

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084703.D
 Acq On : 06 Nov 2024 11:48
 Operator : JC\MD
 Sample : VN1106MBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 00:15:13 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	169887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119604	48.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.165	113	97421	48.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	10.565	98	339723	46.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.847	95	123560	44.897	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.800%

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	704	Below Cal	#	41
5) Bromomethane	2.901	94	600	0.539	ug/l #	76
6) Chloroethane	3.124	64	157	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	1870	5.774	ug/l #	73
13) Acrolein	4.183	56	303	0.938	ug/l #	68
15) Acrylonitrile	5.730	53	400	0.427	ug/l #	74
16) Acetone	4.436	43	301	Below Cal	#	44
17) Carbon Disulfide	4.700	76	3062	0.514	ug/l #	75
18) Methyl Acetate	5.042	43	3336	Below Cal	#	84
21) trans-1,2-Dichloroethene	5.777	96	525	0.264	ug/l #	27
31) Cyclohexane	8.224	56	3642	1.075	ug/l #	1
36) 1,1-Dichloropropene	8.359	75	848	0.306	ug/l #	42
38) Carbon Tetrachloride	8.224	117	18463	5.958	ug/l #	16
43) Isopropyl Acetate	8.724	43	9405	1.080	ug/l #	56
44) Trichloroethene	9.353	130	663	0.323	ug/l	53
51) 4-Methyl-2-Pentanone	10.447	43	480	0.200	ug/l #	36
52) Toluene	10.618	92	1240	0.238	ug/l	85
53) t-1,3-Dichloropropene	10.835	75	1543	0.480	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	959	0.282	ug/l #	35
58) 2-Chloroethyl Vinyl ether	10.165	63	639	0.481	ug/l #	48
59) 2-Hexanone	11.200	43	909	0.521	ug/l	75
60) Dibromochloromethane	11.365	129	542	0.242	ug/l #	50
61) 1,2-Dibromoethane	11.459	107	538	0.268	ug/l	97
64) Tetrachloroethene	11.094	164	501	0.299	ug/l #	80
65) Chlorobenzene	11.888	112	3406	0.605	ug/l	89
67) Ethyl Benzene	11.965	91	3173	0.338	ug/l	98
68) m/p-Xylenes	12.065	106	2391	0.672	ug/l	93
69) o-Xylene	12.388	106	679	0.204	ug/l	95
70) Styrene	12.406	104	3264	0.562	ug/l #	90
71) Bromoform	12.582	173	477	0.324	ug/l #	30
73) Isopropylbenzene	12.688	105	1994	0.261	ug/l	95
74) N-amyl acetate	12.494	43	852	0.262	ug/l #	70
76) 1,2,3-Trichloropropane	12.847	75	64297	29.472	ug/l #	1
77) Bromobenzene	12.976	156	1764	0.858	ug/l	82
78) n-propylbenzene	13.035	91	6261	0.699	ug/l	99
79) 2-Chlorotoluene	13.118	91	3740	0.639	ug/l	95

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 07 00:15:13 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

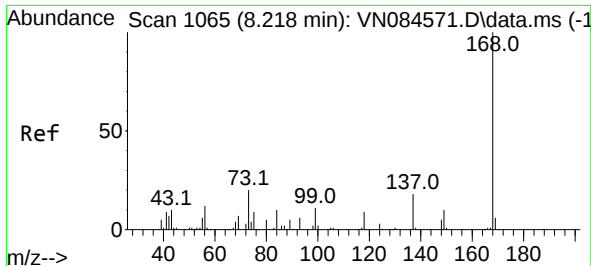
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.170	105	2289	0.361	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.847	75	64297	69.919	ug/l #	11
82) 4-Chlorotoluene	13.223	91	6057	0.983	ug/l	88
83) tert-Butylbenzene	13.435	119	1612	0.307	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	2830	0.433	ug/l	97
85) sec-Butylbenzene	13.617	105	3778	0.510	ug/l	99
86) p-Isopropyltoluene	13.729	119	3244	0.534	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	4916	1.225	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	6523	0.929	ug/l	79
89) n-Butylbenzene	14.053	91	6442	1.133	ug/l	93
90) Hexachloroethane	14.329	117	471	0.348	ug/l #	50
91) 1,2-Dichlorobenzene	14.106	146	3667	0.951	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	217	0.420	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.388	180	4248	2.013	ug/l	89
94) Hexachlorobutadiene	15.494	225	1308	1.411	ug/l	96
95) Naphthalene	15.635	128	10617	1.681	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.835	180	3891	1.899	ug/l	95

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

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QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

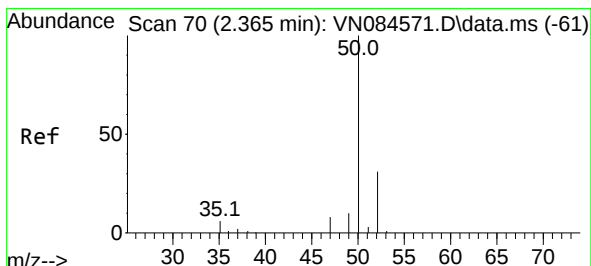
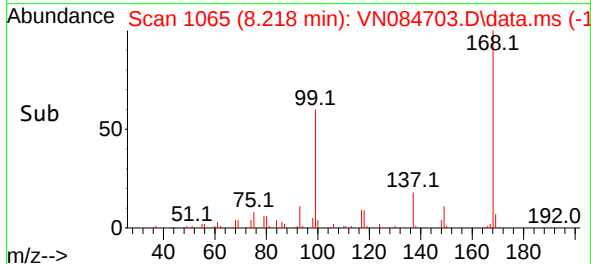
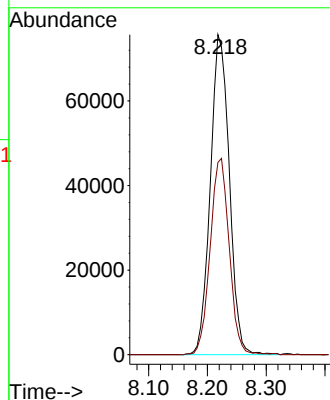
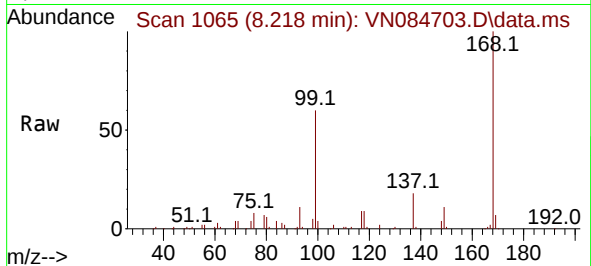




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

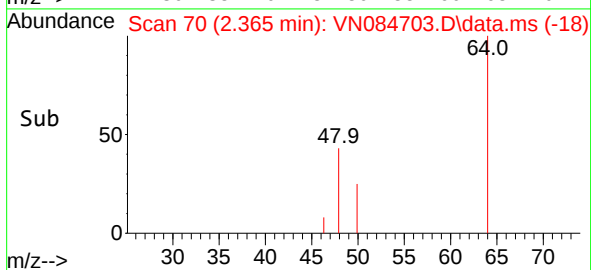
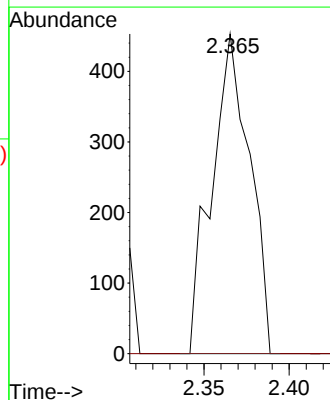
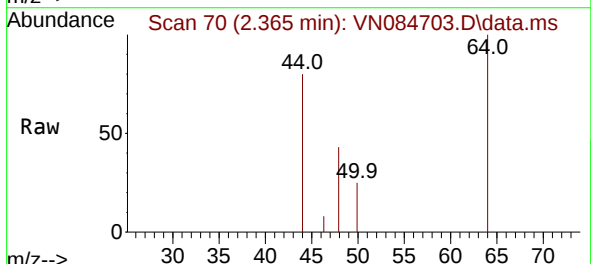
Instrument :
MSVOA_N
ClientSampleId :

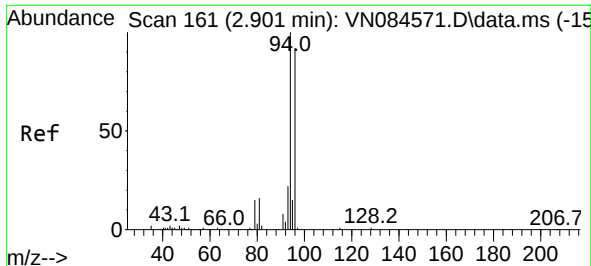
Tgt Ion:168 Resp: 169887
Ion Ratio Lower Upper
168 100
99 60.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

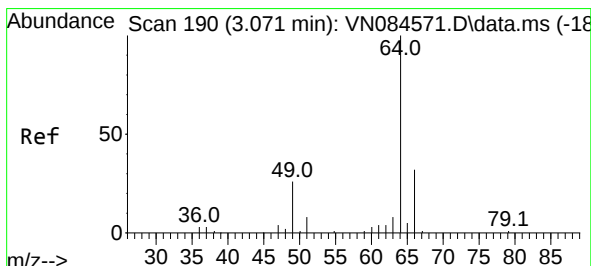
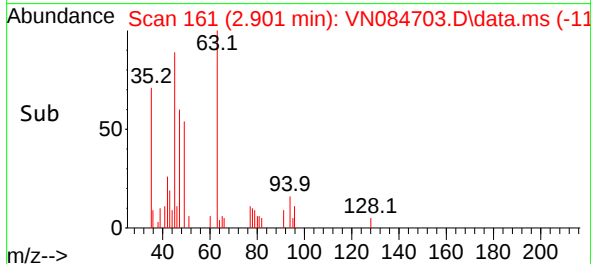
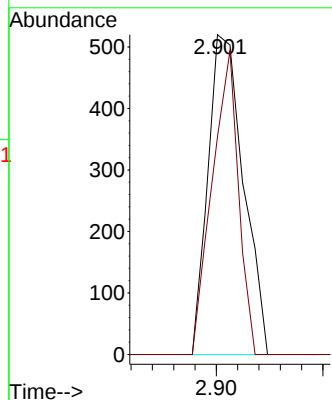
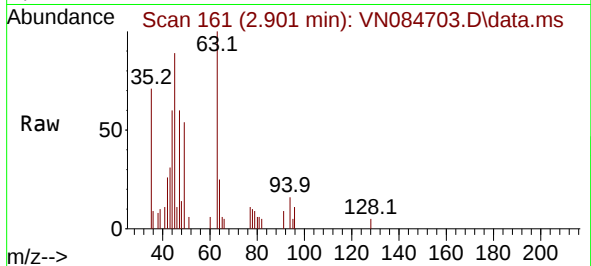




#5
Bromomethane
Concen: 0.539 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

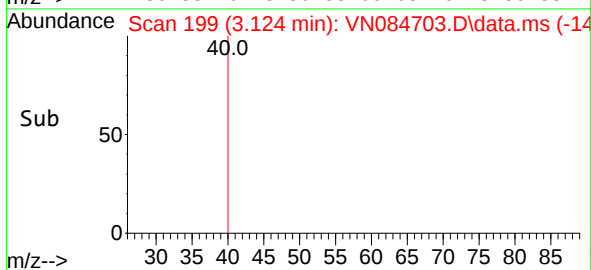
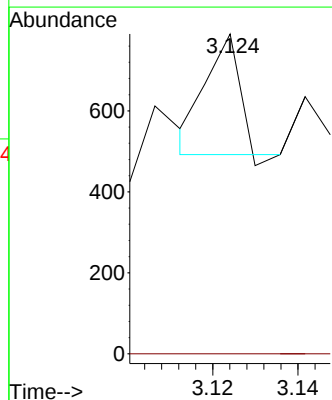
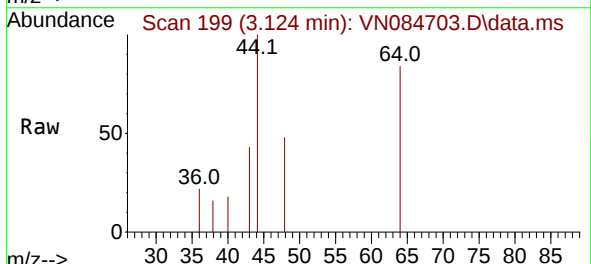
Instrument :
MSVOA_N
ClientSampleId :

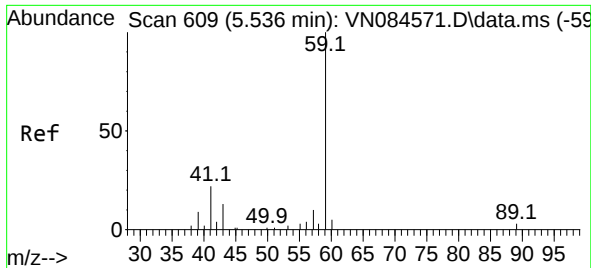
Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 68.1 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

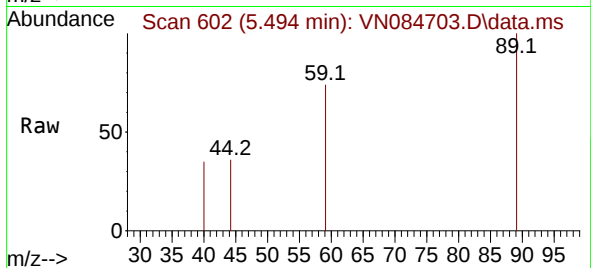
Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



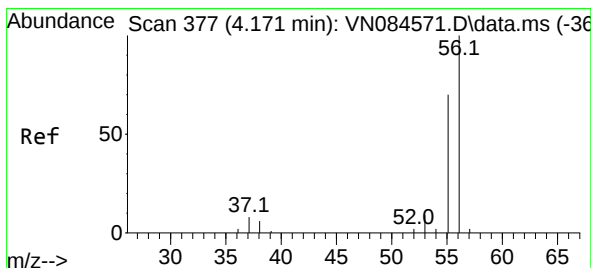
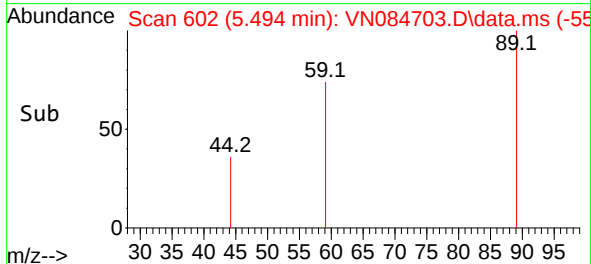
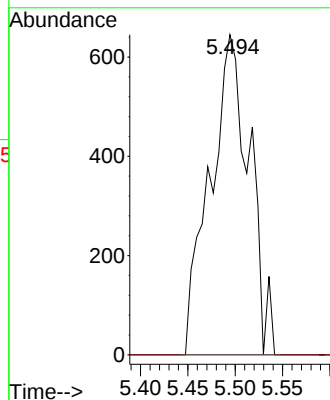


#11
Tert butyl alcohol
Concen: 5.774 ug/l
RT: 5.494 min Scan# 609
Delta R.T. -0.029 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :

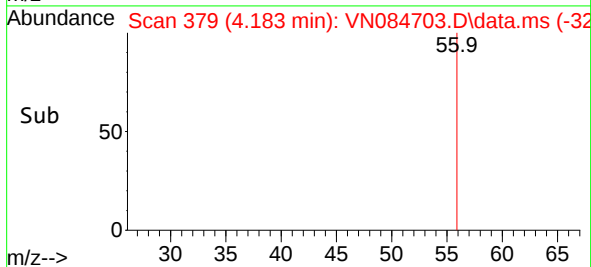
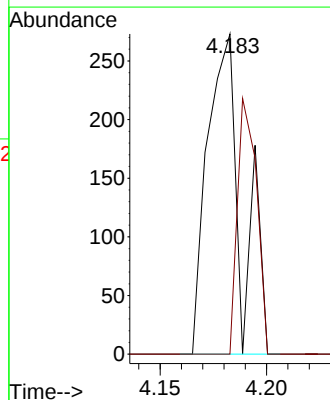
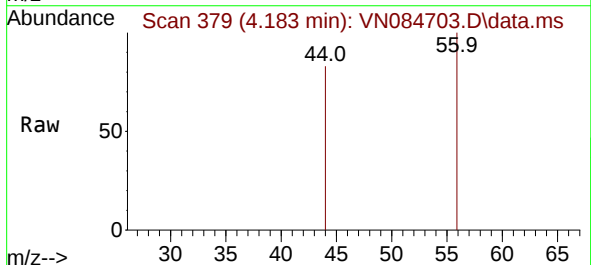


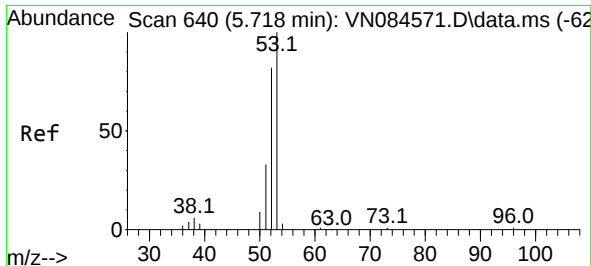
Tgt Ion: 59 Resp: 1870
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.938 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

