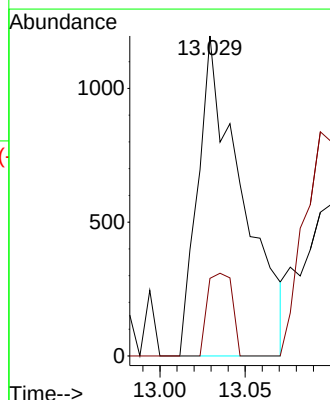
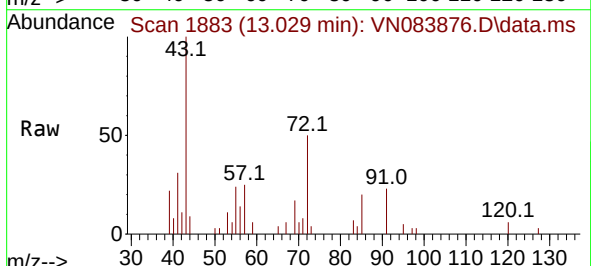
Acq: 13 Sep 2024 17:43

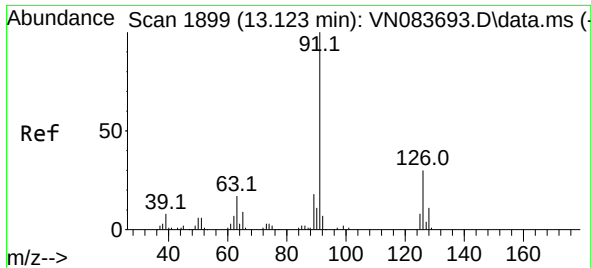
Tgt Ion: 91 Resp: 2149

Ion Ratio Lower Upper

91 100

120 14.6 0.0 43.8

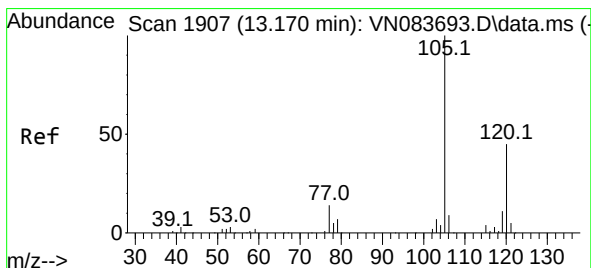
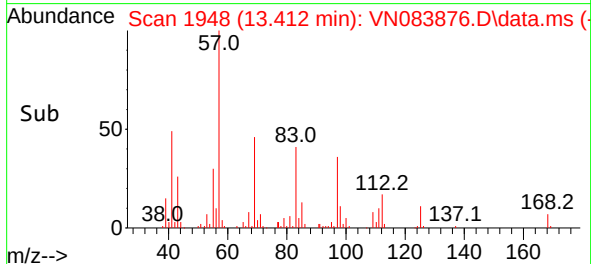
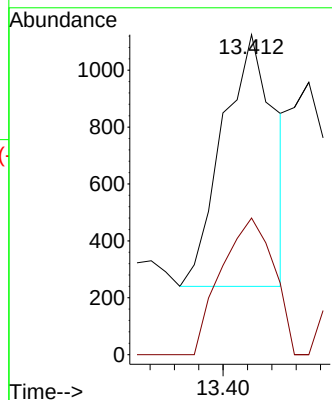
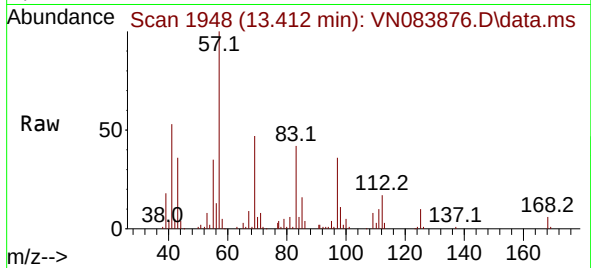




#75
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.288 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

