

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084983.D
 Acq On : 20 Nov 2024 20:58
 Operator : JC\MD
 Sample : P4770-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 21 00:50:44 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	8.224	168	152380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113952	51.776	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	103.560%	
35) Dibromofluoromethane	8.165	113	90226	48.109	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	96.220%	
50) Toluene-d8	10.565	98	319903	46.306	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	92.620%	
62) 4-Bromofluorobenzene	12.847	95	130351	50.486	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	100.980%	
Target Compounds						Qvalue
3) Chloromethane	2.365	50	710	Below Cal	#	41
5) Bromomethane	2.912	94	290	0.291	ug/l #	62
6) Chloroethane	3.106	64	88	Below Cal	#	45
11) Tert butyl alcohol	5.518	59	427	1.470	ug/l #	73
16) Acetone	4.430	43	2517	1.119	ug/l #	44
17) Carbon Disulfide	4.695	76	1261	0.236	ug/l #	75
18) Methyl Acetate	5.024	43	4571	Below Cal		97
31) Cyclohexane	8.224	56	4816	1.585	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13489	5.186	ug/l #	50
38) Carbon Tetrachloride	8.218	117	16573	5.701	ug/l #	17
39) Methylcyclohexane	9.600	83	784	0.296	ug/l	93
40) Benzene	8.606	78	6541	0.783	ug/l #	68
41) Methacrylonitrile	8.006	41	516	0.407	ug/l #	1
43) Isopropyl Acetate	8.724	43	60491	13.164	ug/l #	57
51) 4-Methyl-2-Pentanone	10.441	43	572	0.254	ug/l #	36
52) Toluene	10.630	92	99603	20.389	ug/l	98
59) 2-Hexanone	11.194	43	1240	0.757	ug/l #	52
65) Chlorobenzene	11.894	112	1226	0.226	ug/l #	77
67) Ethyl Benzene	11.965	91	67442	7.457	ug/l	97
68) m/p-Xylenes	12.065	106	119638	34.939	ug/l	98
69) o-Xylene	12.394	106	52872	16.506	ug/l	100
70) Styrene	12.400	104	5111	0.915	ug/l #	1
73) Isopropylbenzene	12.694	105	21409	2.502	ug/l	98
74) N-amyl acetate	12.500	43	839	0.230	ug/l #	62
76) 1,2,3-Trichloropropane	12.847	75	68012	27.870	ug/l #	1
77) Bromobenzene	12.971	156	767	0.333	ug/l	87
78) n-propylbenzene	13.035	91	46927	4.681	ug/l	98
79) 2-Chlorotoluene	13.218	91	3098	0.473	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	81125	11.441	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	68012	66.119	ug/l #	11
82) 4-Chlorotoluene	13.218	91	3098	0.449	ug/l	96
83) tert-Butylbenzene	13.482	119	37433	6.379	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	301506	41.200	ug/l	99
85) sec-Butylbenzene	13.482	105	301506	36.373	ug/l #	57
86) p-Isopropyltoluene	13.723	119	3783	0.556	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	2133	0.475	ug/l	86

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

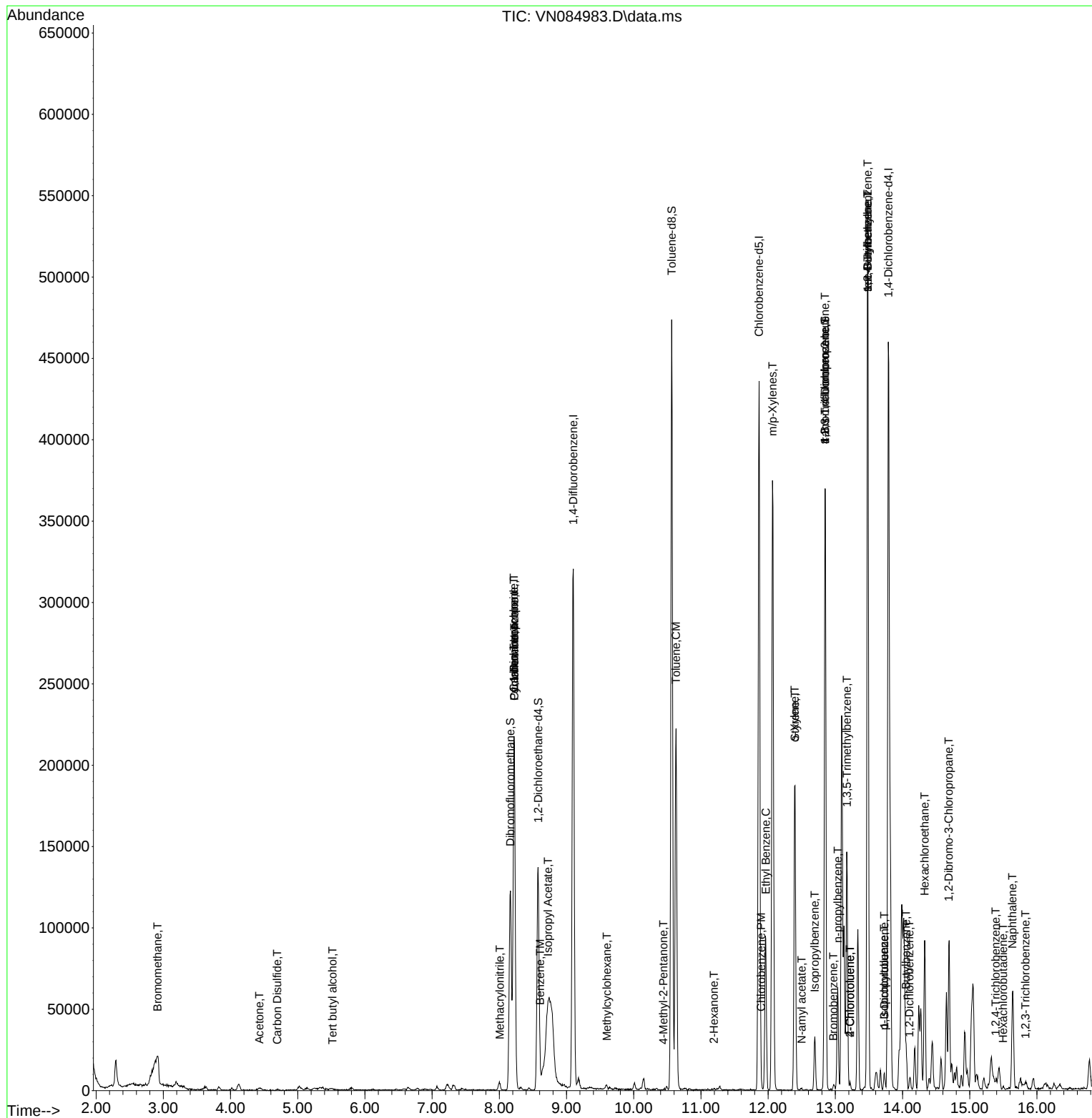
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.729	146	2133	Below Cal	85
89) n-Butylbenzene	14.053	91	12297	1.934 ug/l #	79
90) Hexachloroethane	14.329	117	5759	3.799 ug/l #	15
91) 1,2-Dichlorobenzene	14.100	146	1977	0.458 ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.688	75	639	1.105 ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	1891	0.801 ug/l #	84
94) Hexachlorobutadiene	15.494	225	393	0.379 ug/l #	67
95) Naphthalene	15.635	128	59150	8.371 ug/l	98
96) 1,2,3-Trichlorobenzene	15.829	180	1905	0.831 ug/l	89

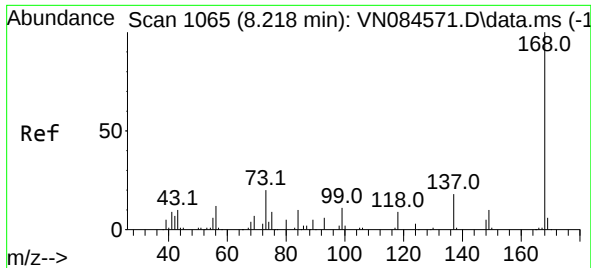
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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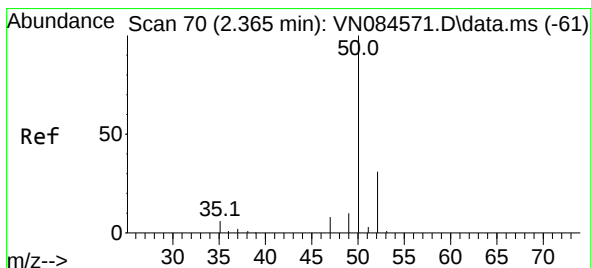
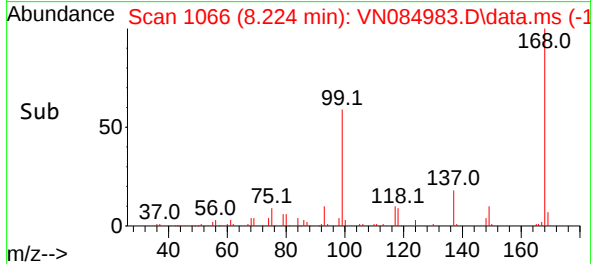
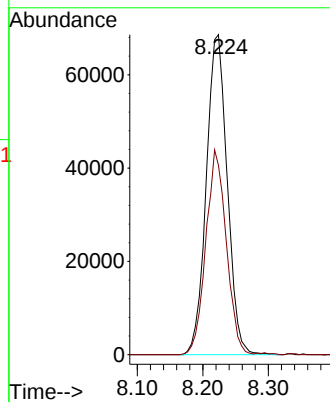
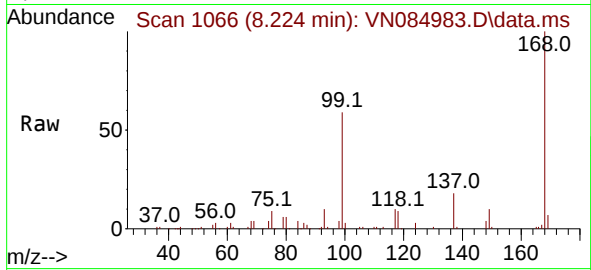




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084983.D
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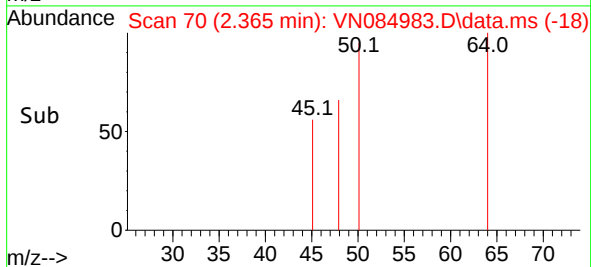
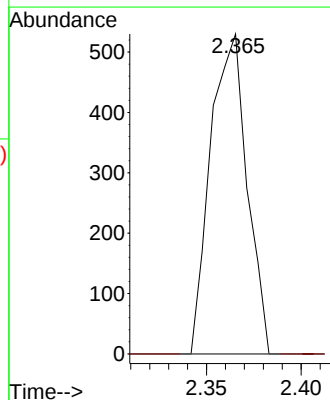
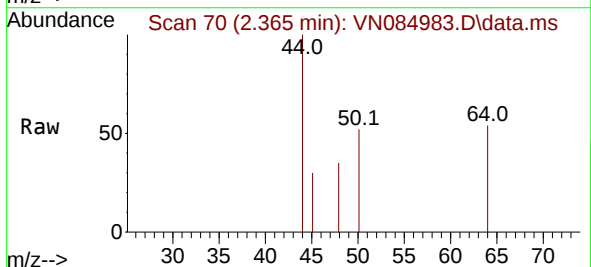
Instrument :
MSVOA_N
ClientSampleId :

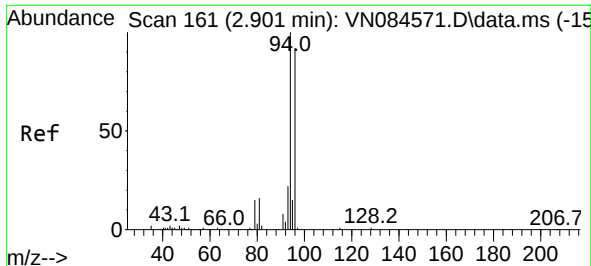
Tgt Ion:168 Resp: 152380
Ion Ratio Lower Upper
168 100
99 59.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

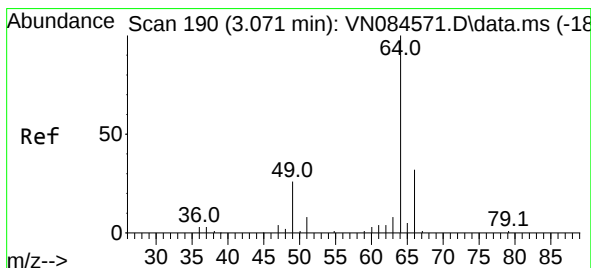
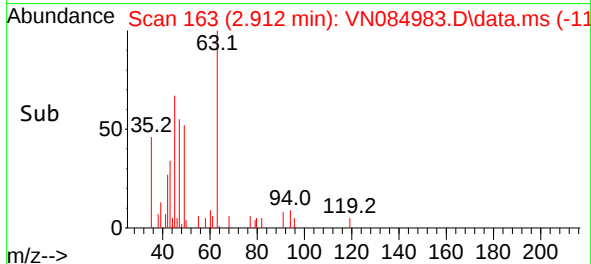
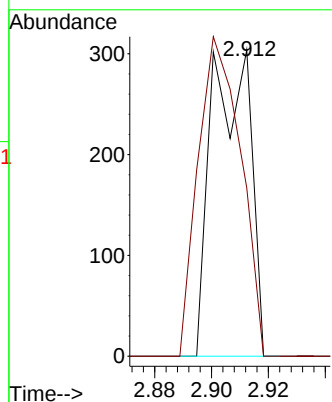
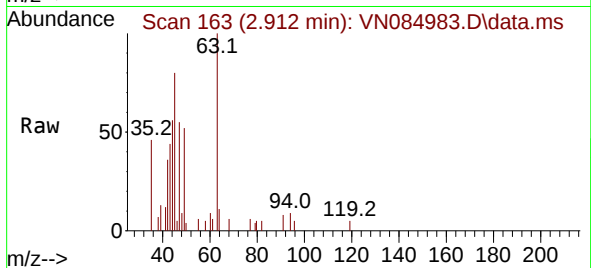




#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.912 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

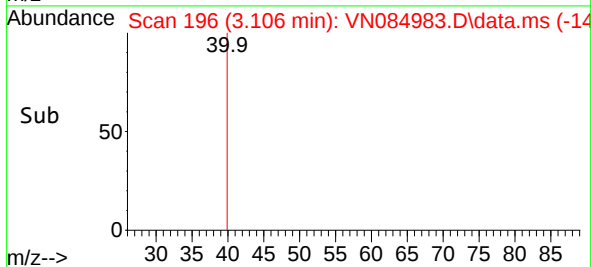
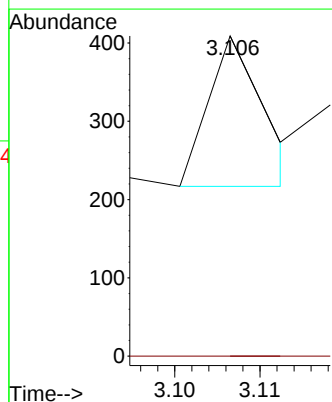
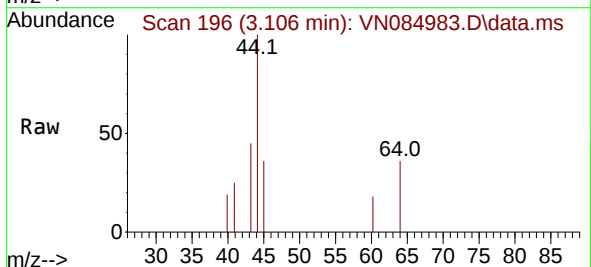
Instrument :
MSVOA_N
ClientSampleId :