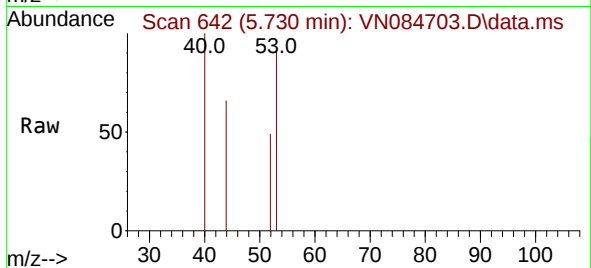
Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 44.9 57.2 85.8#



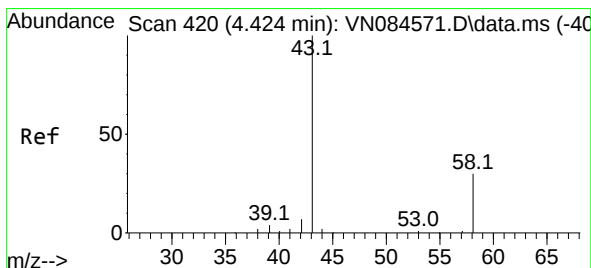
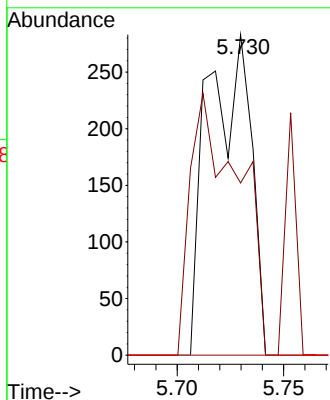
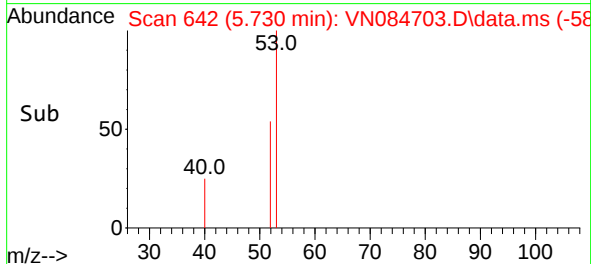


#15
Acrylonitrile
Concen: 0.427 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :

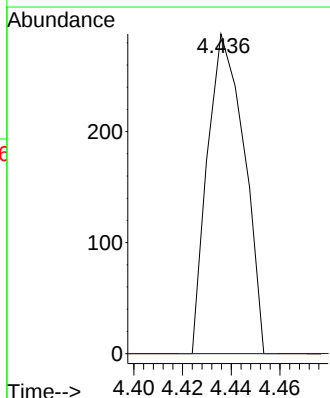
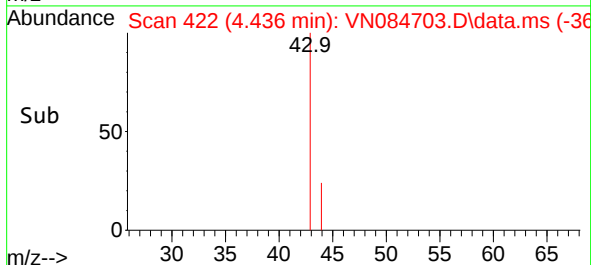
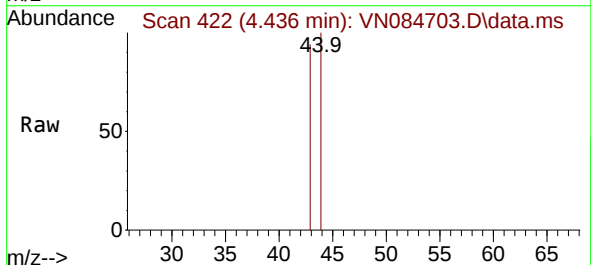


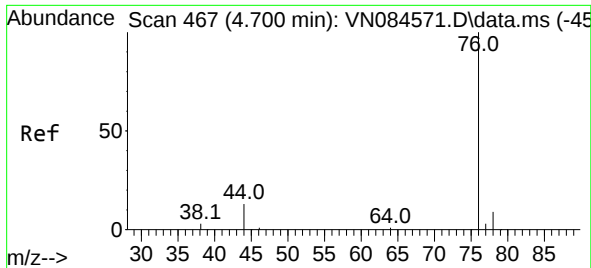
Tgt Ion: 53 Resp: 400
Ion Ratio Lower Upper
53 100
52 92.5 66.2 99.4
51 0.0 28.8 43.2#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

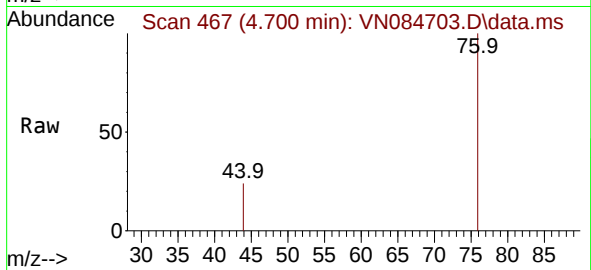
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



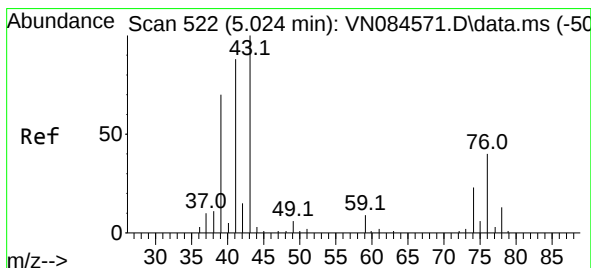
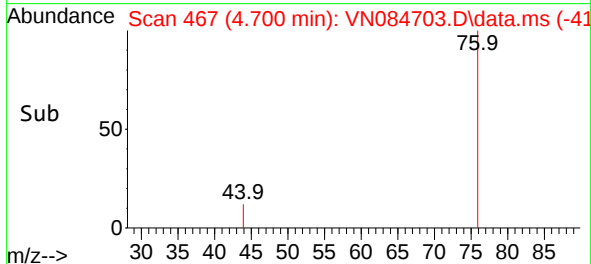
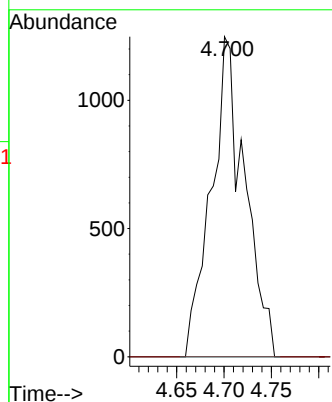


#17
Carbon Disulfide
Concen: 0.514 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :

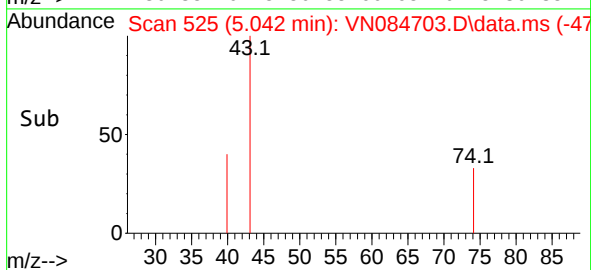
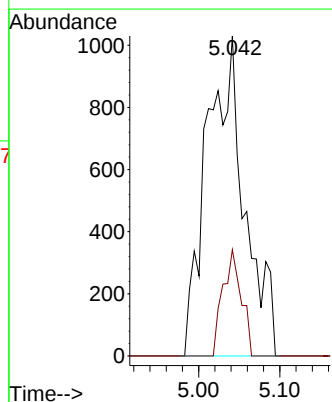
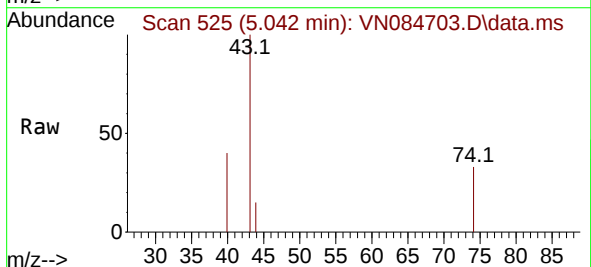


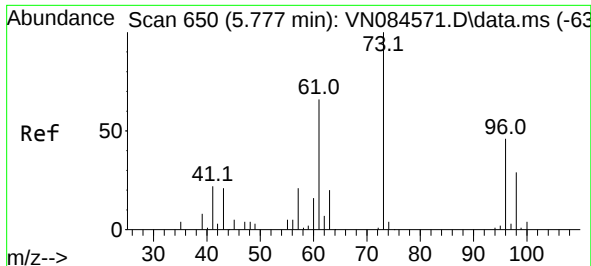
Tgt Ion: 76 Resp: 3062
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.042 min Scan# 525
Delta R.T. 0.024 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

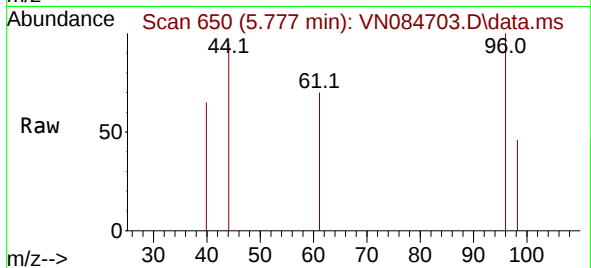
Tgt Ion: 43 Resp: 3336
Ion Ratio Lower Upper
43 100
74 16.2 19.2 28.8#



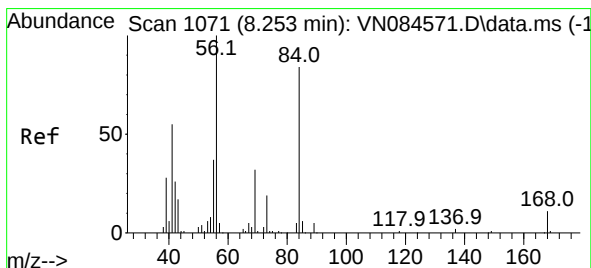
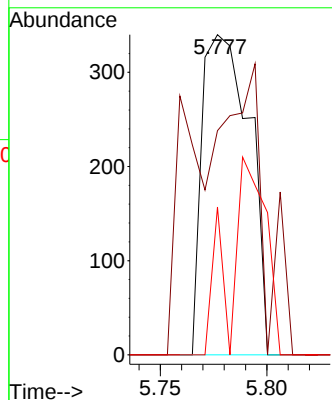
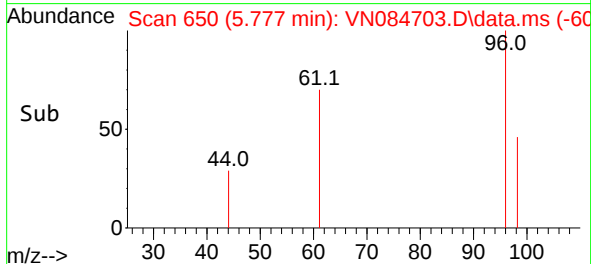


#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

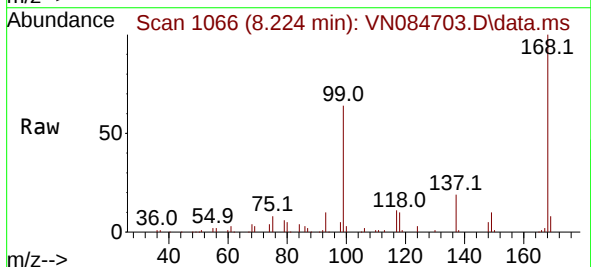
Instrument :
MSVOA_N
ClientSampleId :



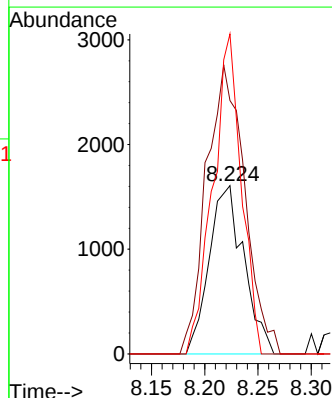
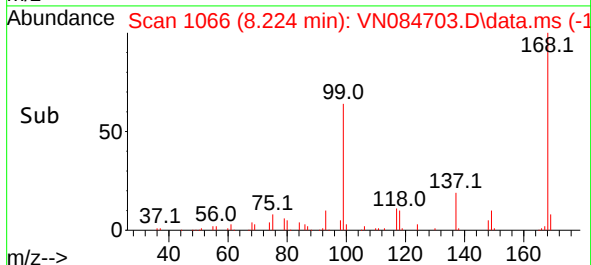
Tgt Ion: 96 Resp: 525
Ion Ratio Lower Upper
96 100
61 19.1 108.4 162.6#
98 46.2 49.8 74.8#

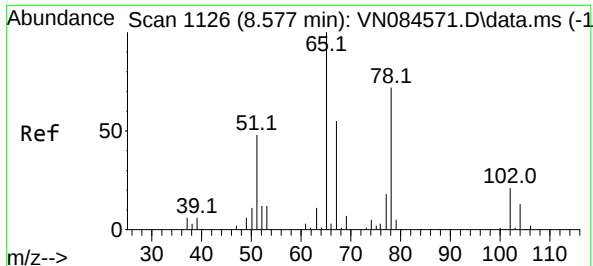


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48



Tgt Ion: 56 Resp: 3642
Ion Ratio Lower Upper
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69 150.6 23.8 35.6#
84 190.0 68.8 103.2#

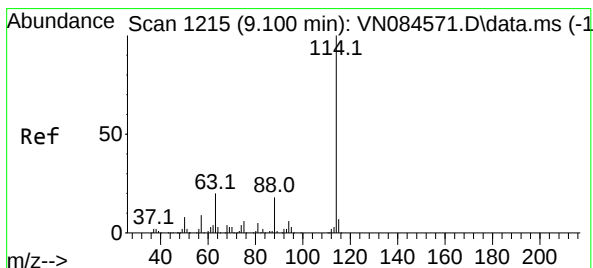
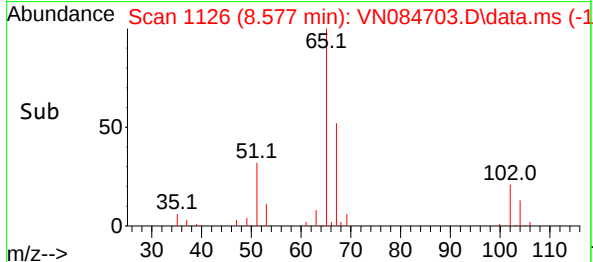
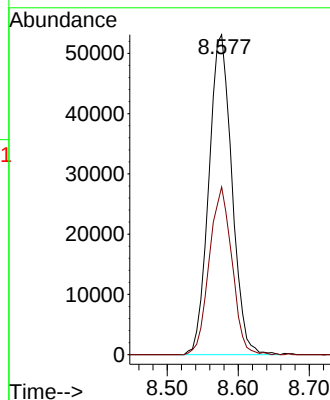
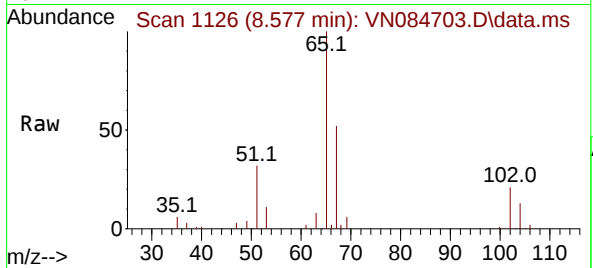




#33
 1,2-Dichloroethane-d4
 Concen: 48.744 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

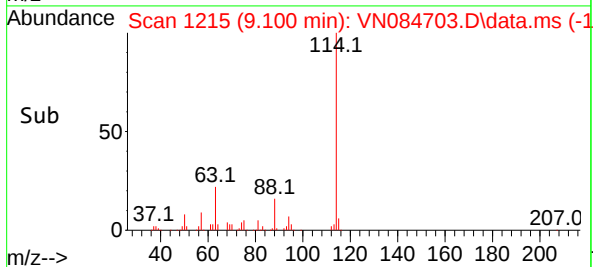
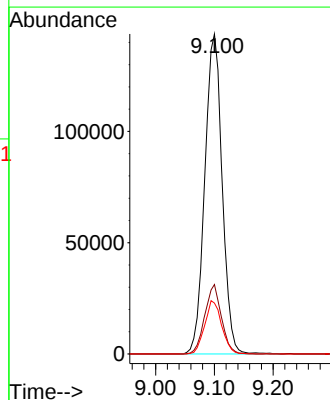
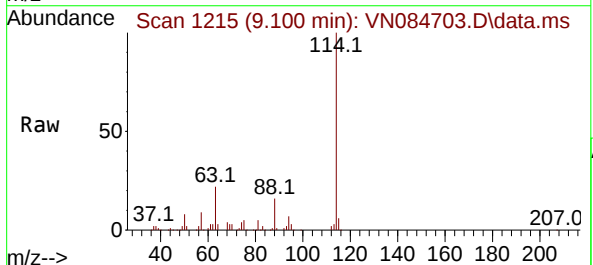
Instrument :
 MSVOA_N
 ClientSampleId :

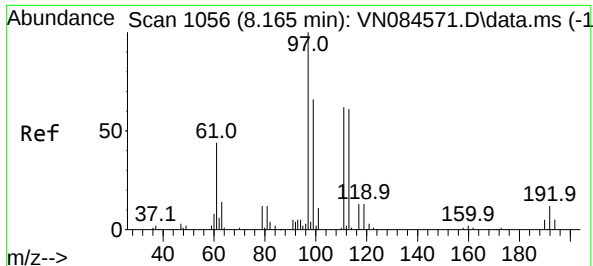
Tgt Ion: 65 Resp: 119604
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

