

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084646.D
 Acq On : 04 Nov 2024 10:14
 Operator : JC\MD
 Sample : VN1104MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 05 00:20:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	157878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103376	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112531	49.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.700%
35) Dibromofluoromethane	8.159	113	94390	50.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.420%
50) Toluene-d8	10.565	98	319192	46.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.847	95	114001	44.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.960%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	899	Below Cal	#	41
5) Bromomethane	2.907	94	516	0.499	ug/l	100
6) Chloroethane	3.065	64	403	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	1286	4.273	ug/l	# 73
13) Acrolein	4.171	56	75	0.250	ug/l	# 14
16) Acetone	4.442	43	312	Below Cal	#	44
17) Carbon Disulfide	4.695	76	2690	0.486	ug/l	# 75
18) Methyl Acetate	5.024	43	2257	Below Cal	#	59
21) trans-1,2-Dichloroethene	5.777	96	474	0.257	ug/l	# 79
31) Cyclohexane	8.224	56	3474	1.103	ug/l	# 1
36) 1,1-Dichloropropene	8.359	75	676	0.262	ug/l	# 50
38) Carbon Tetrachloride	8.218	117	17334	6.007	ug/l	# 15
43) Isopropyl Acetate	8.700	43	2133	Below Cal	#	56
44) Trichloroethene	9.341	130	694	0.363	ug/l	53
51) 4-Methyl-2-Pentanone	10.447	43	524	0.235	ug/l	# 36
52) Toluene	10.624	92	986	0.203	ug/l	90
53) t-1,3-Dichloropropene	10.835	75	1878	0.627	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	923	0.291	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.147	63	869	0.703	ug/l	# 63
59) 2-Hexanone	11.200	43	992	0.610	ug/l	66
60) Dibromochloromethane	11.359	129	434	0.208	ug/l	57
61) 1,2-Dibromoethane	11.471	107	464	0.248	ug/l	92
64) Tetrachloroethene	11.100	164	597	0.381	ug/l	# 81
65) Chlorobenzene	11.888	112	3349	0.635	ug/l	90
67) Ethyl Benzene	11.959	91	2805	0.319	ug/l	90
68) m/p-Xylenes	12.065	106	2523	0.757	ug/l	99
69) o-Xylene	12.394	106	682	0.219	ug/l	99
70) Styrene	12.406	104	2731	0.502	ug/l	95
71) Bromoform	12.582	173	476	0.345	ug/l	# 30
73) Isopropylbenzene	12.688	105	2001	0.276	ug/l	# 74
74) N-amyl acetate	12.488	43	937	0.304	ug/l	# 90
75) 1,1,2,2-Tetrachloroethane	12.935	83	547	0.226	ug/l	# 62
76) 1,2,3-Trichloropropane	12.965	75	1740	0.842	ug/l	91
77) Bromobenzene	12.982	156	2127	1.092	ug/l	71
78) n-propylbenzene	13.035	91	6263	0.738	ug/l	97
79) 2-Chlorotoluene	13.118	91	3225	0.581	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

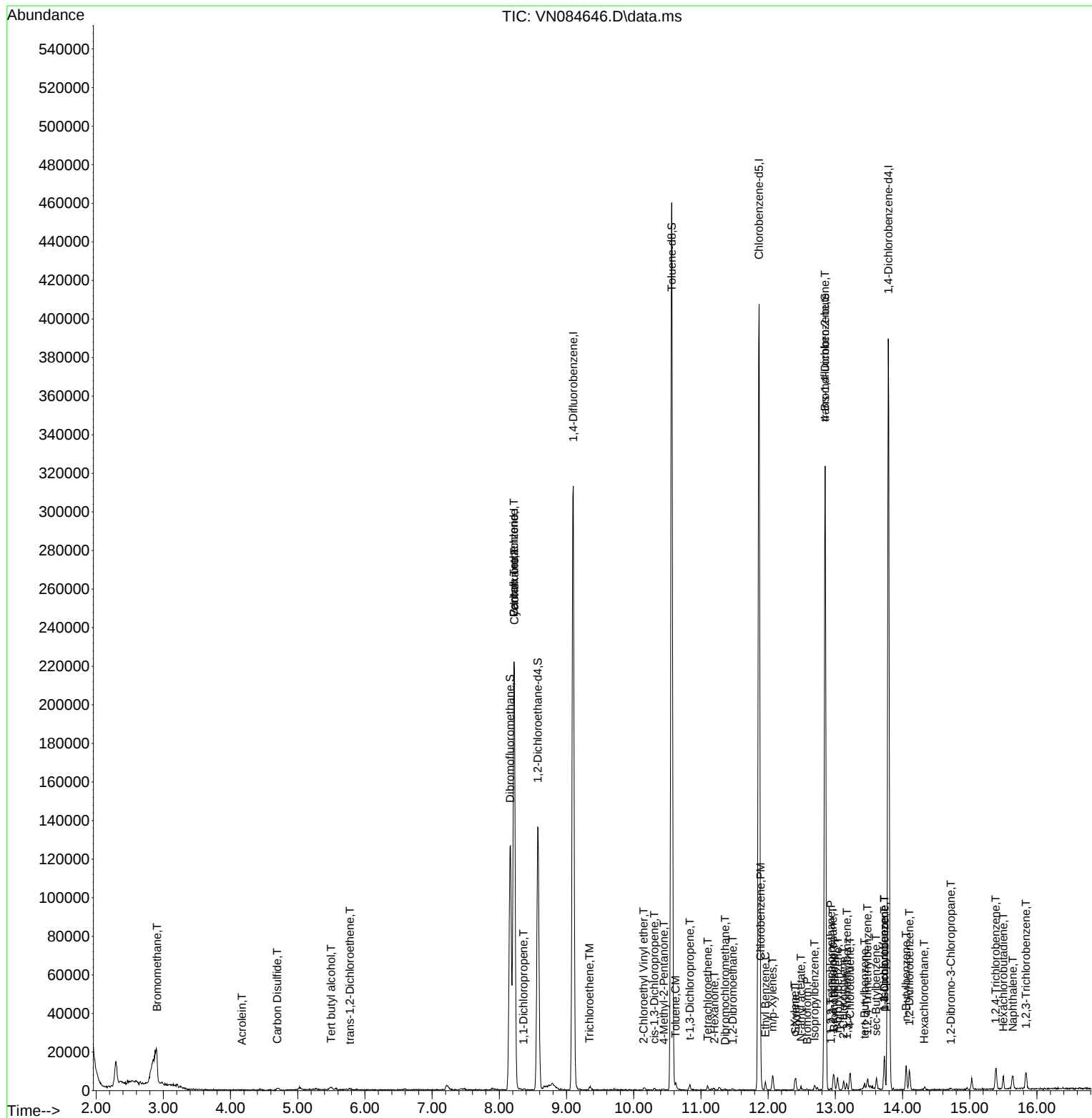
80) 1,3,5-Trimethylbenzene	13.171	105	2242	0.373	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.847	75	57186	65.653	ug/l #	11
82) 4-Chlorotoluene	13.218	91	6320	1.083	ug/l	98
83) tert-Butylbenzene	13.435	119	1468	0.295	ug/l	91
84) 1,2,4-Trimethylbenzene	13.476	105	2980	0.481	ug/l	87
85) sec-Butylbenzene	13.606	105	3895	0.555	ug/l	96
86) p-Isopropyltoluene	13.729	119	3591	0.624	ug/l	92
87) 1,3-Dichlorobenzene	13.729	146	5237	1.378	ug/l	89
88) 1,4-Dichlorobenzene	13.729	146	5237	0.658	ug/l	89
89) n-Butylbenzene	14.053	91	6986	1.297	ug/l	97
90) Hexachloroethane	14.323	117	435	0.339	ug/l #	57
91) 1,2-Dichlorobenzene	14.100	146	4363	1.195	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	186	0.380	ug/l	72
93) 1,2,4-Trichlorobenzene	15.388	180	4557	2.280	ug/l	100
94) Hexachlorobutadiene	15.500	225	1556	1.772	ug/l	85
95) Naphthalene	15.641	128	8238	1.377	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	3638	1.875	ug/l	97

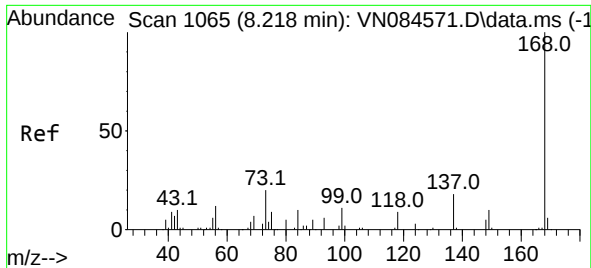
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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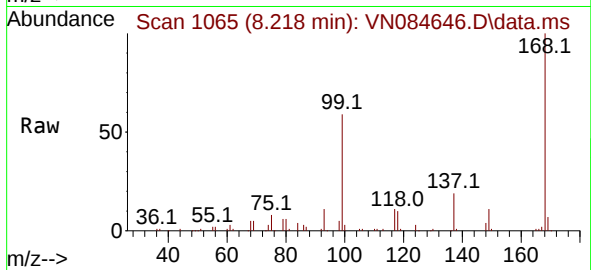
Quant Time: Nov 05 00:20:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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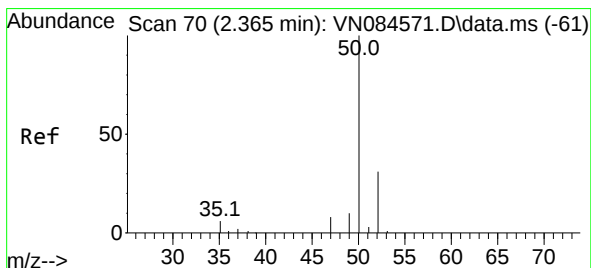
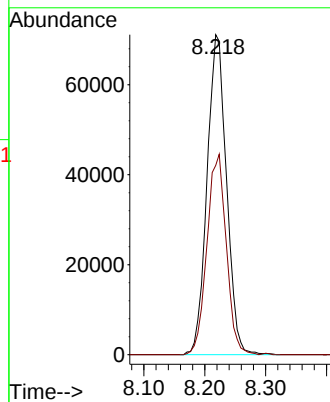
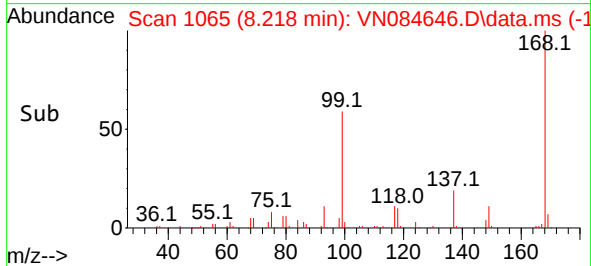


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Instrument :
MSVOA_N
ClientSampleId :

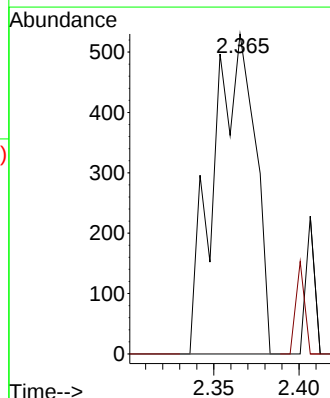
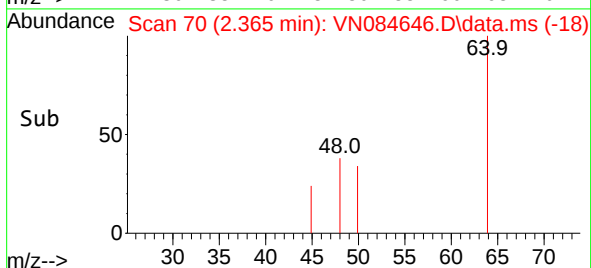
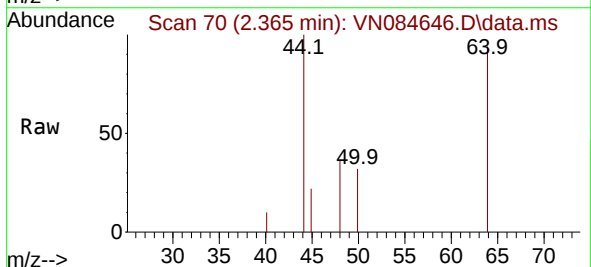


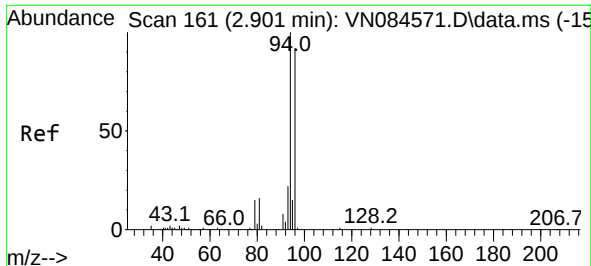
Tgt Ion:168 Resp: 157878
Ion Ratio Lower Upper
168 100
99 59.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 50 Resp: 899
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

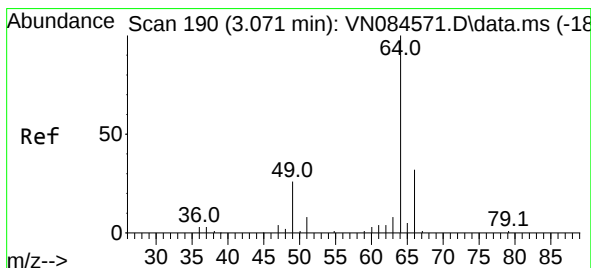
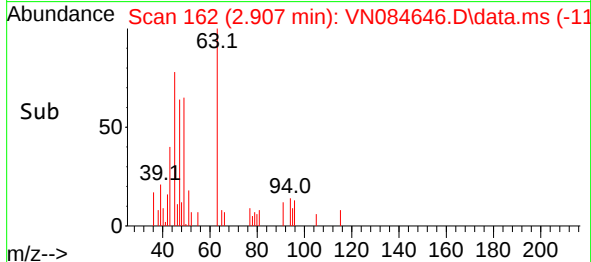
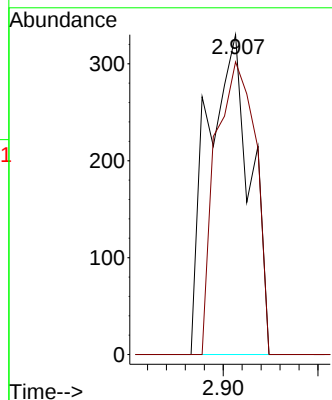
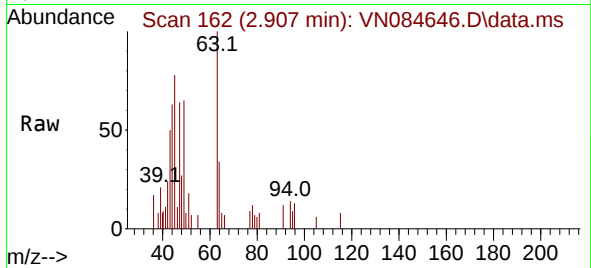




#5
Bromomethane
Concen: 0.499 ug/l
RT: 2.907 min Scan# 1
Delta R.T. -0.046 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

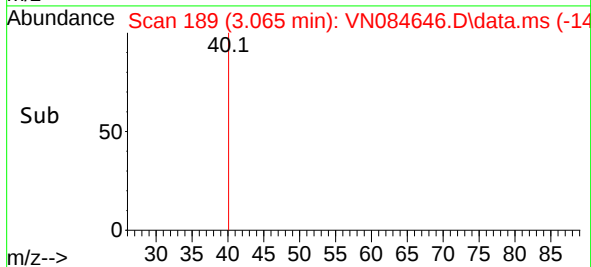
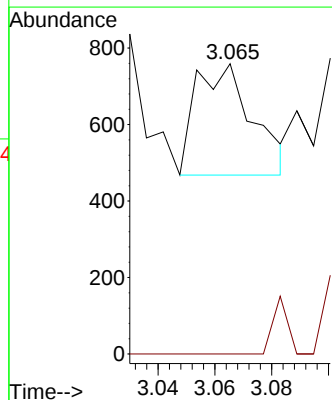
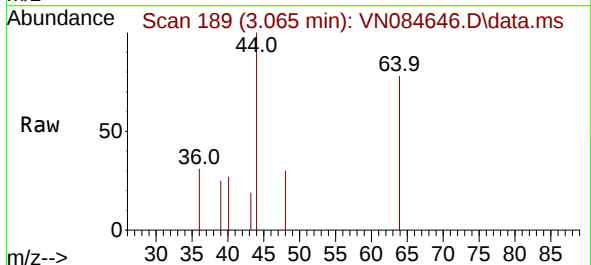
Instrument :
MSVOA_N
ClientSampleId :

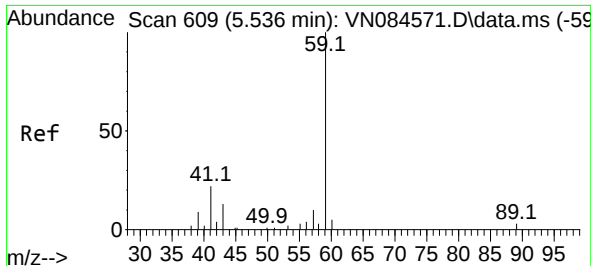
Tgt Ion: 94 Resp: 516
Ion Ratio Lower Upper
94 100
96 91.5 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 64 Resp: 403
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#11