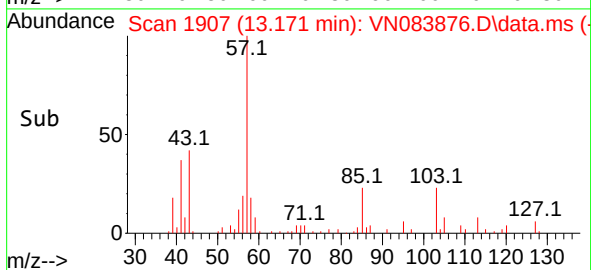
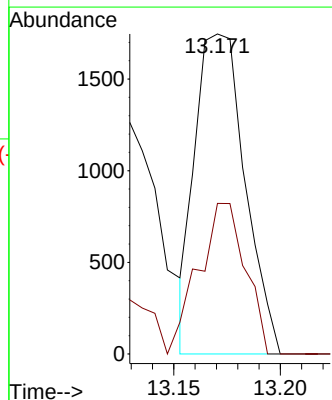
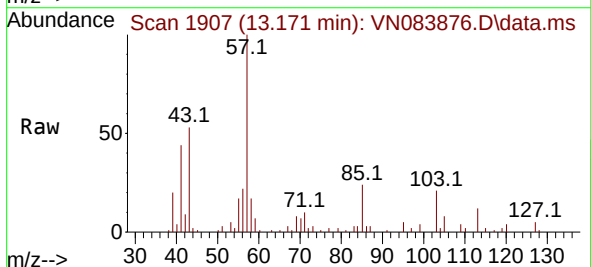
Instrument :
MSVOA_N
ClientSampleId :

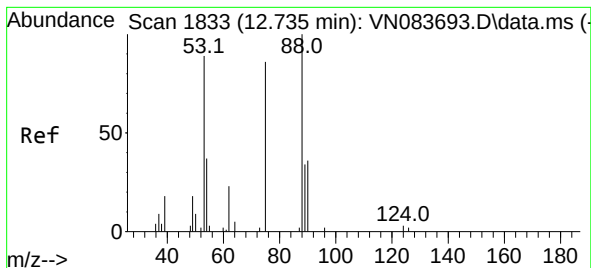
Tgt Ion: 91 Resp: 1322
Ion Ratio Lower Upper
91 100
126 54.6 0.0 61.2



#76
1,3,5-Trimethylbenzene
Concen: 0.406 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 105 Resp: 2838
Ion Ratio Lower Upper
105 100
120 44.5 0.0 95.8





#77

t-1,4-Dichloro-2-butene

Concen: 45.897 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN083876.D

Acq: 13 Sep 2024 17:43

Instrument :

MSVOA_N

ClientSampleId :

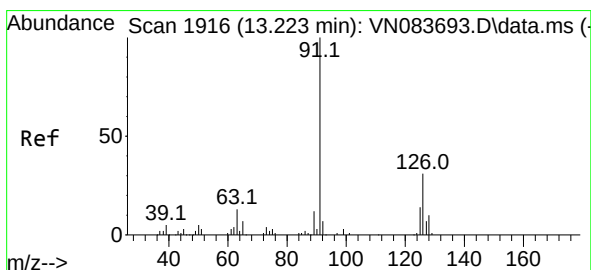
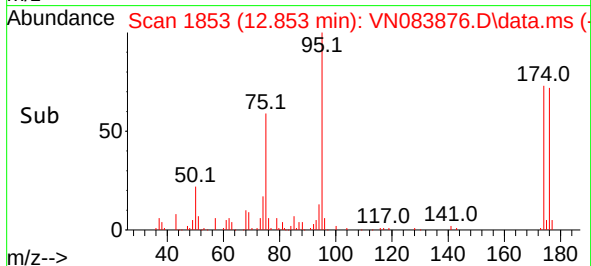
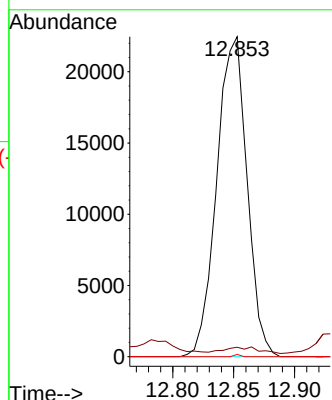
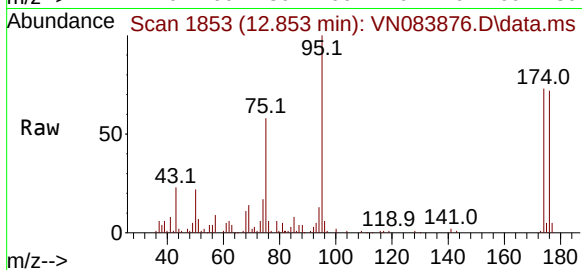
Tgt Ion: 75 Resp: 38843