Tgt Ion: 114 Resp: 295328
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.8
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.735 ug/l

RT: 8.165 min Scan# 1089

Delta R.T. 0.000 min

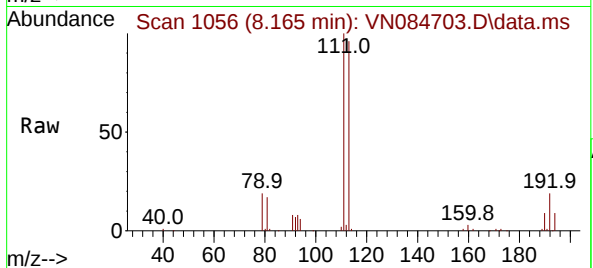
Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :



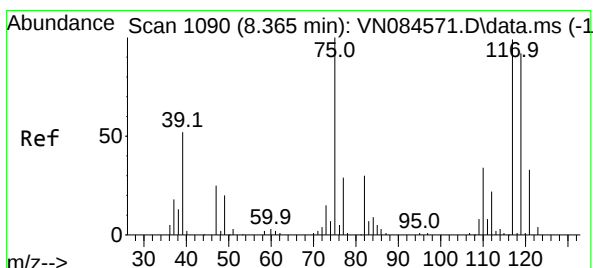
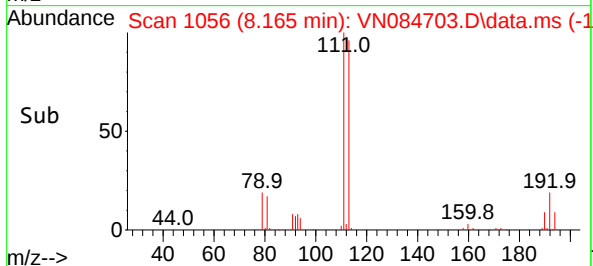
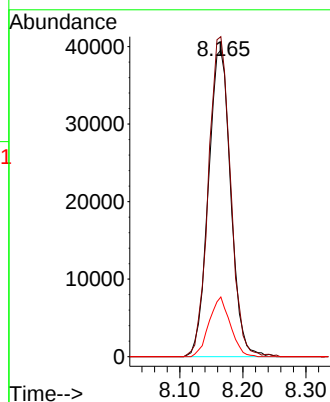
Tgt Ion:113 Resp: 97421

Ion Ratio Lower Upper

113 100

111 102.8 83.3 124.9

192 18.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 0.306 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.012 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

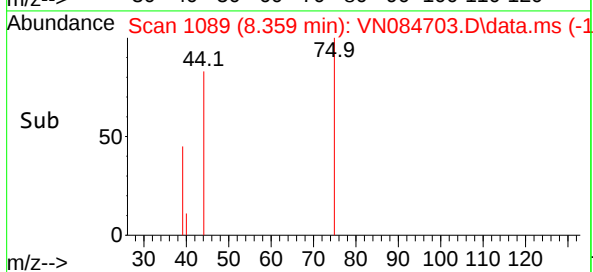
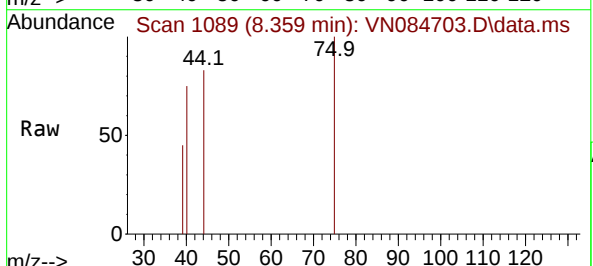
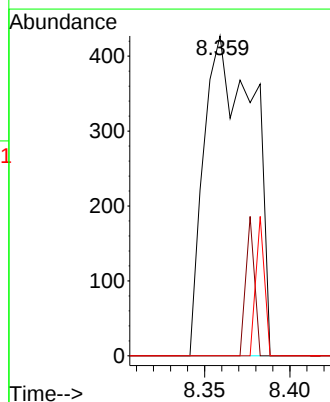
Tgt Ion: 75 Resp: 848

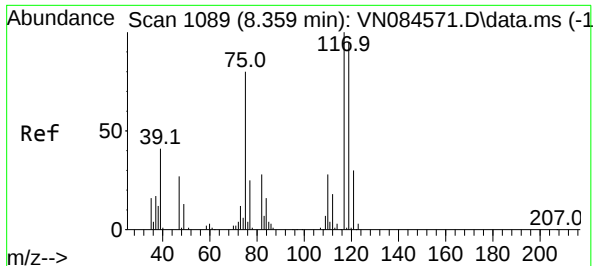
Ion Ratio Lower Upper

75 100

110 0.0 16.9 50.7#

77 0.0 24.7 37.1#

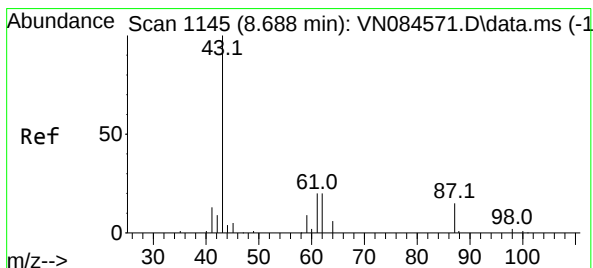
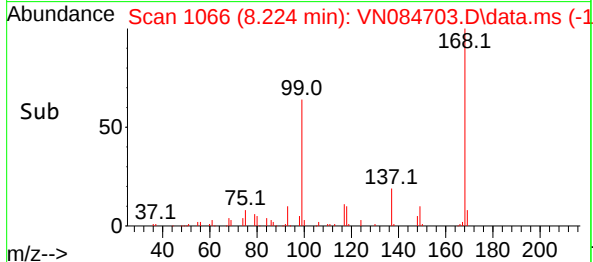
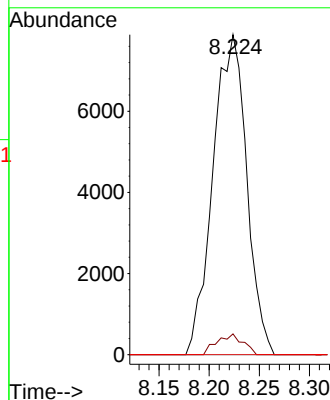
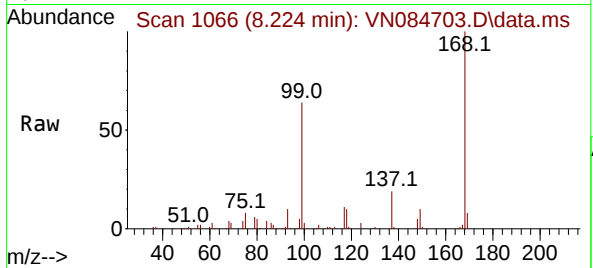




#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 8.224 min Scan# 1105
Delta R.T. -0.135 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

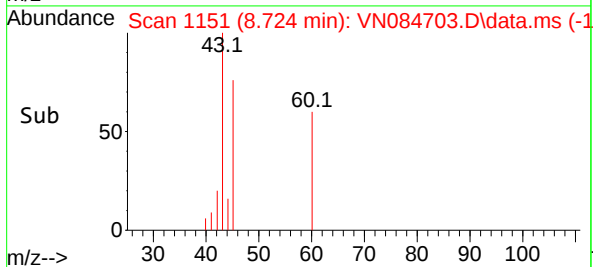
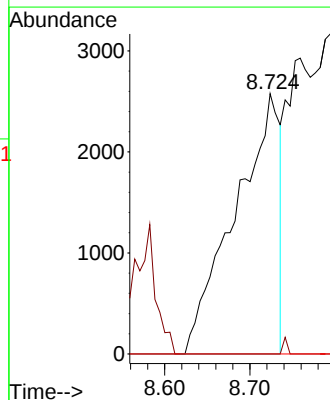
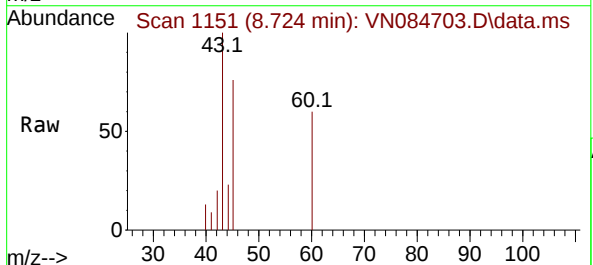
Instrument :
MSVOA_N
ClientSampleId :

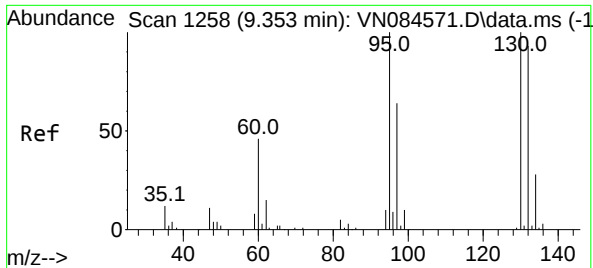
Tgt Ion:117 Resp: 18463
Ion Ratio Lower Upper
117 100
119 6.5 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.080 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.036 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 43 Resp: 9405
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

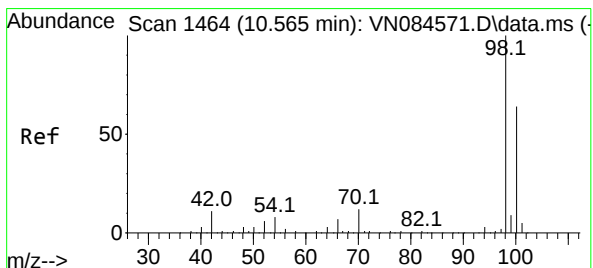
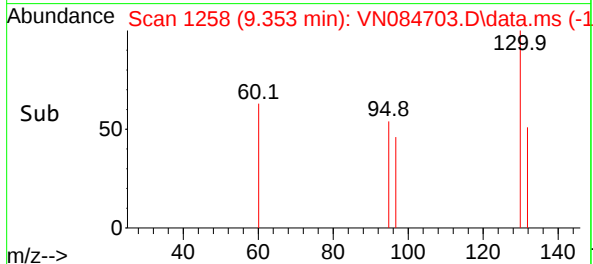
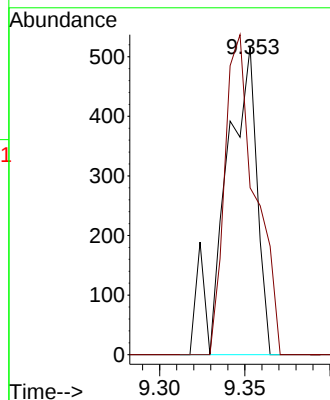
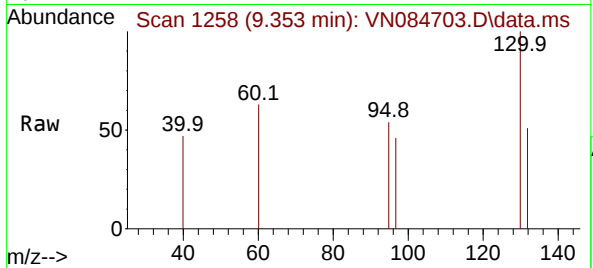




#44
Trichloroethene
Concen: 0.323 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

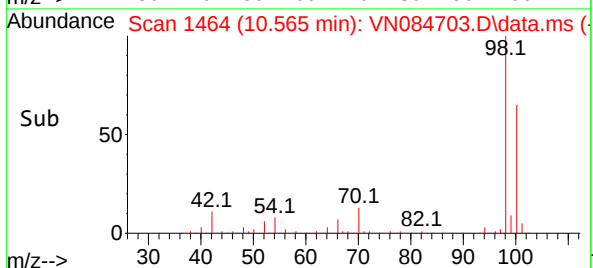
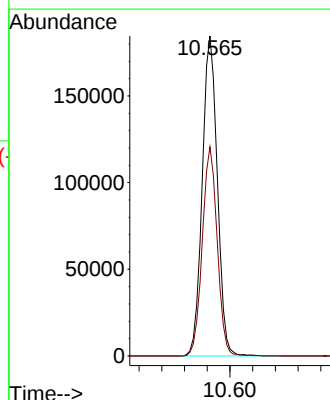
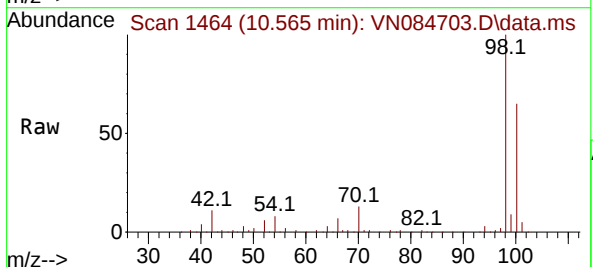
Instrument :
MSVOA_N
ClientSampleId :

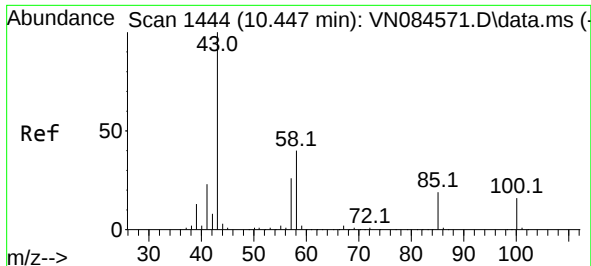
Tgt Ion:130 Resp: 663
Ion Ratio Lower Upper
130 100
95 54.2 0.0 203.0



#50
Toluene-d8
Concen: 46.135 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 98 Resp: 339723
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

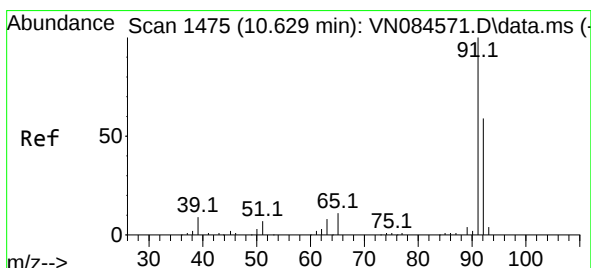
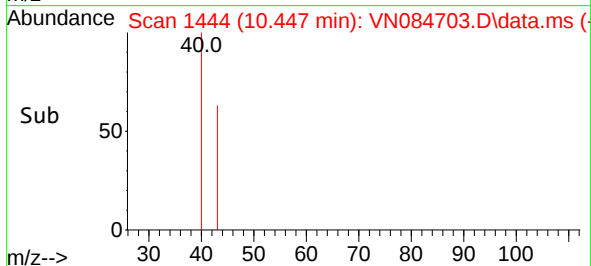
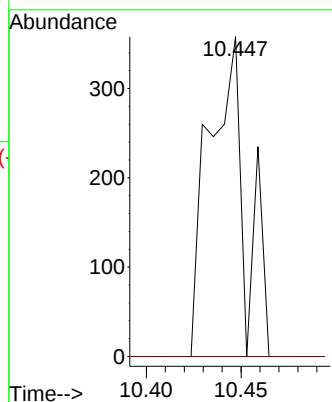
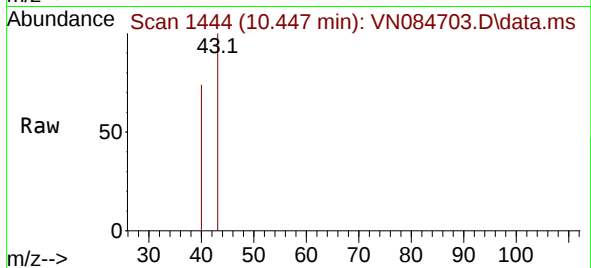




#51
4-Methyl-2-Pentanone
Concen: 0.200 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

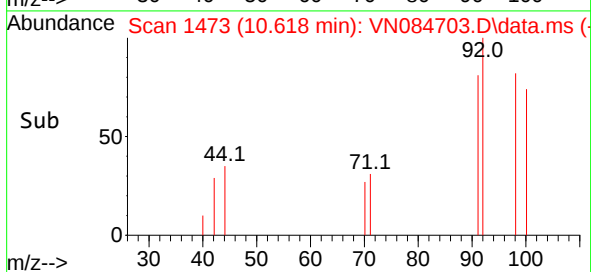
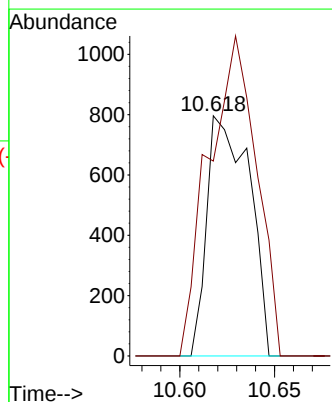
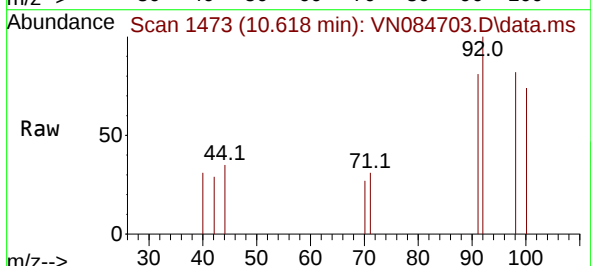
Instrument :
MSVOA_N
ClientSampleId :