Tert butyl alcohol

Concen: 4.273 ug/l

RT: 5.495 min Scan# 609

Delta R.T. -0.029 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

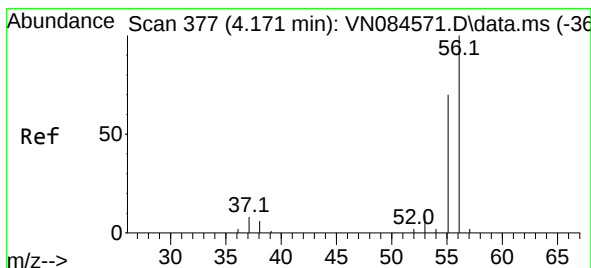
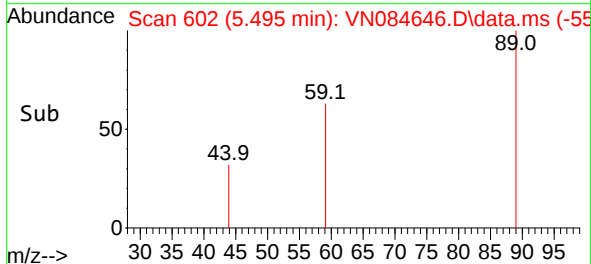
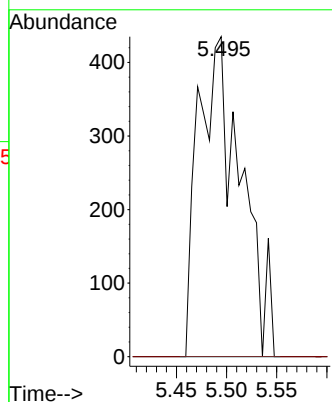
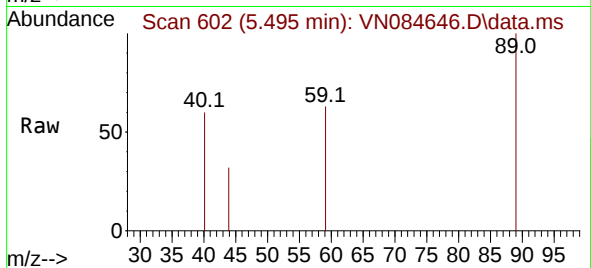
ClientSampleId :

Tgt Ion: 59 Resp: 1286

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.250 ug/l

RT: 4.171 min Scan# 377

Delta R.T. -0.006 min

Lab File: VN084646.D

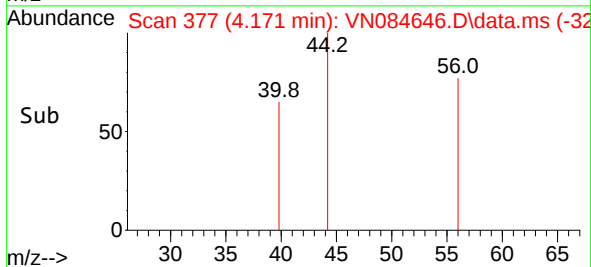
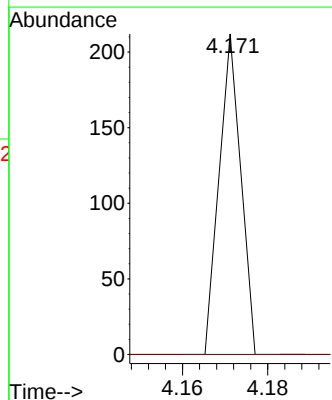
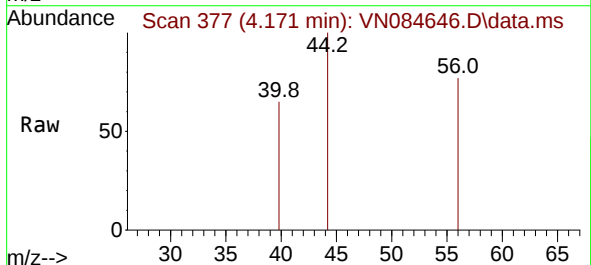
Acq: 04 Nov 2024 10:14

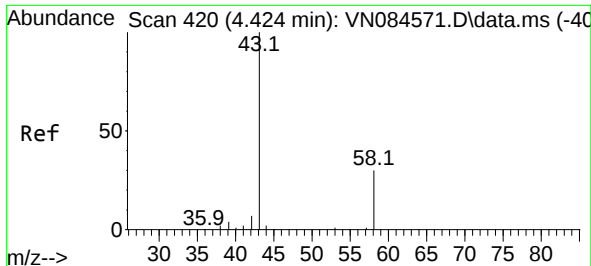
Tgt Ion: 56 Resp: 75

Ion Ratio Lower Upper

56 100

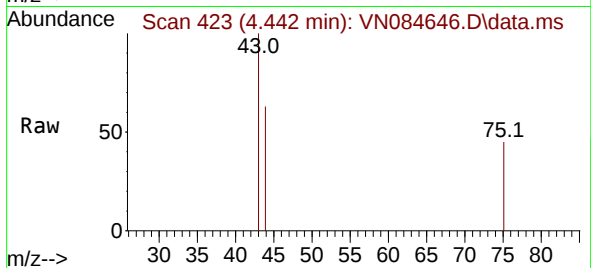
55 0.0 57.2 85.8#



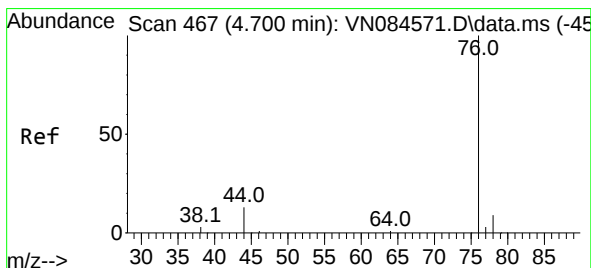
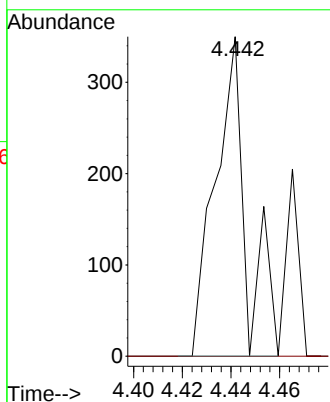
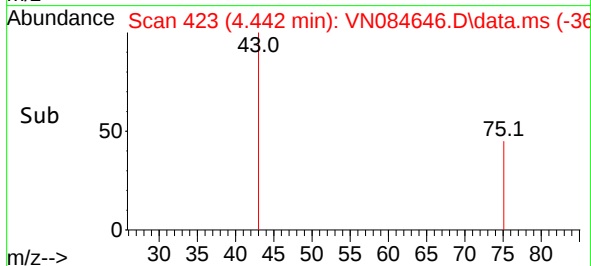


#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Instrument :
MSVOA_N
ClientSampleId :

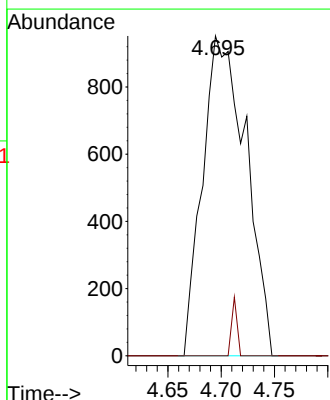
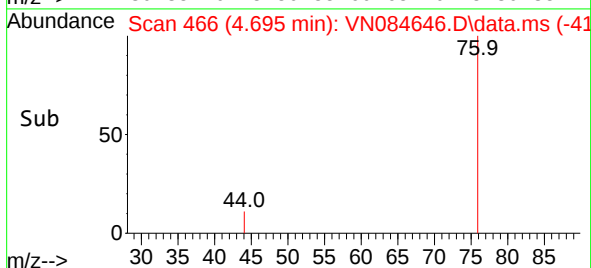
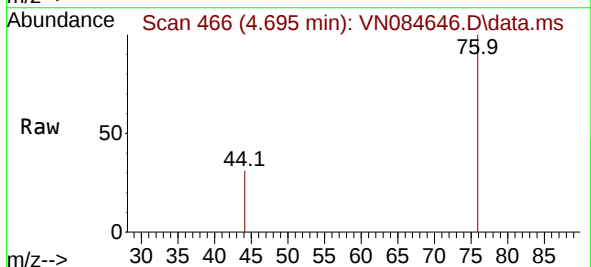


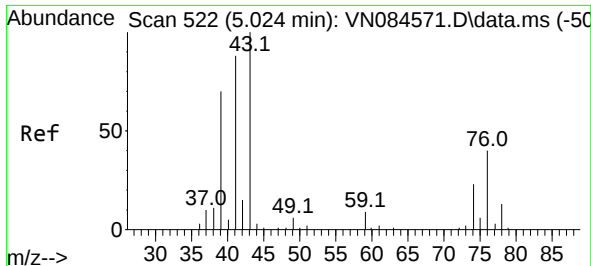
Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.486 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 76 Resp: 2690
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

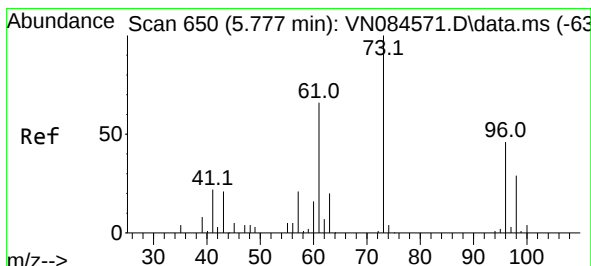
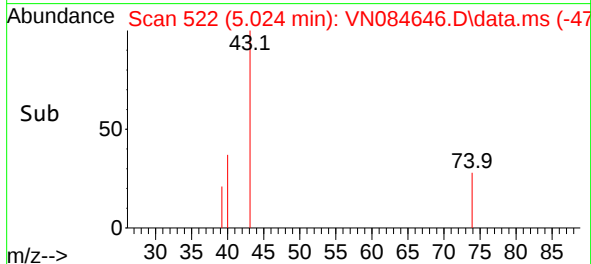
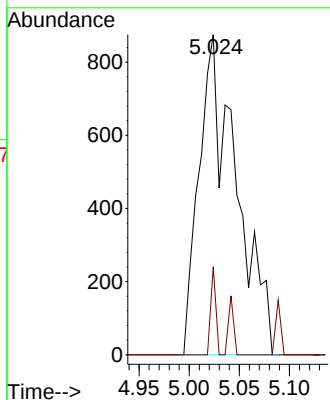
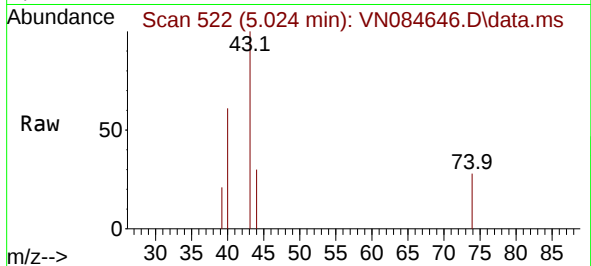




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084646.D
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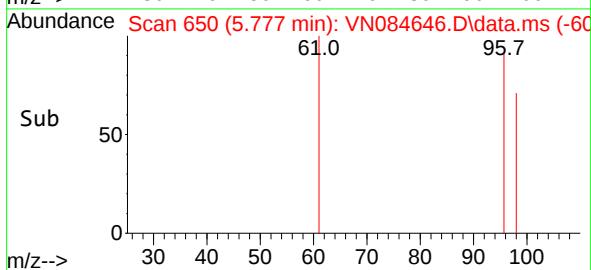
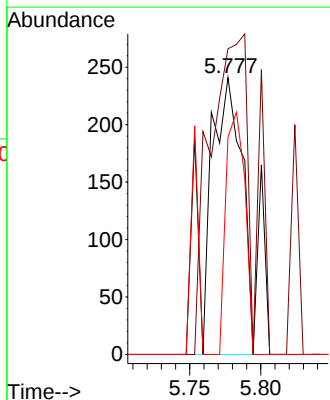
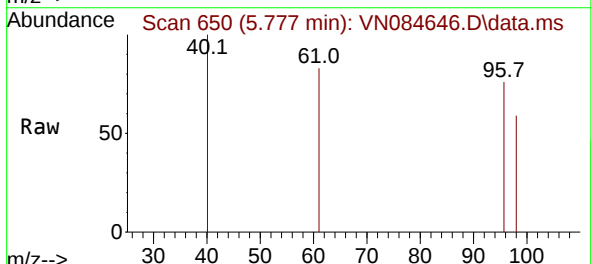
Instrument :
MSVOA_N
ClientSampleId :

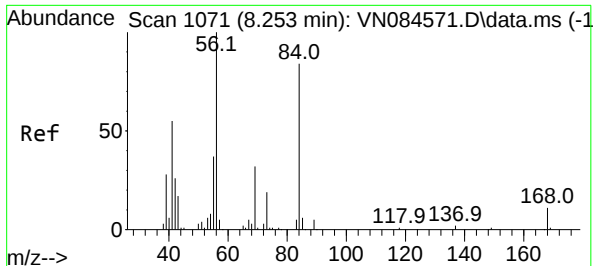
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
74 3.8 19.2 28.8#



#21
trans-1,2-Dichloroethene
Concen: 0.257 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 96 Resp: 474
Ion Ratio Lower Upper
96 100
61 110.4 108.4 162.6
98 78.4 49.8 74.8#





#31

Cyclohexane

Concen: 1.103 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.029 min

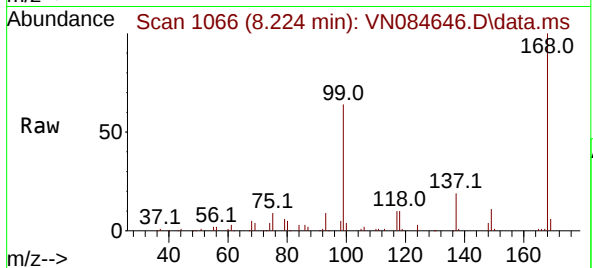
Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

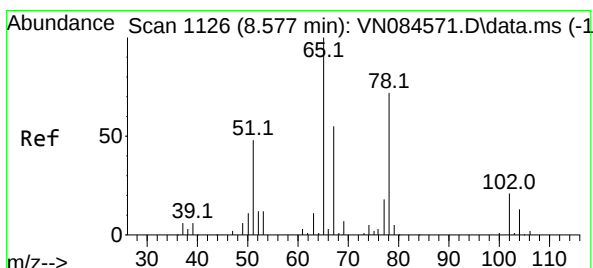
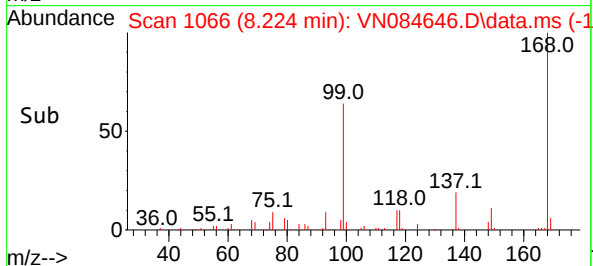
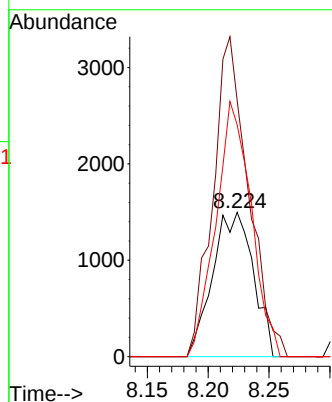
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 3474
Ion Ratio	Lower Upper
56	100
69	177.6 23.8 35.6#
84	160.7 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 49.349 ug/l

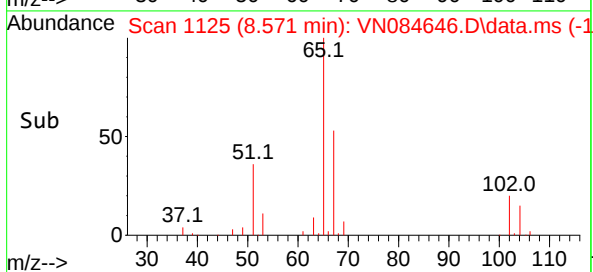
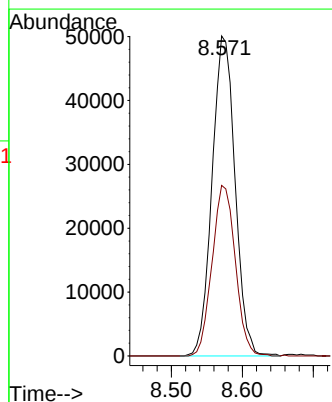
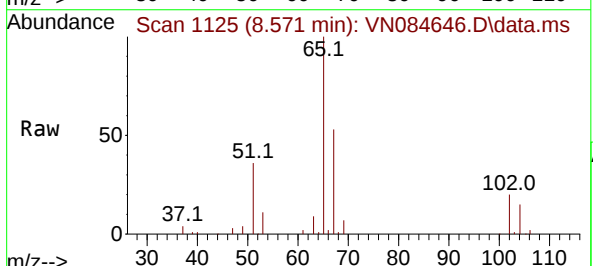
RT: 8.571 min Scan# 1125

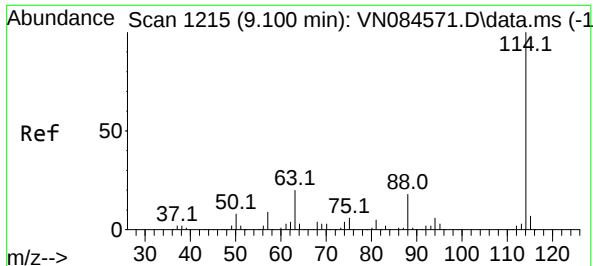
Delta R.T. -0.006 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Tgt Ion: 65	Resp: 112531
Ion Ratio	Lower Upper
65	100
67	53.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