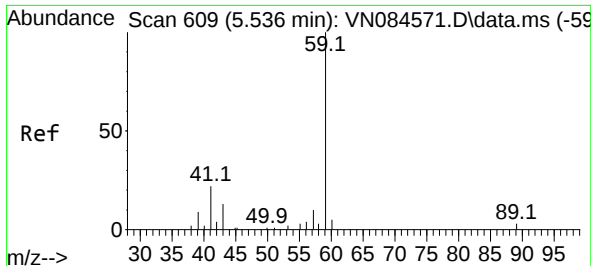
Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 54.9 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

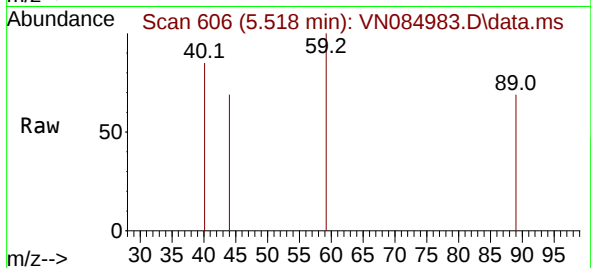
Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



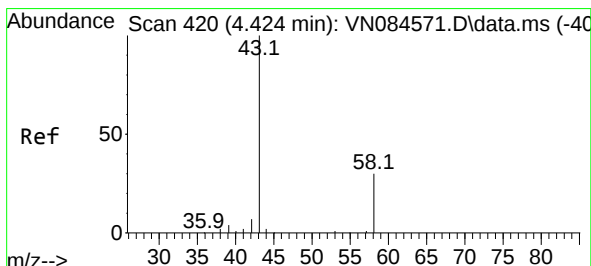
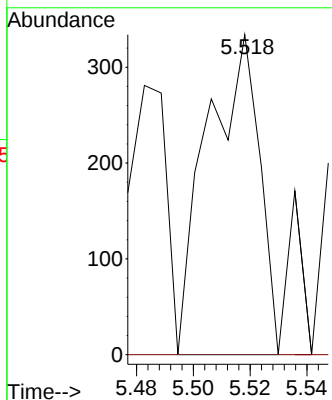
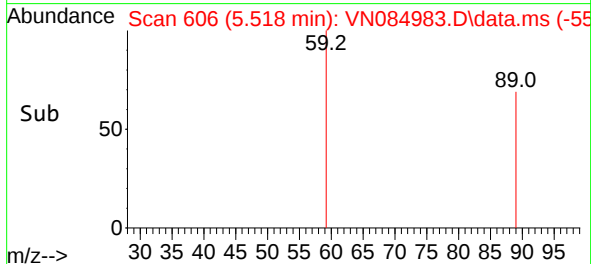


#11
Tert butyl alcohol
Concen: 1.470 ug/l
RT: 5.518 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :

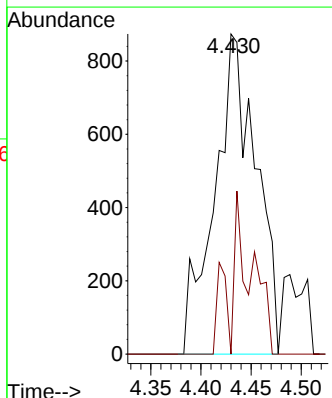
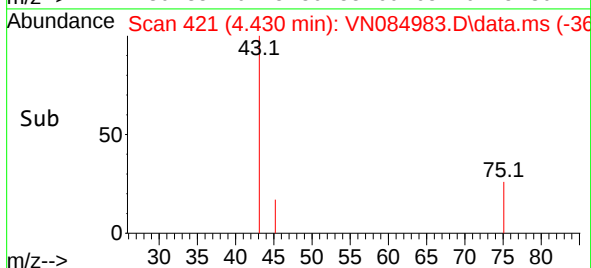
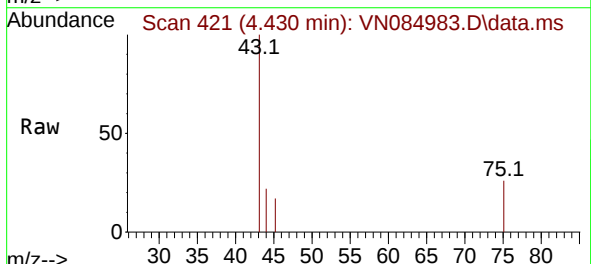


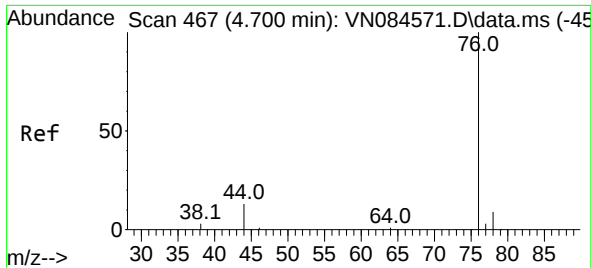
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.119 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

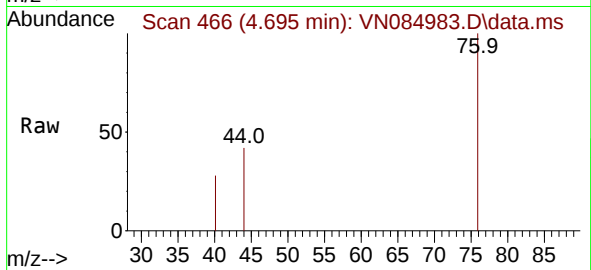
Tgt Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



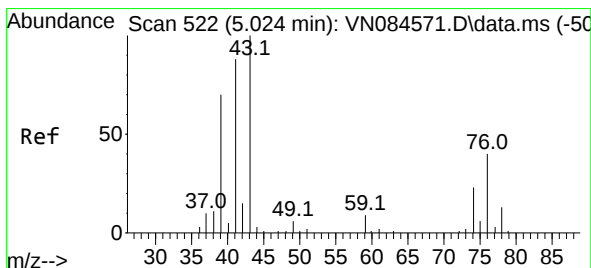
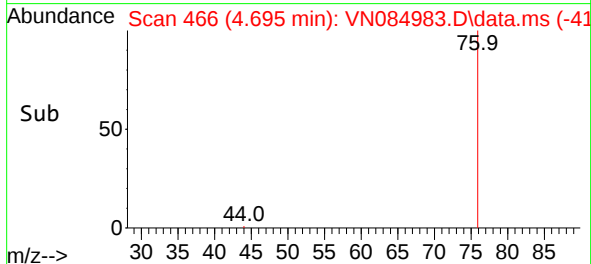
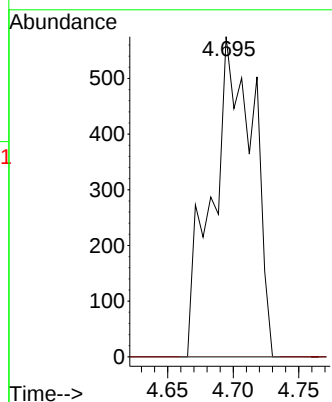


#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
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ClientSampleId :

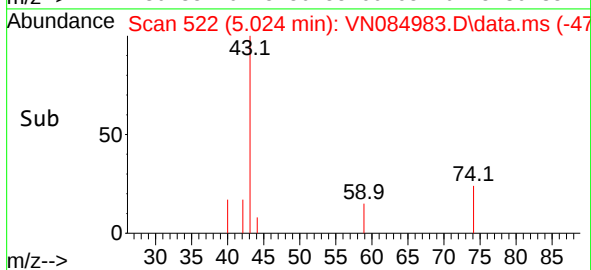
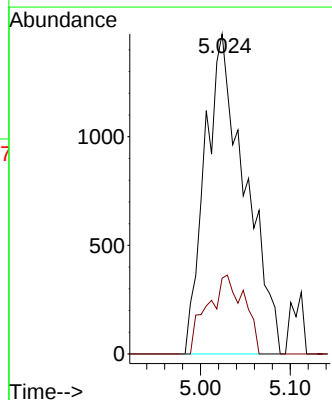
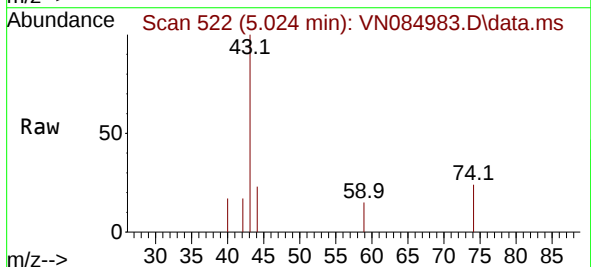


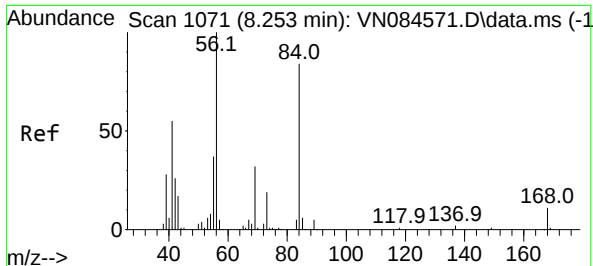
Tgt Ion: 76 Resp: 1261
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

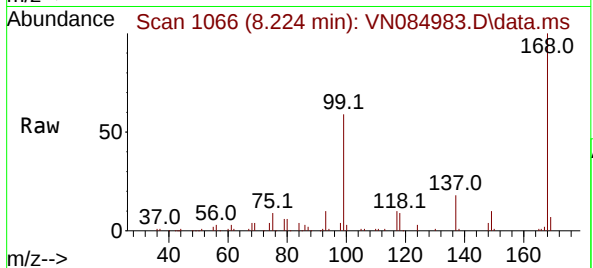
Tgt Ion: 43 Resp: 4571
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8



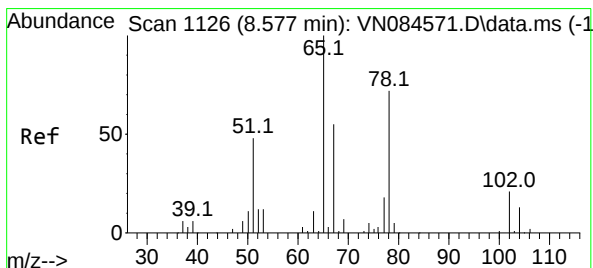
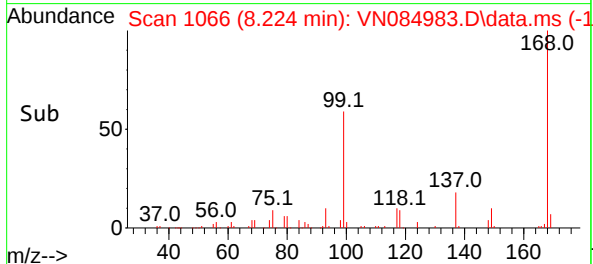
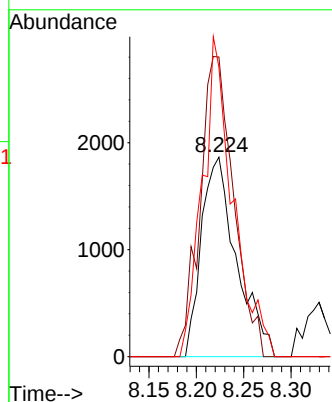


#31
Cyclohexane
Concen: 1.585 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
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ClientSampleId :

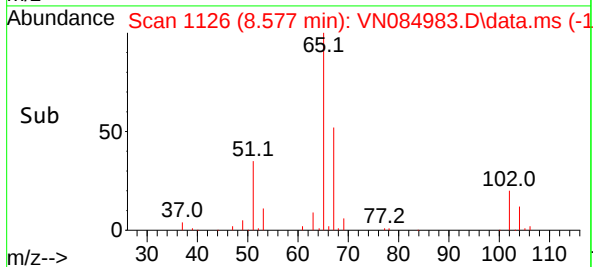
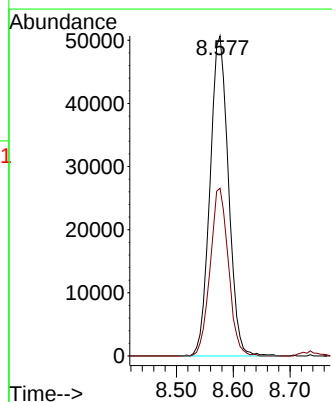
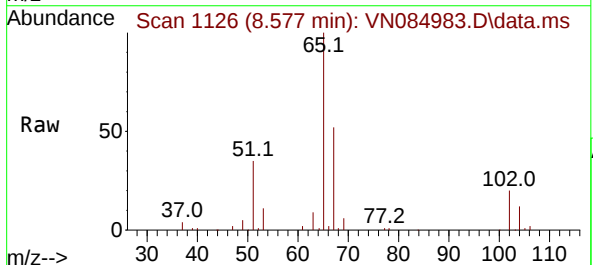


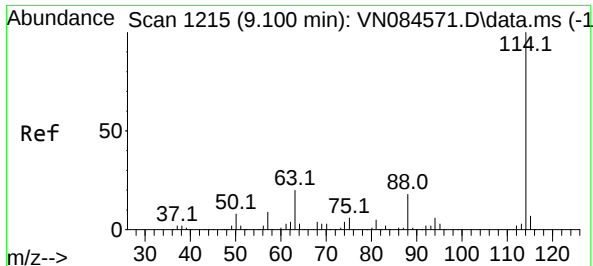
Tgt Ion: 56 Resp: 4816
Ion Ratio Lower Upper
56 100
69 150.2 23.8 35.6#
84 145.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.776 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 65 Resp: 113952
Ion Ratio Lower Upper
65 100
67 51.8 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: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

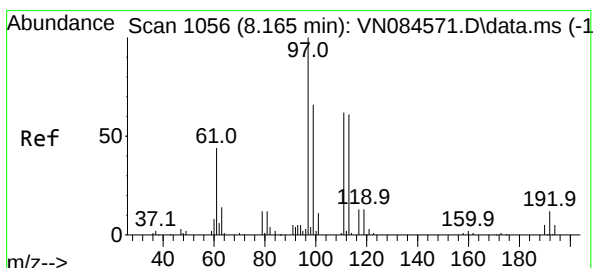
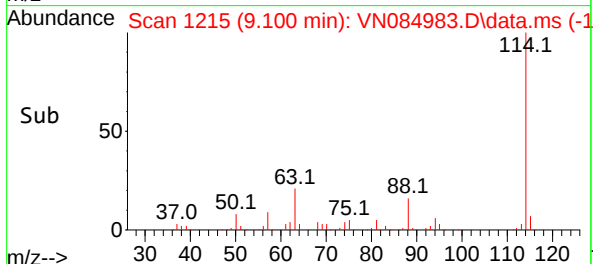
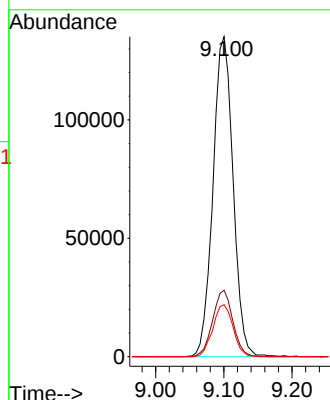
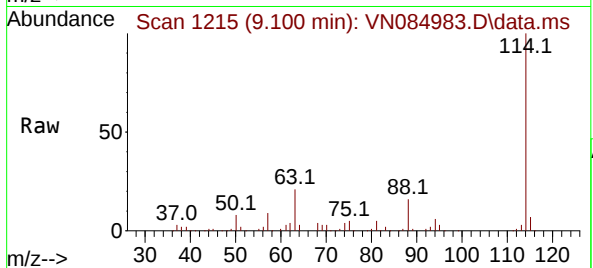
Tgt Ion:114 Resp: 277071