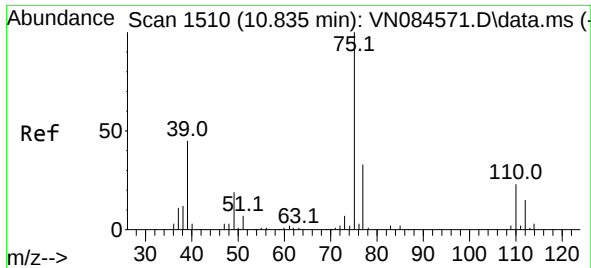
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#



#52
Toluene
Concen: 0.238 ug/l
RT: 10.618 min Scan# 1473
Delta R.T. -0.012 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 92 Resp: 1240
Ion Ratio Lower Upper
92 100
91 150.3 137.3 205.9

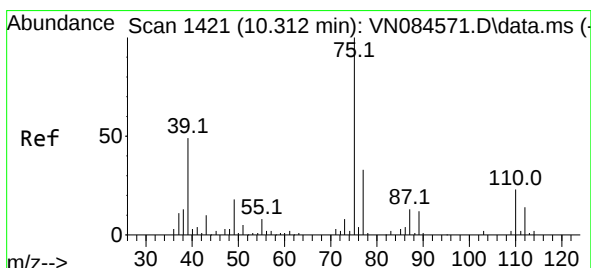
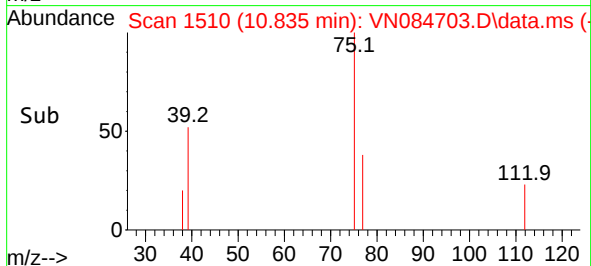
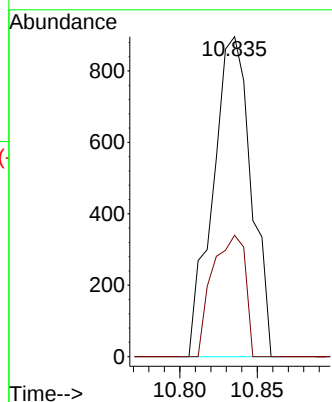
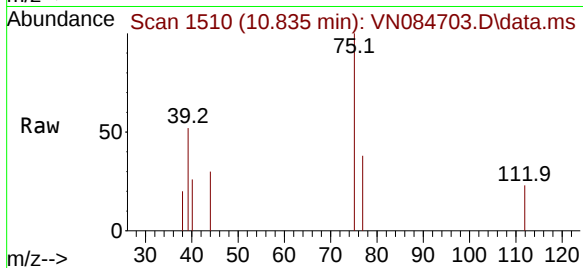




#53
t-1,3-Dichloropropene
Concen: 0.480 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

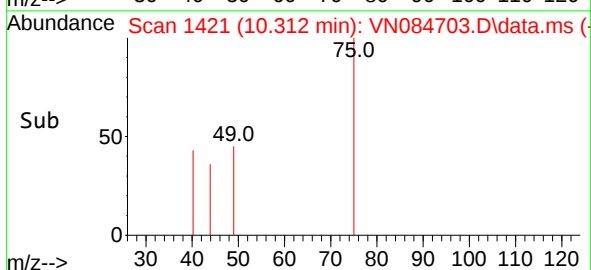
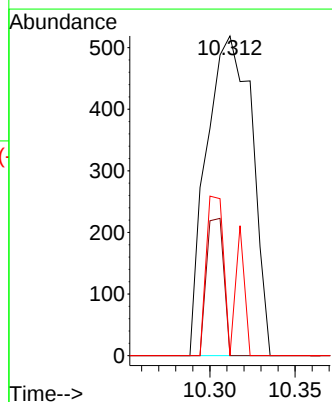
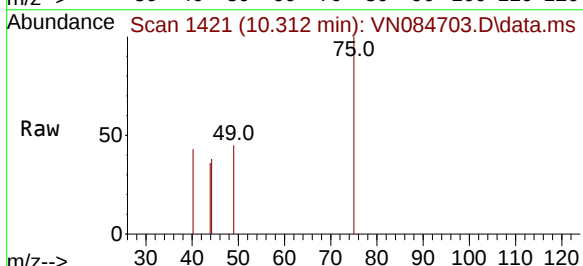
Instrument :
MSVOA_N
ClientSampleId :

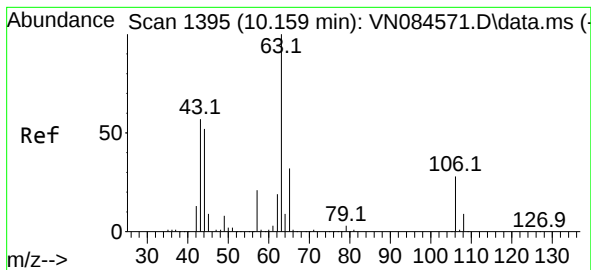
Tgt Ion: 75 Resp: 1543
Ion Ratio Lower Upper
75 100
77 37.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 0.282 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 75 Resp: 959
Ion Ratio Lower Upper
75 100
77 0.0 24.2 36.2#
39 0.0 38.7 58.1#

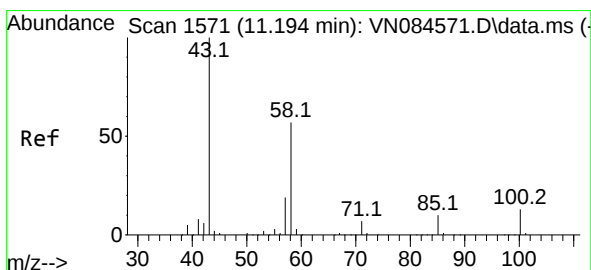
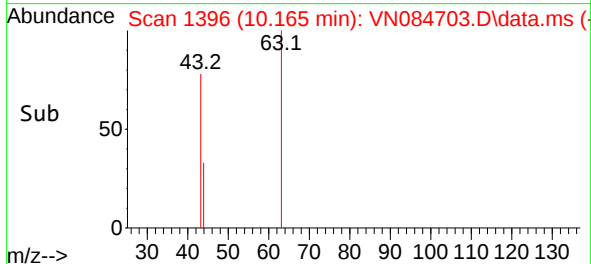
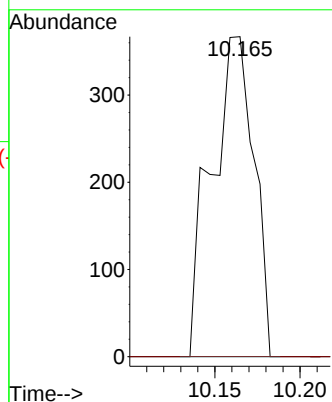
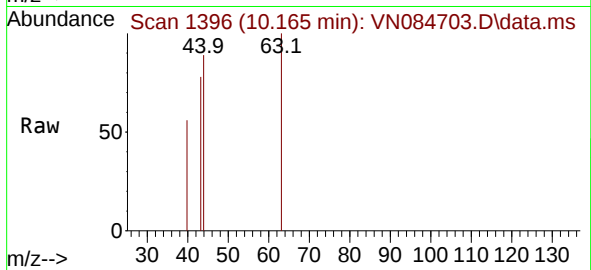




#58
2-Chloroethyl Vinyl ether
Concen: 0.481 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

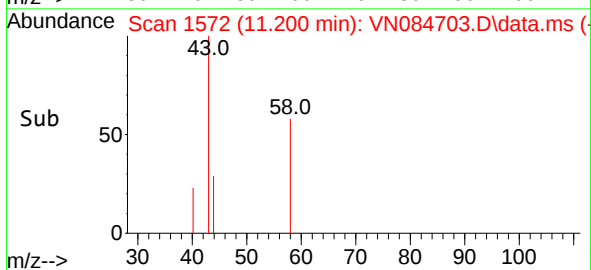
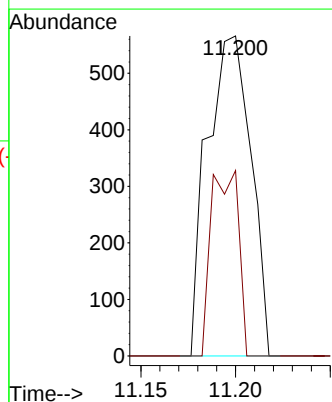
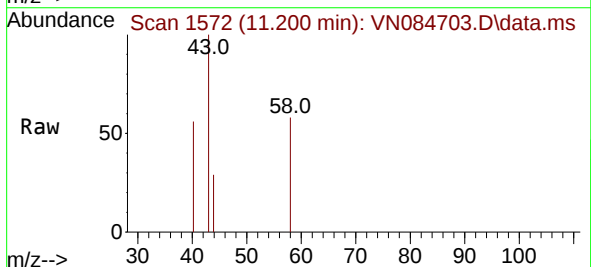
Instrument :
MSVOA_N
ClientSampleId :

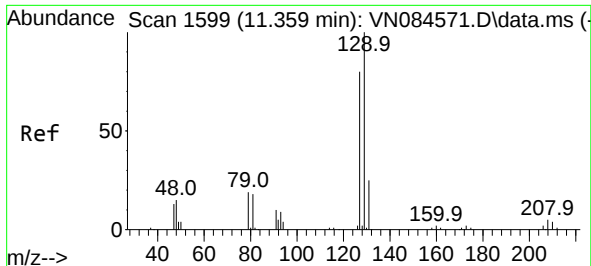
Tgt Ion: 63 Resp: 639
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#



#59
2-Hexanone
Concen: 0.521 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 36.3 27.3 81.8

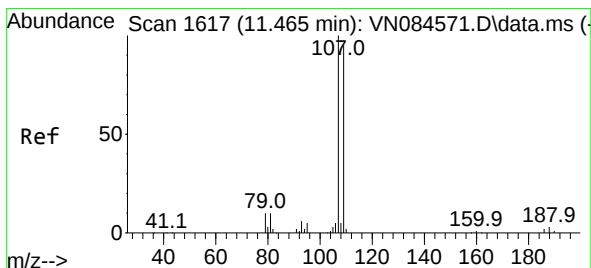
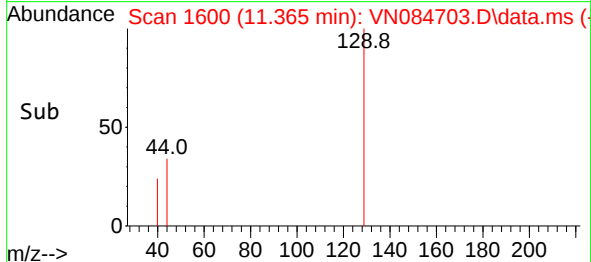
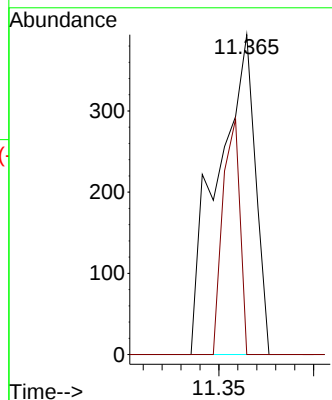
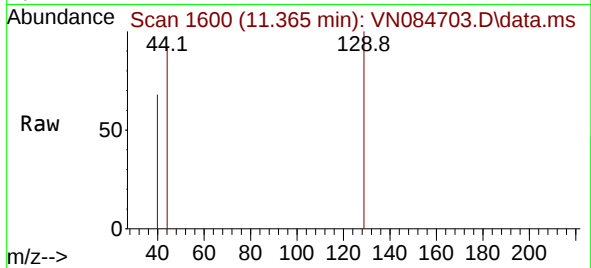




#60
Dibromochloromethane
Concen: 0.242 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

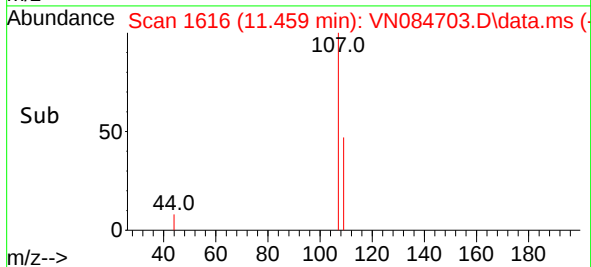
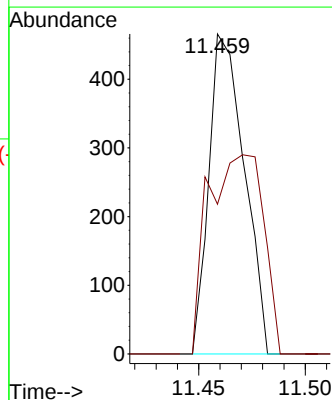
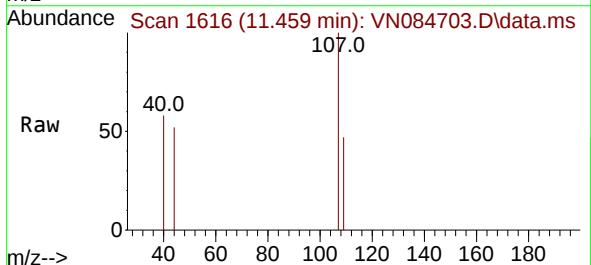
Instrument :
MSVOA_N
ClientSampleId :

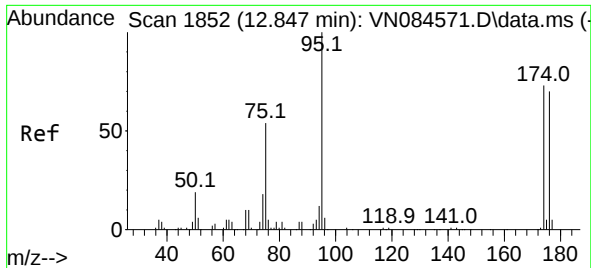
Tgt Ion:129 Resp: 542
Ion Ratio Lower Upper
129 100
127 33.6 38.3 114.9#



#61
1,2-Dibromoethane
Concen: 0.268 ug/l
RT: 11.459 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion:107 Resp: 538
Ion Ratio Lower Upper
107 100
109 97.4 75.4 113.0

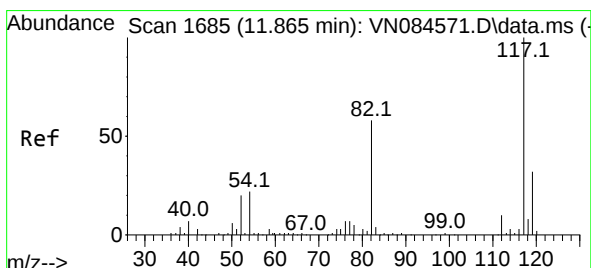
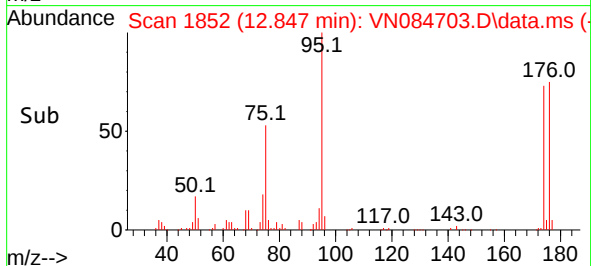
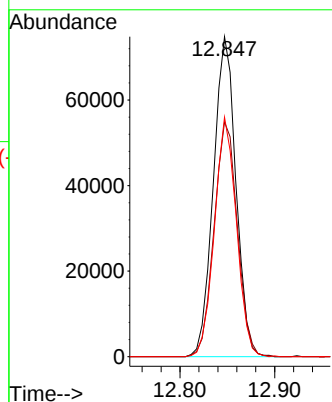
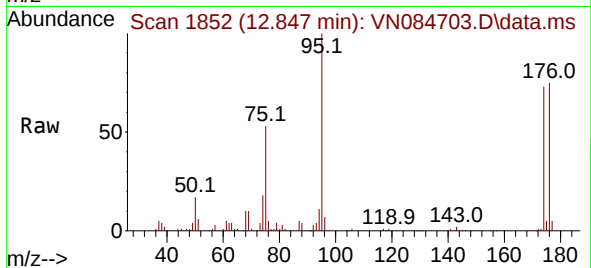




#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 12.847 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

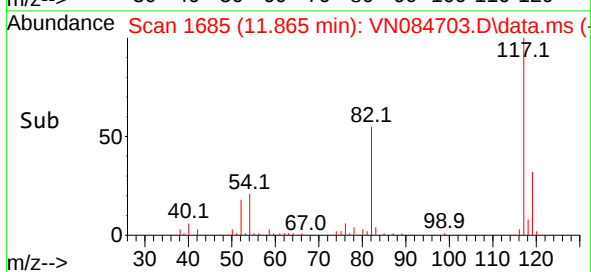
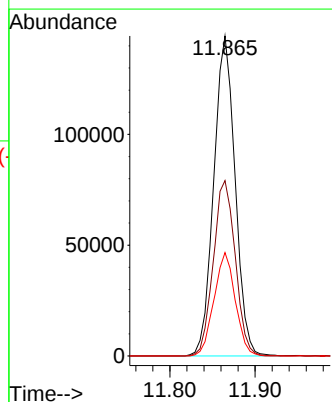
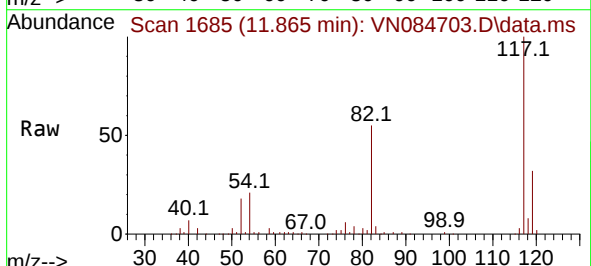
Instrument :
MSVOA_N
ClientSampleId :