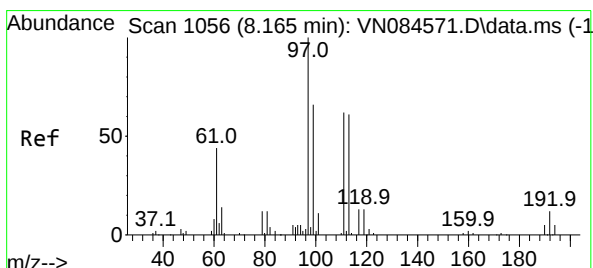
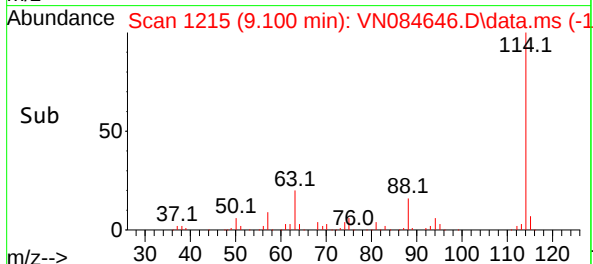
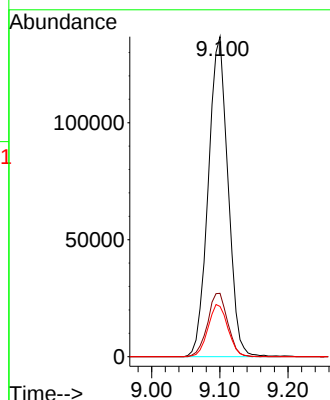
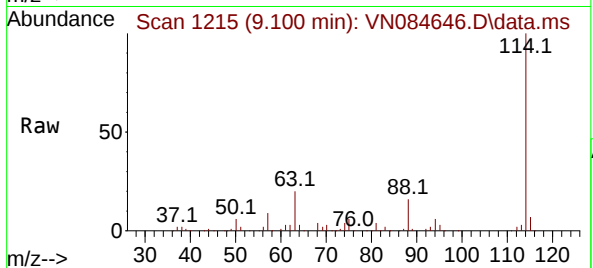
Tgt Ion:114 Resp: 275013

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.8

88 15.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.706 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

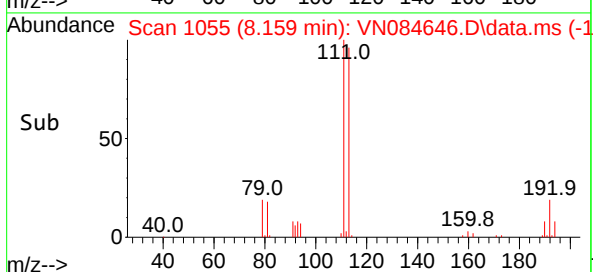
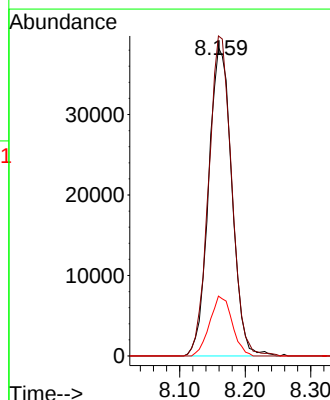
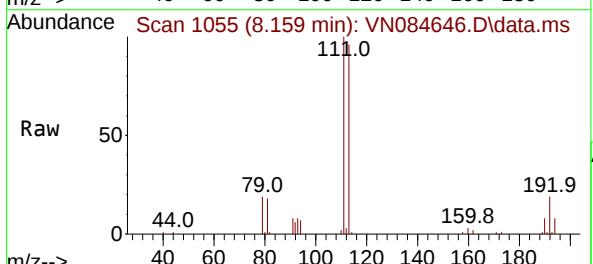
Tgt Ion:113 Resp: 94390

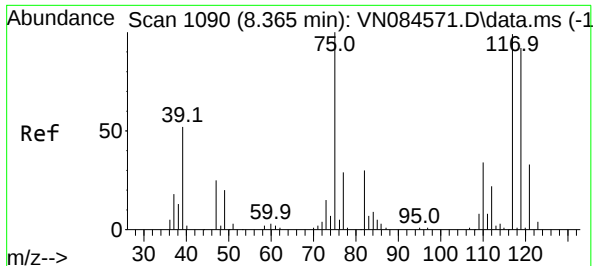
Ion Ratio Lower Upper

113 100

111 102.7 83.3 124.9

192 18.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 0.262 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.012 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

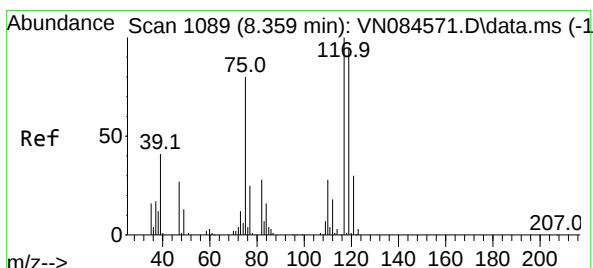
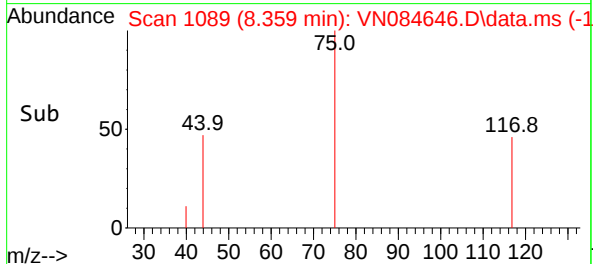
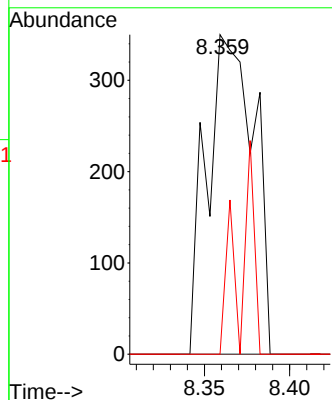
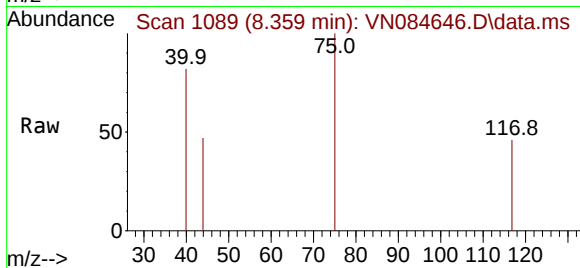
Tgt Ion: 75 Resp: 676

Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 8.9 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.007 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

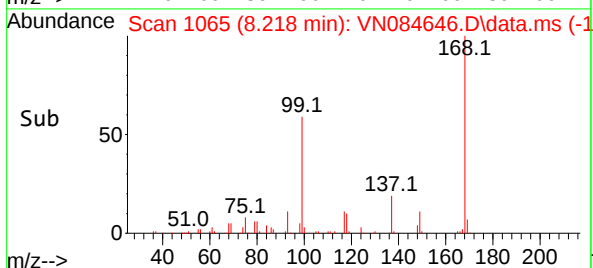
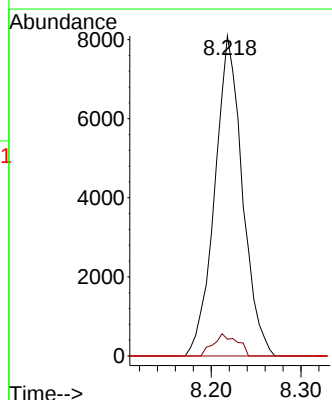
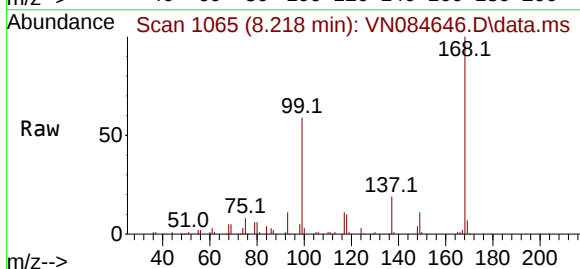
Tgt Ion: 117 Resp: 17334

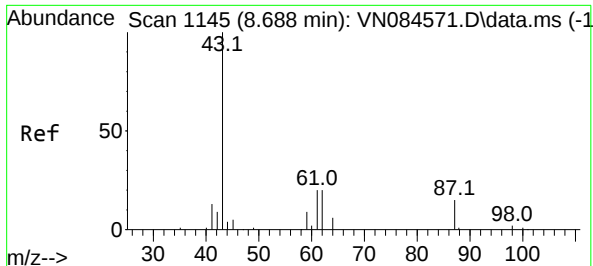
Ion Ratio Lower Upper

117 100

119 5.3 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

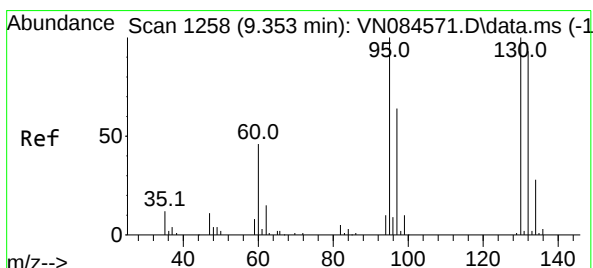
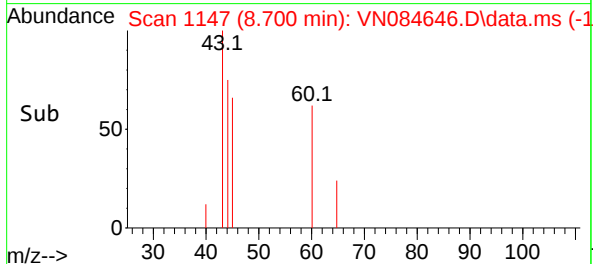
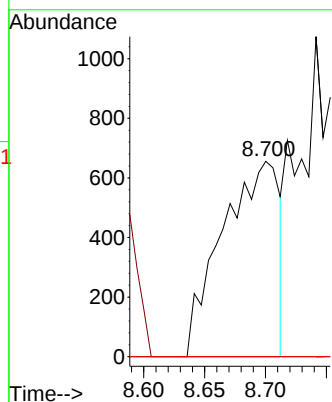
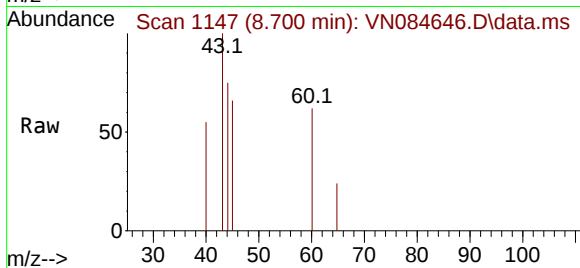
Tgt Ion: 43 Resp: 2133

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 0.363 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. -0.006 min

Lab File: VN084646.D

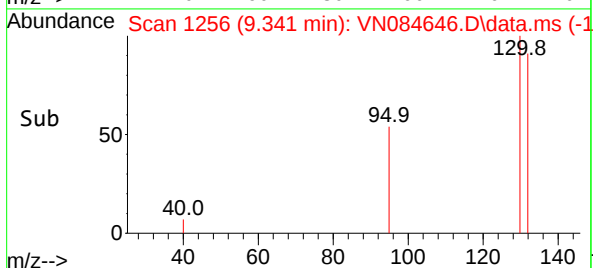
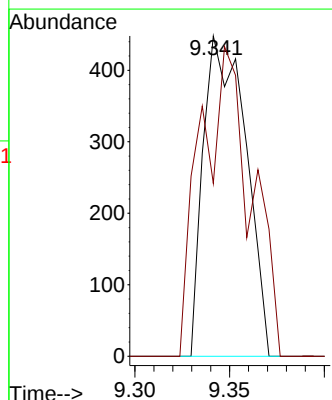
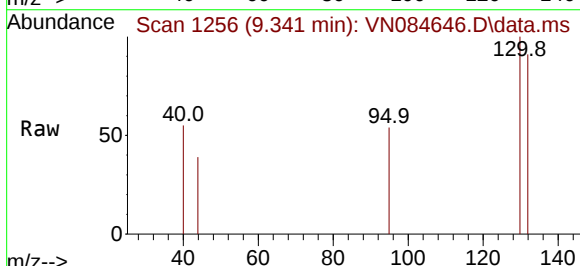
Acq: 04 Nov 2024 10:14

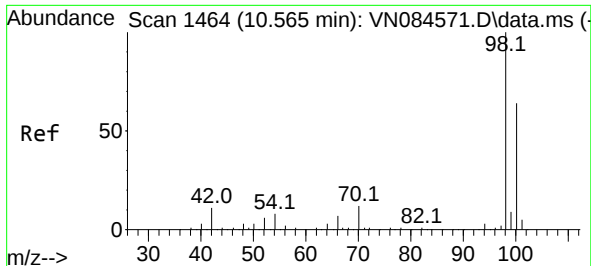
Tgt Ion: 130 Resp: 694

Ion Ratio Lower Upper

130 100

95 54.0 0.0 203.0

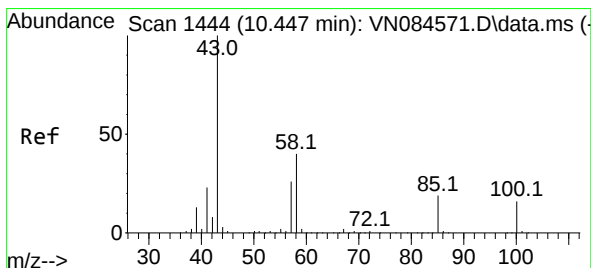
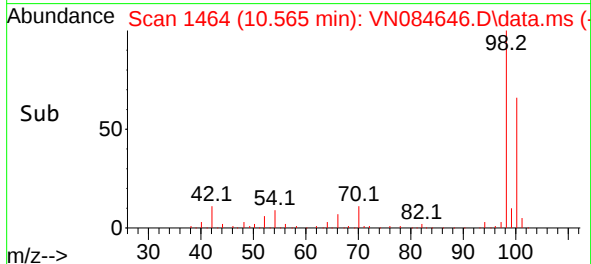
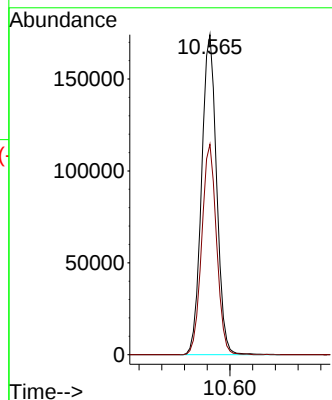
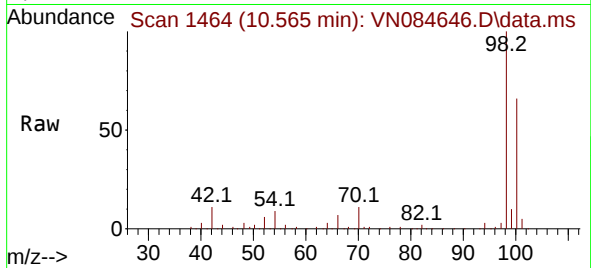




#50
Toluene-d8
Concen: 46.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

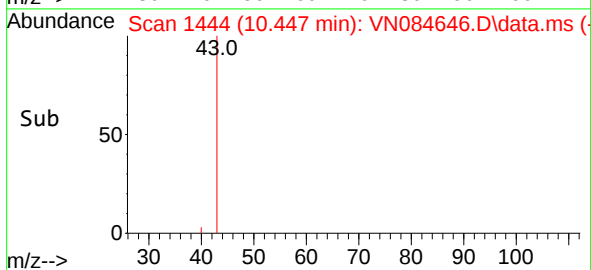
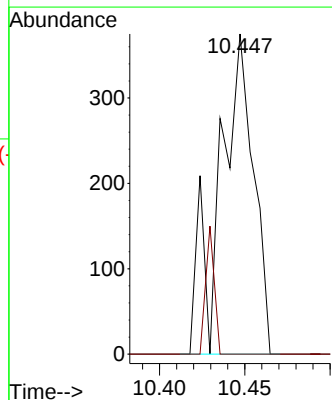
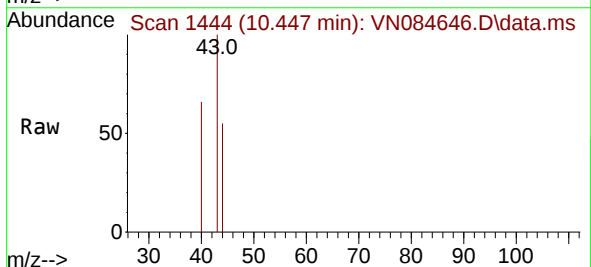
Instrument :
MSVOA_N
ClientSampleId :

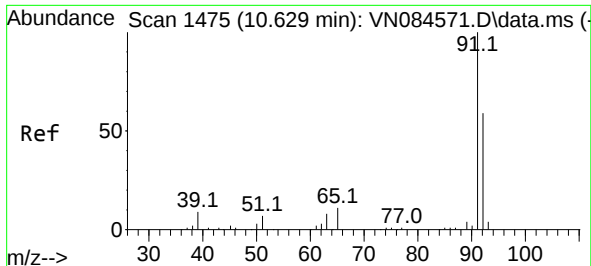
Tgt Ion: 98 Resp: 319192
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.235 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 43 Resp: 524
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

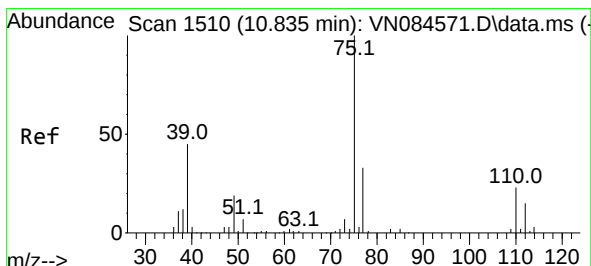
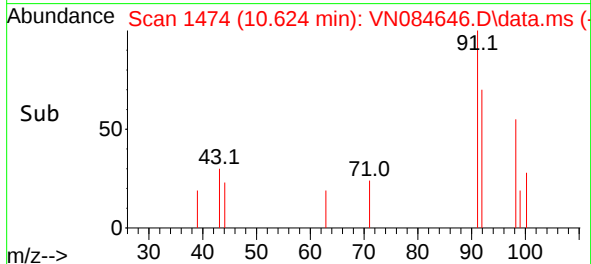
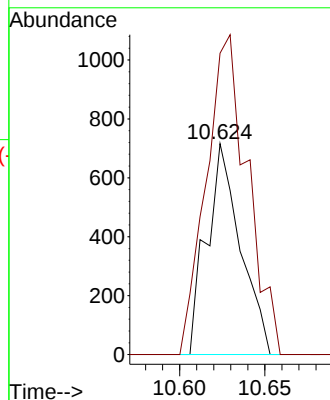
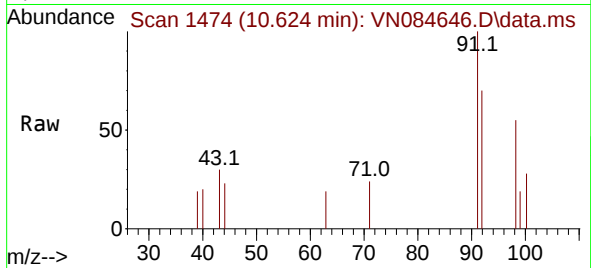