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

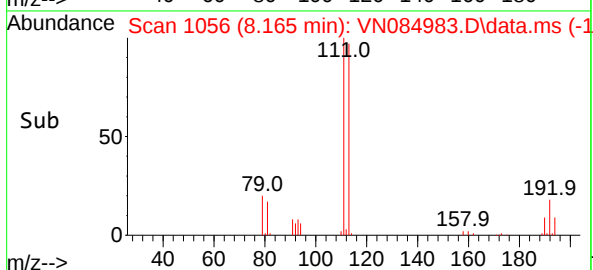
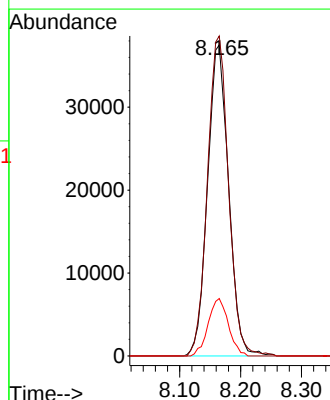
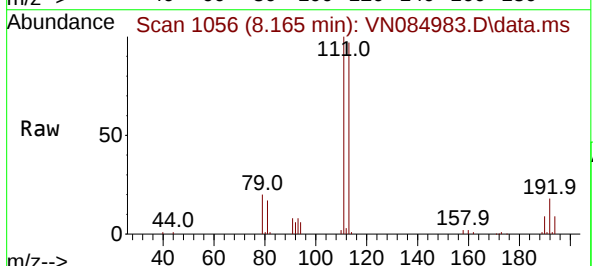
Tgt Ion:113 Resp: 90226

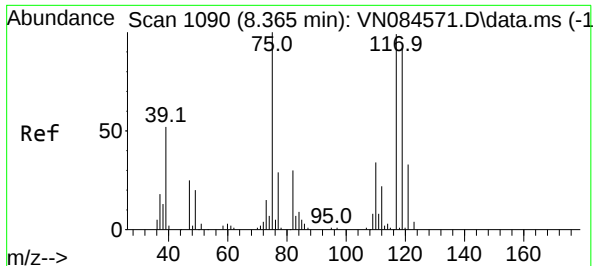
Ion Ratio Lower Upper

113 100

111 103.0 83.3 124.9

192 17.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.186 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

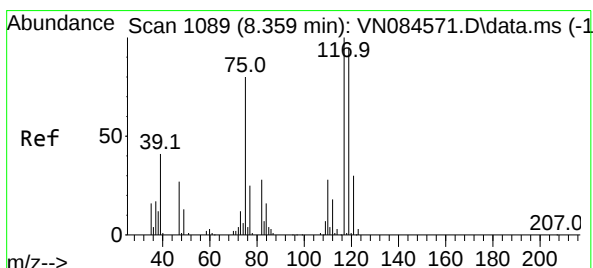
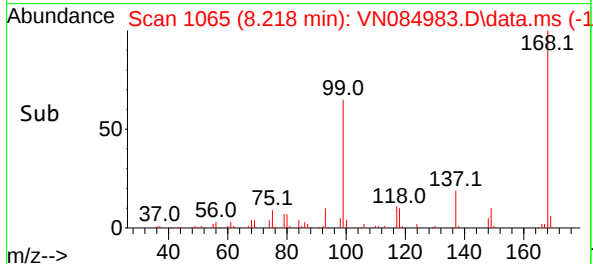
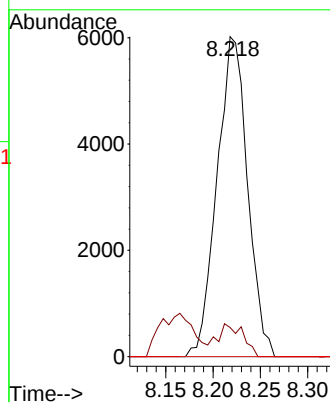
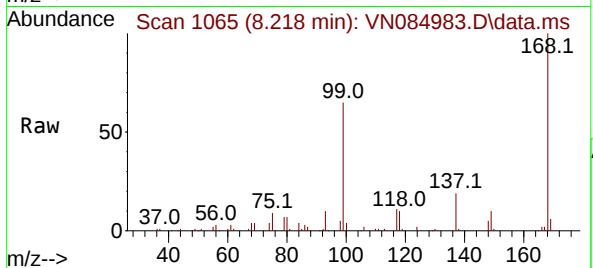
Tgt Ion: 75 Resp: 13489

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.701 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

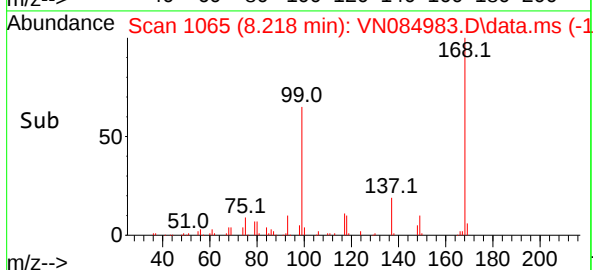
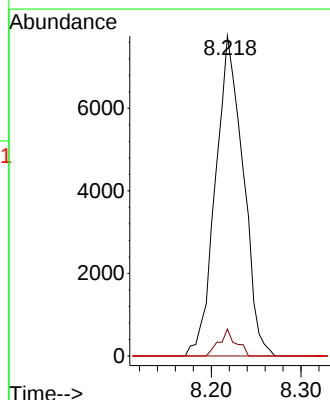
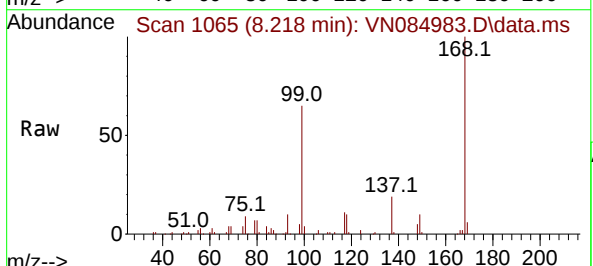
Tgt Ion: 117 Resp: 16573

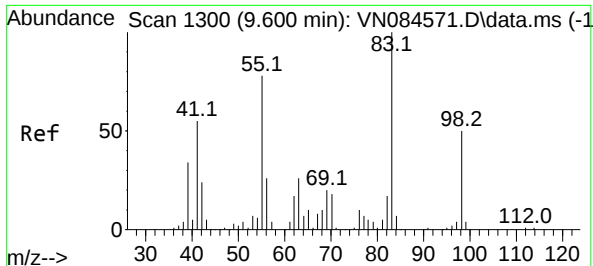
Ion Ratio Lower Upper

117 100

119 8.5 78.7 118.1#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.296 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

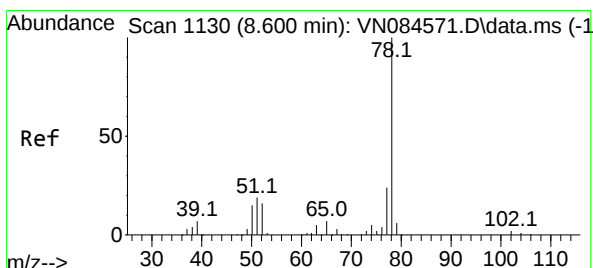
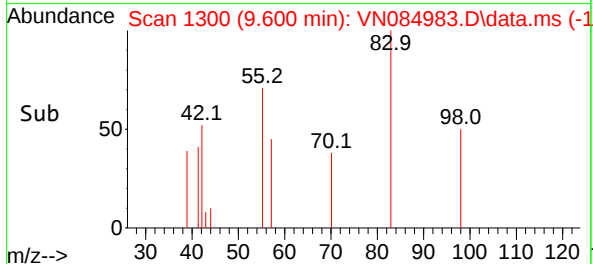
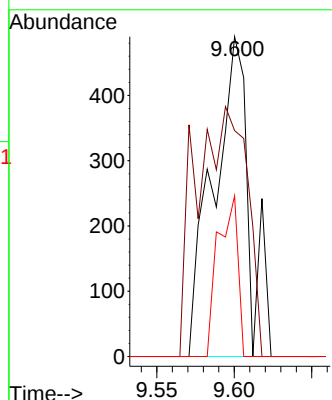
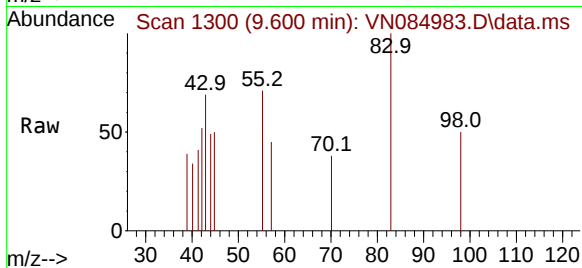
Tgt Ion: 83 Resp: 784

Ion Ratio Lower Upper

83 100

55 70.6 62.8 94.2

98 50.2 38.8 58.2



#40

Benzene

Concen: 0.783 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN084983.D

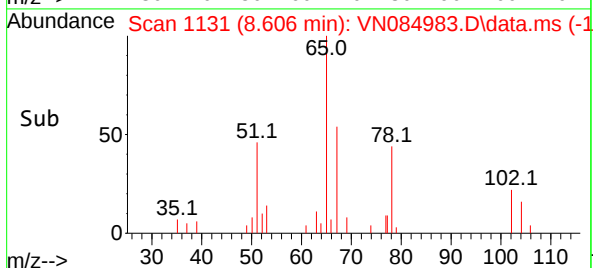
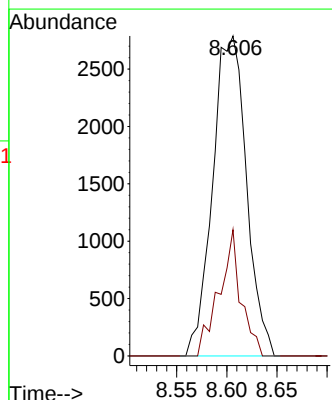
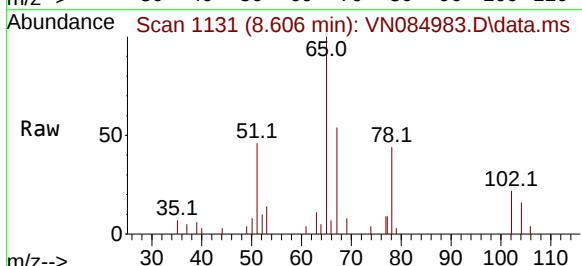
Acq: 20 Nov 2024 20:58

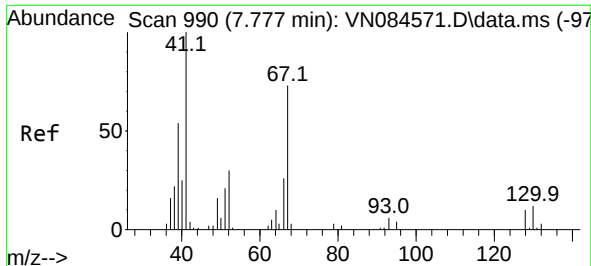
Tgt Ion: 78 Resp: 6541

Ion Ratio Lower Upper

78 100

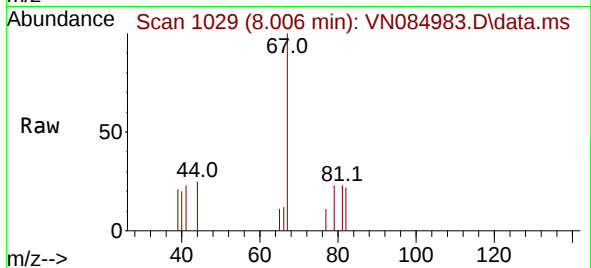
77 39.4 19.1 28.7#



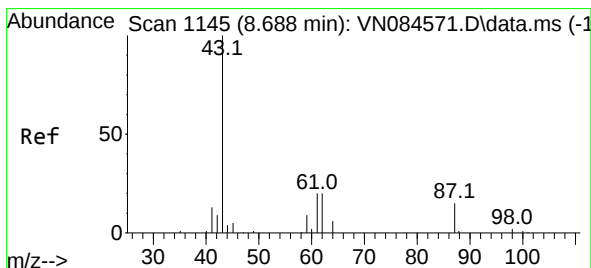
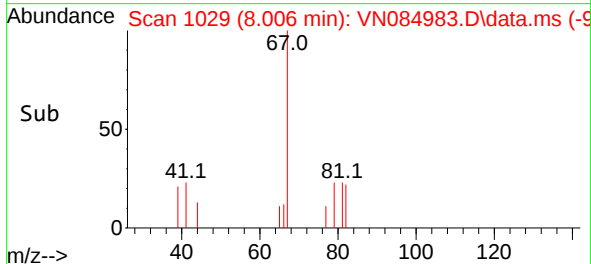
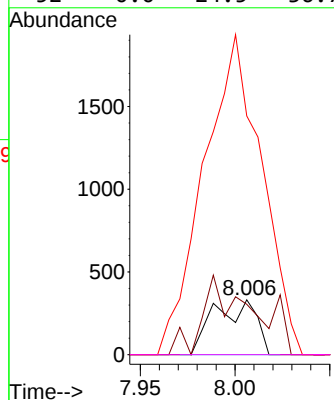


#41
Methacrylonitrile
Concen: 0.407 ug/l
RT: 8.006 min Scan# 1151
Delta R.T. 0.229 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :

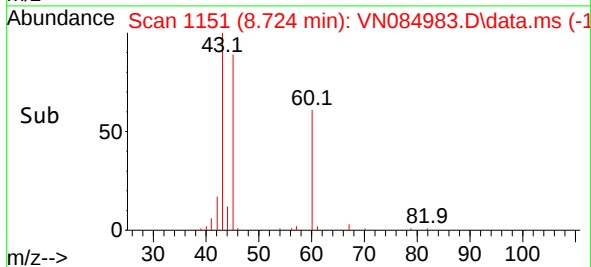
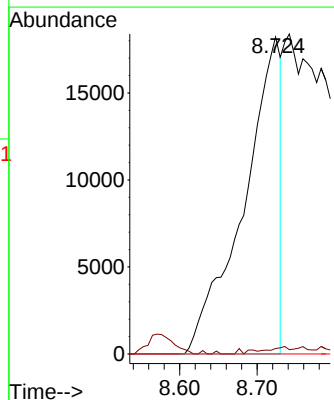
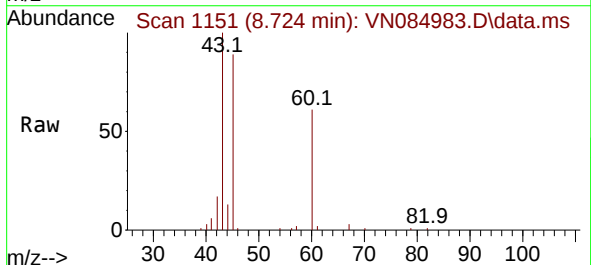