Ion Ratio Lower Upper

75 100

53 1.9 45.9 137.7#

89 0.7 25.9 77.7#



#78

4-Chlorotoluene

Concen: 0.213 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. 0.188 min

Lab File: VN083876.D

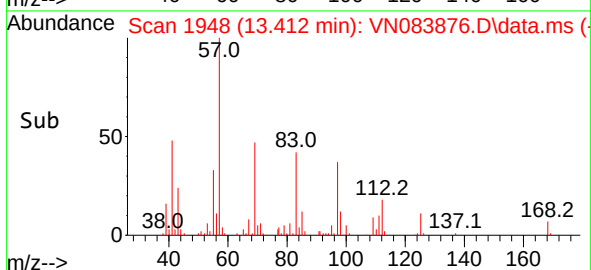
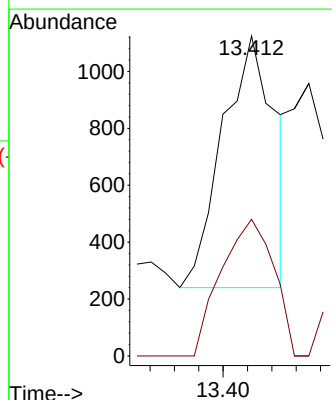
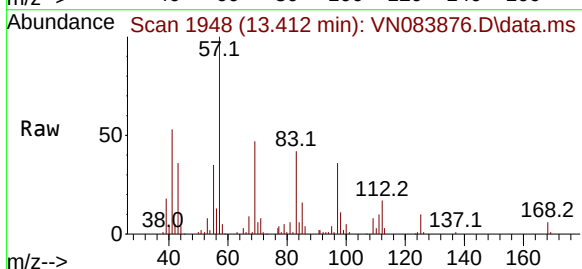
Acq: 13 Sep 2024 17:43

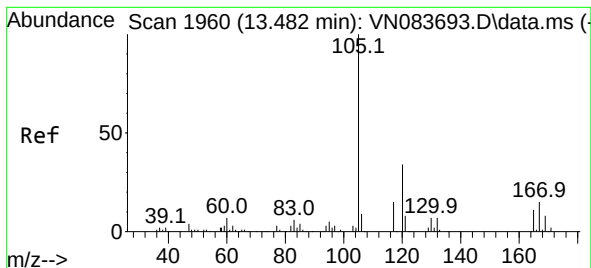
Tgt Ion: 91 Resp: 1322

Ion Ratio Lower Upper

91 100

126 54.6 0.0 62.8

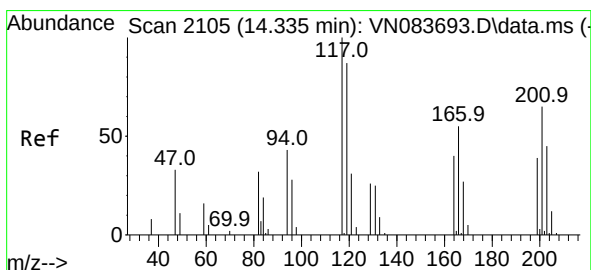
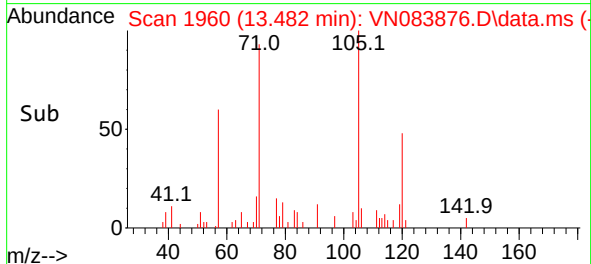
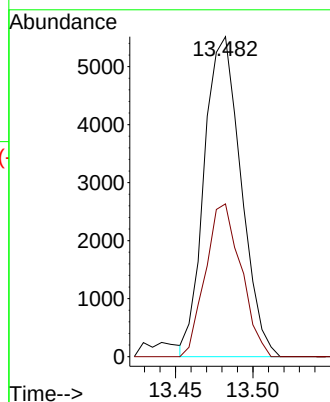
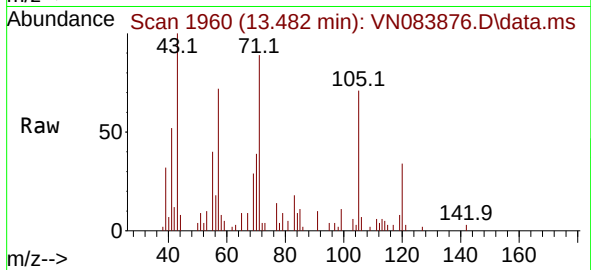




#80
1,2,4-Trimethylbenzene
Concen: 1.291 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