#52
Toluene
Concen: 0.203 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

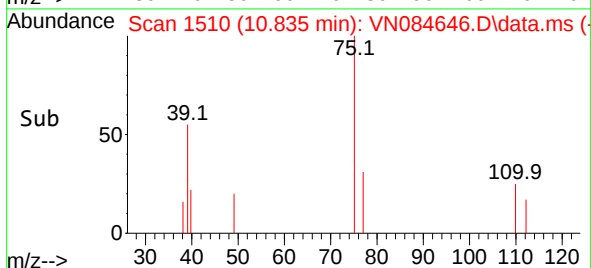
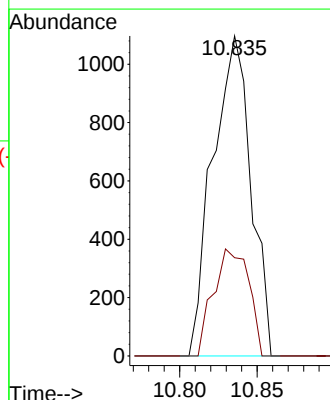
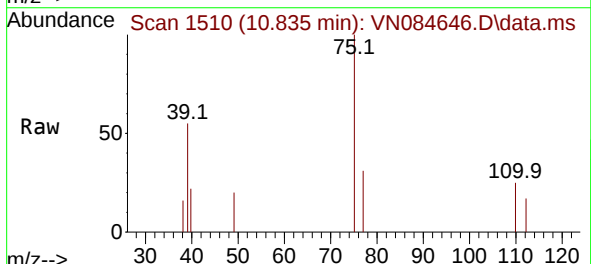
Instrument :
MSVOA_N
ClientSampleId :

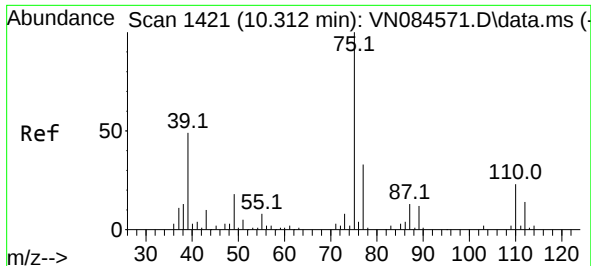
Tgt Ion: 92 Resp: 986
Ion Ratio Lower Upper
92 100
91 185.7 137.3 205.9



#53
t-1,3-Dichloropropene
Concen: 0.627 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

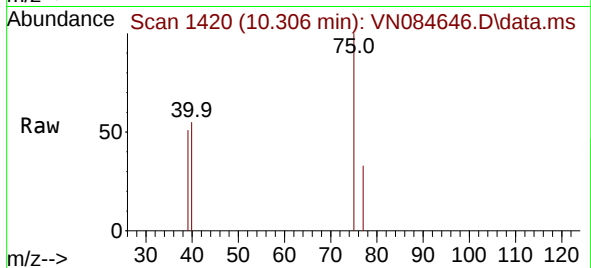
Tgt Ion: 75 Resp: 1878
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0



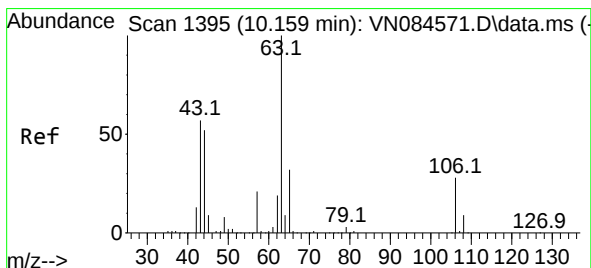
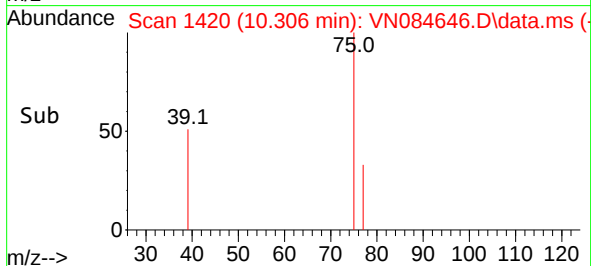
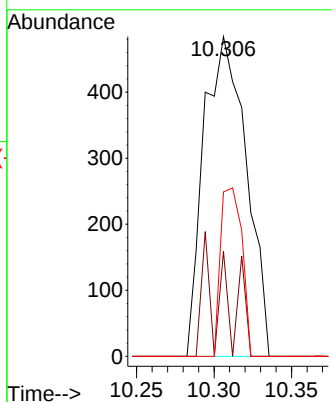


#54
 cis-1,3-Dichloropropene
 Concen: 0.291 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

Instrument :
 MSVOA_N
 ClientSampleId :

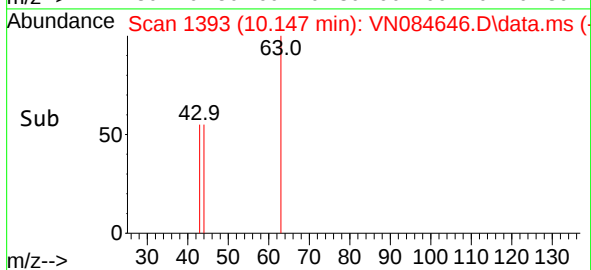
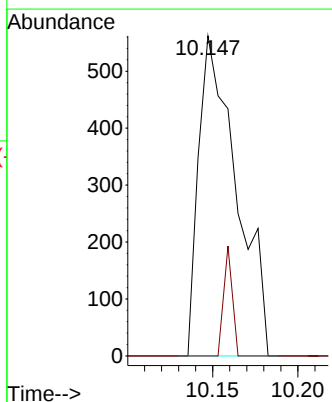
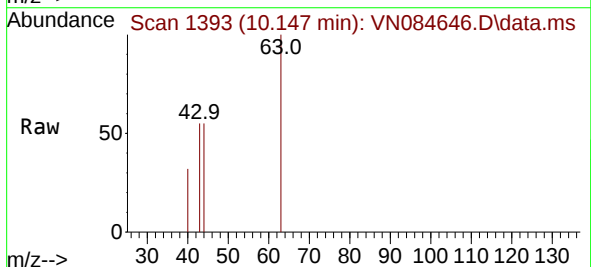


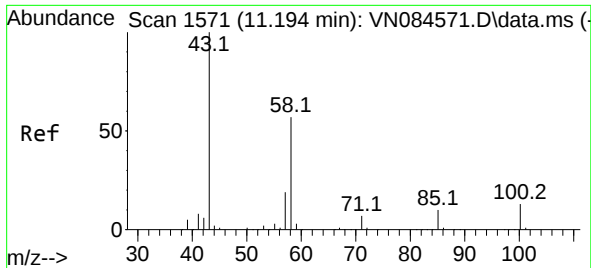
Tgt Ion: 75 Resp: 923
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.2 36.2
 39 51.4 38.7 58.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.703 ug/l
 RT: 10.147 min Scan# 1393
 Delta R.T. -0.012 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

Tgt Ion: 63 Resp: 869
 Ion Ratio Lower Upper
 63 100
 106 7.8 21.8 32.6#

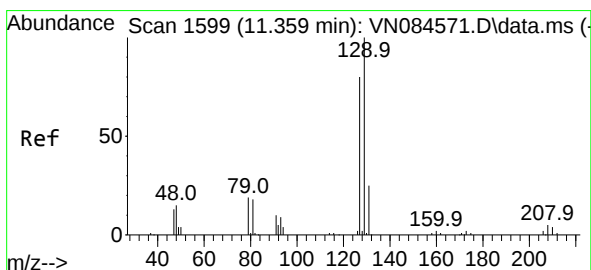
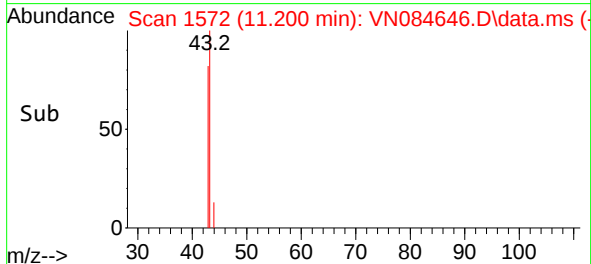
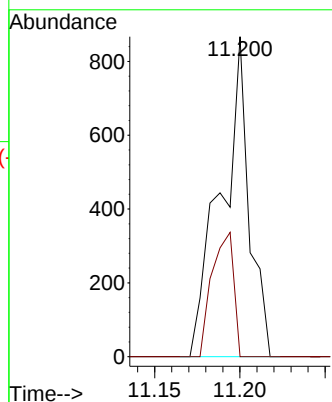
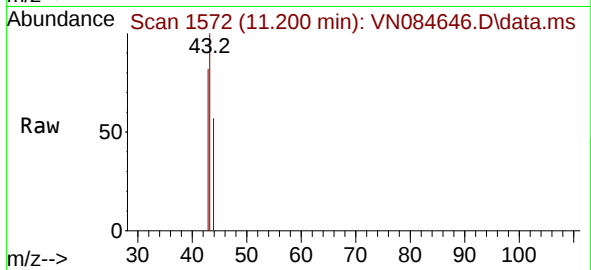




#59
2-Hexanone
Concen: 0.610 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

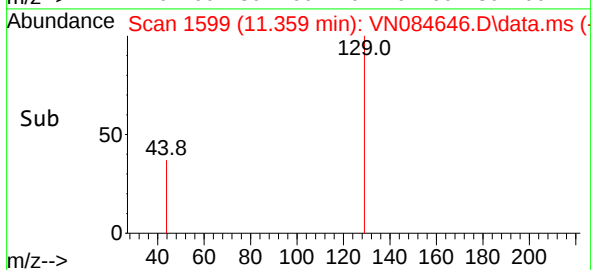
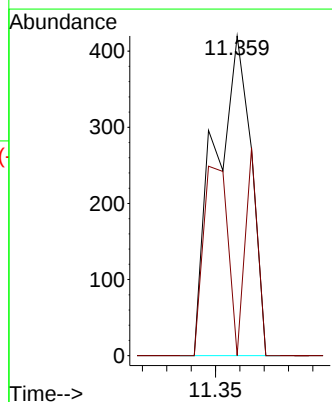
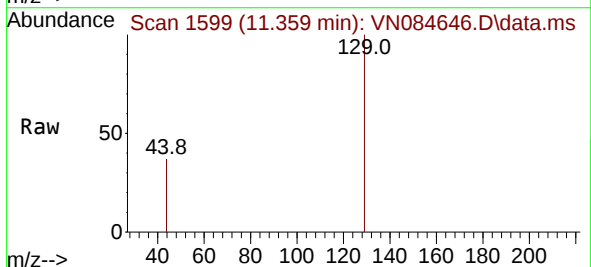
Instrument :
MSVOA_N
ClientSampleId :

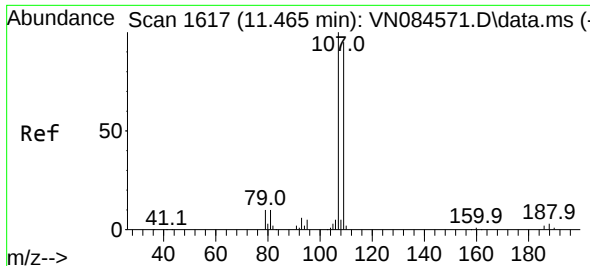
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 30.0 27.3 81.8



#60
Dibromochloromethane
Concen: 0.208 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 129 Resp: 434
Ion Ratio Lower Upper
129 100
127 39.9 38.3 114.9

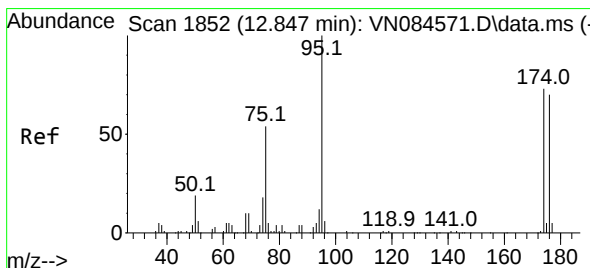
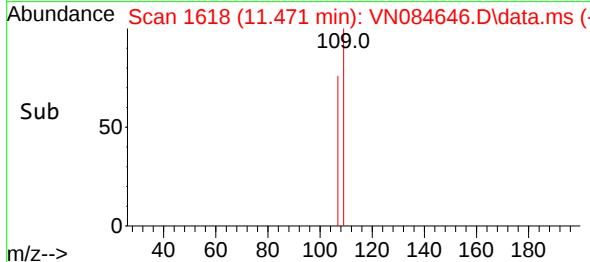
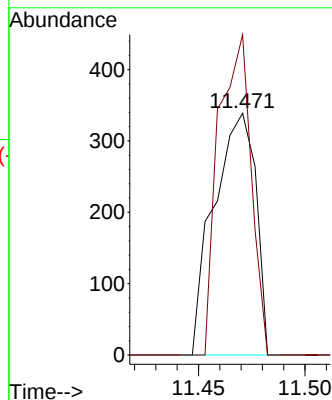
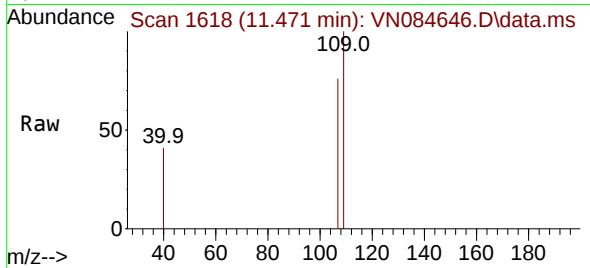




#61
1,2-Dibromoethane
Concen: 0.248 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

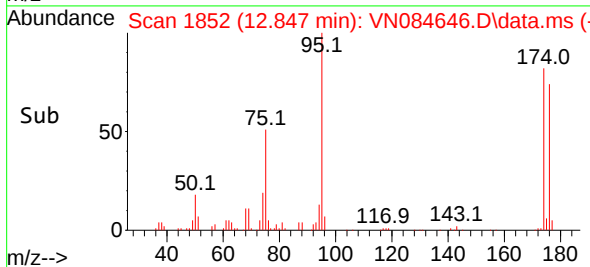
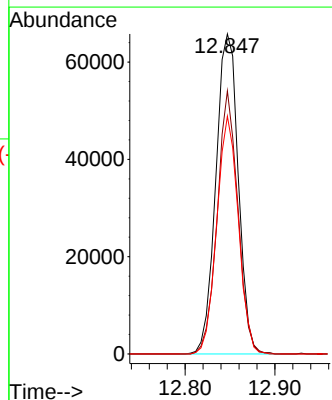
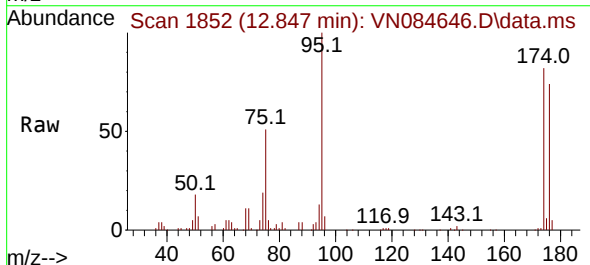
Instrument :
MSVOA_N
ClientSampleId :

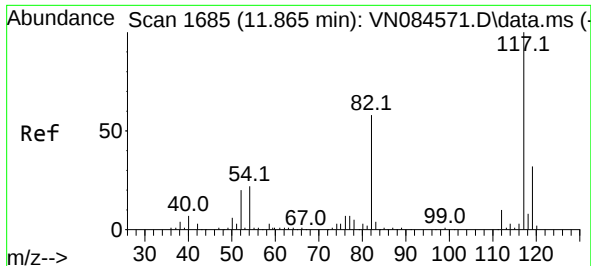
Tgt Ion:107 Resp: 464
Ion Ratio Lower Upper
107 100
109 102.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 44.484 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 95 Resp: 114001
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 71.5 0.0 140.0

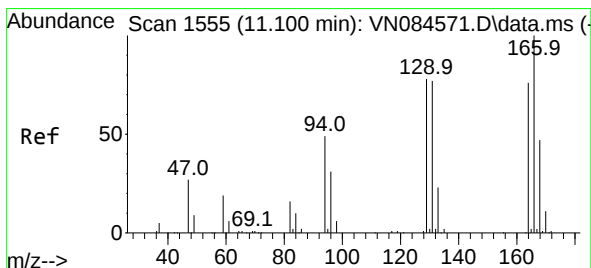
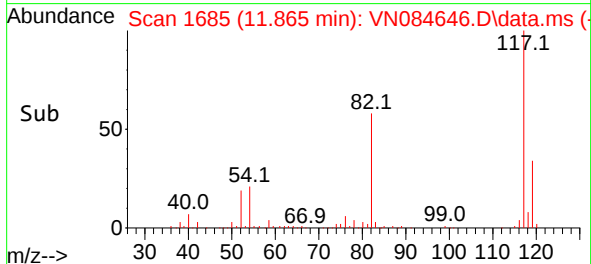
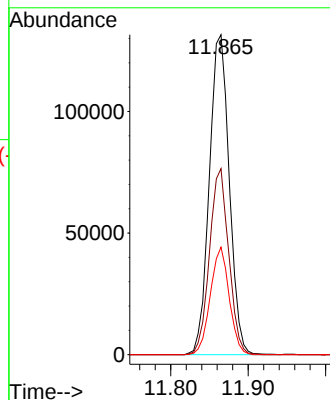
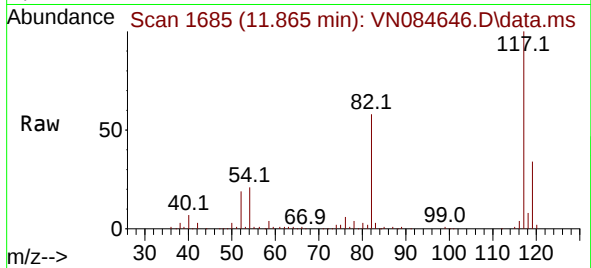