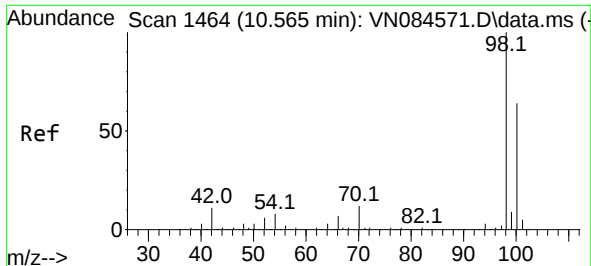
Tgt Ion: 41	Resp: 516
Ion Ratio	Lower Upper
41 100	
39 171.1	43.3 64.9#
67 797.5	56.1 84.1#
52 0.0	24.5 36.7#



#43
Isopropyl Acetate
Concen: 13.164 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.036 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 43	Resp: 60491
Ion Ratio	Lower Upper
43 100	
61 1.0	20.4 30.6#
87 0.0	10.3 15.5#

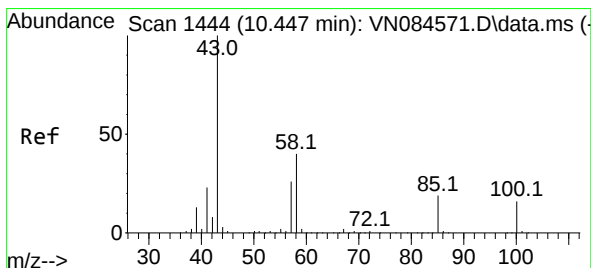
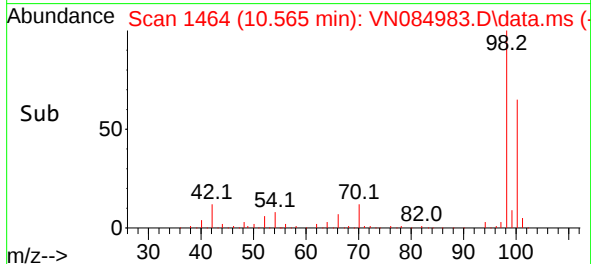
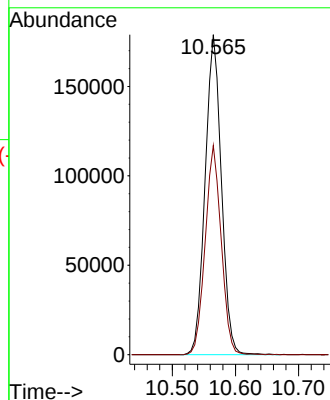
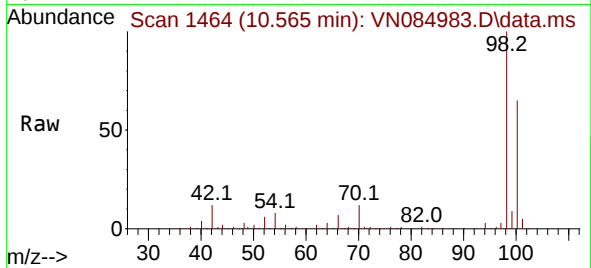




#50
Toluene-d8
Concen: 46.306 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

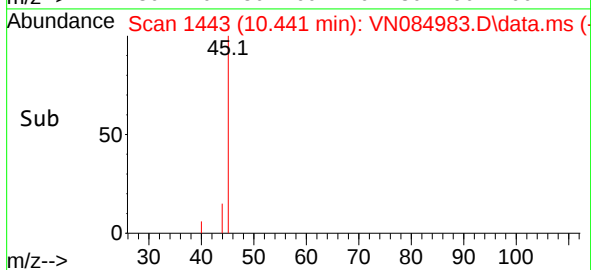
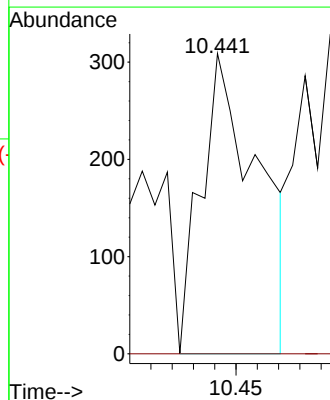
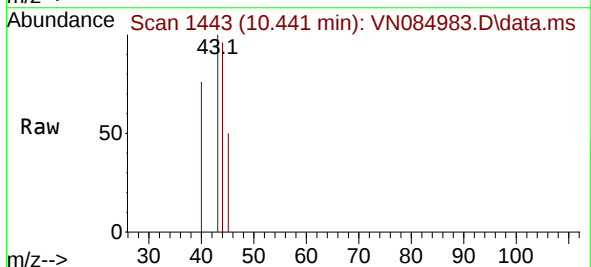
Instrument :
MSVOA_N
ClientSampleId :

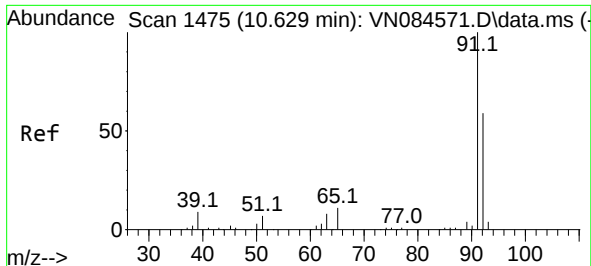
Tgt Ion: 98 Resp: 319903
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 43 Resp: 572
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#

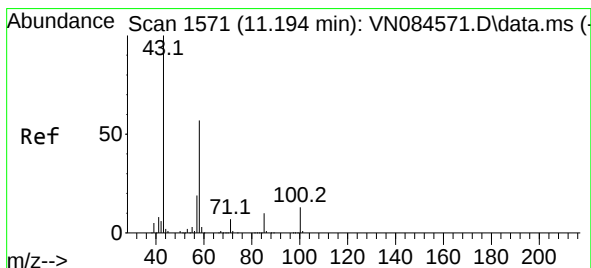
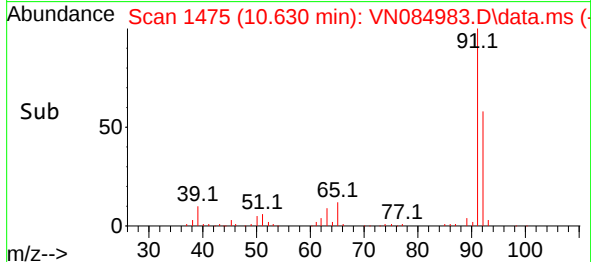
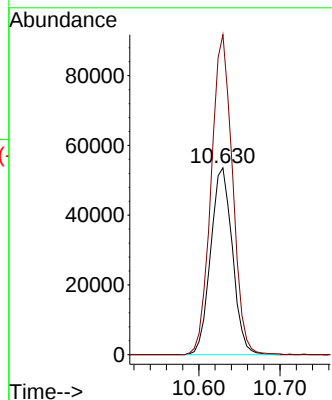
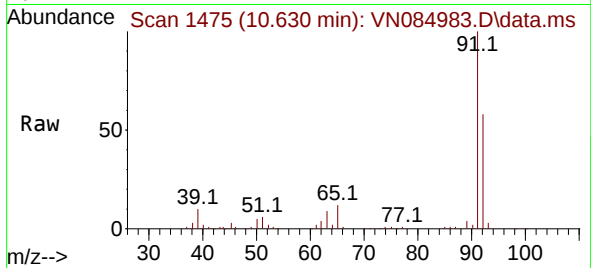




#52
Toluene
Concen: 20.389 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

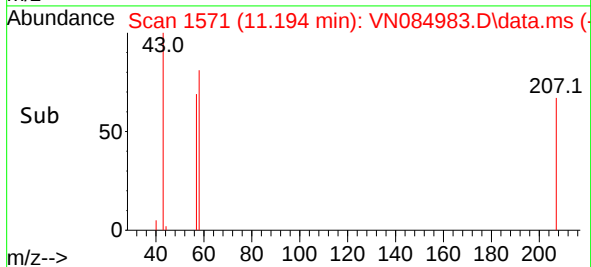
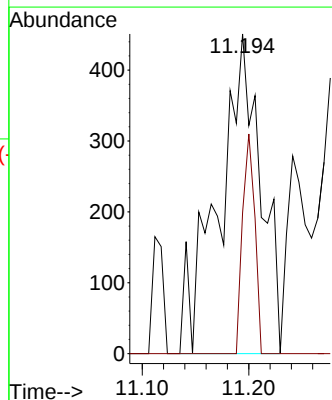
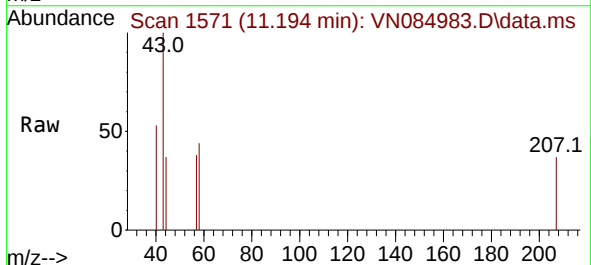
Instrument :
MSVOA_N
ClientSampleId :

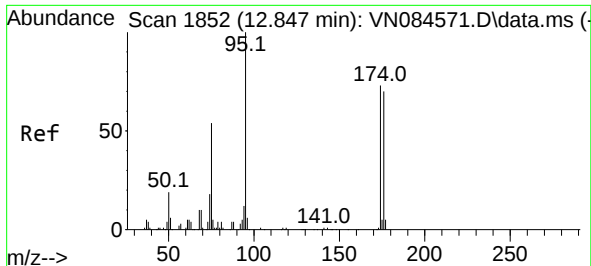
Tgt Ion: 92 Resp: 99603
Ion Ratio Lower Upper
92 100
91 168.5 137.3 205.9



#59
2-Hexanone
Concen: 0.757 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 19.9 27.3 81.8#

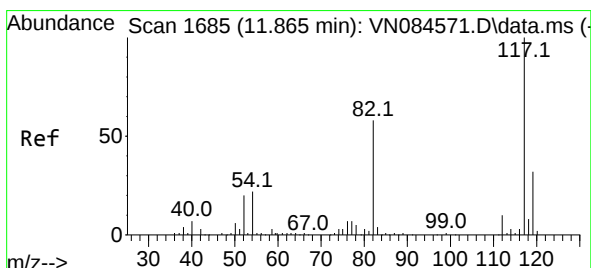
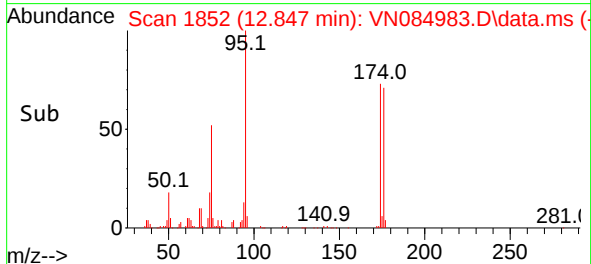
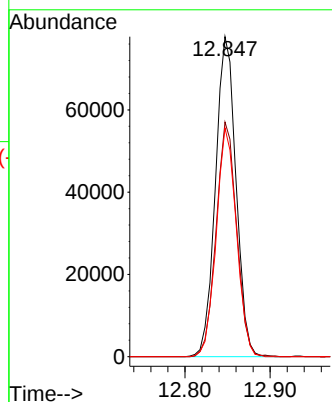
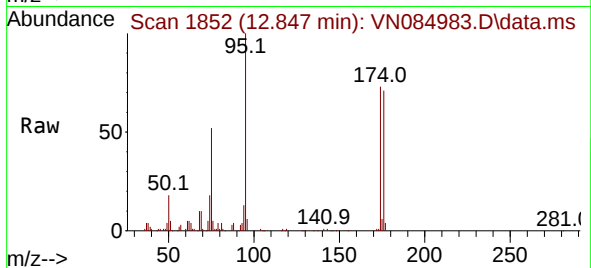




#62
4-Bromofluorobenzene
Concen: 50.486 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

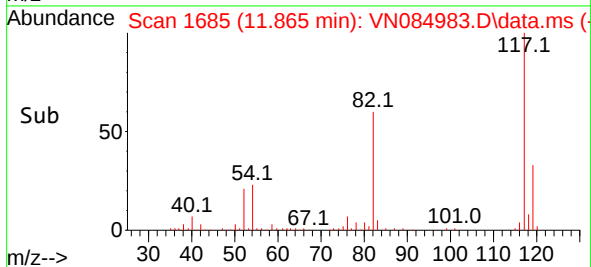
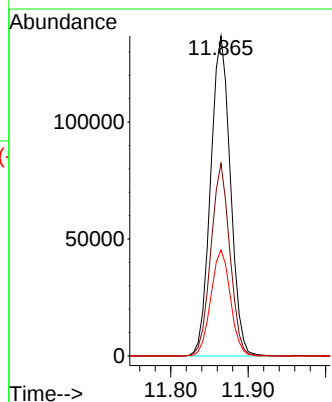
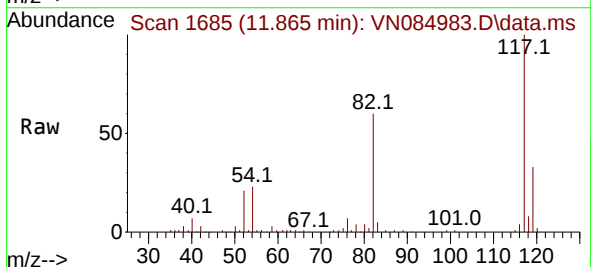
Instrument :
MSVOA_N
ClientSampleId :

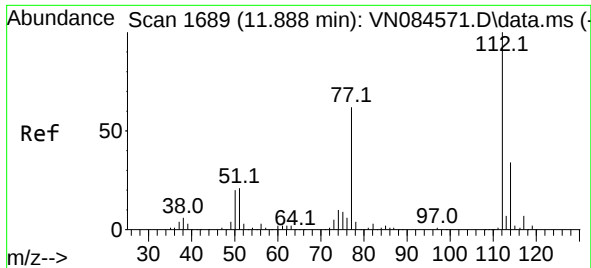
Tgt Ion: 95 Resp: 130351
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.2
176 70.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 117 Resp: 242199
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 33.1 25.4 38.0

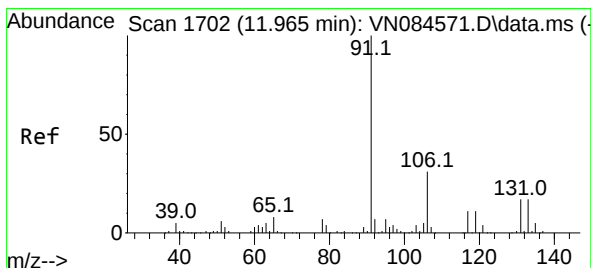
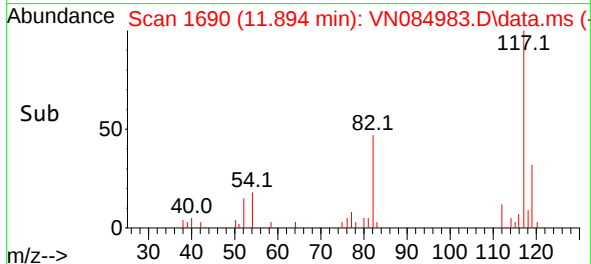
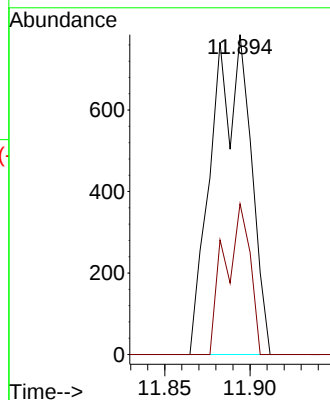
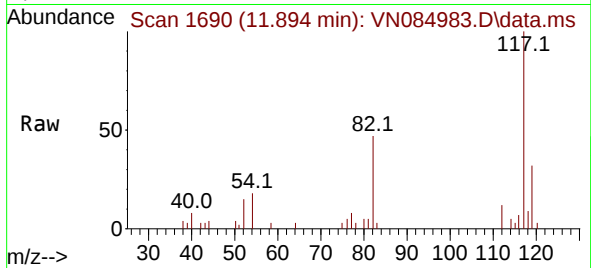




