

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084580.D
 Acq On : 30 Oct 2024 20:48
 Operator : JC\MD
 Sample : VN1030MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

Quant Time: Nov 01 04:54:20 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	161813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119388	51.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.160%	
35) Dibromofluoromethane	8.159	113	96319	49.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	10.565	98	331250	46.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.300%	
62) 4-Bromofluorobenzene	12.847	95	120449	45.388	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.780%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	2153	Below Cal	99	
5) Bromomethane	2.901	94	417	0.393 ug/l #	67	
6) Chloroethane	3.142	64	430	Below Cal #	45	
10) Methyl Iodide	4.565	142	596	0.239 ug/l #	40	
11) Tert butyl alcohol	5.524	59	1156	3.747 ug/l #	73	
13) Acrolein	4.171	56	62	0.202 ug/l #	14	
15) Acrylonitrile	5.718	53	416	0.466 ug/l #	82	
16) Acetone	4.436	43	717	Below Cal	93	
17) Carbon Disulfide	4.700	76	3404	0.600 ug/l #	75	
18) Methyl Acetate	5.036	43	3657	Below Cal #	89	
31) Cyclohexane	8.218	56	3697	1.146 ug/l #	1	
36) 1,1-Dichloropropene	8.218	75	13519	5.057 ug/l #	50	
38) Carbon Tetrachloride	8.224	117	17720	5.930 ug/l #	17	
43) Isopropyl Acetate	8.671	43	627	Below Cal #	56	
51) 4-Methyl-2-Pentanone	10.441	43	478	0.207 ug/l #	36	
53) t-1,3-Dichloropropene	10.835	75	1039	0.335 ug/l	89	
58) 2-Chloroethyl Vinyl ether	10.153	63	580	0.453 ug/l #	48	
59) 2-Hexanone	11.194	43	1209	0.718 ug/l	79	
65) Chlorobenzene	11.888	112	2005	0.367 ug/l #	85	
67) Ethyl Benzene	11.965	91	1846	0.202 ug/l	100	
68) m/p-Xylenes	12.065	106	1424	0.412 ug/l	95	
70) Styrene	12.418	104	1977	0.350 ug/l #	84	
74) N-amyl acetate	12.494	43	661	0.216 ug/l #	49	
76) 1,2,3-Trichloropropane	12.847	75	62201	30.283 ug/l #	1	
77) Bromobenzene	12.982	156	1362	0.704 ug/l	75	
78) n-propylbenzene	13.035	91	3288	0.390 ug/l	98	
79) 2-Chlorotoluene	13.123	91	2109	0.383 ug/l	98	
80) 1,3,5-Trimethylbenzene	13.165	105	1263	0.212 ug/l	88	
81) trans-1,4-Dichloro-2-b...	12.847	75	62201	71.842 ug/l #	11	
82) 4-Chlorotoluene	13.218	91	3794	0.654 ug/l	93	
83) tert-Butylbenzene	13.435	119	1176	0.238 ug/l #	80	
84) 1,2,4-Trimethylbenzene	13.476	105	1593	0.259 ug/l	99	
85) sec-Butylbenzene	13.618	105	2183	0.313 ug/l #	75	
86) p-Isopropyltoluene	13.735	119	1905	0.333 ug/l	95	
87) 1,3-Dichlorobenzene	13.735	146	3018	0.799 ug/l	98	
89) n-Butylbenzene	14.053	91	3884	0.726 ug/l	98	

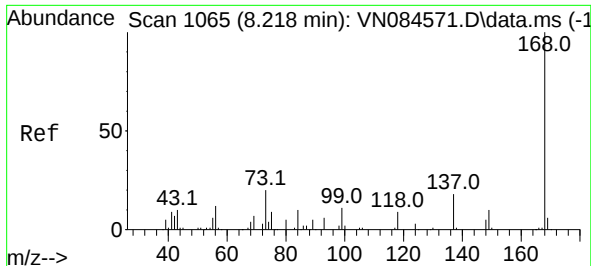
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
Data File : VN084580.D
Acq On : 30 Oct 2024 20:48
Operator : JC\MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.106	146	2255	0.621	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	2779	1.399	ug/l	97
94) Hexachlorobutadiene	15.488	225	1078	1.235	ug/l #	18
95) Naphthalene	15.635	128	6724	1.131	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	2976	1.543	ug/l	82