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

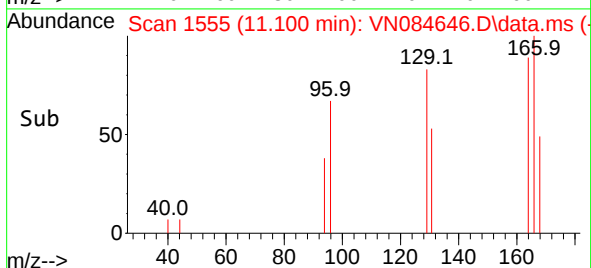
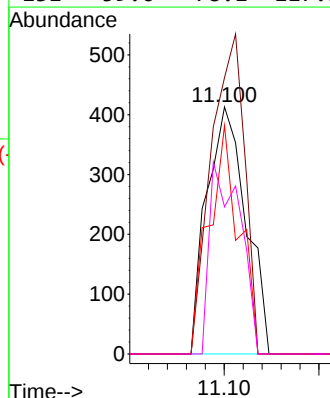
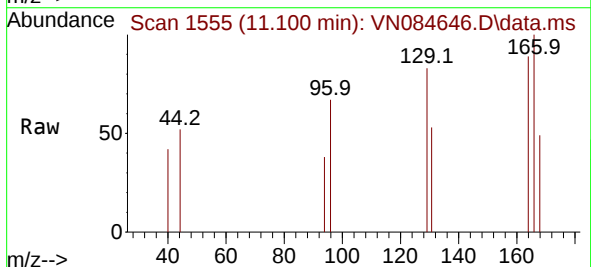
Instrument :
MSVOA_N
ClientSampleId :

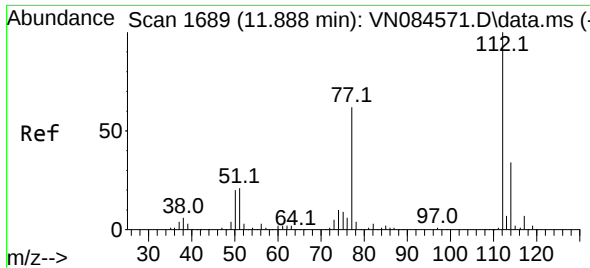
Tgt Ion:117 Resp: 235777
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 33.6 25.4 38.0



#64
Tetrachloroethene
Concen: 0.381 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion:164 Resp: 597
Ion Ratio Lower Upper
164 100
166 111.9 101.0 151.4
129 92.5 80.8 121.2
131 59.6 78.1 117.1#

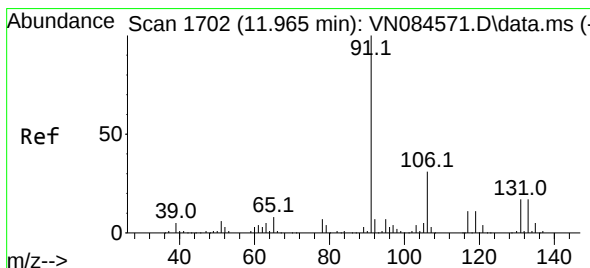
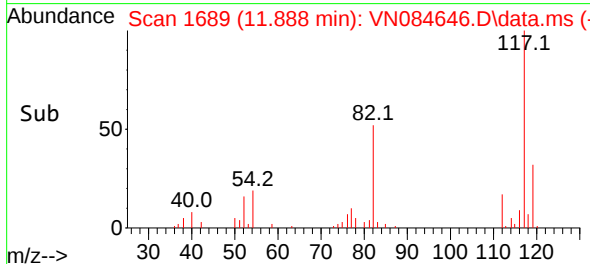
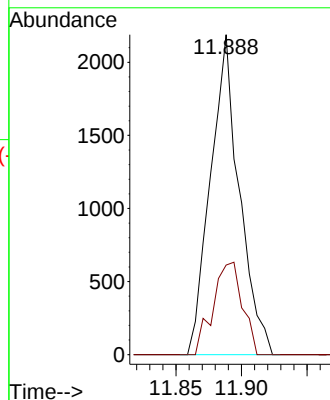
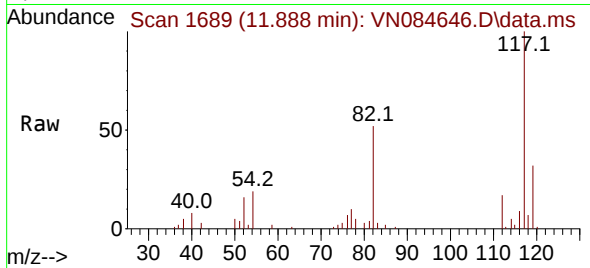




#65
Chlorobenzene
Concen: 0.635 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

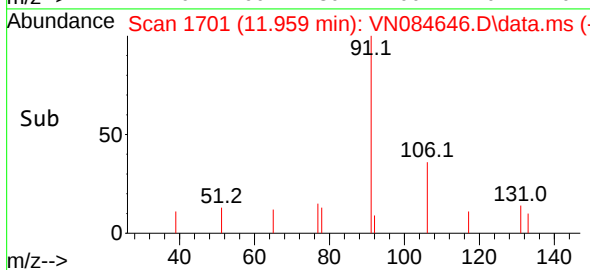
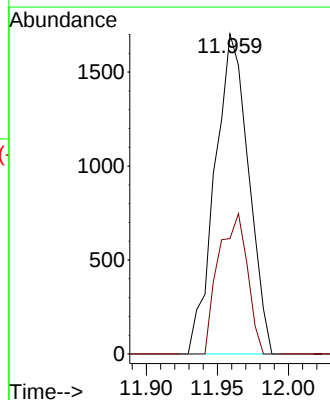
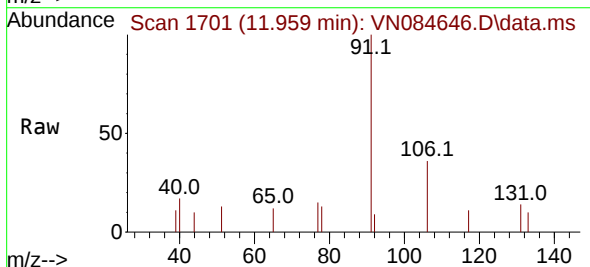
Instrument :
MSVOA_N
ClientSampleId :

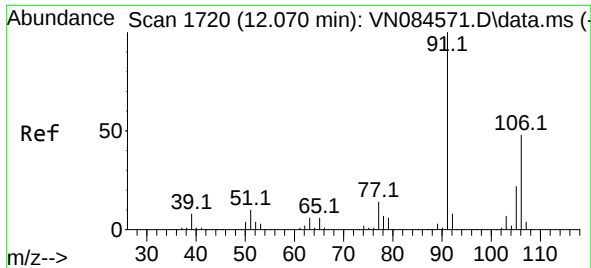
Tgt Ion:112 Resp: 3349
Ion Ratio Lower Upper
112 100
114 28.0 27.0 40.6



#67
Ethyl Benzene
Concen: 0.319 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 91 Resp: 2805
Ion Ratio Lower Upper
91 100
106 36.1 24.5 36.7

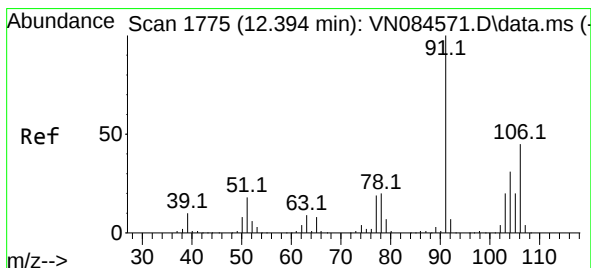
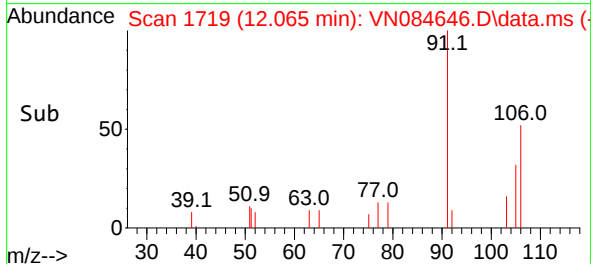
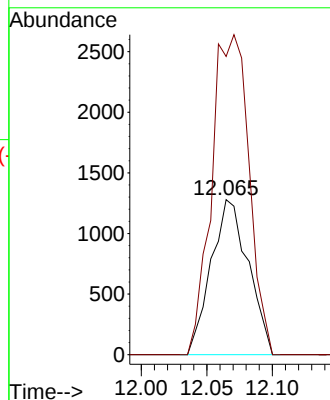
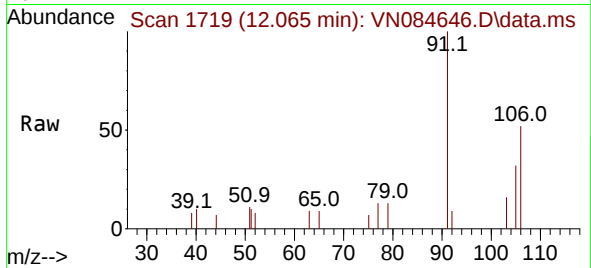




#68
m/p-Xylenes
Concen: 0.757 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

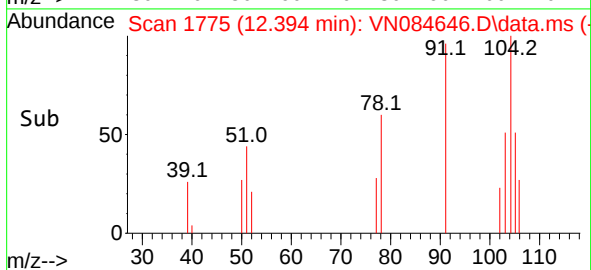
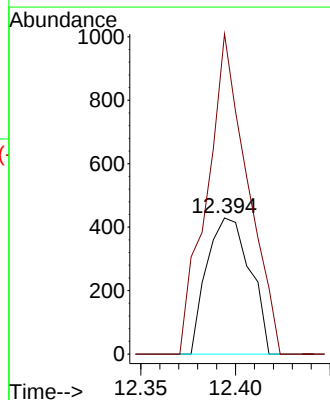
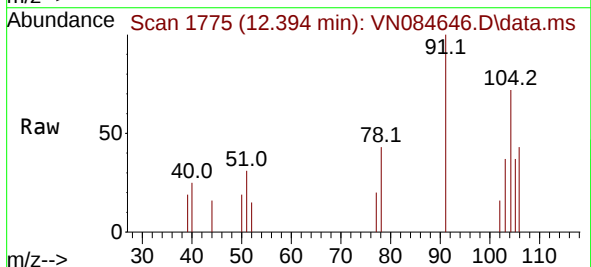
Instrument :
MSVOA_N
ClientSampleId :

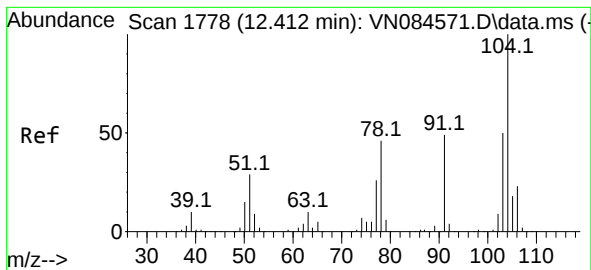
Tgt Ion:106 Resp: 2523
Ion Ratio Lower Upper
106 100
91 207.2 167.1 250.7



#69
o-Xylene
Concen: 0.219 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion:106 Resp: 682
Ion Ratio Lower Upper
106 100
91 219.5 110.2 330.6





#70

Styrene

Concen: 0.502 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

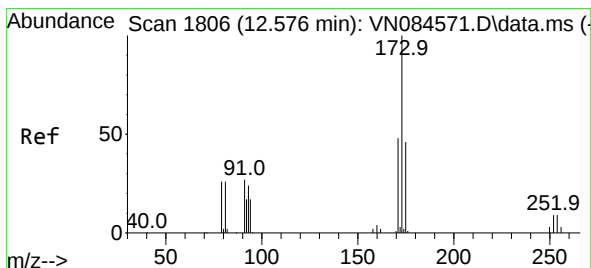
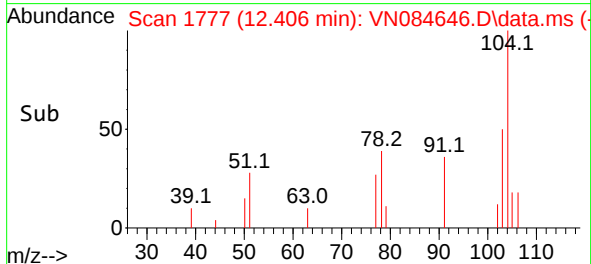
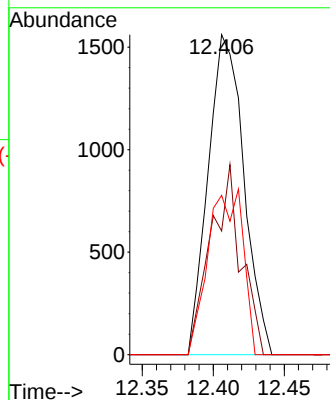
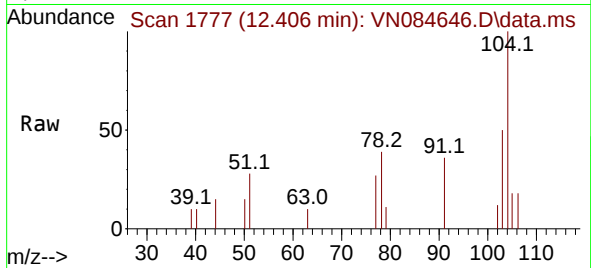
Tgt Ion:104 Resp: 2731

Ion Ratio Lower Upper

104 100

78 50.7 42.7 64.1

103 50.2 43.6 65.4



#71

Bromoform

Concen: 0.345 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

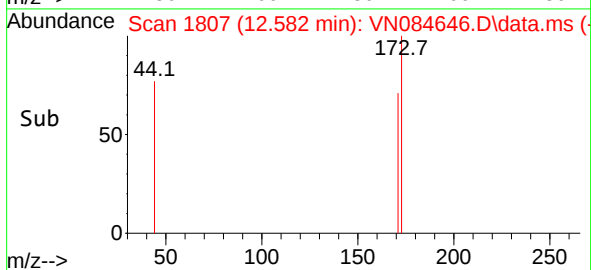
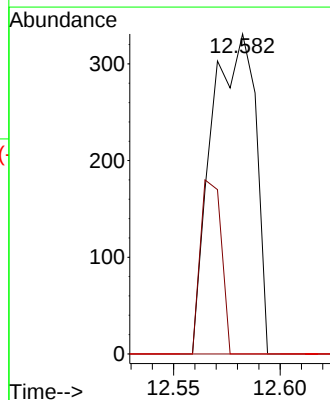
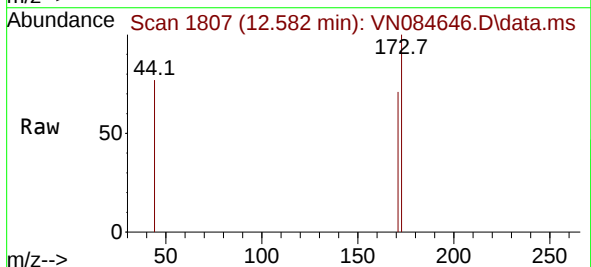
Tgt Ion:173 Resp: 476

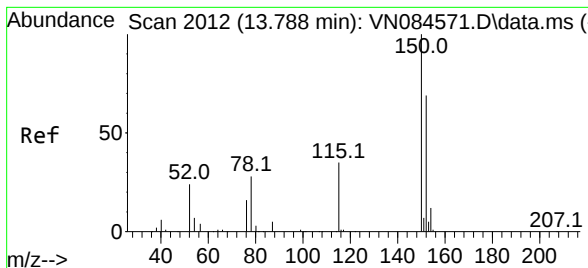
Ion Ratio Lower Upper

173 100

175 0.0 23.5 70.6#

254 0.0 0.0 0.0

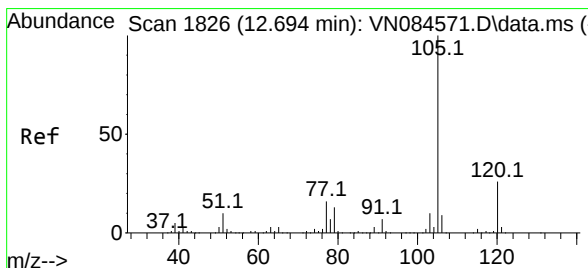
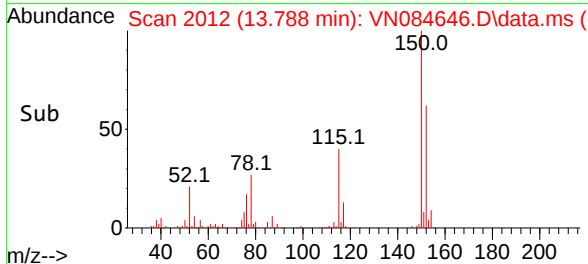
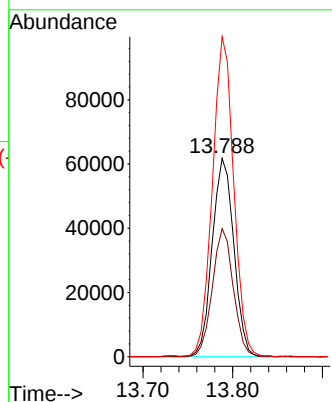
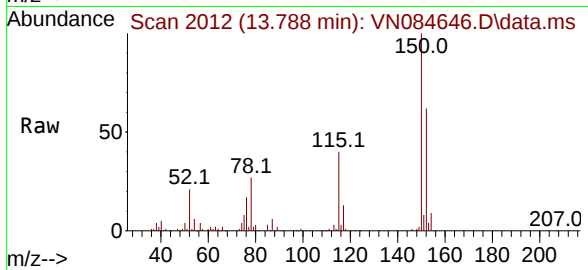