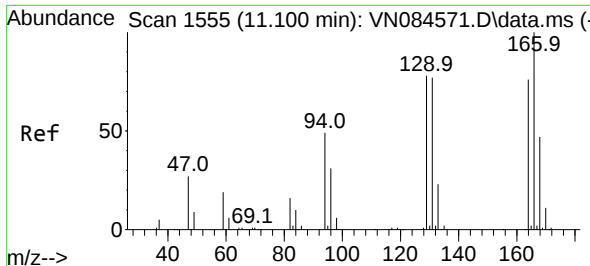
Tgt Ion: 95 Resp: 123560
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.2
176 73.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

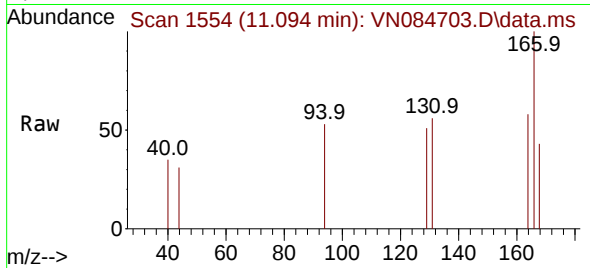
Tgt Ion: 117 Resp: 251754
Ion Ratio Lower Upper
117 100
82 54.8 47.2 70.8
119 32.3 25.4 38.0



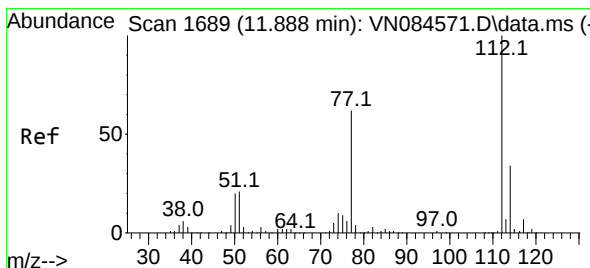
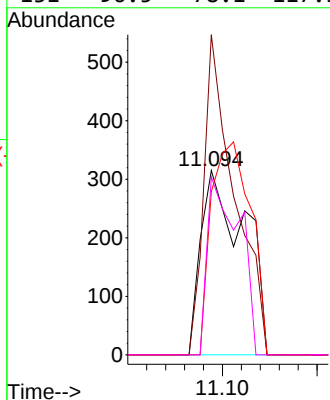
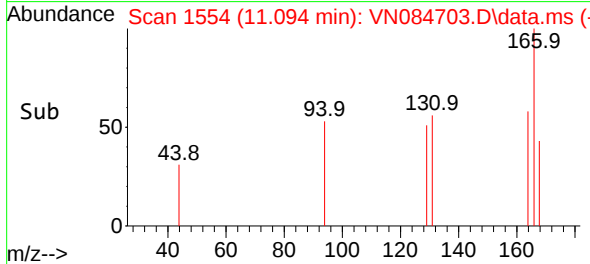


#64
Tetrachloroethene
Concen: 0.299 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :

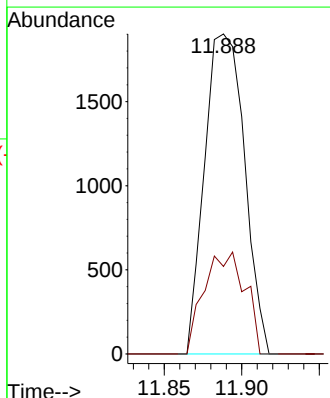
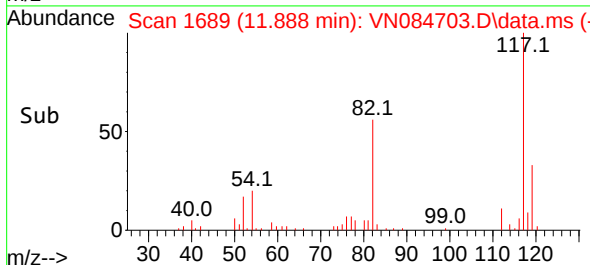
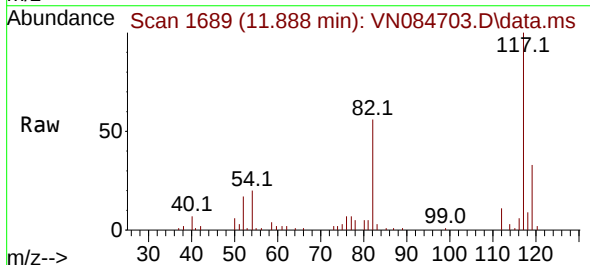


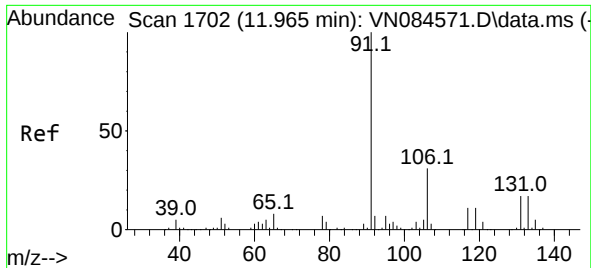
Tgt Ion:164 Resp: 501
Ion Ratio Lower Upper
164 100
166 173.7 101.0 151.4#
129 88.6 80.8 121.2
131 96.5 78.1 117.1



#65
Chlorobenzene
Concen: 0.605 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion:112 Resp: 3406
Ion Ratio Lower Upper
112 100
114 27.3 27.0 40.6

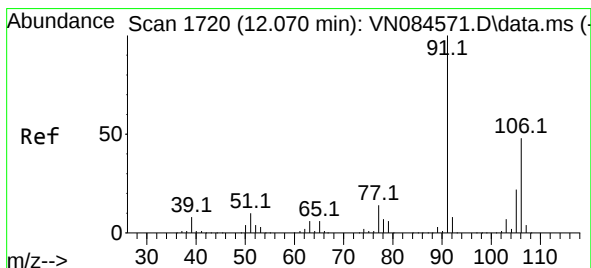
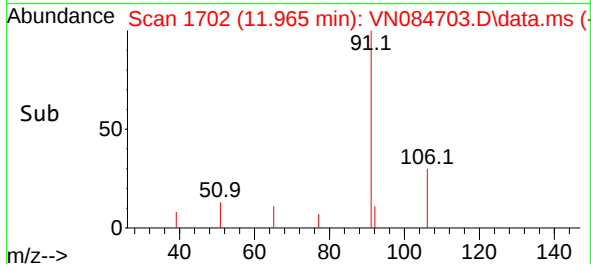
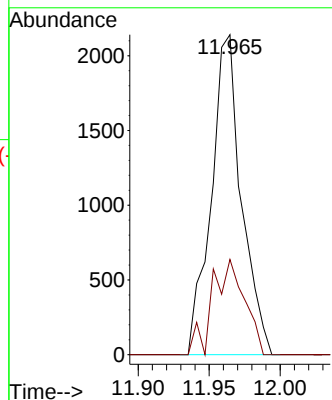
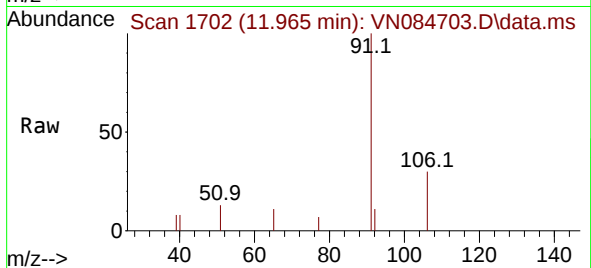




#67
Ethyl Benzene
Concen: 0.338 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

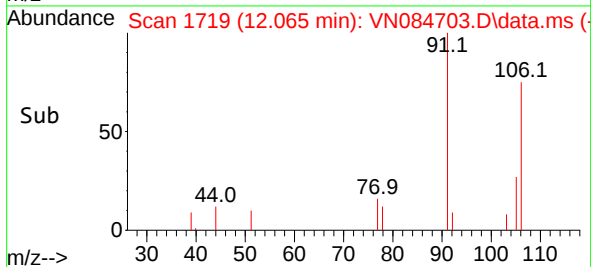
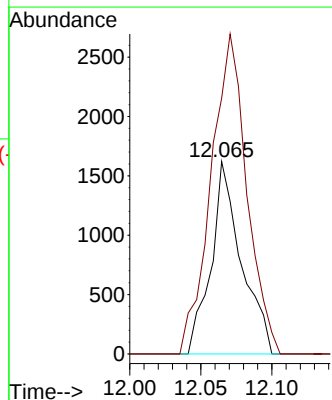
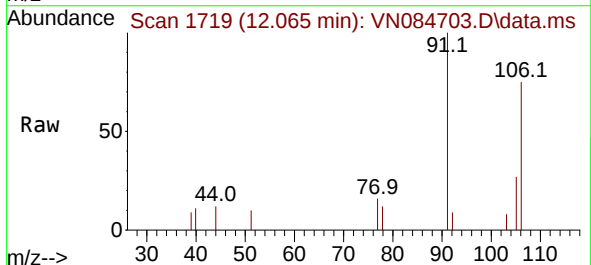
Instrument :
MSVOA_N
ClientSampleId :

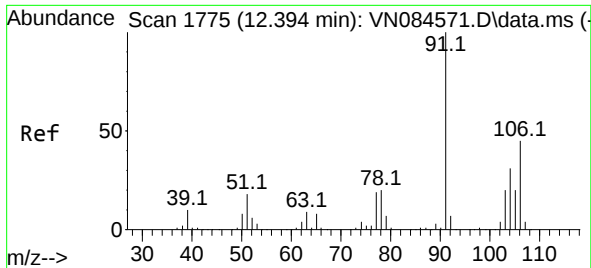
Tgt Ion: 91 Resp: 3173
Ion Ratio Lower Upper
91 100
106 29.8 24.5 36.7



#68
m/p-Xylenes
Concen: 0.672 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion:106 Resp: 2391
Ion Ratio Lower Upper
106 100
91 197.9 167.1 250.7

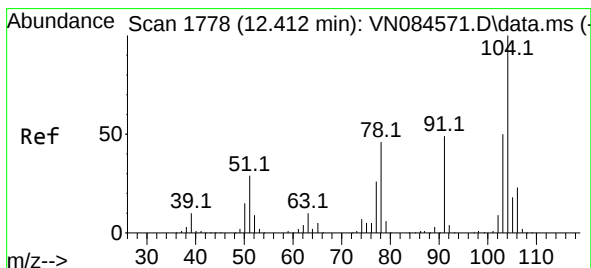
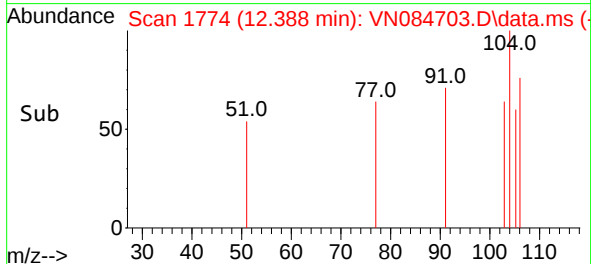
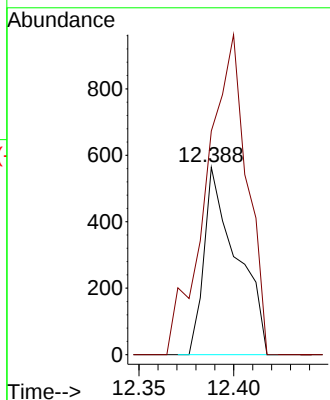
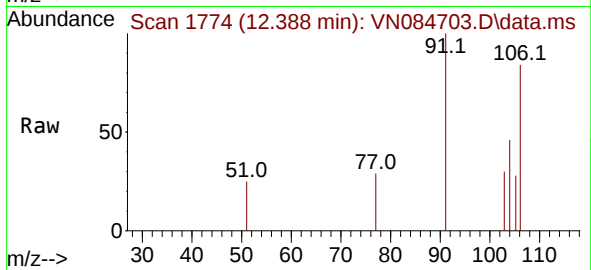




#69
o-Xylene
Concen: 0.204 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

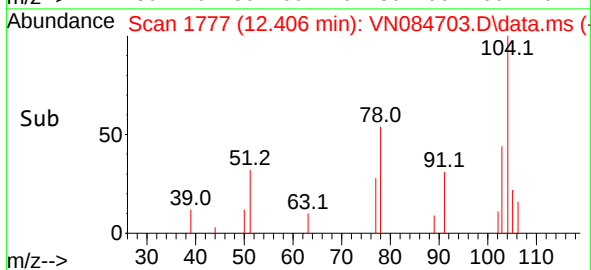
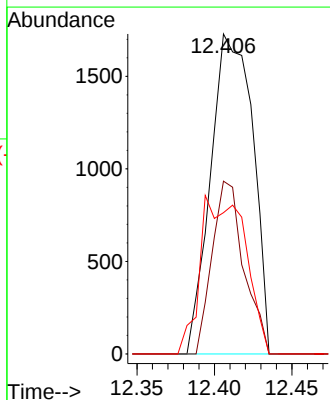
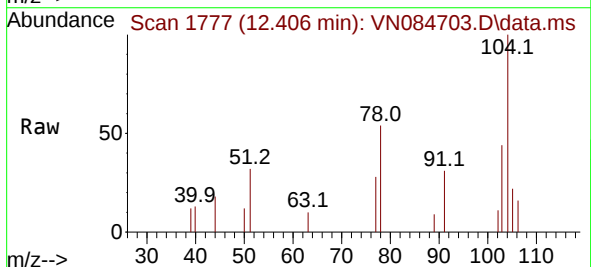
Instrument :
MSVOA_N
ClientSampleId :

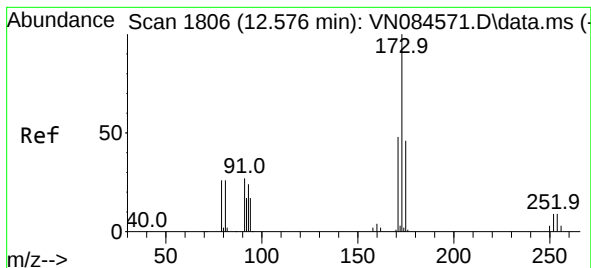
Tgt Ion:106 Resp: 679
Ion Ratio Lower Upper
106 100
91 212.4 110.2 330.6



#70
Styrene
Concen: 0.562 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion:104 Resp: 3264
Ion Ratio Lower Upper
104 100
78 40.7 42.7 64.1#
103 52.5 43.6 65.4





#71

Bromoform

Concen: 0.324 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

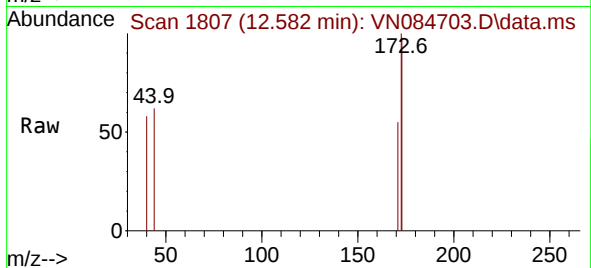
Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :



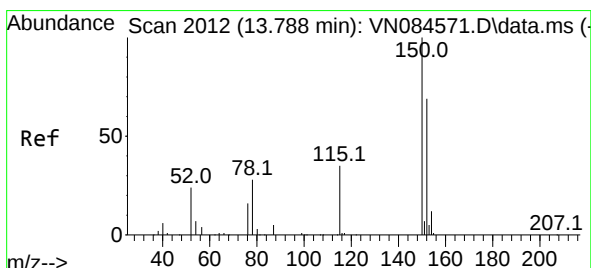
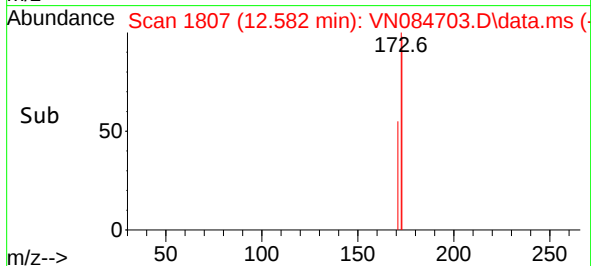
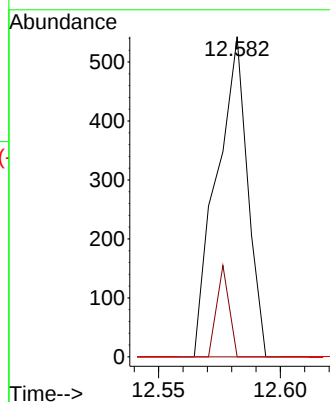
Tgt Ion:173 Resp: 477