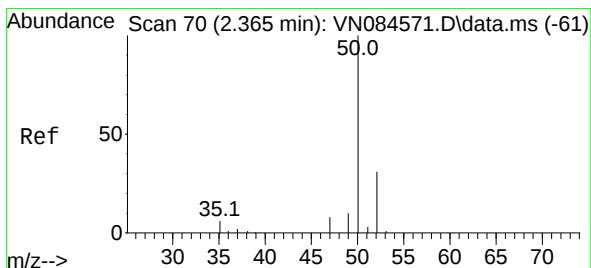
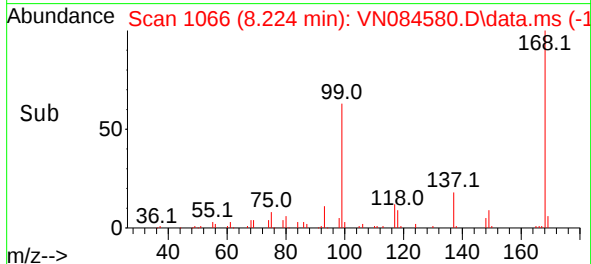
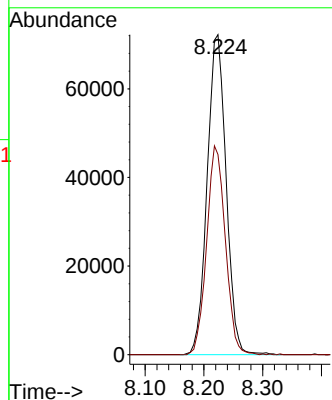
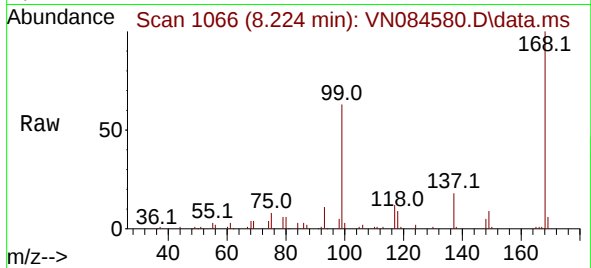
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

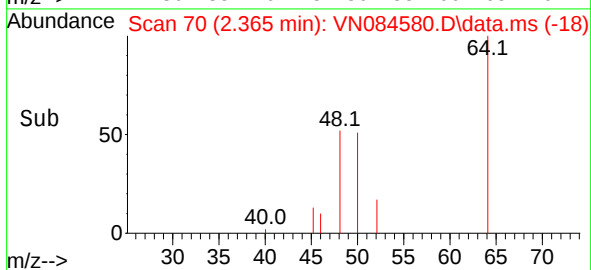
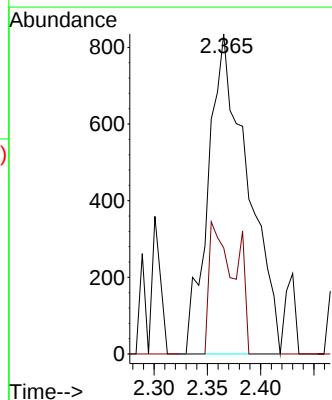
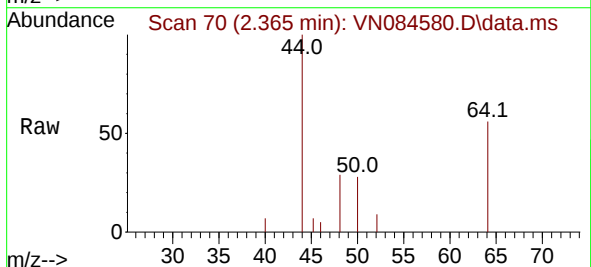
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

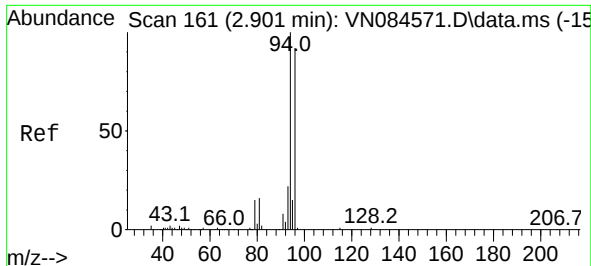
Tgt Ion:168 Resp: 161813
Ion Ratio Lower Upper
168 100
99 62.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 50 Resp: 2153
Ion Ratio Lower Upper
50 100
52 33.2 26.8 40.2