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

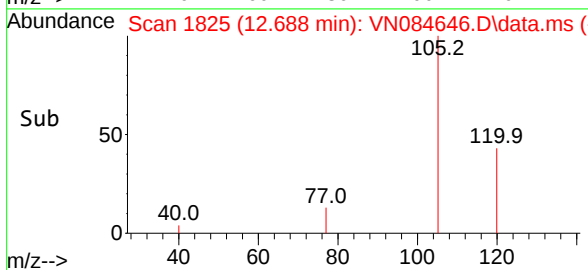
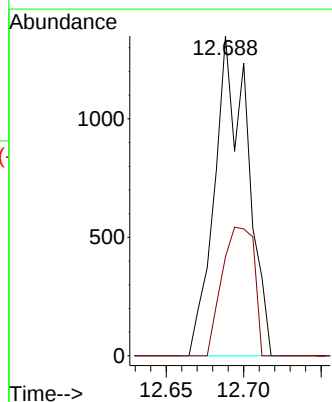
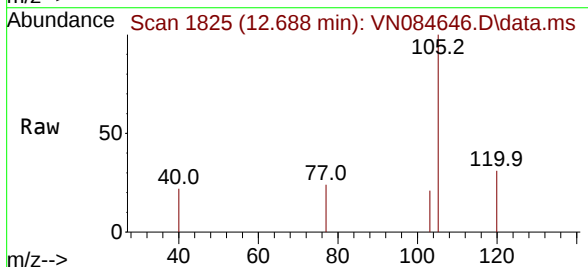
Instrument :
 MSVOA_N
 ClientSampleId :

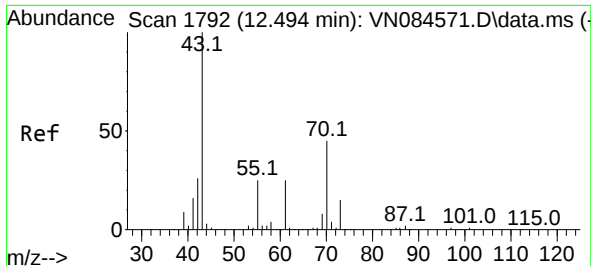
Tgt Ion:152 Resp: 103376
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.3 93.9
 150 158.8 0.0 349.8



#73
 Isopropylbenzene
 Concen: 0.276 ug/l
 RT: 12.688 min Scan# 1825
 Delta R.T. -0.006 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

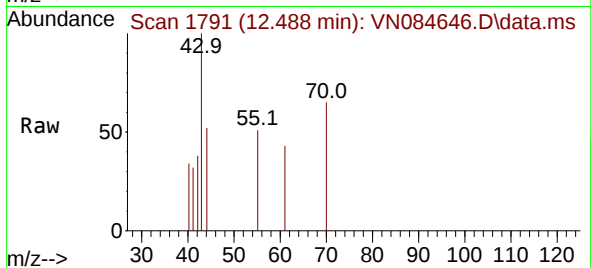
Tgt Ion:105 Resp: 2001
 Ion Ratio Lower Upper
 105 100
 120 39.1 12.9 38.7#



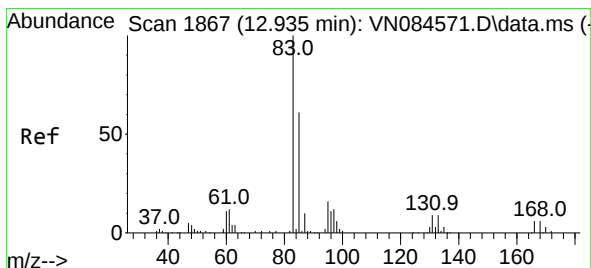
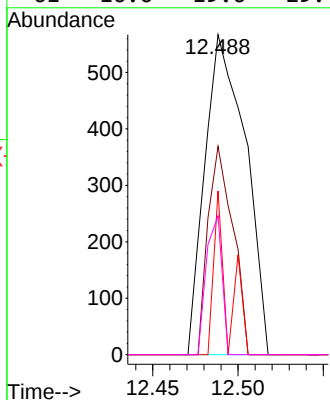
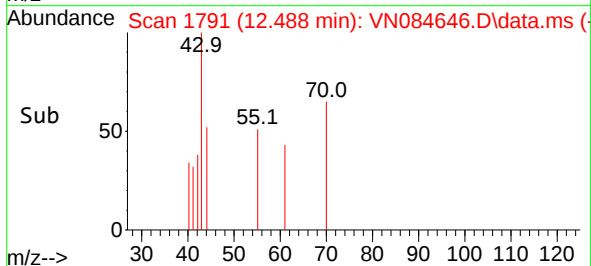


#74
N-amy1 acetate
Concen: 0.304 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

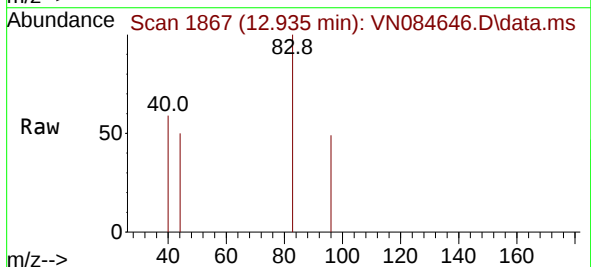
Instrument :
MSVOA_N
ClientSampleId :



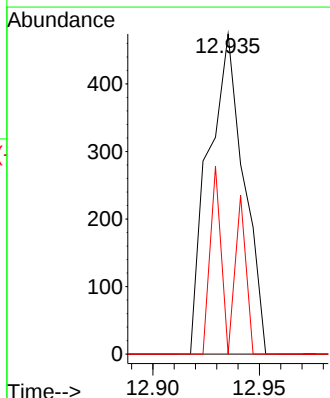
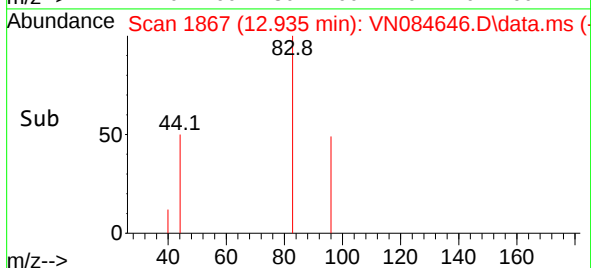
Tgt Ion: 43	Resp: 937
Ion Ratio	Lower Upper
43 100	
70 40.0	34.4 51.6
55 17.6	19.6 29.4#
61 16.6	19.6 29.4#

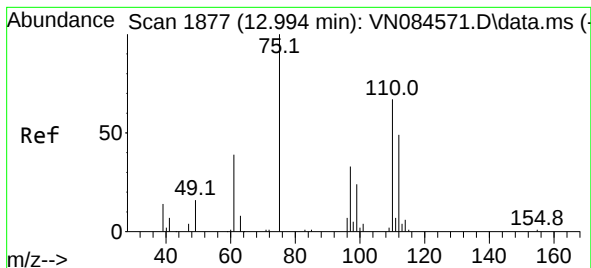


#75
1,1,2,2-Tetrachloroethane
Concen: 0.226 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14



Tgt Ion: 83	Resp: 547
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 33.1	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 0.842 ug/l

RT: 12.965 min Scan# 1872

Delta R.T. -0.023 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

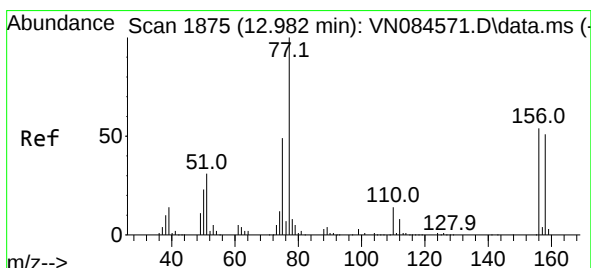
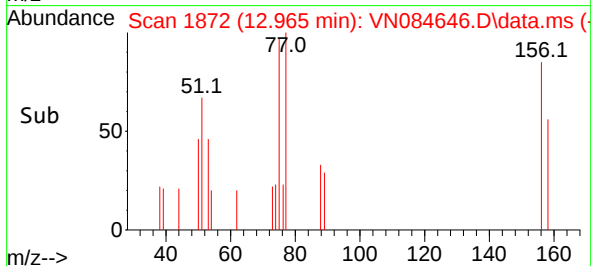
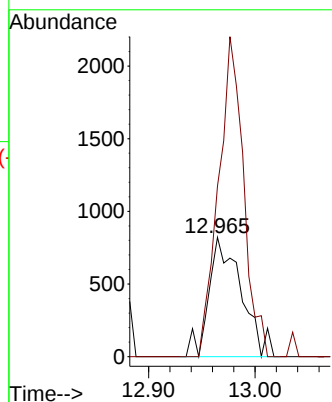
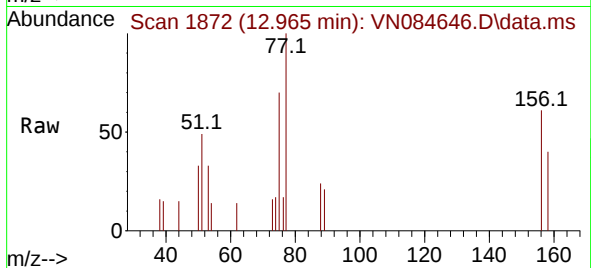
ClientSampleId :

Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

77 207.3 96.9 290.7



#77

Bromobenzene

Concen: 1.092 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

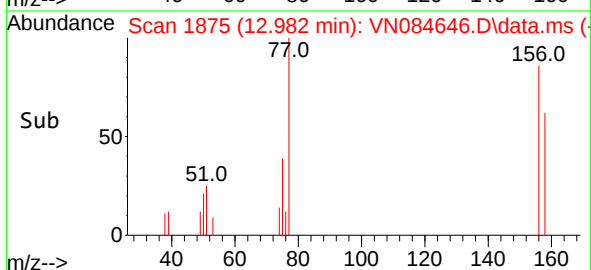
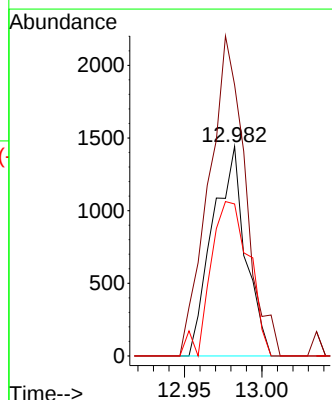
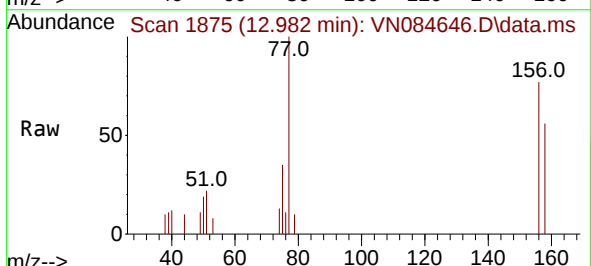
Tgt Ion:156 Resp: 2127

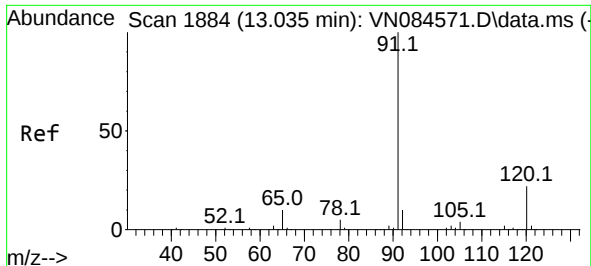
Ion Ratio Lower Upper

156 100

77 169.6 115.1 345.3

158 86.3 48.9 146.8

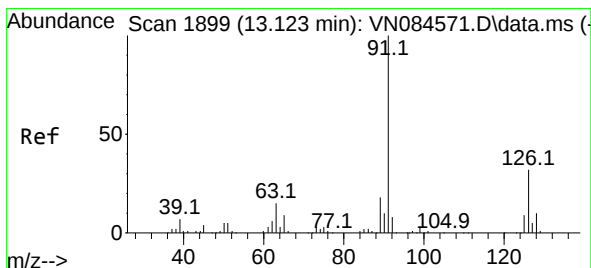
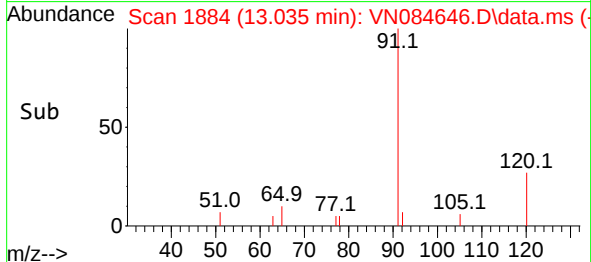
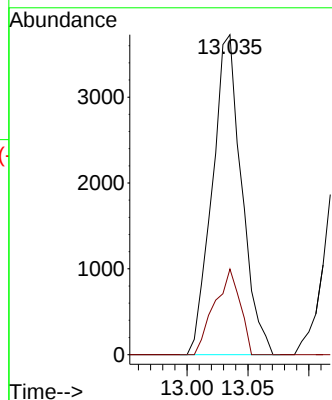
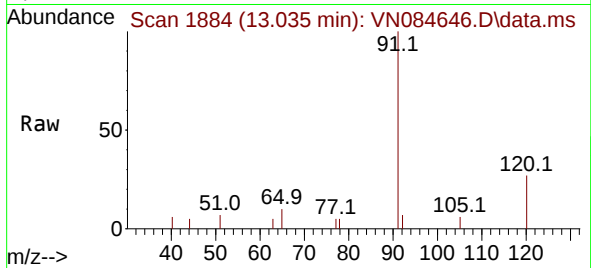




#78
n-propylbenzene
Concen: 0.738 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

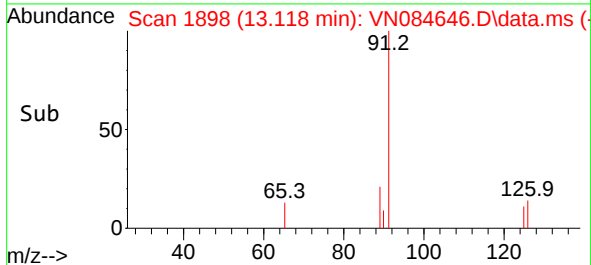
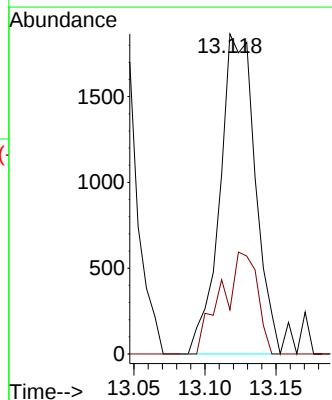
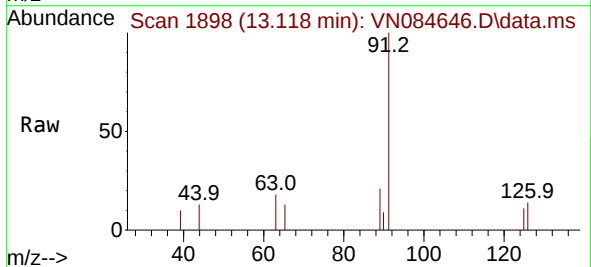
Instrument :
MSVOA_N
ClientSampleId :

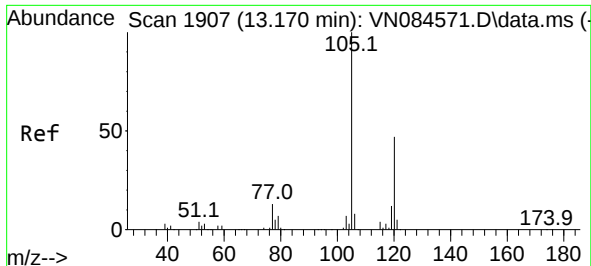
Tgt Ion: 91 Resp: 6263
Ion Ratio Lower Upper
91 100
120 23.2 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.581 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 91 Resp: 3225
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1

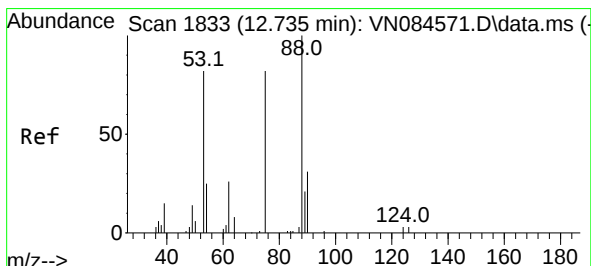
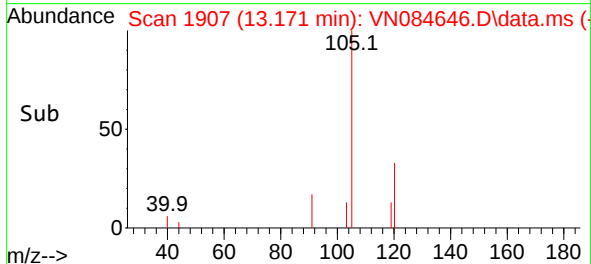
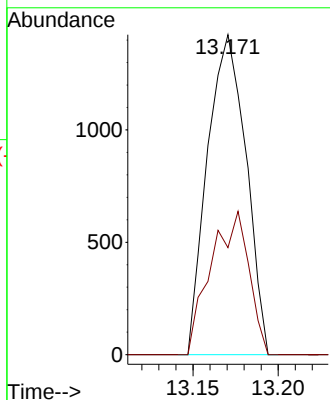
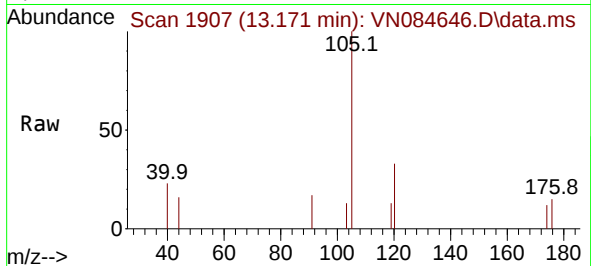