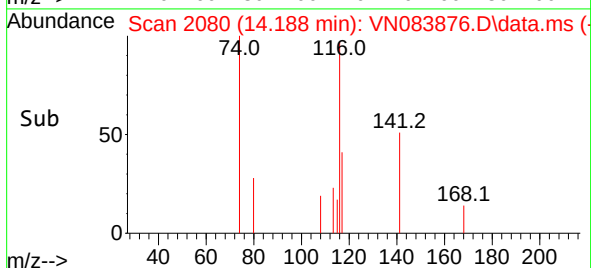
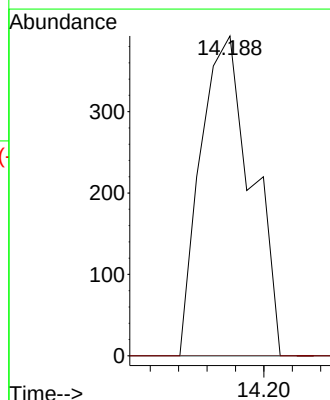
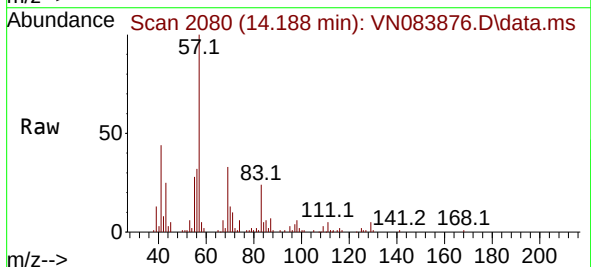
Instrument :
MSVOA_N
ClientSampleId :

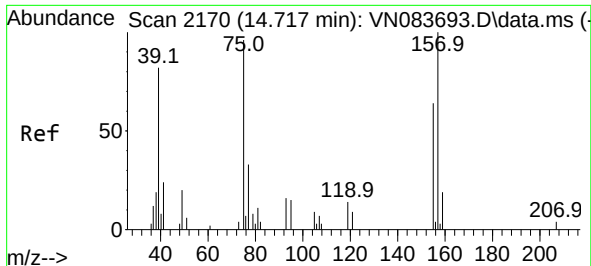
Tgt Ion:105 Resp: 9111
Ion Ratio Lower Upper
105 100
120 46.1 0.0 86.8



#86
Hexachloroethane
Concen: 0.369 ug/l
RT: 14.188 min Scan# 2080
Delta R.T. -0.147 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

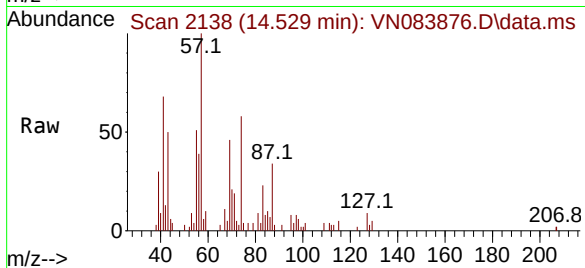
Tgt Ion:117 Resp: 491
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#



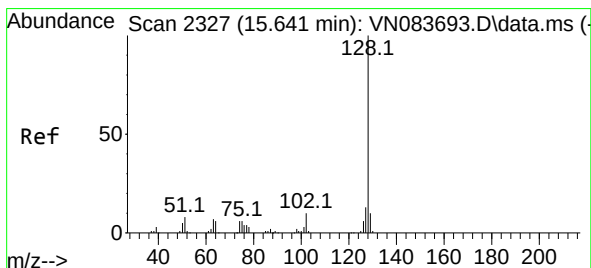
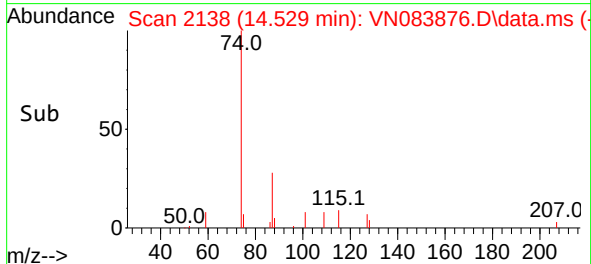
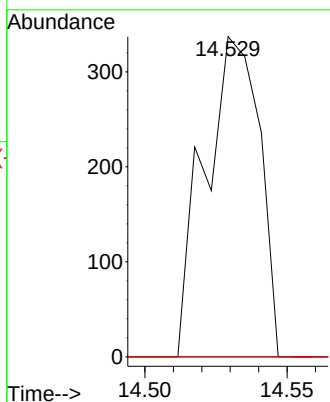


#88
1,2-Dibromo-3-Chloropropane
Concen: 0.903 ug/l
RT: 14.529 min Scan# 2170
Delta R.T. -0.188 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 453
Ion Ratio Lower Upper
75 100
155 29.1 61.7 92.5#
157 0.0 83.6 125.4#



#91
Naphthalene
Concen: 0.292 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083876.D
Acq: 13 Sep 2024 17:43

Tgt Ion: 128 Resp: 1878
Ion Ratio Lower Upper
128 100
127 6.7 10.6 16.0#
129 0.0 8.6 13.0#