#65
Chlorobenzene
Concen: 0.226 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

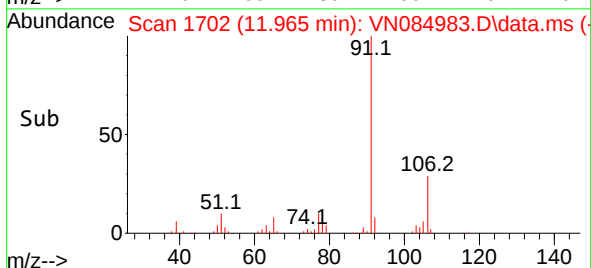
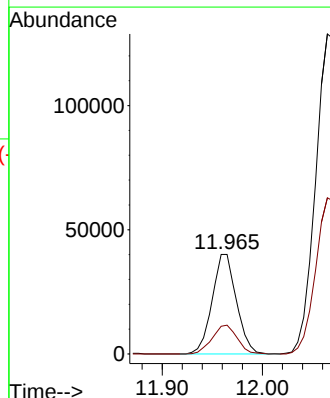
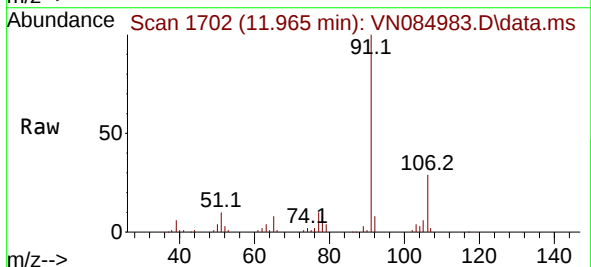
Instrument :
MSVOA_N
ClientSampleId :

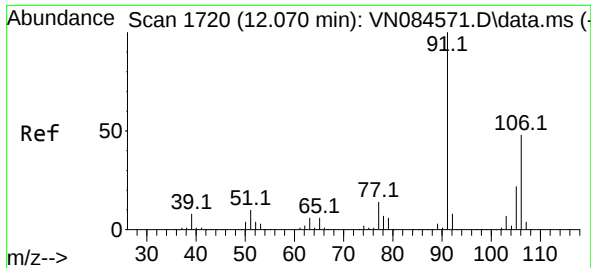
Tgt Ion:112 Resp: 1226
Ion Ratio Lower Upper
112 100
114 47.1 27.0 40.6#



#67
Ethyl Benzene
Concen: 7.457 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 91 Resp: 67442
Ion Ratio Lower Upper
91 100
106 28.9 24.5 36.7

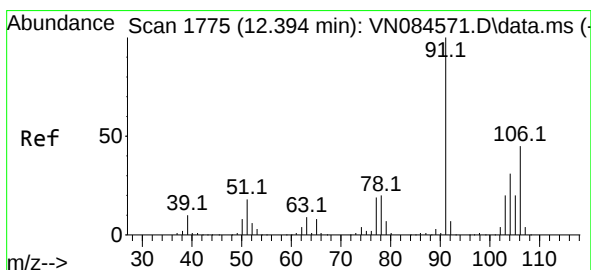
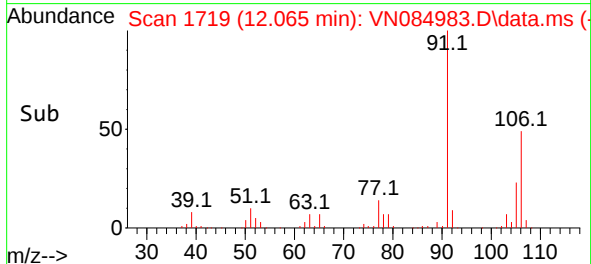
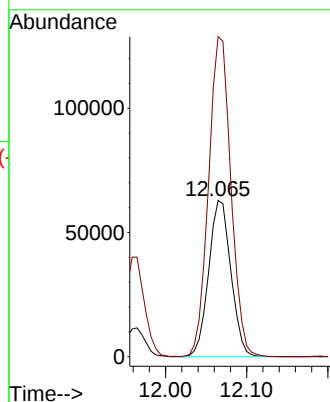
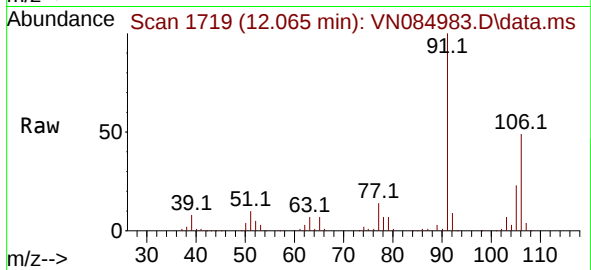




#68
m/p-Xylenes
Concen: 34.939 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

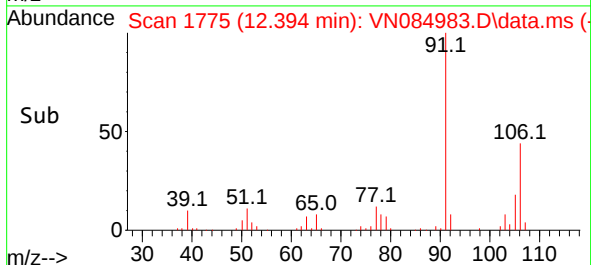
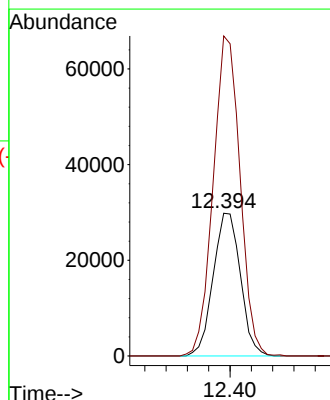
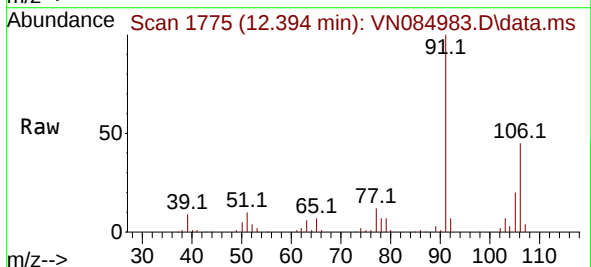
Instrument :
MSVOA_N
ClientSampleId :

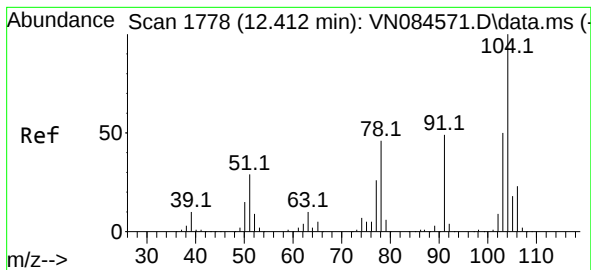
Tgt Ion:106 Resp: 119638
Ion Ratio Lower Upper
106 100
91 205.9 167.1 250.7



#69
o-Xylene
Concen: 16.506 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:106 Resp: 52872
Ion Ratio Lower Upper
106 100
91 221.1 110.2 330.6





#70

Styrene

Concen: 0.915 ug/l

RT: 12.400 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN084983.D

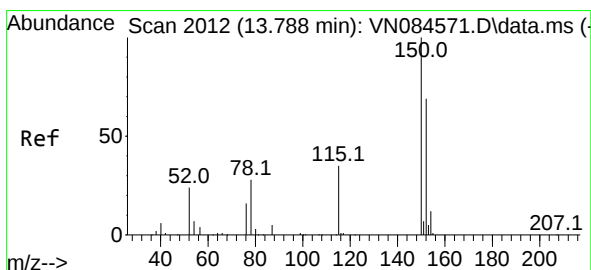
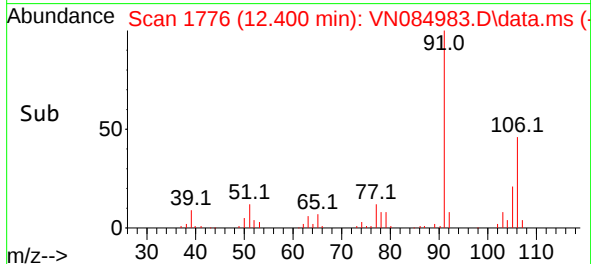
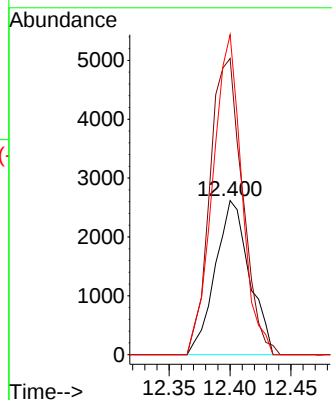
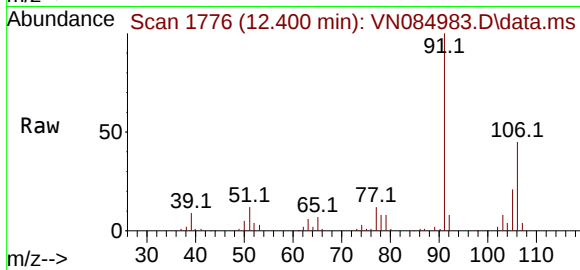
Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	5111
Ion Ratio	Lower	Upper
104	100	
78	183.8	42.7 64.1#
103	176.5	43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

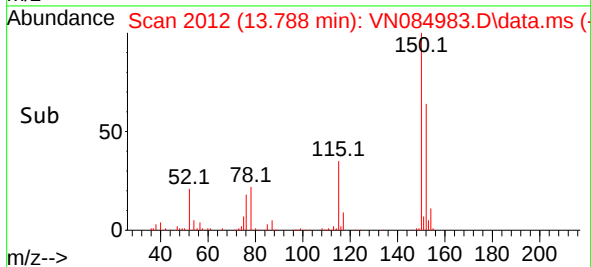
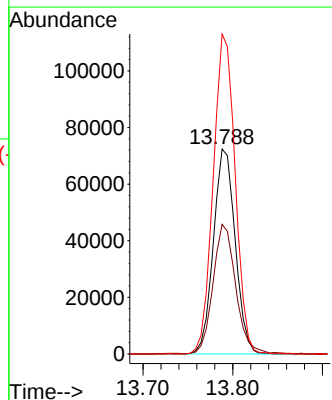
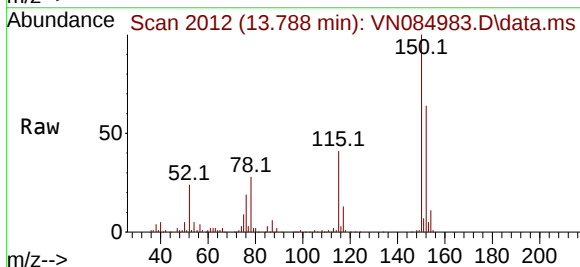
RT: 13.788 min Scan# 2012

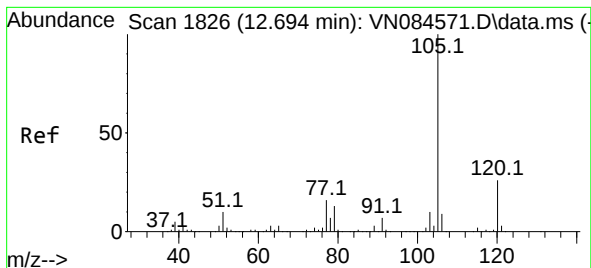
Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Tgt Ion:152	Resp:	122080
Ion Ratio	Lower	Upper
152	100	
115	66.2	31.3 93.9
150	157.1	0.0 349.8





#73

Isopropylbenzene

Concen: 2.502 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

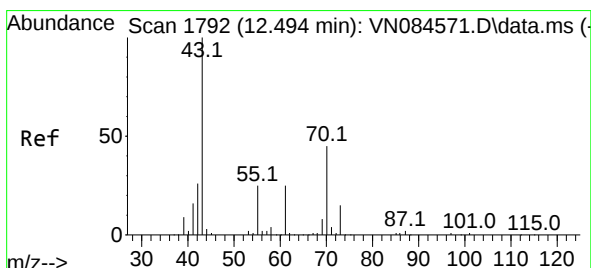
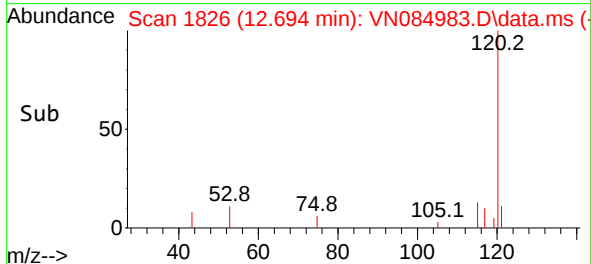
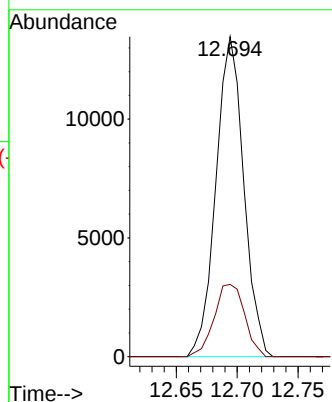
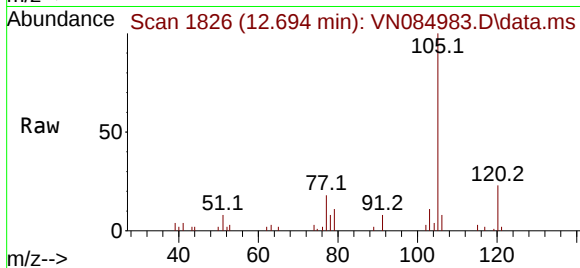
ClientSampleId :

Tgt Ion:105 Resp: 21409

Ion Ratio Lower Upper

105 100

120 24.8 12.9 38.7



#74

N-ethyl acetate

Concen: 0.230 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Tgt Ion: 43 Resp: 839

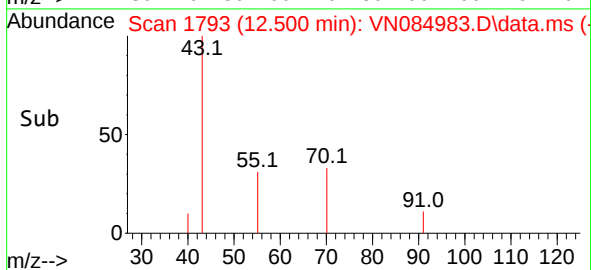
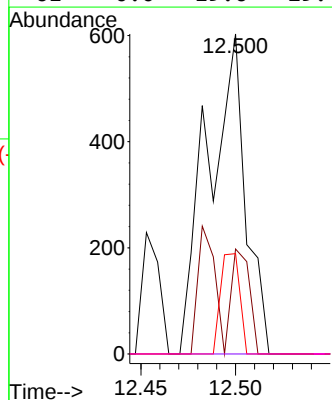
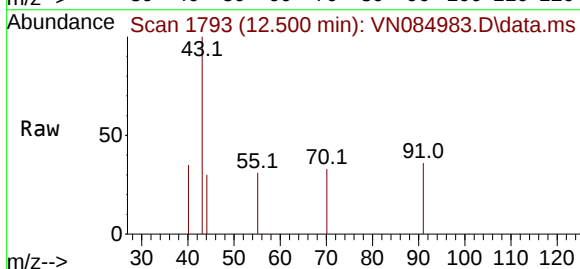
Ion Ratio Lower Upper