#80
 1,3,5-Trimethylbenzene
 Concen: 0.373 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

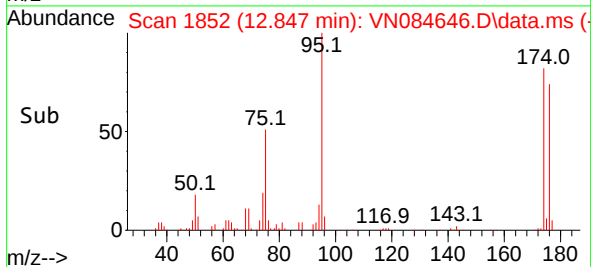
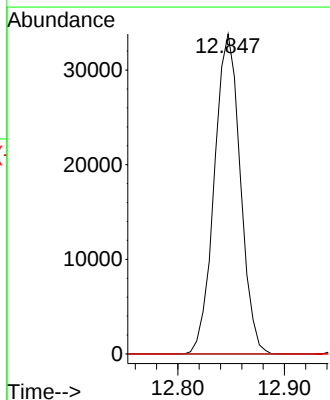
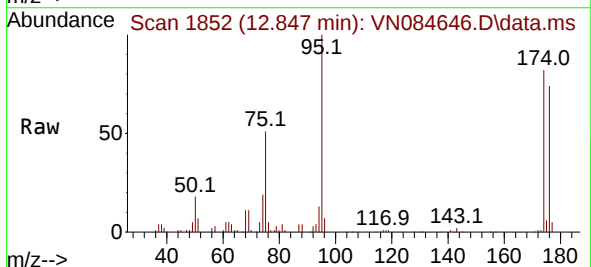
Instrument :
 MSVOA_N
 ClientSampleId :

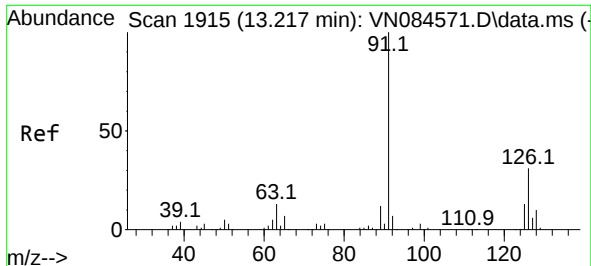
Tgt Ion:105 Resp: 2242
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.653 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

Tgt Ion: 75 Resp: 57186
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

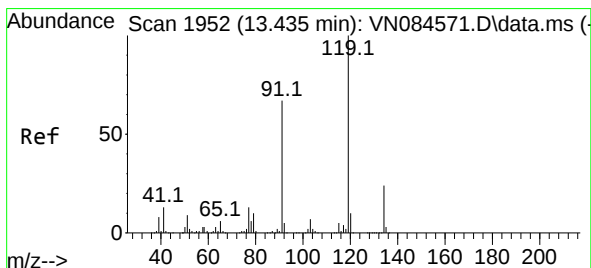
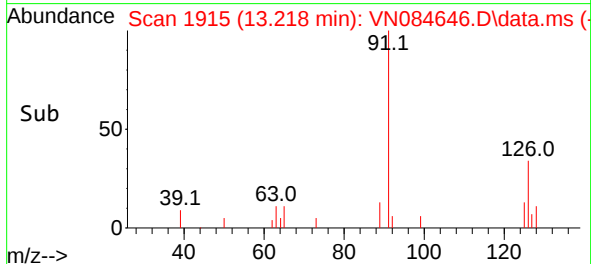
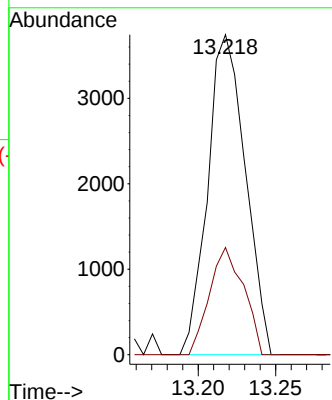
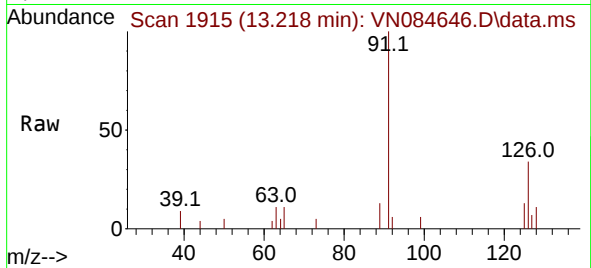




#82
4-Chlorotoluene
Concen: 1.083 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

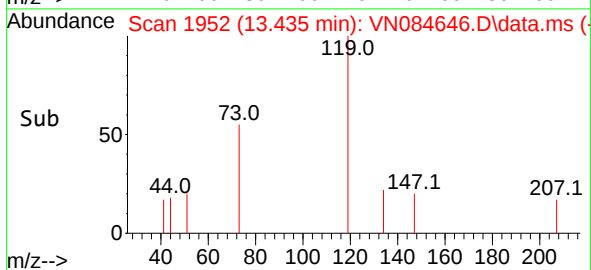
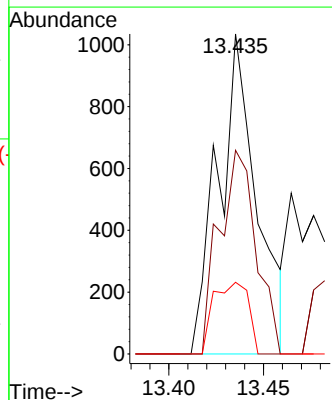
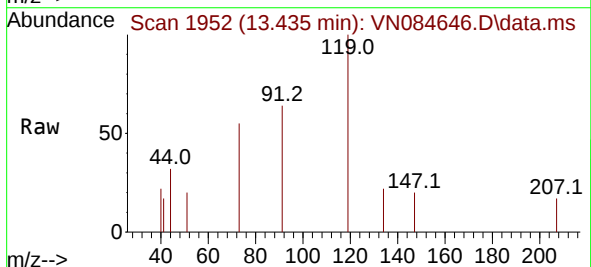
Instrument :
MSVOA_N
ClientSampleId :

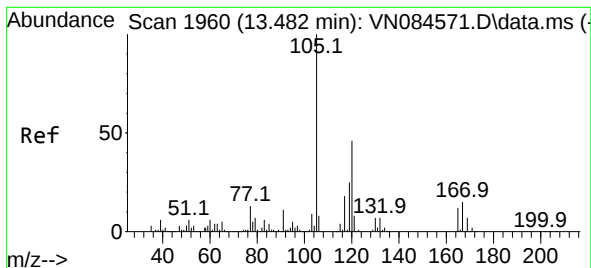
Tgt Ion: 91 Resp: 6320
Ion Ratio Lower Upper
91 100
126 30.3 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.295 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion: 119 Resp: 1468
Ion Ratio Lower Upper
119 100
91 60.9 34.1 102.3
134 20.2 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.481 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

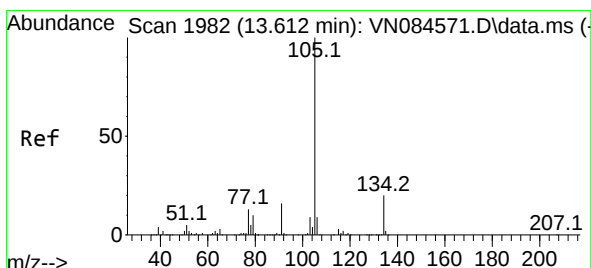
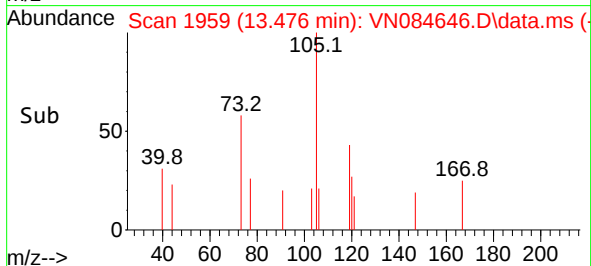
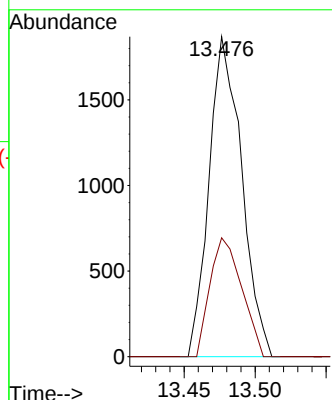
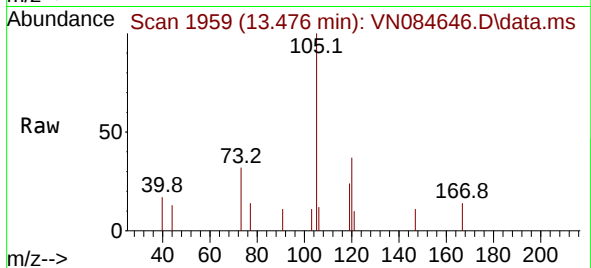
ClientSampleId :

Tgt Ion:105 Resp: 2980

Ion Ratio Lower Upper

105 100

120 36.1 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.555 ug/l

RT: 13.606 min Scan# 1981

Delta R.T. -0.012 min

Lab File: VN084646.D

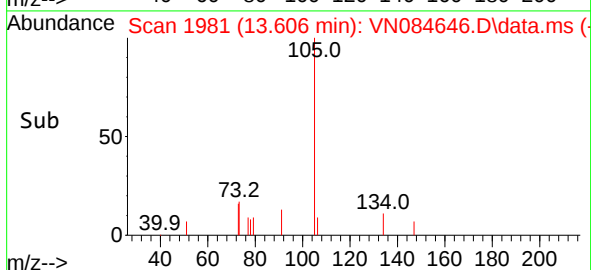
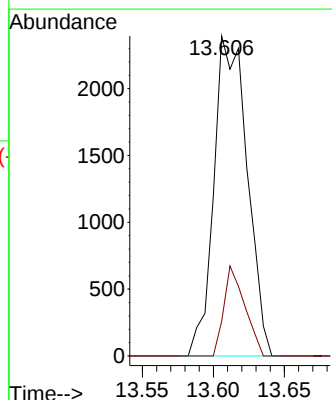
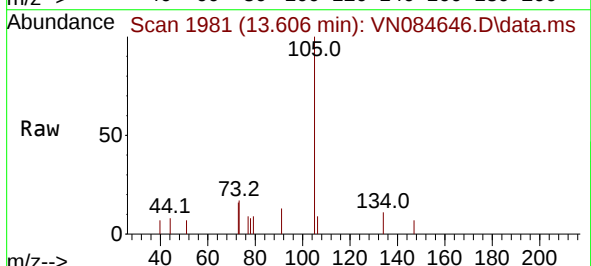
Acq: 04 Nov 2024 10:14

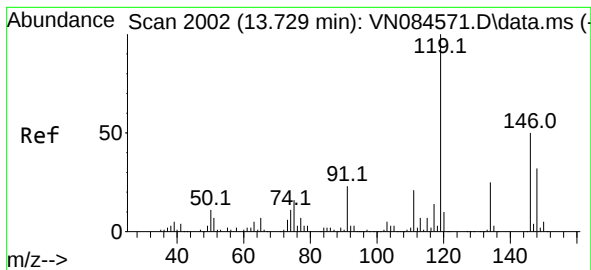
Tgt Ion:105 Resp: 3895

Ion Ratio Lower Upper

105 100

134 17.6 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.624 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :

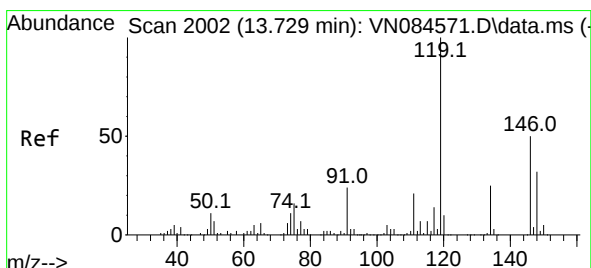
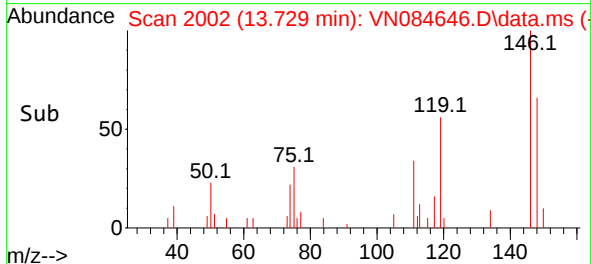
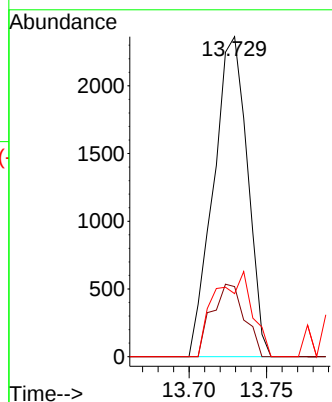
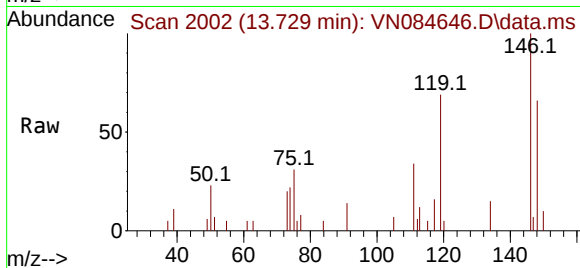
Tgt Ion:119 Resp: 3591

Ion Ratio Lower Upper

119 100

134 21.7 12.6 37.8

91 29.2 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 1.378 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

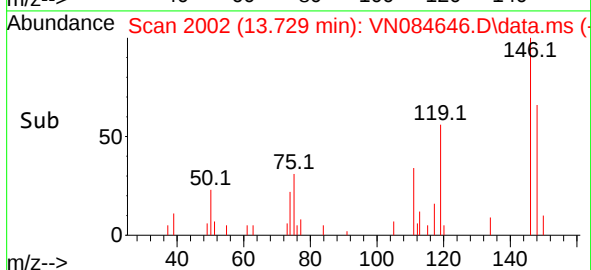
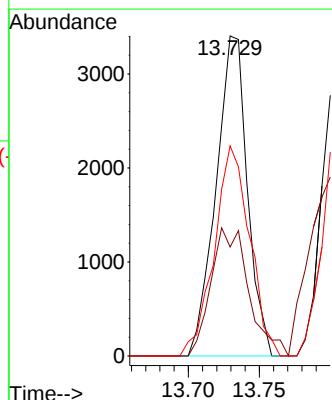
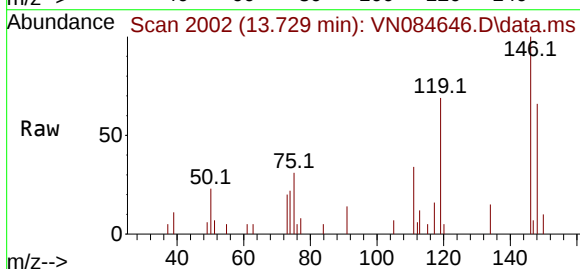
Tgt Ion:146 Resp: 5237

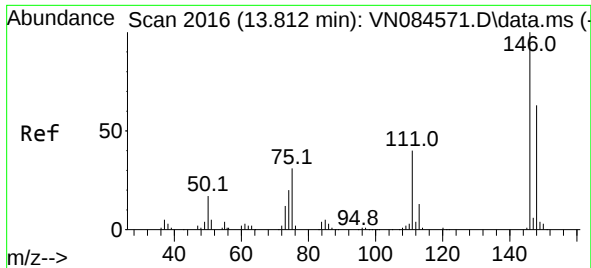
Ion Ratio Lower Upper

146 100

111 48.2 21.8 65.3

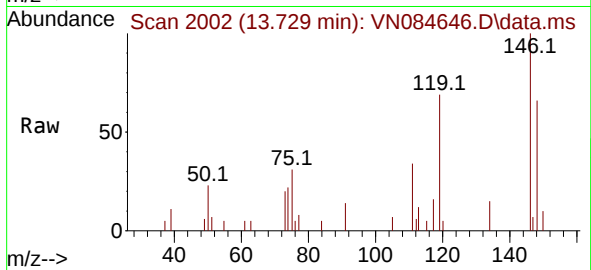
148 73.9 31.9 95.7



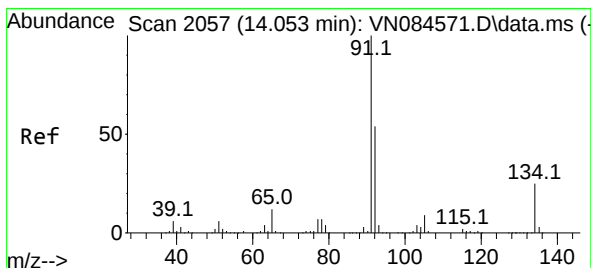
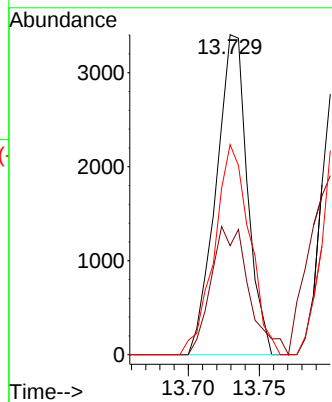
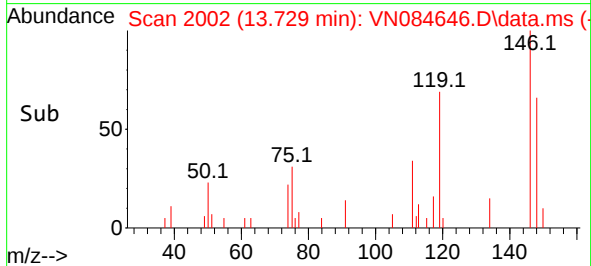