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: VN084703.D

Acq: 06 Nov 2024 11:48

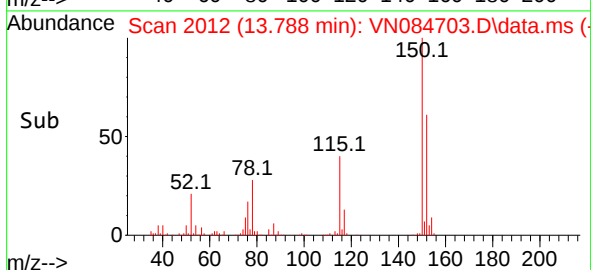
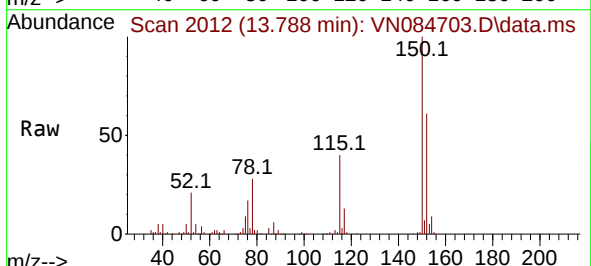
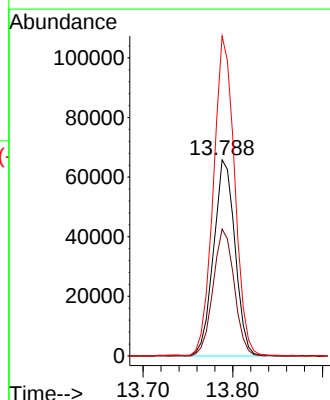
Tgt Ion:152 Resp: 109140

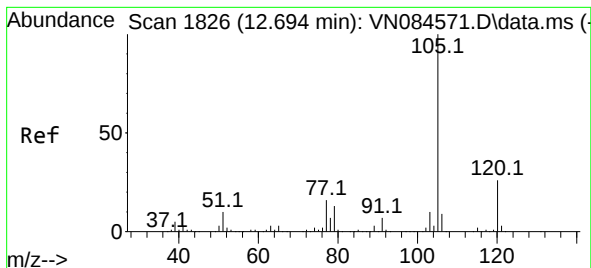
Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.9

150 161.9 0.0 349.8





#73

Isopropylbenzene

Concen: 0.261 ug/l

RT: 12.688 min Scan# 1825

Delta R.T. -0.006 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

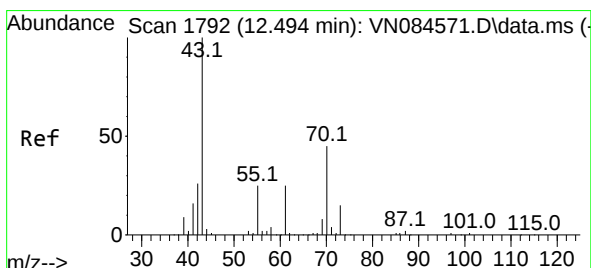
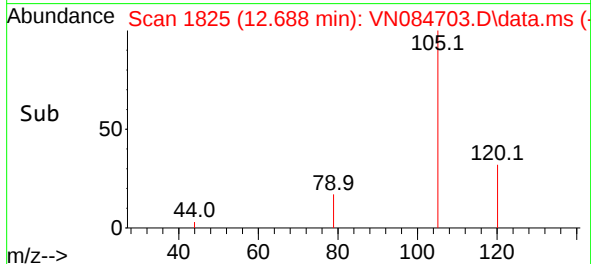
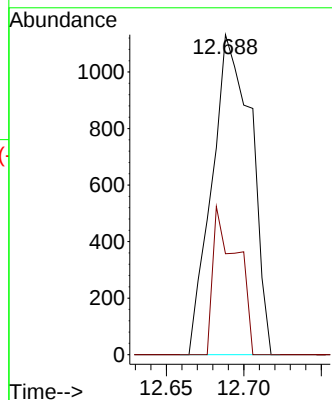
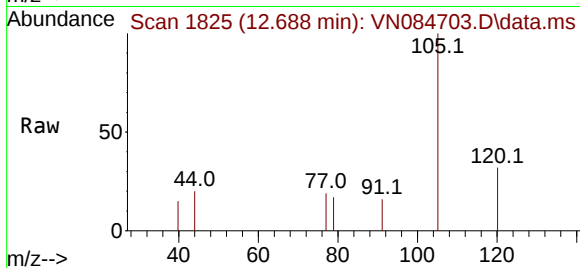
ClientSampleId :

Tgt Ion:105 Resp: 1994

Ion Ratio Lower Upper

105 100

120 28.4 12.9 38.7



#74

N-ethyl acetate

Concen: 0.262 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Tgt Ion: 43 Resp: 852

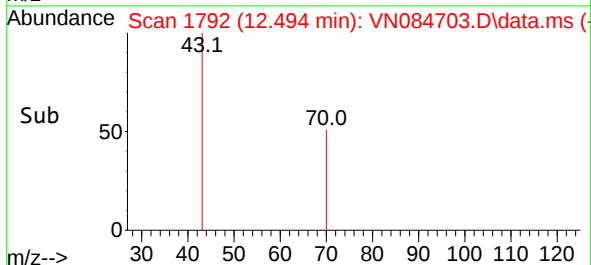
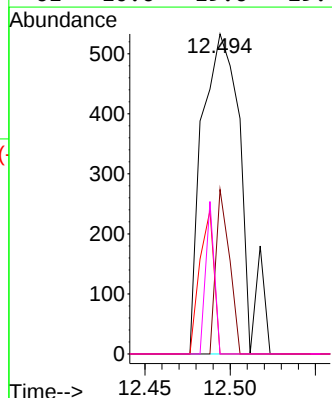
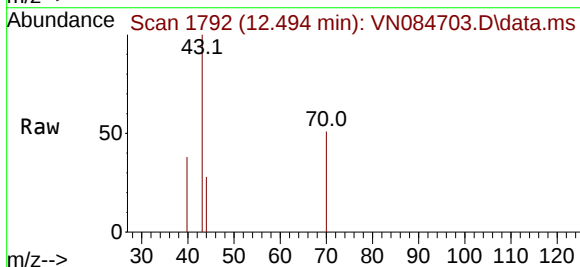
Ion Ratio Lower Upper

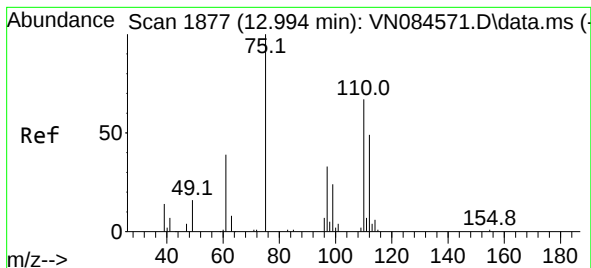
43 100

70 17.7 34.4 51.6#

55 16.4 19.6 29.4#

61 10.6 19.6 29.4#





#76

1,2,3-Trichloropropane

Concen: 29.472 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

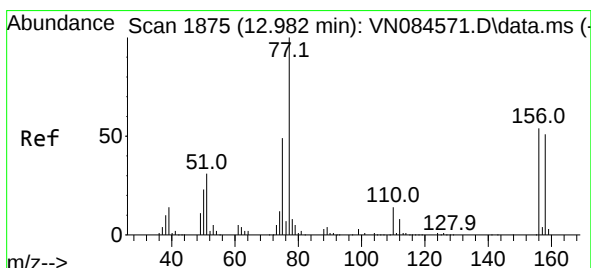
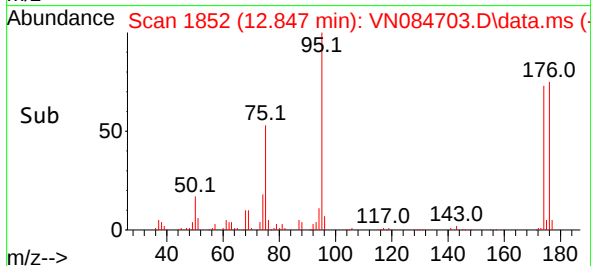
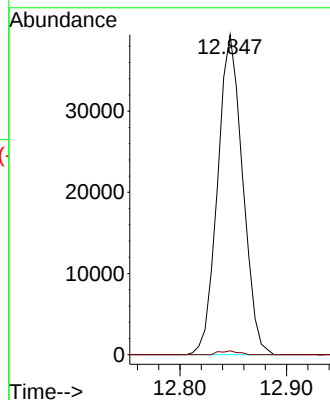
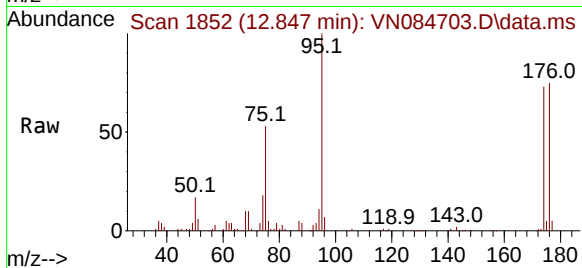
ClientSampleId :

Tgt Ion: 75 Resp: 64297

Ion Ratio Lower Upper

75 100

77 0.9 96.9 290.7#



#77

Bromobenzene

Concen: 0.858 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

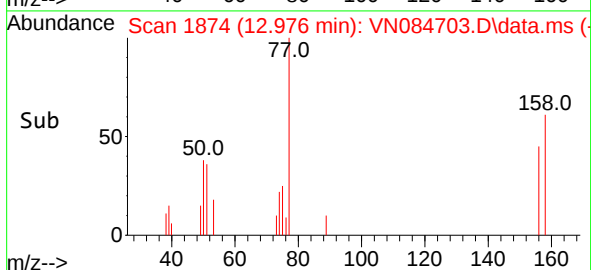
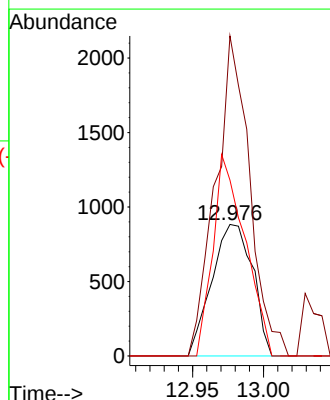
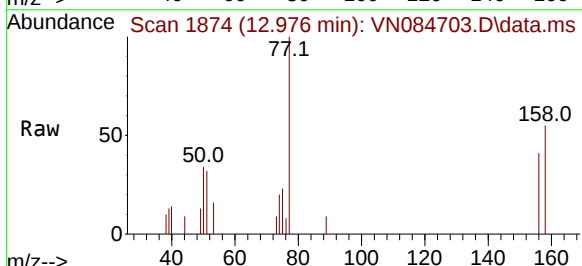
Tgt Ion: 156 Resp: 1764

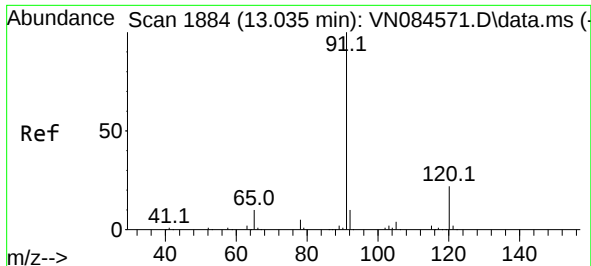
Ion Ratio Lower Upper

156 100

77 203.9 115.1 345.3

158 120.5 48.9 146.8

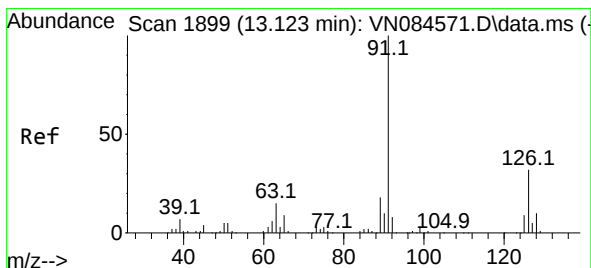
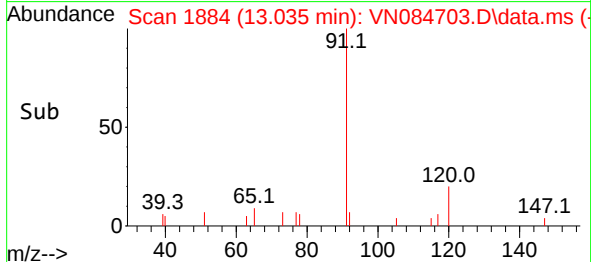
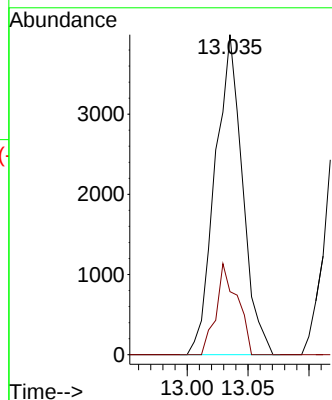
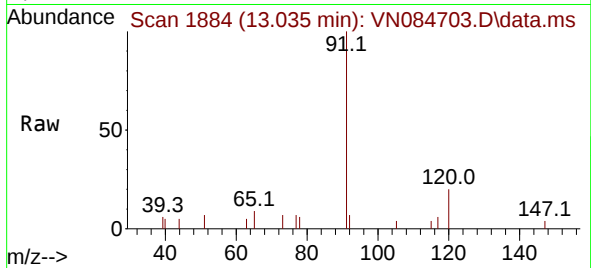




#78
n-propylbenzene
Concen: 0.699 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

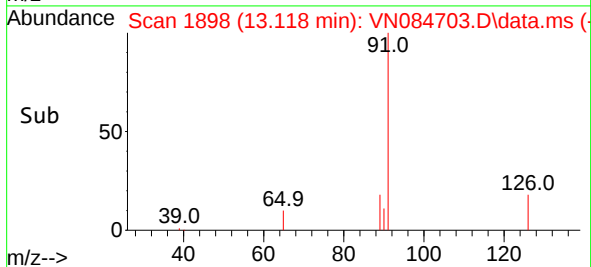
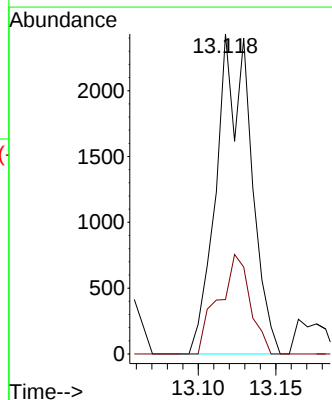
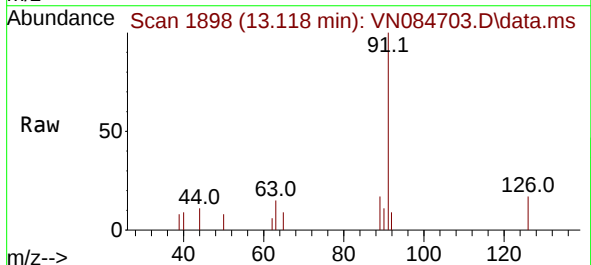
Instrument :
MSVOA_N
ClientSampleId :

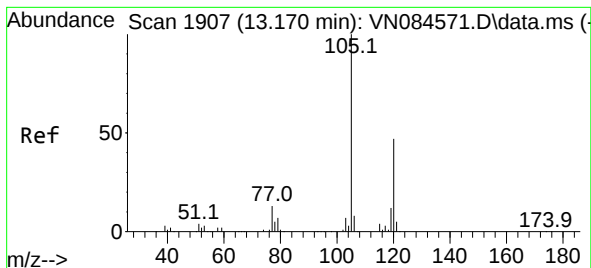
Tgt Ion: 91 Resp: 6261
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.639 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 91 Resp: 3740
Ion Ratio Lower Upper
91 100
126 28.5 15.7 47.1

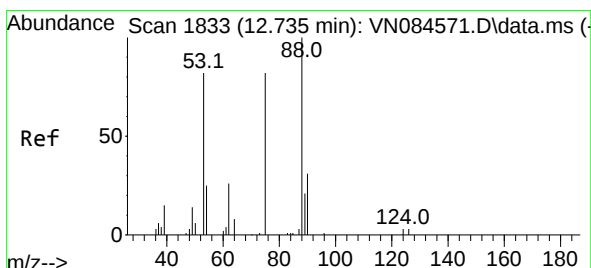
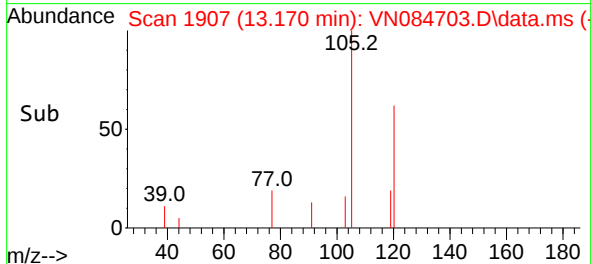
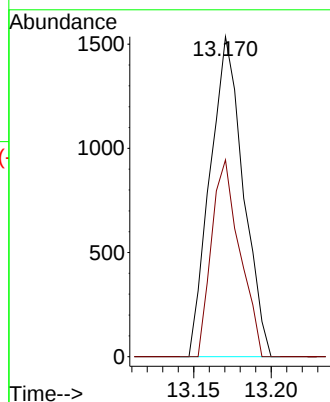
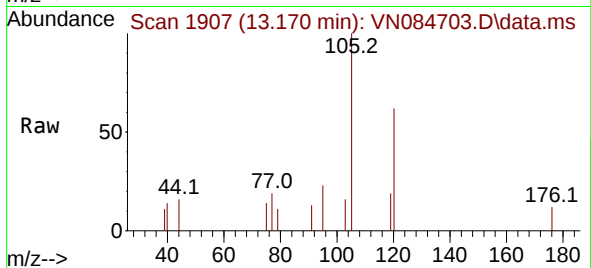




#80
 1,3,5-Trimethylbenzene
 Concen: 0.361 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