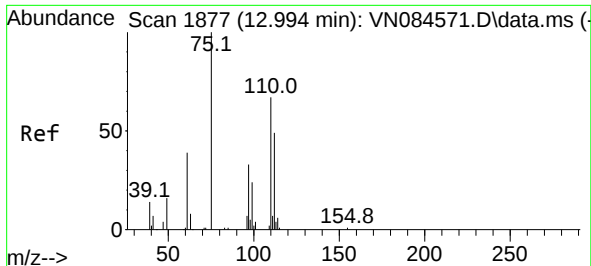
43 100

70 15.6 34.4 51.6#

55 15.9 19.6 29.4#

61 0.0 19.6 29.4#

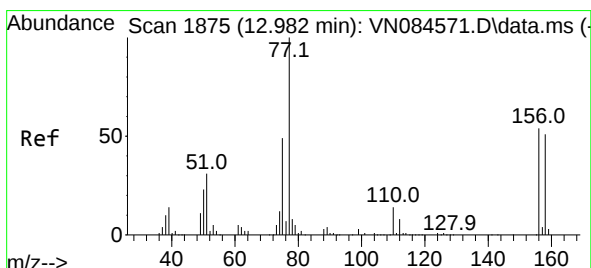
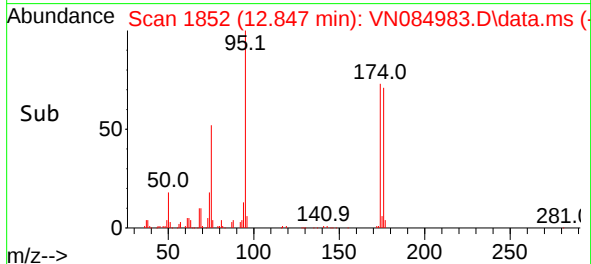
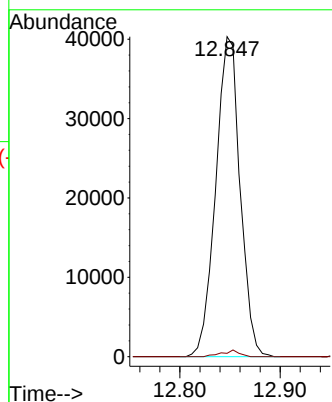
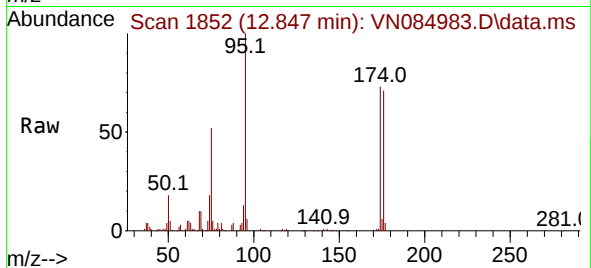




#76
1,2,3-Trichloropropane
Concen: 27.870 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

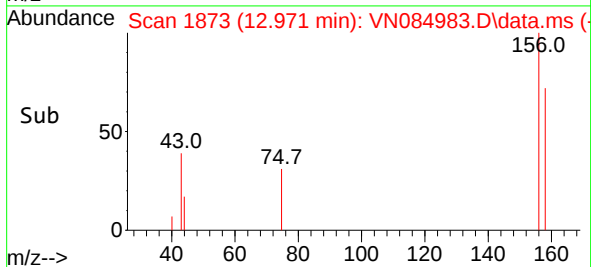
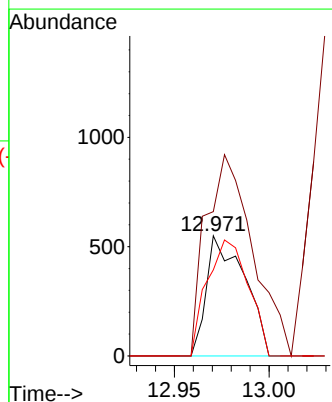
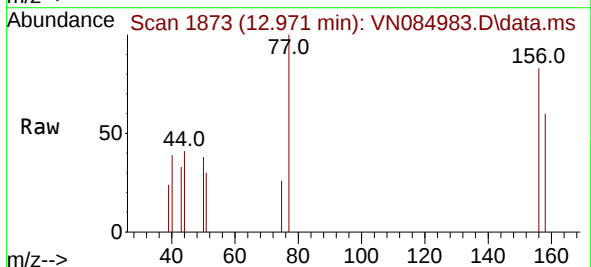
Instrument :
MSVOA_N
ClientSampleId :

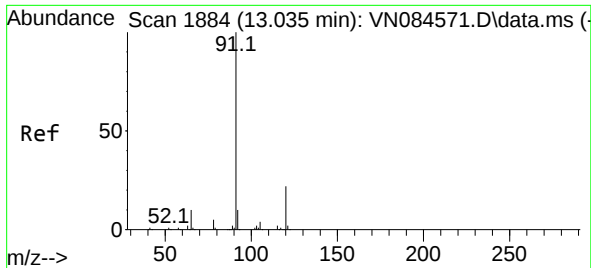
Tgt Ion: 75 Resp: 68012
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#



#77
Bromobenzene
Concen: 0.333 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.012 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 156 Resp: 767
Ion Ratio Lower Upper
156 100
77 205.6 115.1 345.3
158 104.8 48.9 146.8

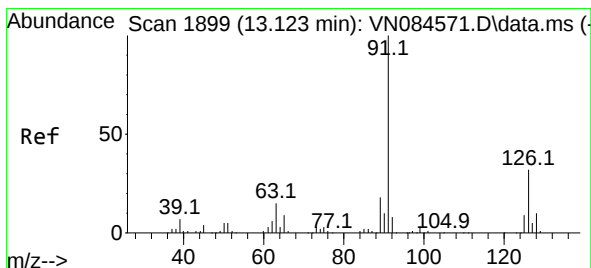
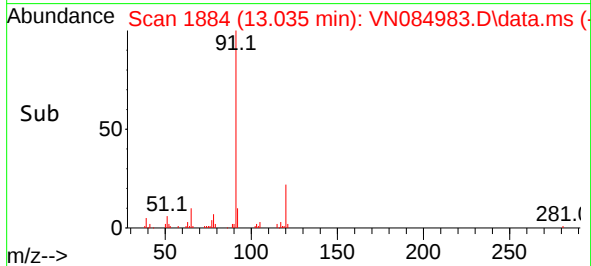
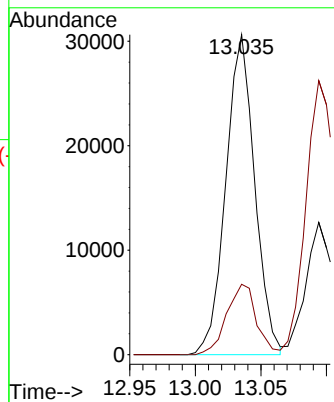
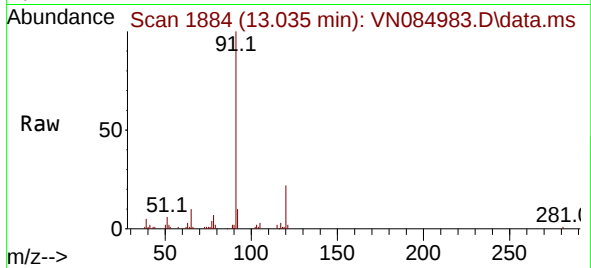




#78
n-propylbenzene
Concen: 4.681 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

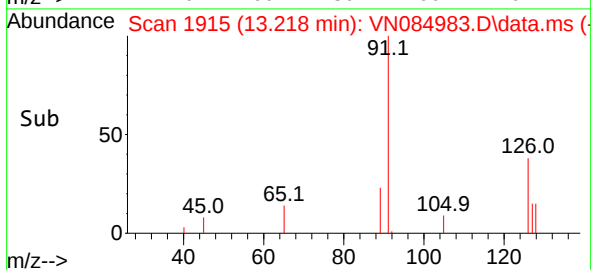
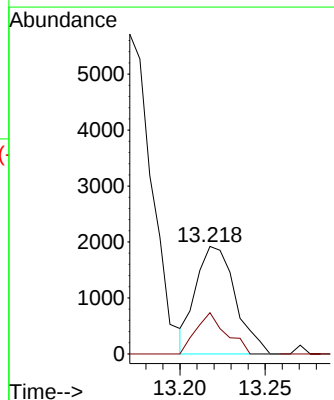
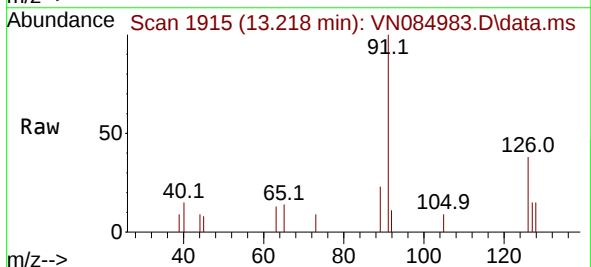
Instrument :
MSVOA_N
ClientSampleId :

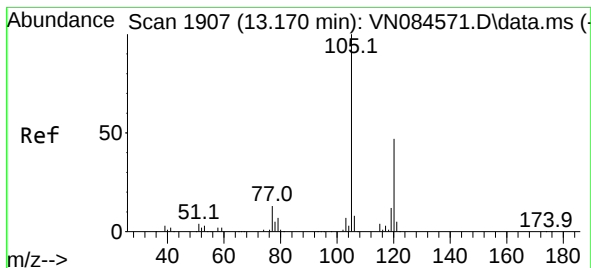
Tgt Ion: 91 Resp: 46927
Ion Ratio Lower Upper
91 100
120 22.7 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.473 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 91 Resp: 3098
Ion Ratio Lower Upper
91 100
126 29.2 15.7 47.1





#80

1,3,5-Trimethylbenzene

Concen: 11.441 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

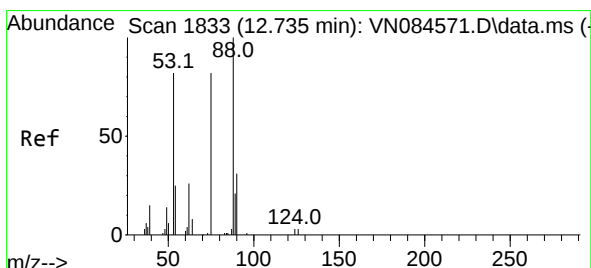
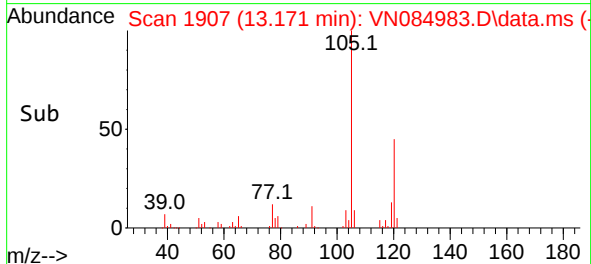
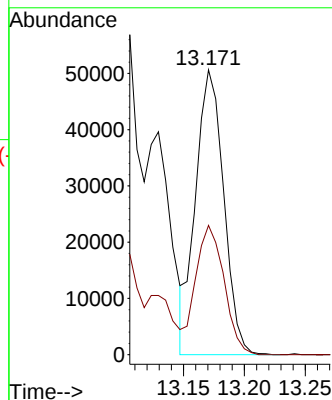
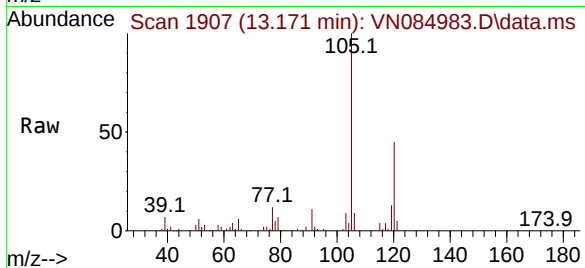
ClientSampleId :

Tgt Ion:105 Resp: 81125

Ion Ratio Lower Upper

105 100

120 46.2 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 66.119 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

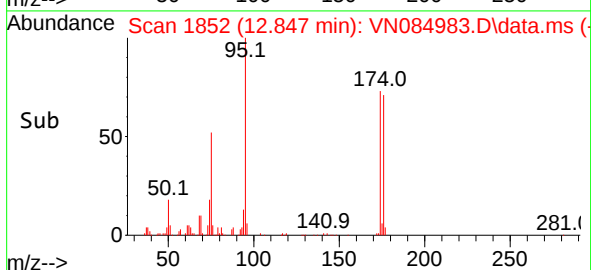
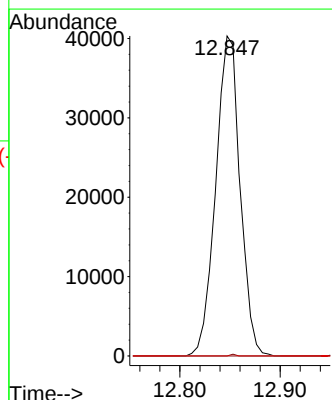
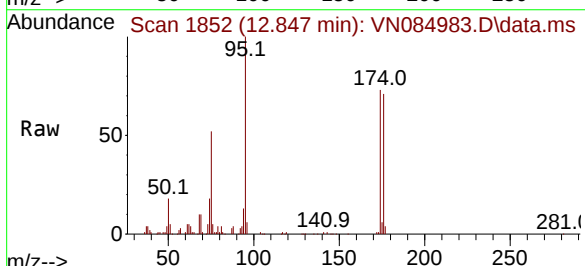
Tgt Ion: 75 Resp: 68012

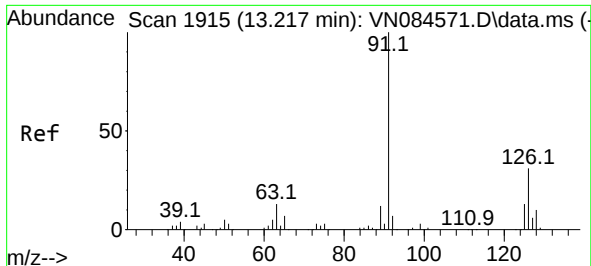
Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

89 0.0 35.5 53.3#

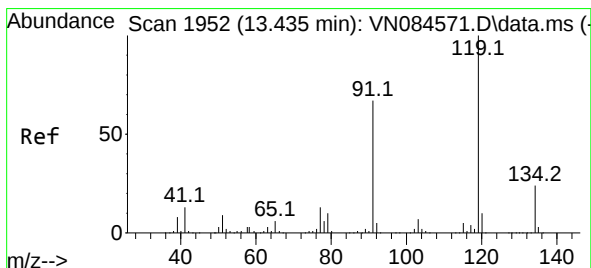
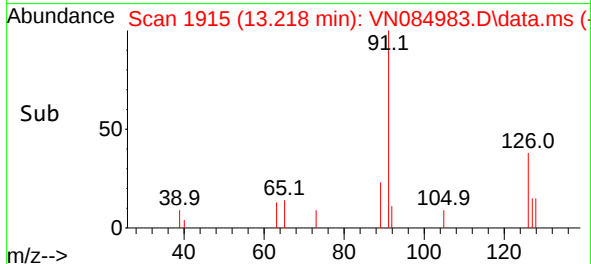
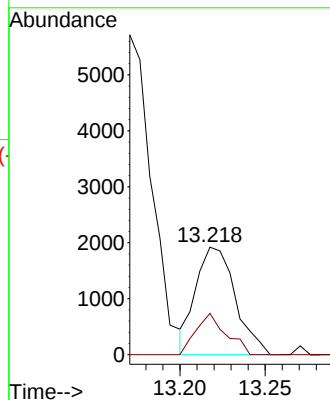
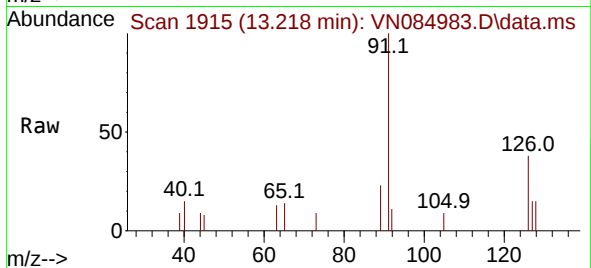