#88
1,4-Dichlorobenzene
Concen: 0.658 ug/l
RT: 13.729 min Scan# 2016
Delta R.T. -0.083 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Instrument :
MSVOA_N
ClientSampleId :

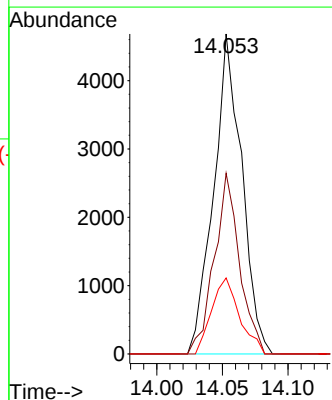
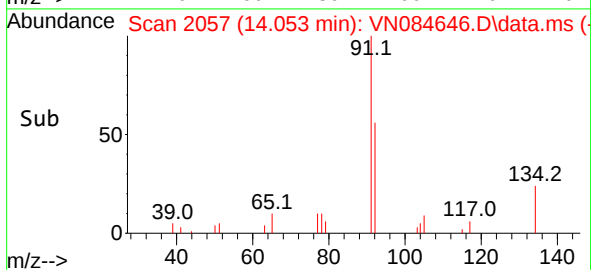
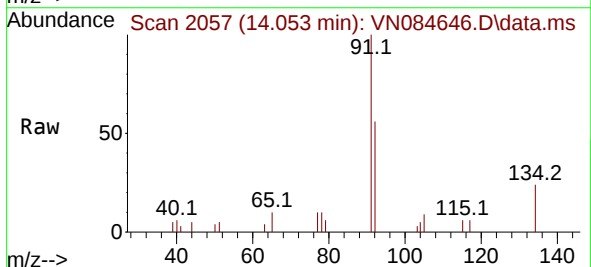


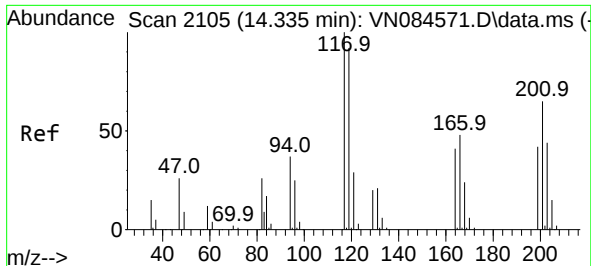
Tgt Ion:146 Resp: 5237
Ion Ratio Lower Upper
146 100
111 48.2 21.2 63.6
148 73.9 31.9 95.9



#89
n-Butylbenzene
Concen: 1.297 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

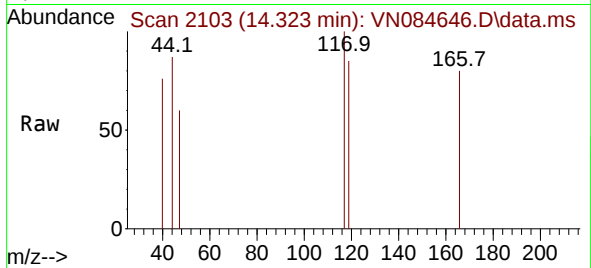
Tgt Ion: 91 Resp: 6986
Ion Ratio Lower Upper
91 100
92 50.7 26.6 79.7
134 23.6 12.3 36.9



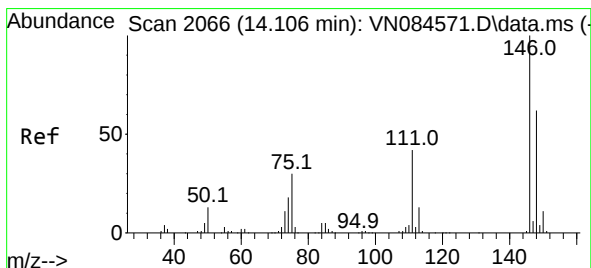
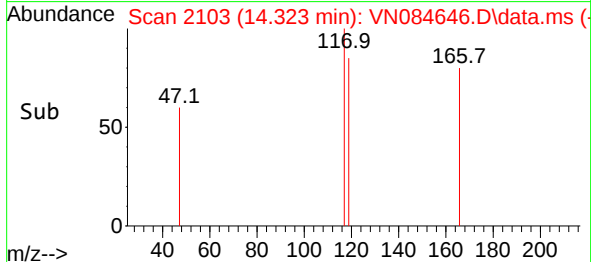
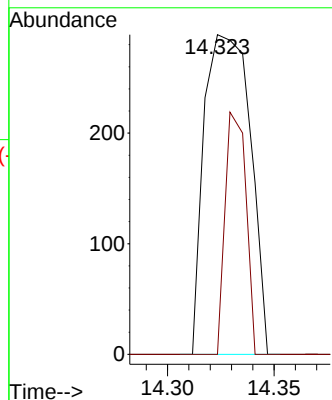


#90
Hexachloroethane
Concen: 0.339 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Instrument :
MSVOA_N
ClientSampleId :

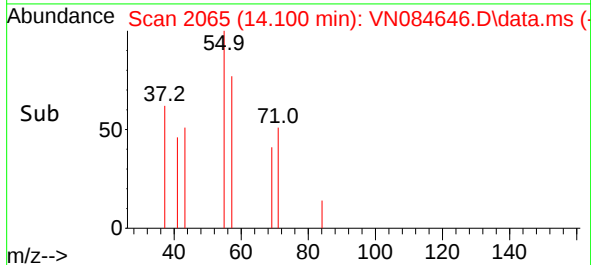
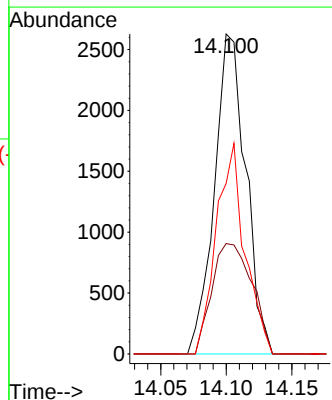
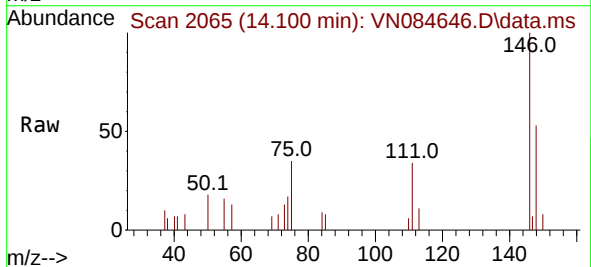


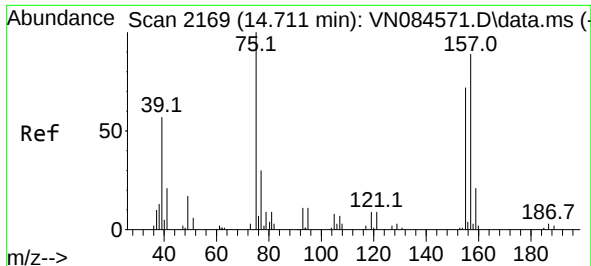
Tgt Ion:117 Resp: 435
Ion Ratio Lower Upper
117 100
201 34.0 34.4 103.2#



#91
1,2-Dichlorobenzene
Concen: 1.195 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Tgt Ion:146 Resp: 4363
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 60.2 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.380 ug/l

RT: 14.718 min Scan# 2169

Delta R.T. 0.000 min

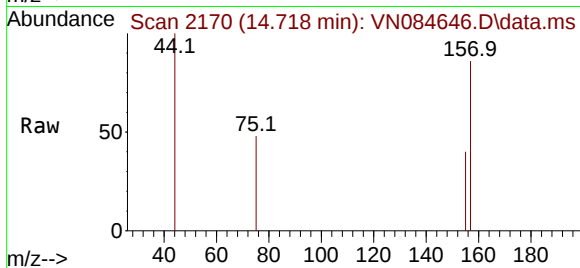
Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

Instrument :

MSVOA_N

ClientSampleId :



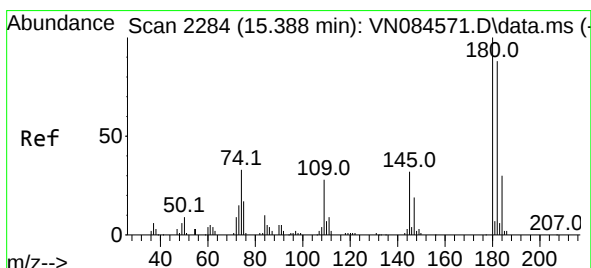
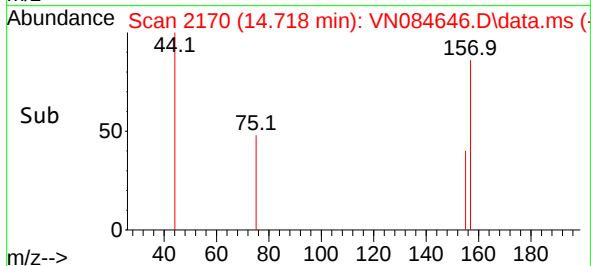
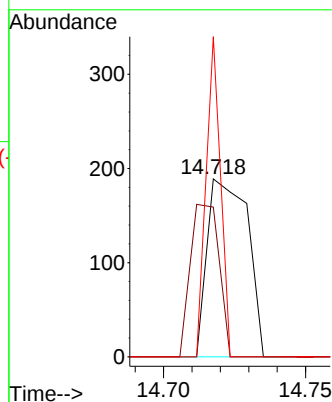
Tgt Ion: 75 Resp: 186

Ion Ratio Lower Upper

75 100

155 60.8 38.1 114.5

157 64.5 49.6 149.0



#93

1,2,4-Trichlorobenzene

Concen: 2.280 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084646.D

Acq: 04 Nov 2024 10:14

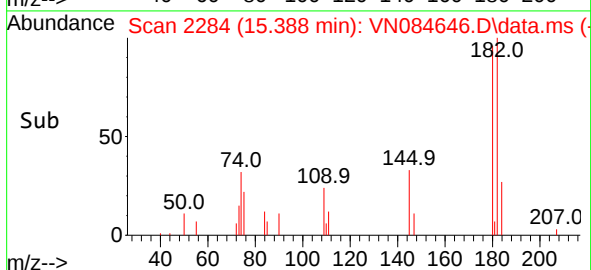
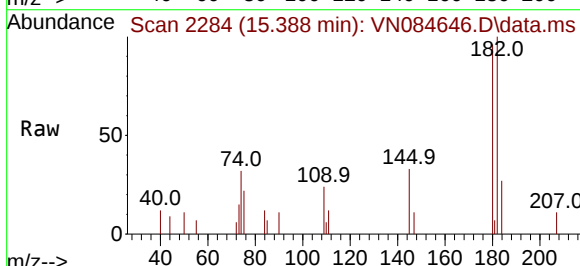
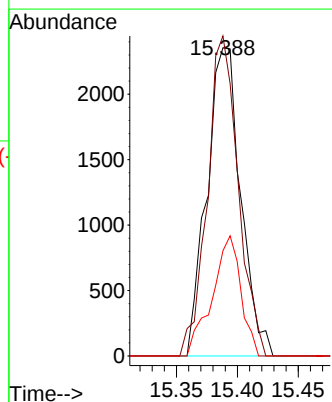
Tgt Ion: 180 Resp: 4557

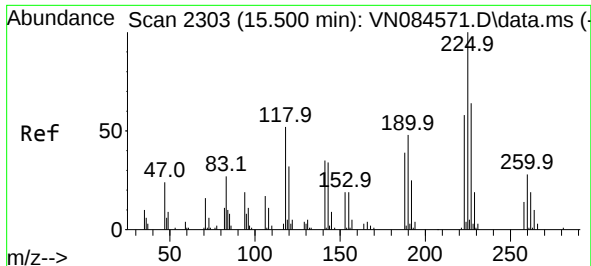
Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.0

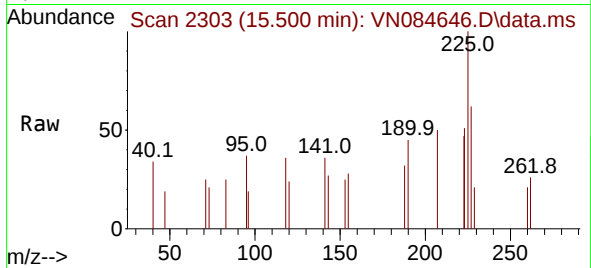
145 33.0 16.4 49.4



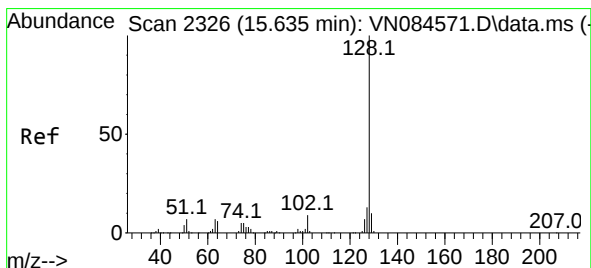
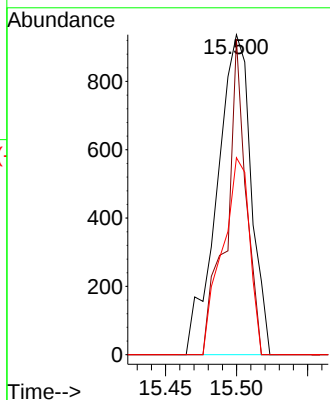
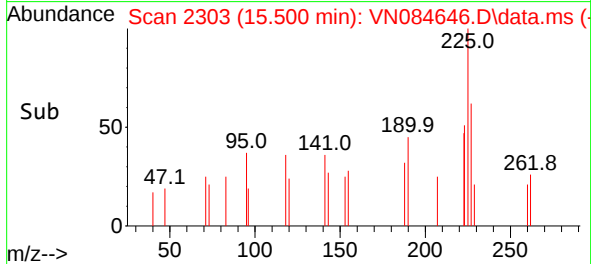


#94
Hexachlorobutadiene
Concen: 1.772 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

Instrument :
MSVOA_N
ClientSampleId :

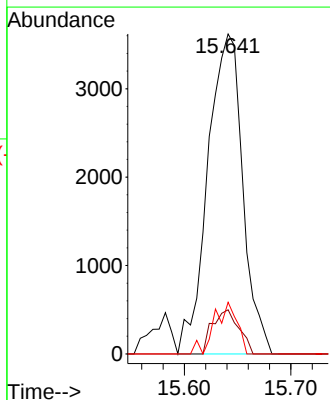
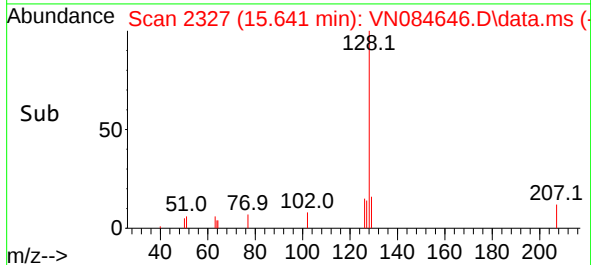
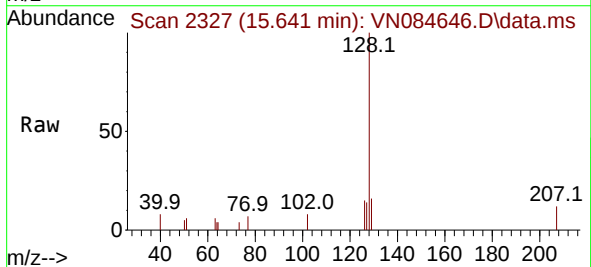


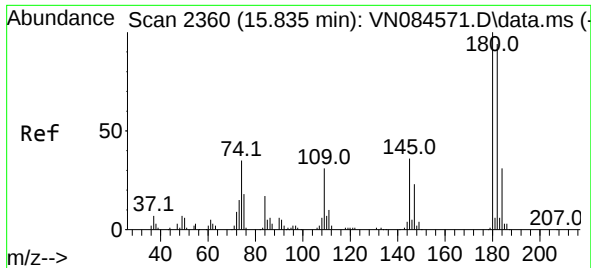
Tgt Ion:225 Resp: 1556
Ion Ratio Lower Upper
225 100
223 56.7 32.4 97.2
227 49.2 32.4 97.0



#95
Naphthalene
Concen: 1.377 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084646.D
Acq: 04 Nov 2024 10:14

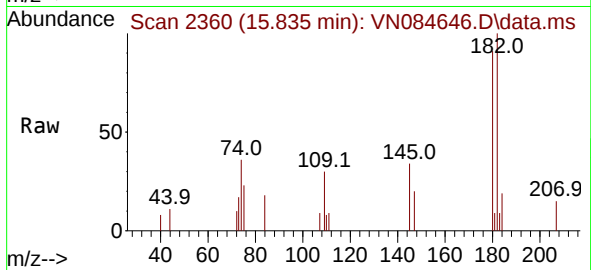
Tgt Ion:128 Resp: 8238
Ion Ratio Lower Upper
128 100
127 10.5 10.5 15.7#
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.875 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084646.D
 Acq: 04 Nov 2024 10:14

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3638
Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.2	144.6
145	39.1	17.3	51.9