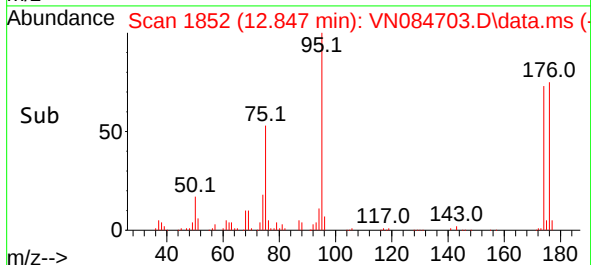
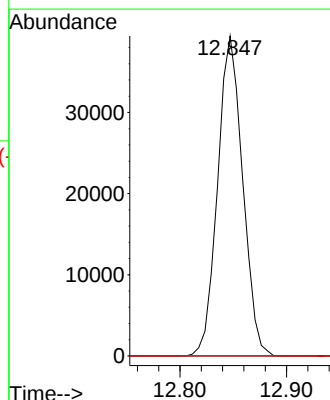
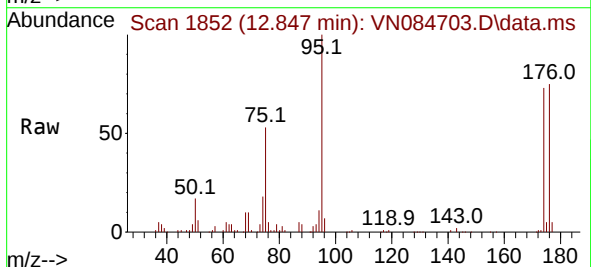
Instrument :
 MSVOA_N
 ClientSampleId :

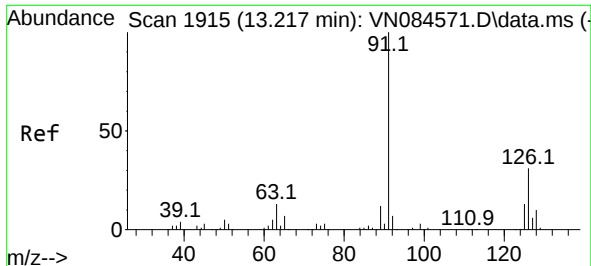
Tgt Ion:105 Resp: 2289
 Ion Ratio Lower Upper
 105 100
 120 52.2 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.919 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

Tgt Ion: 75 Resp: 64297
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

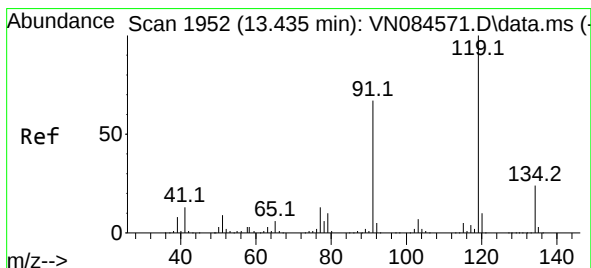
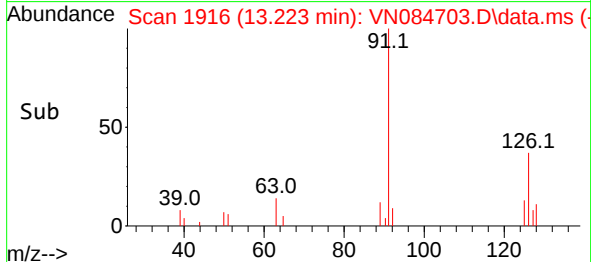
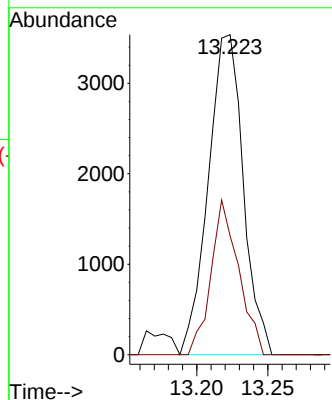
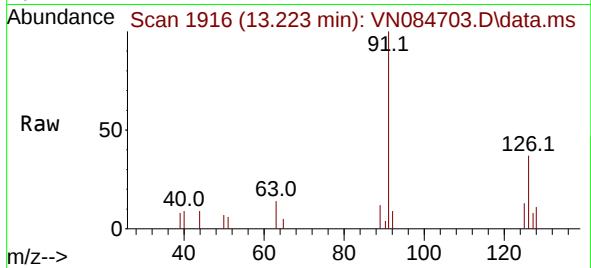




#82
4-Chlorotoluene
Concen: 0.983 ug/l
RT: 13.223 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

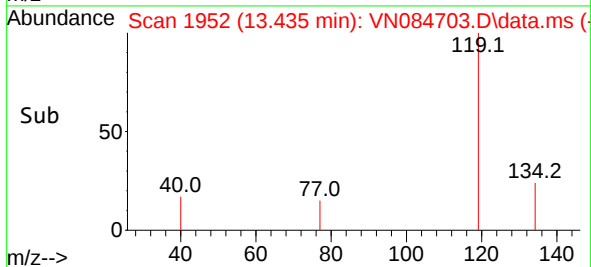
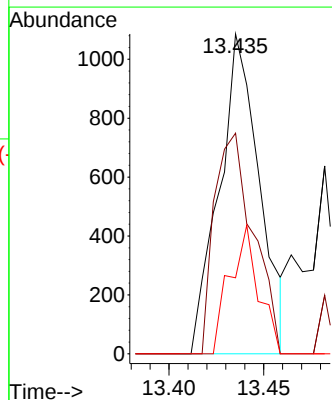
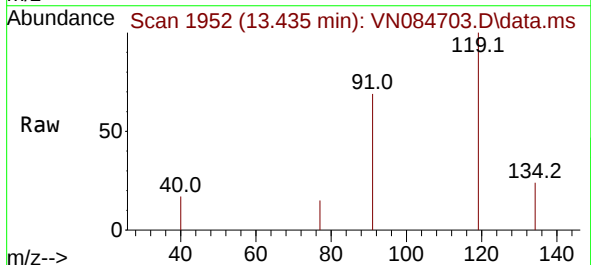
Instrument :
MSVOA_N
ClientSampleId :

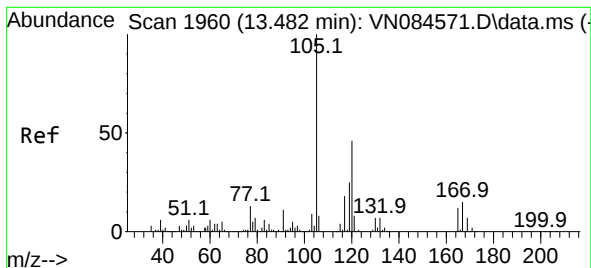
Tgt Ion: 91 Resp: 6057
Ion Ratio Lower Upper
91 100
126 38.3 15.7 47.1



#83
tert-Butylbenzene
Concen: 0.307 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 119 Resp: 1612
Ion Ratio Lower Upper
119 100
91 66.4 34.1 102.3
134 28.6 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.433 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

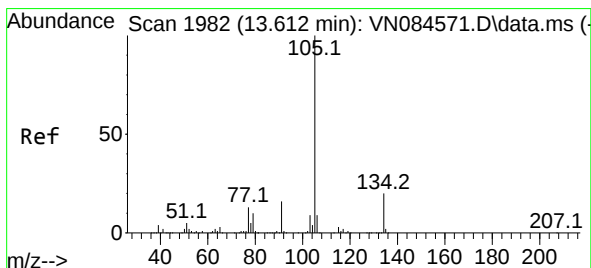
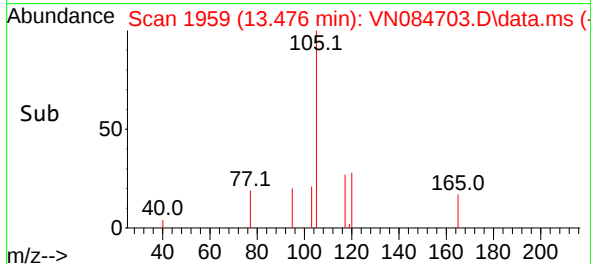
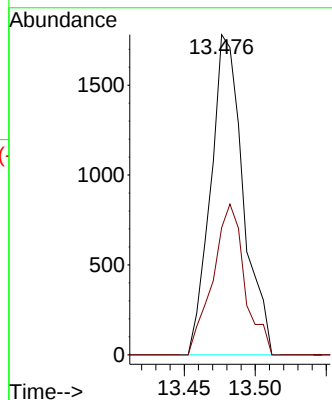
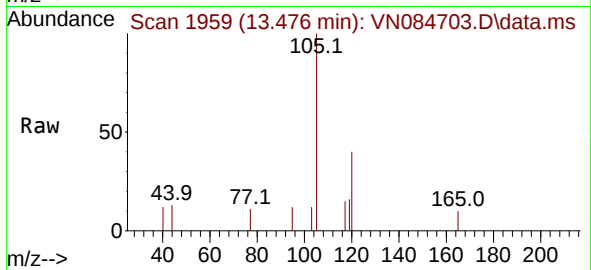
ClientSampleId :

Tgt Ion:105 Resp: 2830

Ion Ratio Lower Upper

105 100

120 46.3 22.3 66.8



#85

sec-Butylbenzene

Concen: 0.510 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN084703.D

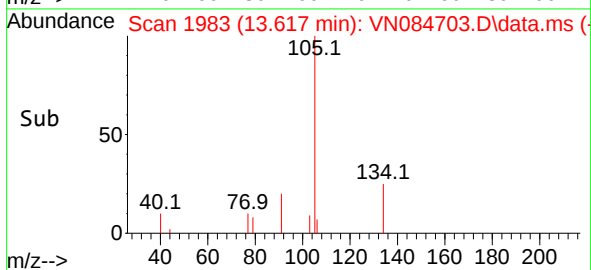
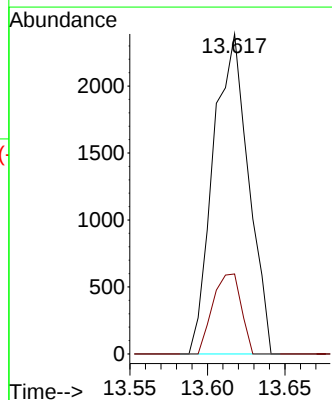
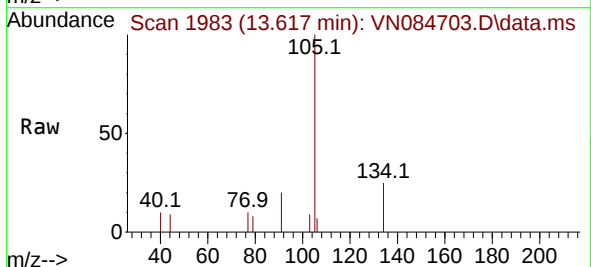
Acq: 06 Nov 2024 11:48

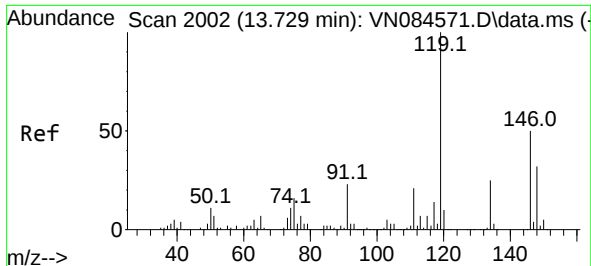
Tgt Ion:105 Resp: 3778

Ion Ratio Lower Upper

105 100

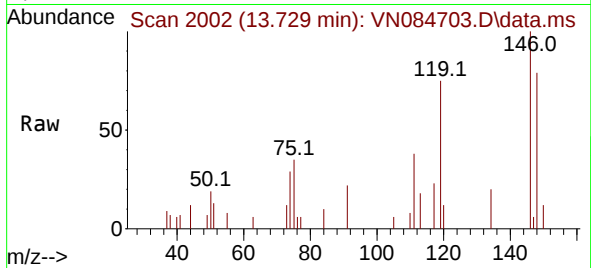
134 20.0 9.8 29.4



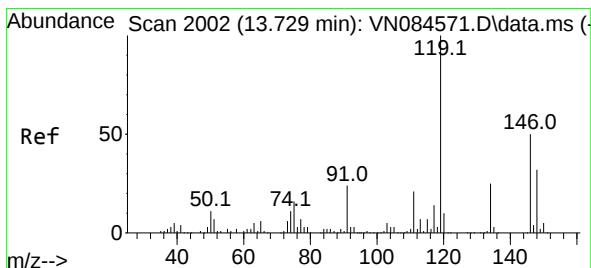
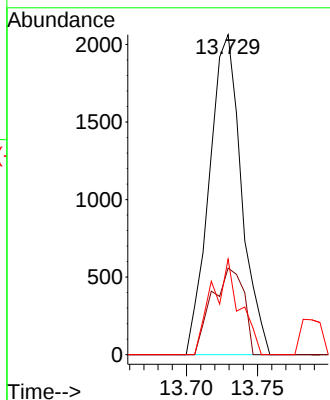
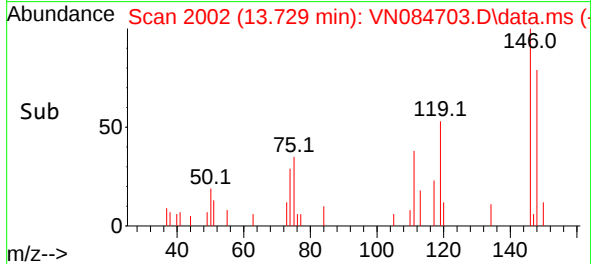


#86
 p-Isopropyltoluene
 Concen: 0.534 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

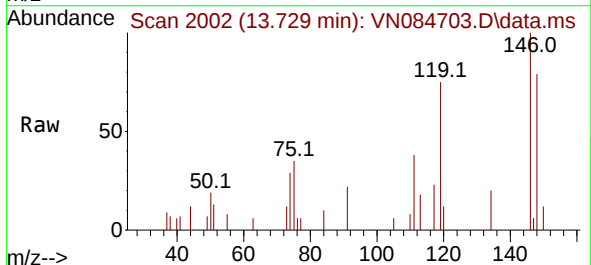
Instrument :
 MSVOA_N
 ClientSampleId :



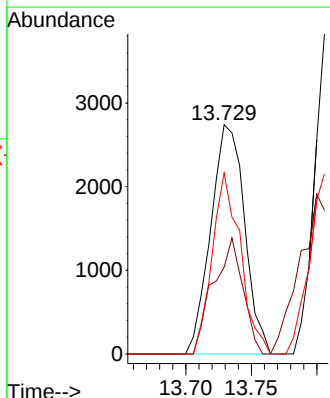
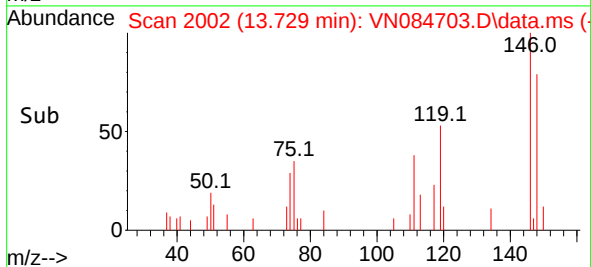
Tgt Ion:	119	Resp:	3244
Ion	Ratio	Lower	Upper
119	100		
134	26.7	12.6	37.8
91	26.1	12.4	37.2

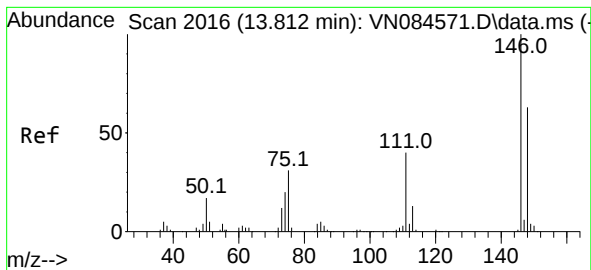


#87
 1,3-Dichlorobenzene
 Concen: 1.225 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48



Tgt Ion:	146	Resp:	4916
Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.3
148	65.8	31.9	95.7





#88

1,4-Dichlorobenzene

Concen: 0.929 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

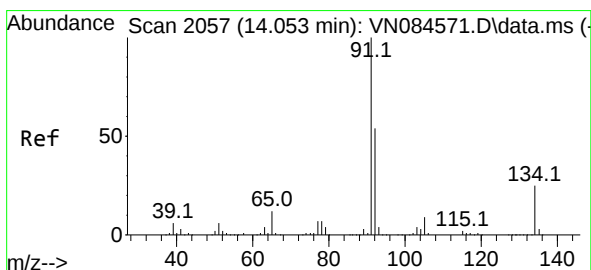
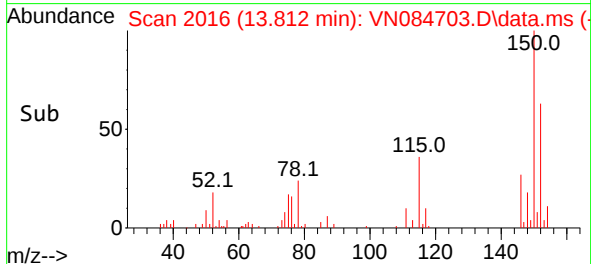
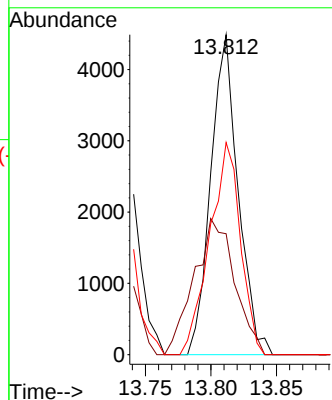
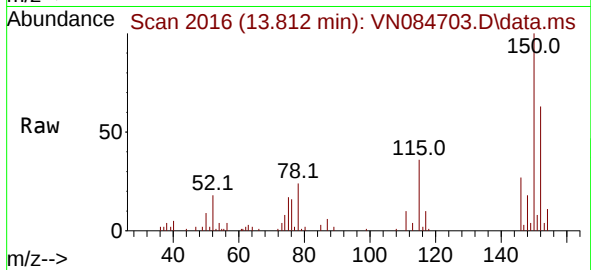
Tgt Ion:146 Resp: 6523