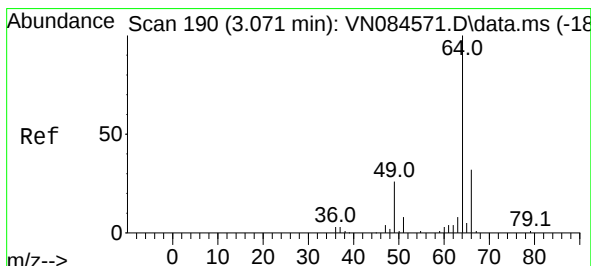
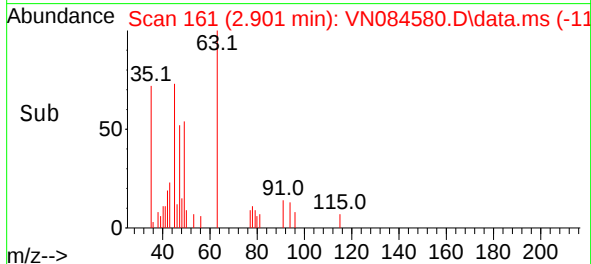
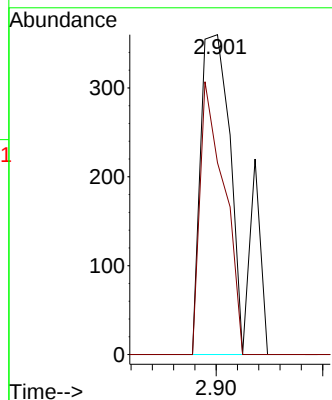
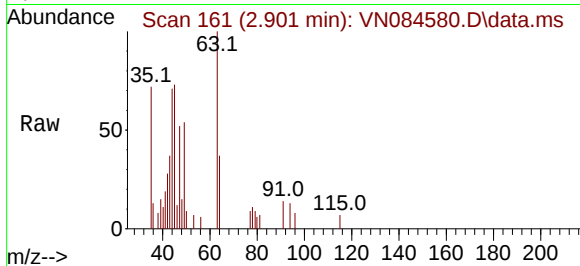




#5
Bromomethane
Concen: 0.393 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

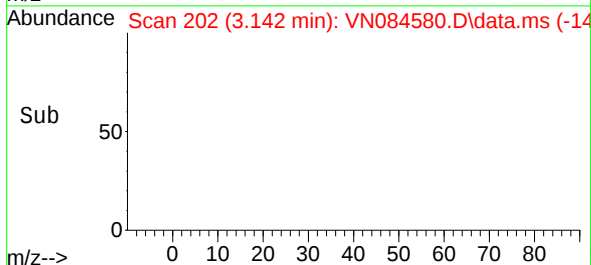
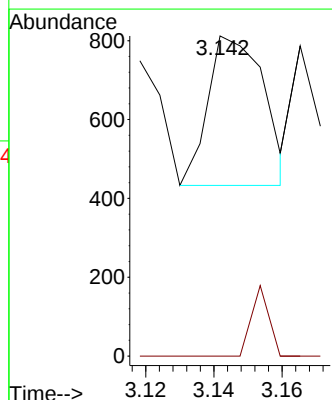
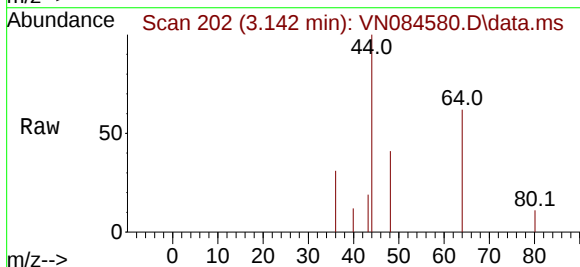
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

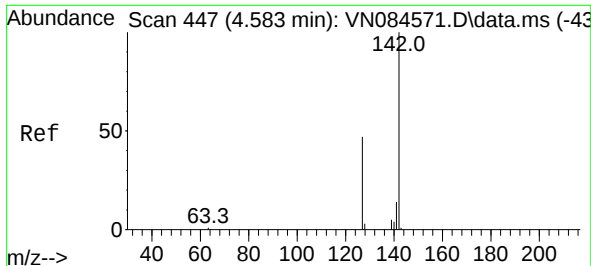
Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 60.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 64 Resp: 430
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#10