#82
4-Chlorotoluene
Concen: 0.449 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

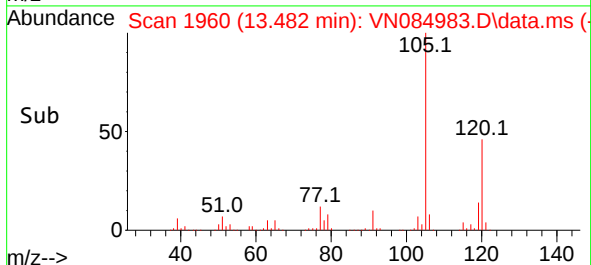
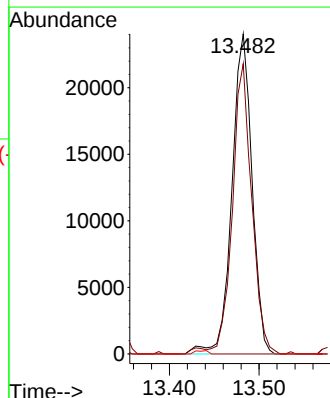
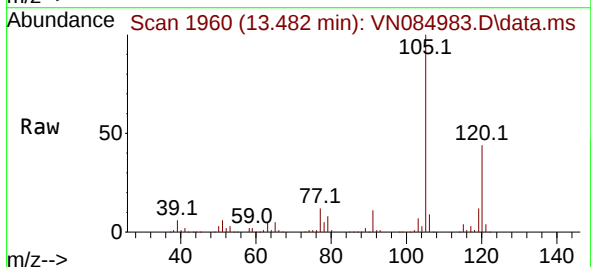
Instrument :
MSVOA_N
ClientSampleId :

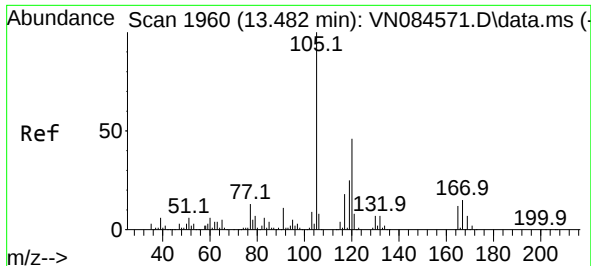
Tgt Ion: 91 Resp: 3098
Ion Ratio Lower Upper
91 100
126 29.2 15.7 47.1



#83
tert-Butylbenzene
Concen: 6.379 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 119 Resp: 37433
Ion Ratio Lower Upper
119 100
91 86.8 34.1 102.3
134 0.0 12.8 38.4#

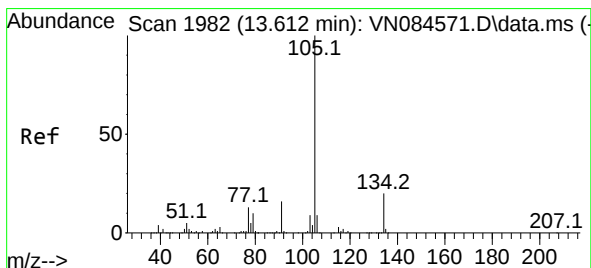
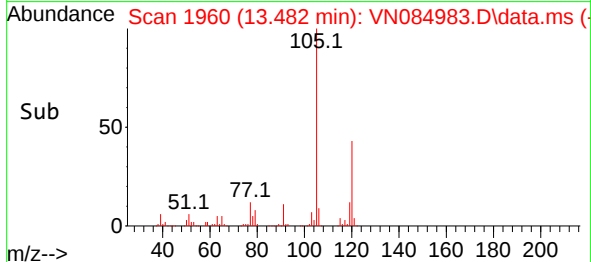
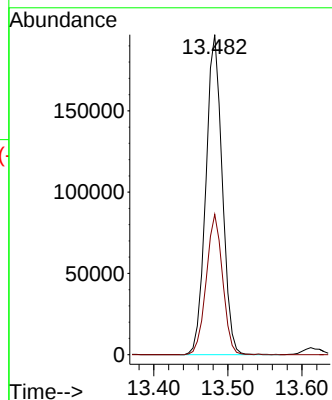
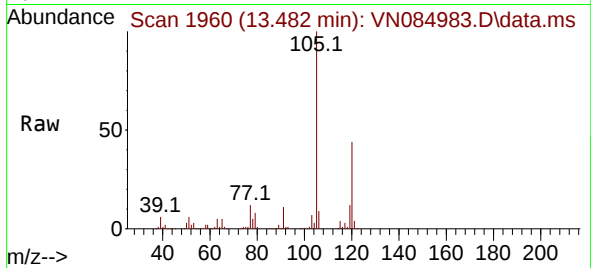




#84
1,2,4-Trimethylbenzene
Concen: 41.200 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

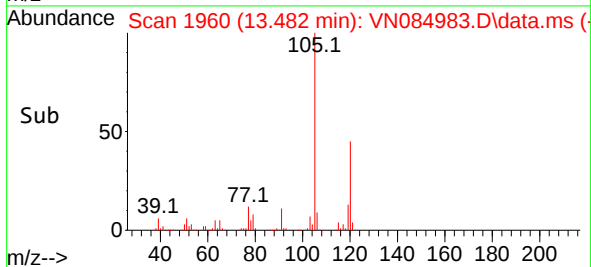
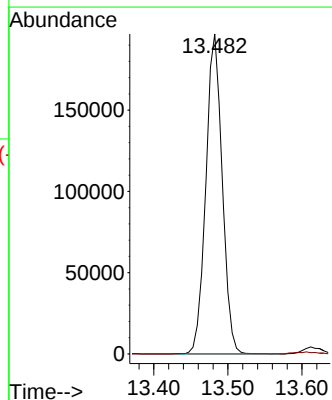
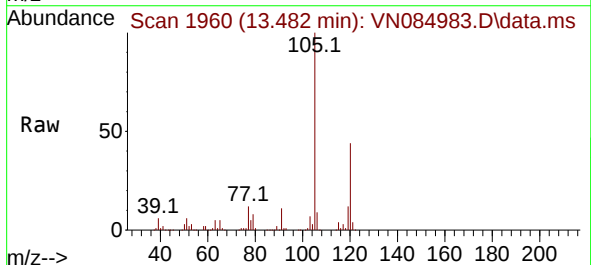
Instrument :
MSVOA_N
ClientSampleId :

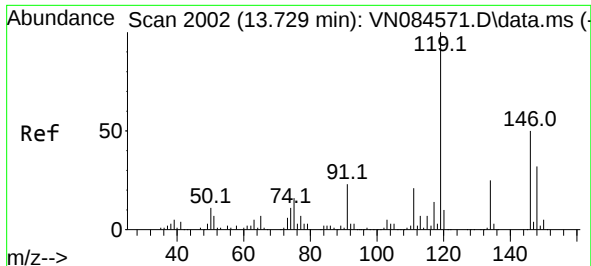
Tgt Ion:105 Resp: 301506
Ion Ratio Lower Upper
105 100
120 43.8 22.3 66.8



#85
sec-Butylbenzene
Concen: 36.373 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:105 Resp: 301506
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

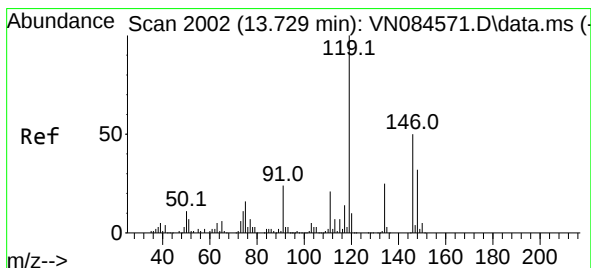
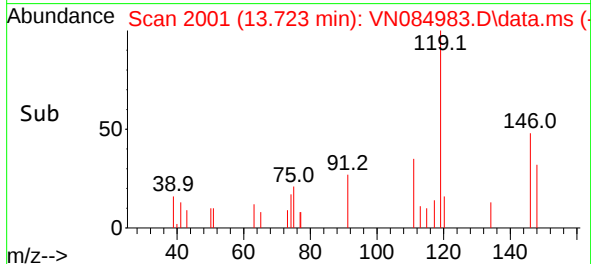
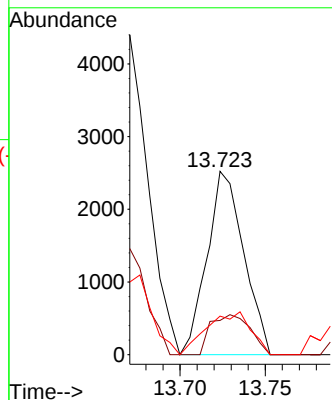
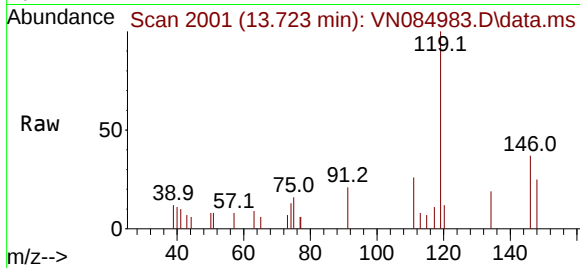




#86
p-Isopropyltoluene
Concen: 0.556 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

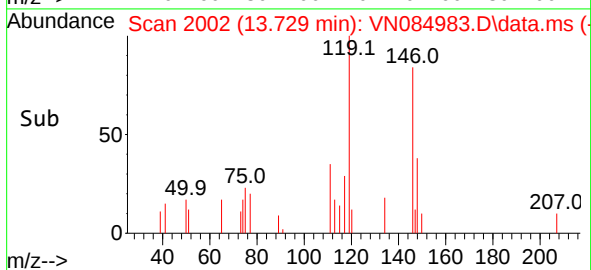
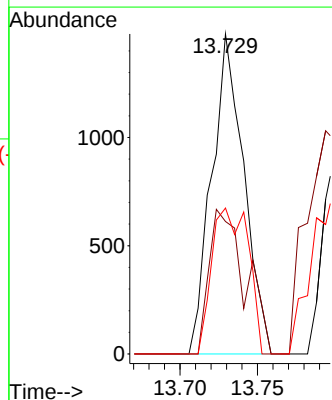
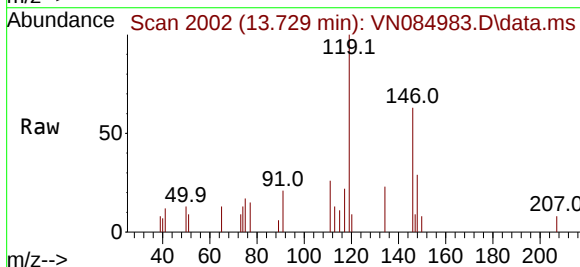
Instrument :
MSVOA_N
ClientSampleId :

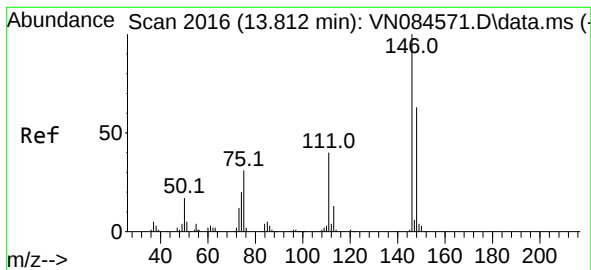
Tgt Ion:119 Resp: 3783
Ion Ratio Lower Upper
119 100
134 23.4 12.6 37.8
91 28.0 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 0.475 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:146 Resp: 2133
Ion Ratio Lower Upper
146 100
111 50.8 21.8 65.3
148 51.9 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.729 min Scan# 2016

Delta R.T. -0.083 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

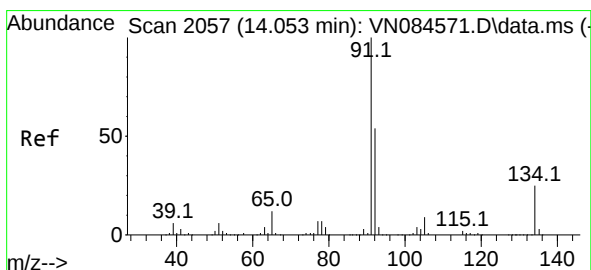
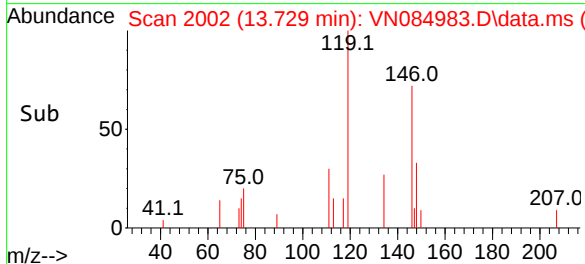
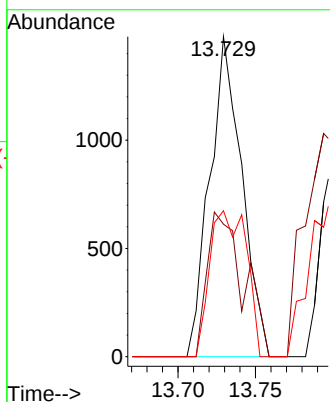
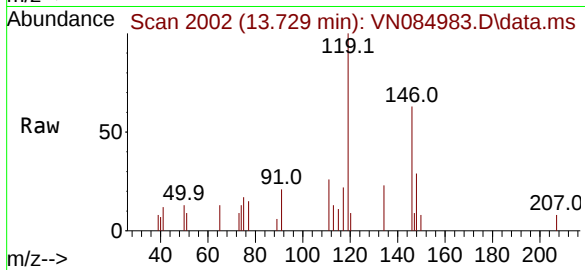
Tgt Ion:146 Resp: 2133

Ion Ratio Lower Upper

146 100

111 50.8 21.2 63.6

148 51.9 31.9 95.9



#89

n-Butylbenzene

Concen: 1.934 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

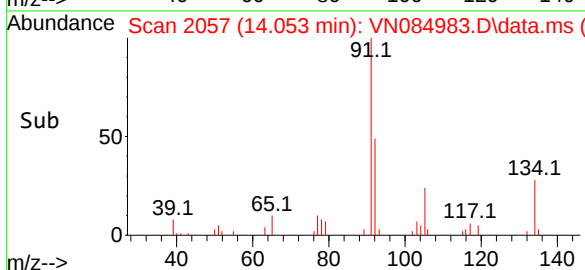
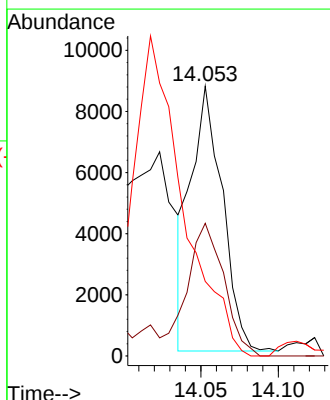
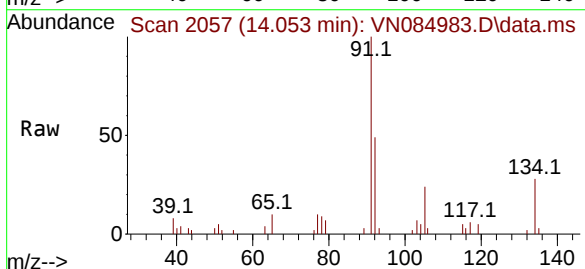
Tgt Ion: 91 Resp: 12297