Ion Ratio Lower Upper

146 100

111 62.9 21.2 63.6

148 74.4 31.9 95.9



#89

n-Butylbenzene

Concen: 1.133 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

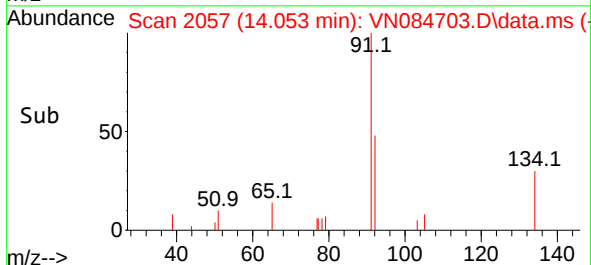
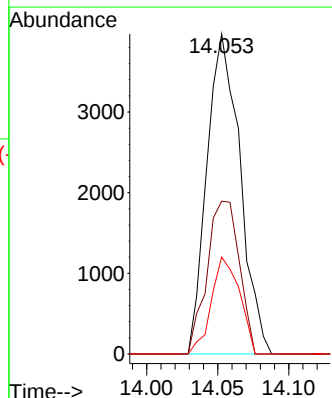
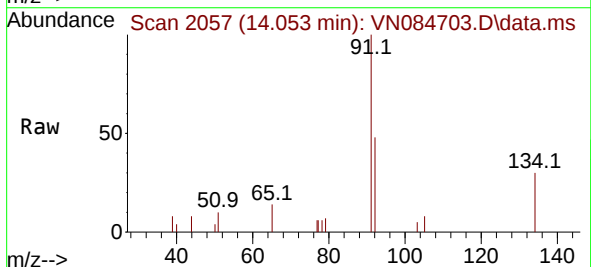
Tgt Ion: 91 Resp: 6442

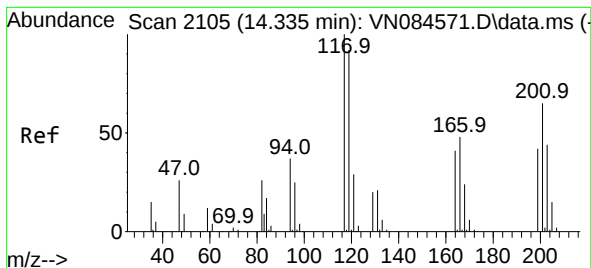
Ion Ratio Lower Upper

91 100

92 46.4 26.6 79.7

134 25.8 12.3 36.9





#90

Hexachloroethane

Concen: 0.348 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

Instrument :

MSVOA_N

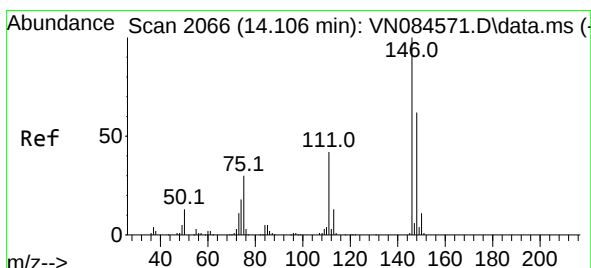
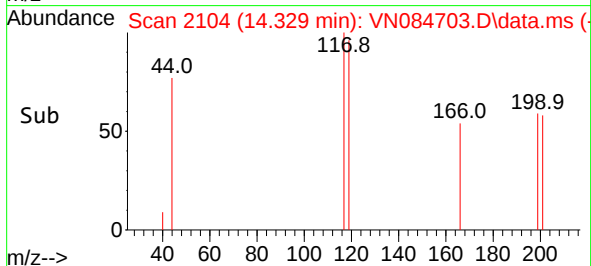
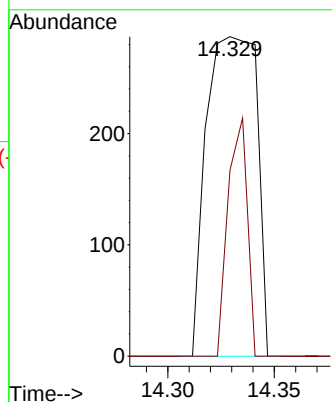
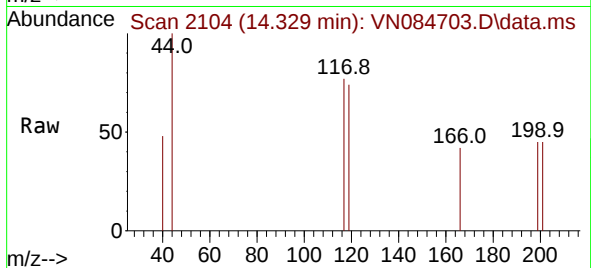
ClientSampleId :

Tgt Ion:117 Resp: 471

Ion Ratio Lower Upper

117 100

201 28.5 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.951 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084703.D

Acq: 06 Nov 2024 11:48

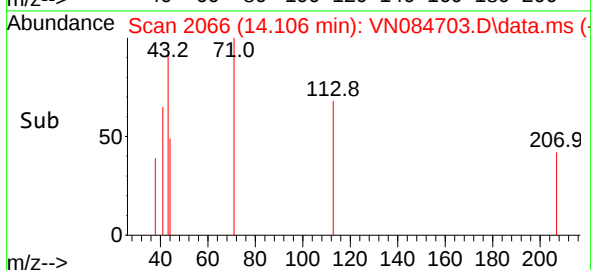
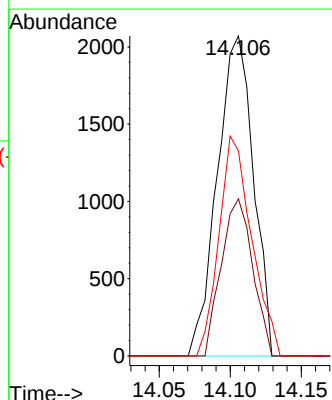
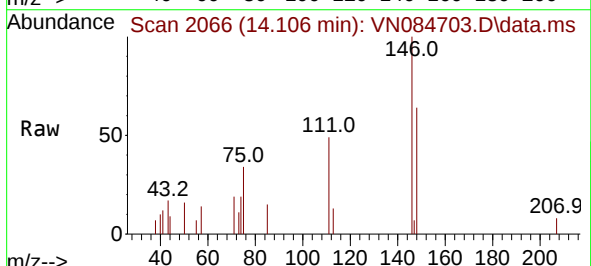
Tgt Ion:146 Resp: 3667

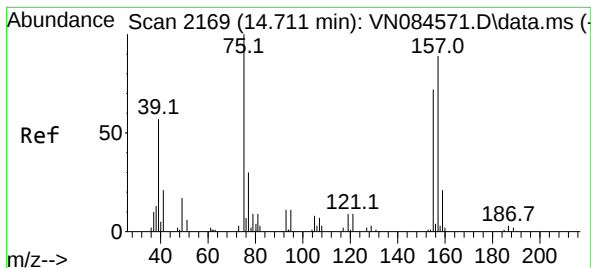
Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

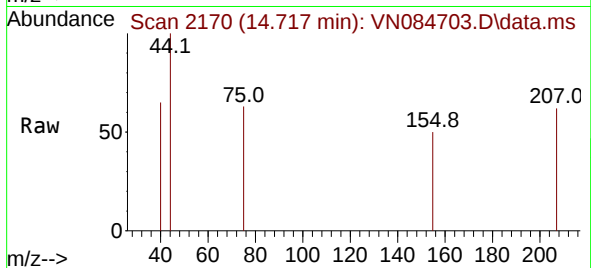
148 62.3 32.1 96.3



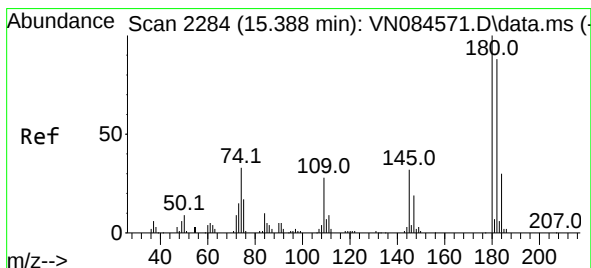
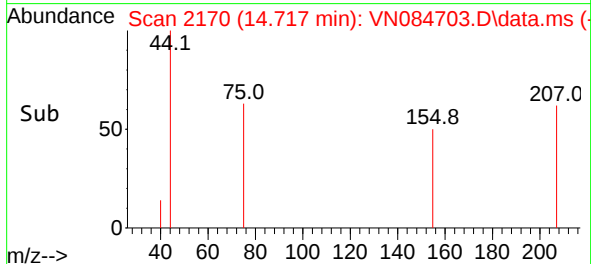
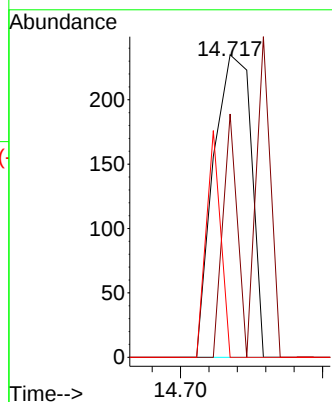


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.420 ug/l
RT: 14.717 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :

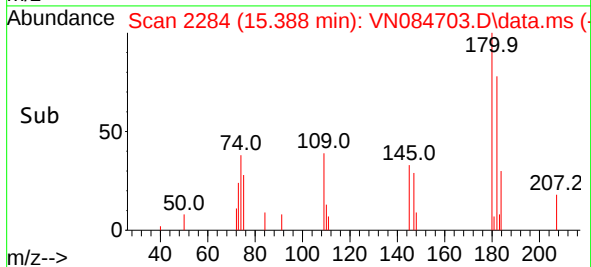
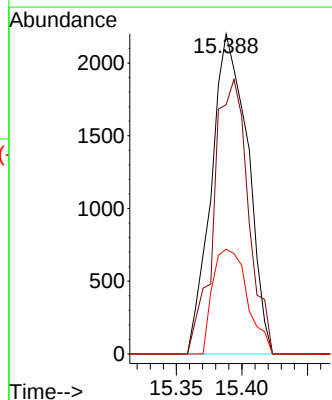
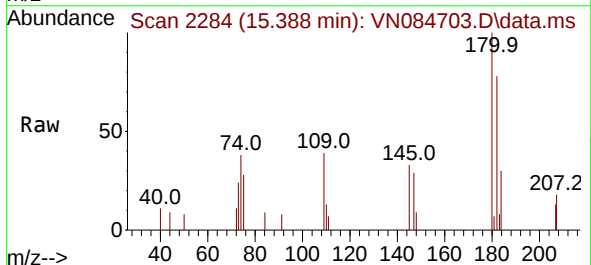


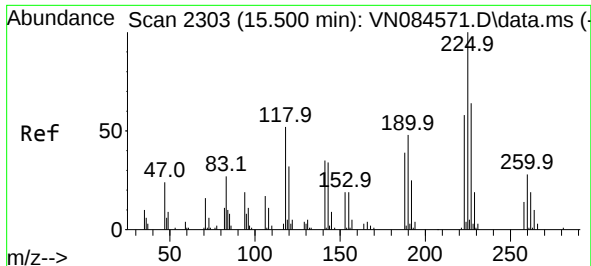
Tgt Ion: 75 Resp: 217
Ion Ratio Lower Upper
75 100
155 30.9 38.1 114.5#
157 28.6 49.6 149.0#



#93
1,2,4-Trichlorobenzene
Concen: 2.013 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

Tgt Ion: 180 Resp: 4248
Ion Ratio Lower Upper
180 100
182 81.0 47.0 141.0
145 31.2 16.4 49.4

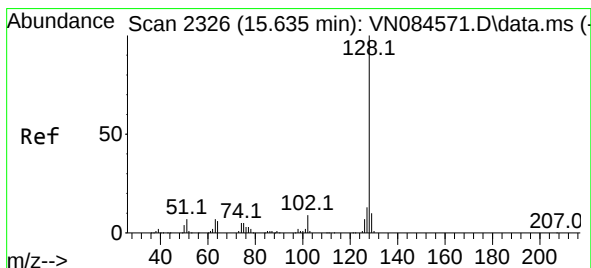
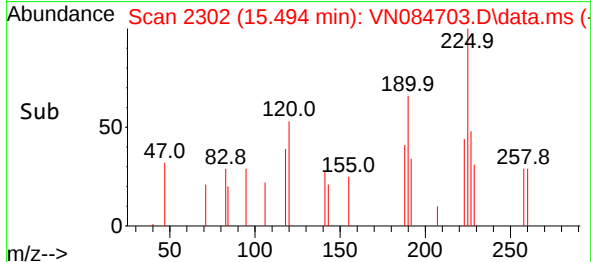
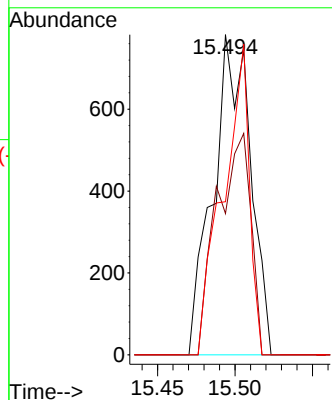
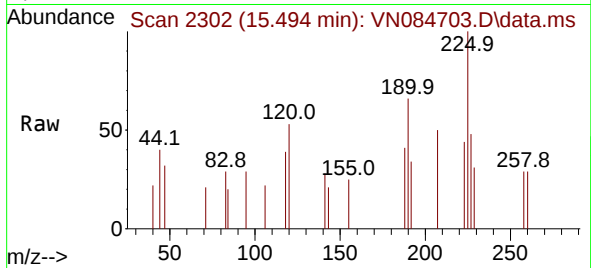




#94
Hexachlorobutadiene
Concen: 1.411 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

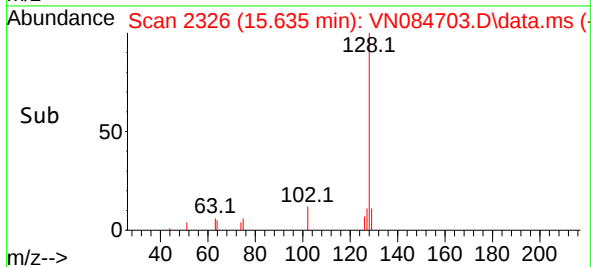
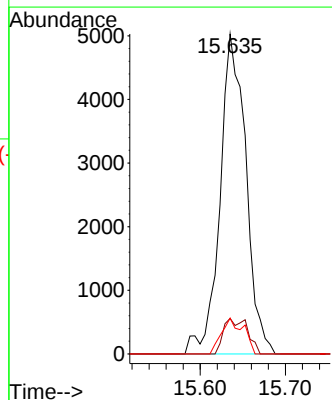
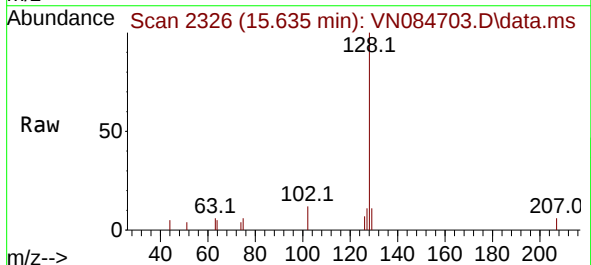
Instrument :
MSVOA_N
ClientSampleId :

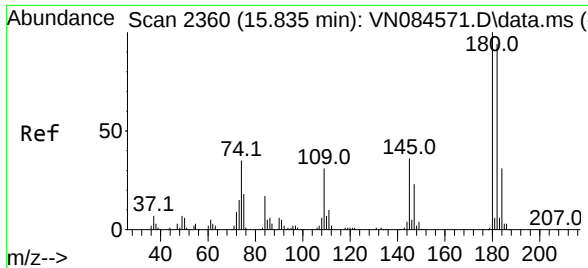
Tgt Ion:225 Resp: 1308
Ion Ratio Lower Upper
225 100
223 62.5 32.4 97.2
227 68.1 32.4 97.0



#95
Naphthalene
Concen: 1.681 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084703.D
Acq: 06 Nov 2024 11:48

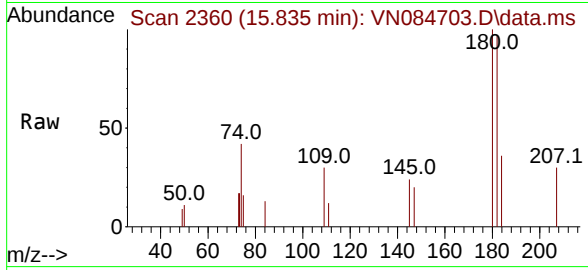
Tgt Ion:128 Resp: 10617
Ion Ratio Lower Upper
128 100
127 10.3 10.5 15.7#
129 9.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.899 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN084703.D
 Acq: 06 Nov 2024 11:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3891
Ion	Ratio	Lower	Upper
180	100		
182	98.0	48.2	144.6
145	26.6	17.3	51.9