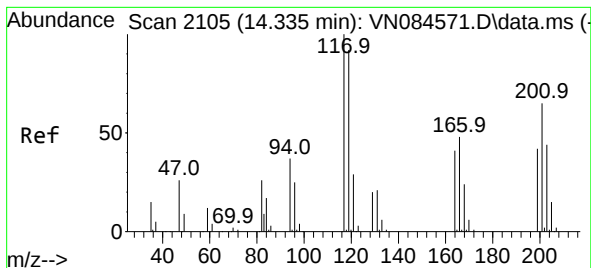
Ion Ratio Lower Upper

91 100

92 58.7 26.6 79.7

134 0.0 12.3 36.9#





#90

Hexachloroethane

Concen: 3.799 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

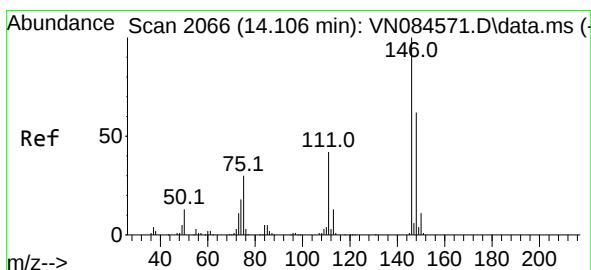
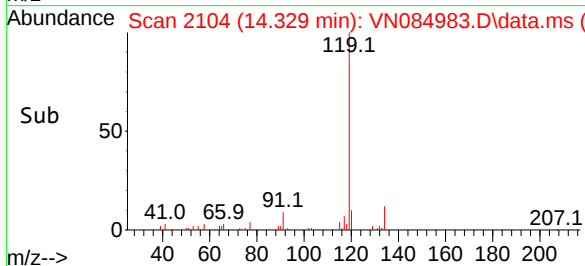
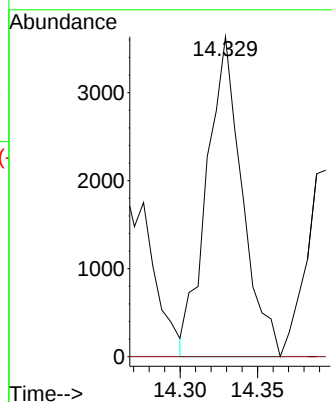
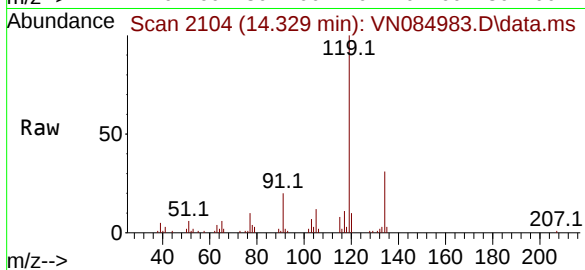
ClientSampleId :

Tgt Ion:117 Resp: 5759

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.2#



#91

1,2-Dichlorobenzene

Concen: 0.458 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

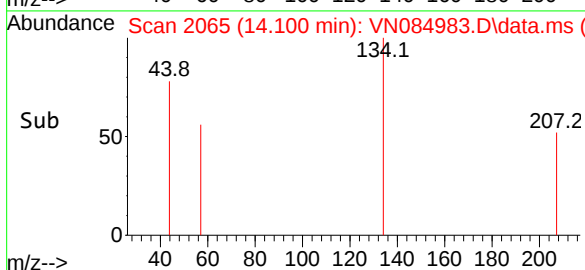
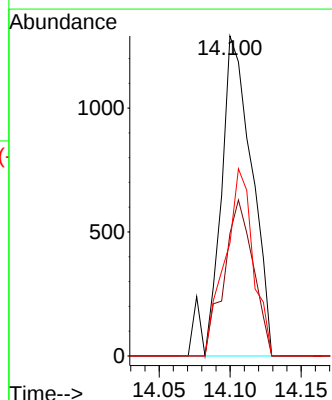
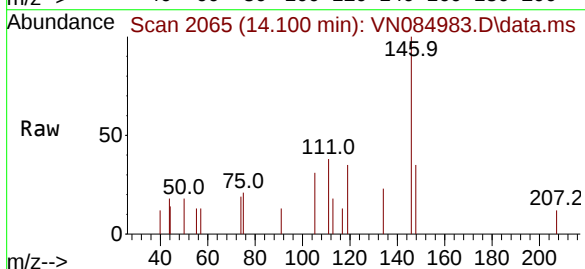
Tgt Ion:146 Resp: 1977

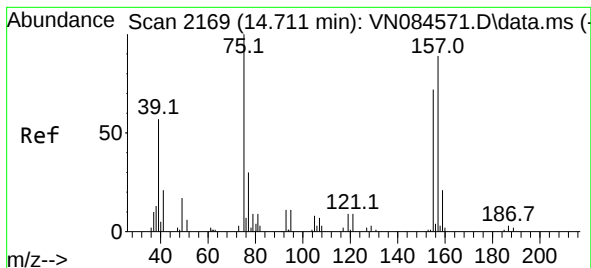
Ion Ratio Lower Upper

146 100

111 45.4 22.0 66.0

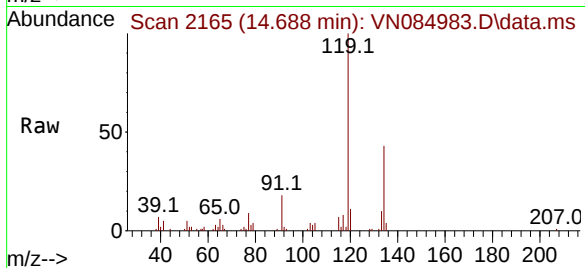
148 52.3 32.1 96.3



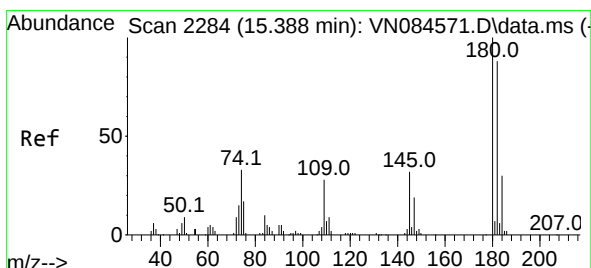
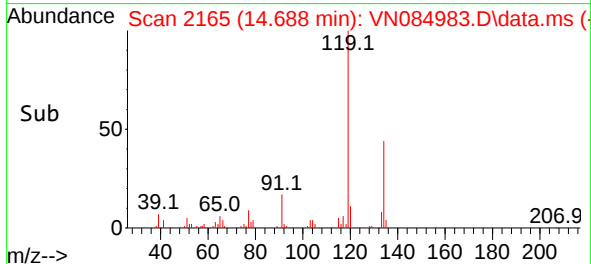
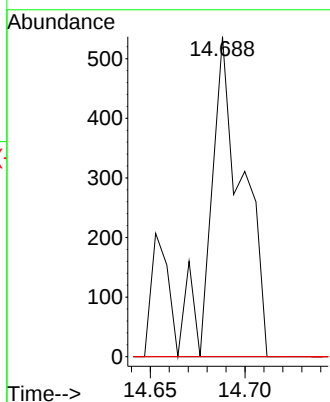


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.105 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.029 min
 Lab File: VN084983.D
 Acq: 20 Nov 2024 20:58

Instrument :
 MSVOA_N
 ClientSampleId :

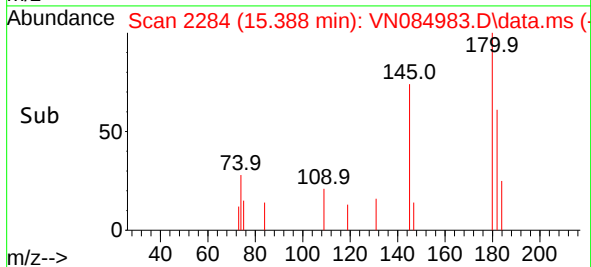
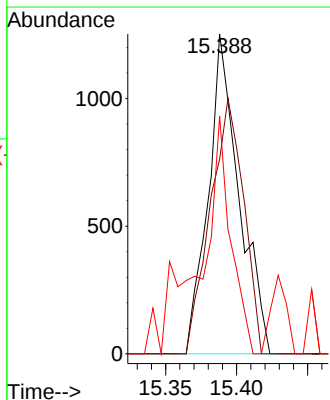
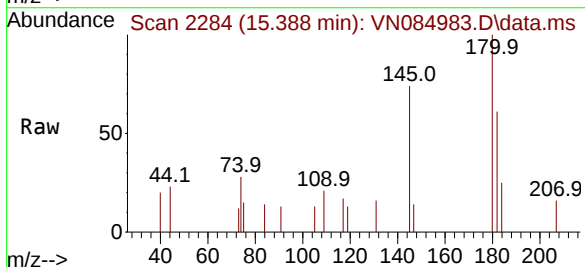


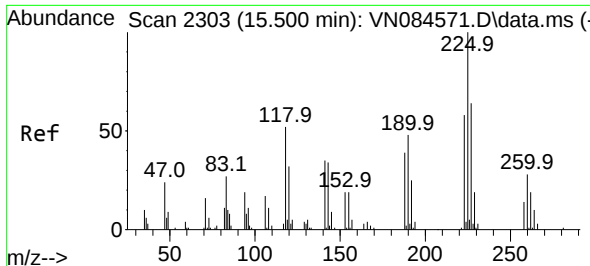
Tgt Ion: 75 Resp: 639
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.1 114.5#
 157 0.0 49.6 149.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.801 ug/l
 RT: 15.388 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: VN084983.D
 Acq: 20 Nov 2024 20:58

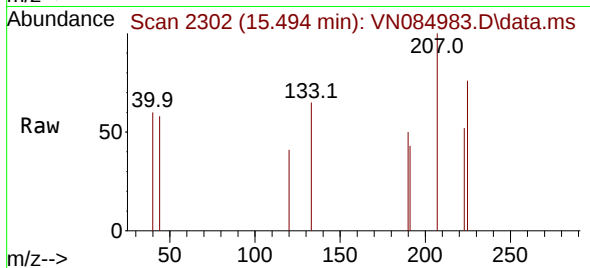
Tgt Ion: 180 Resp: 1891
 Ion Ratio Lower Upper
 180 100
 182 86.6 47.0 141.0
 145 55.4 16.4 49.4#



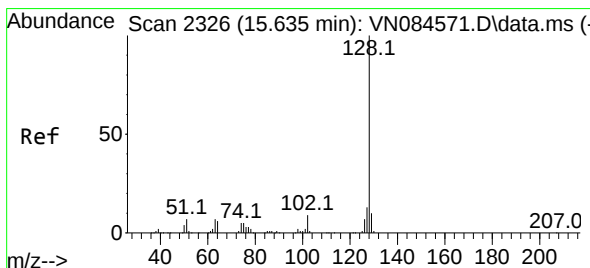
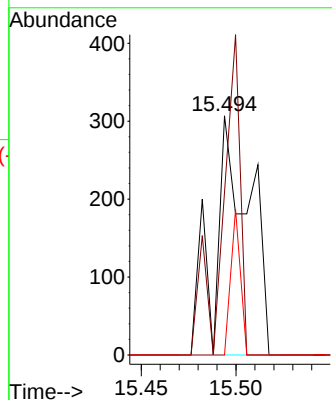
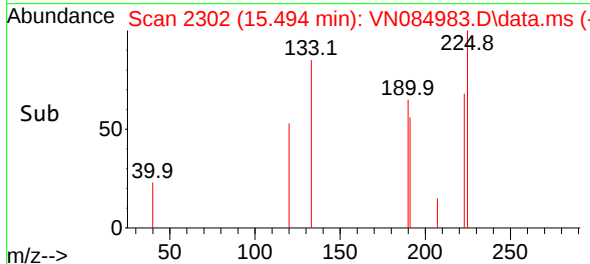


#94
Hexachlorobutadiene
Concen: 0.379 ug/l
RT: 15.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :

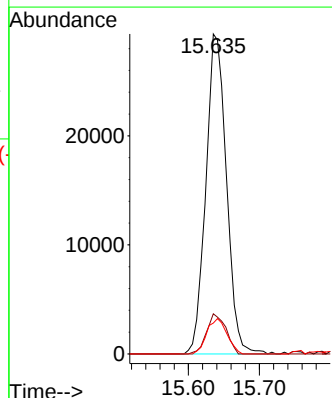
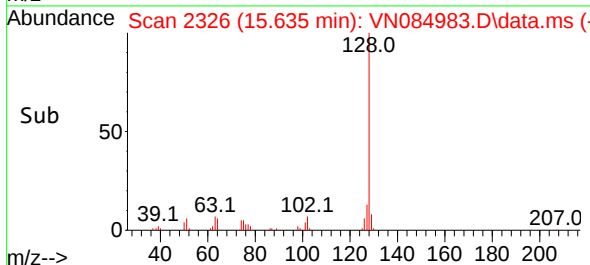
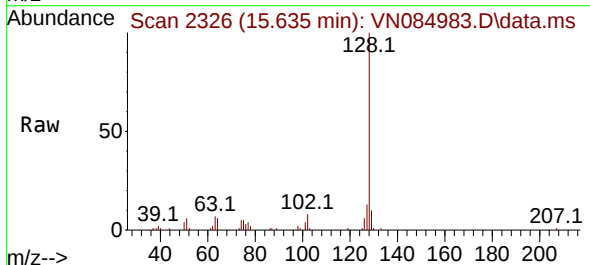


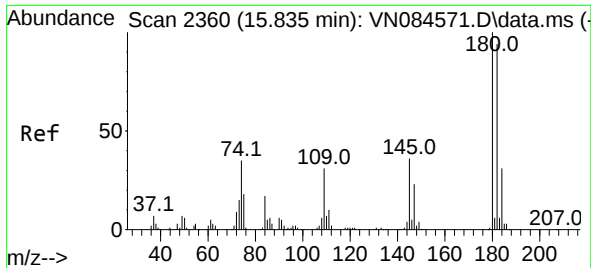
Tgt Ion:225 Resp: 393
Ion Ratio Lower Upper
225 100
223 69.5 32.4 97.2
227 16.8 32.4 97.0#



#95
Naphthalene
Concen: 8.371 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

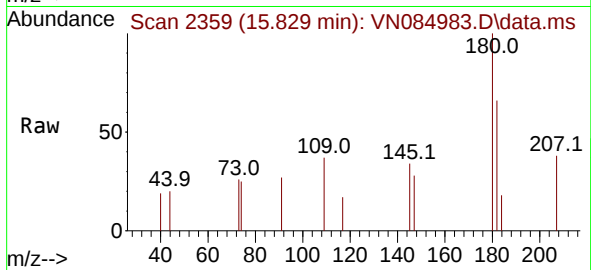
Tgt Ion:128 Resp: 59150
Ion Ratio Lower Upper
128 100
127 11.8 10.5 15.7
129 10.8 8.7 13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.831 ug/l
RT: 15.829 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	48.2	144.6
145	47.9	17.3	51.9