Methyl Iodide

Concen: 0.239 ug/l

RT: 4.565 min Scan# 444

Delta R.T. -0.029 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

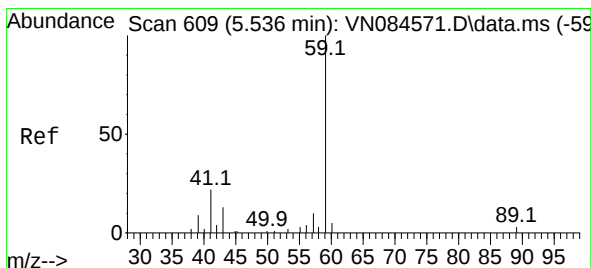
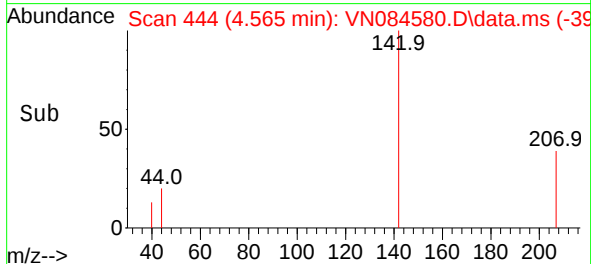
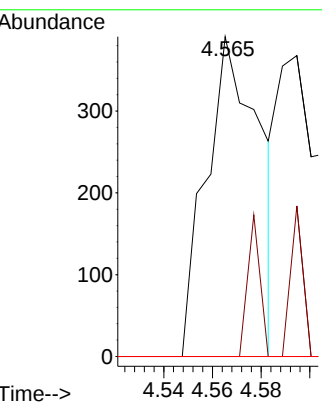
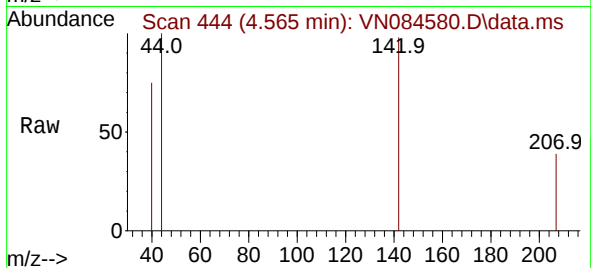
Tgt Ion:142 Resp: 596

Ion Ratio Lower Upper

142 100

127 0.0 35.3 52.9#

141 0.0 11.0 16.6#



#11

Tert butyl alcohol

Concen: 3.747 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084580.D

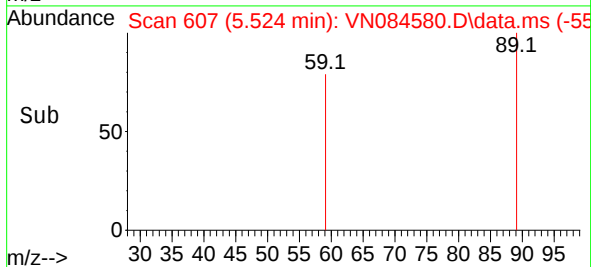
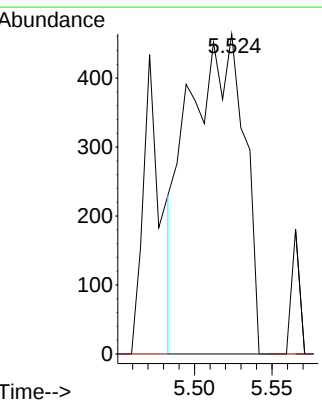
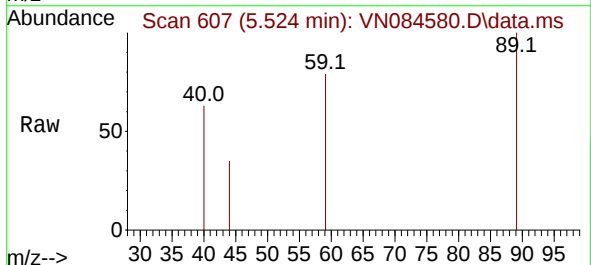
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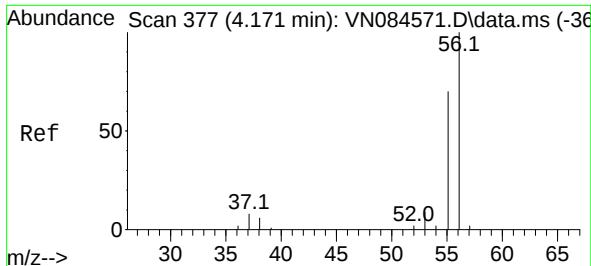
Tgt Ion: 59 Resp: 1156

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

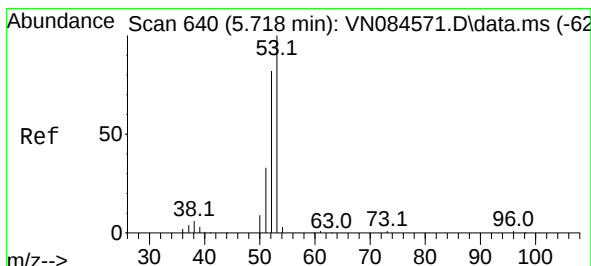
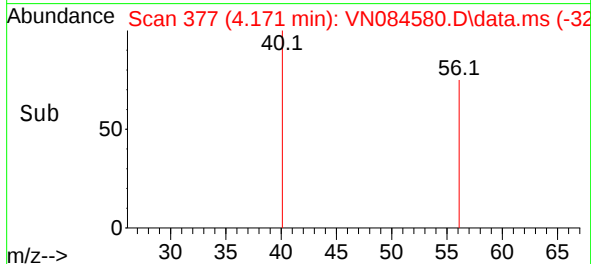
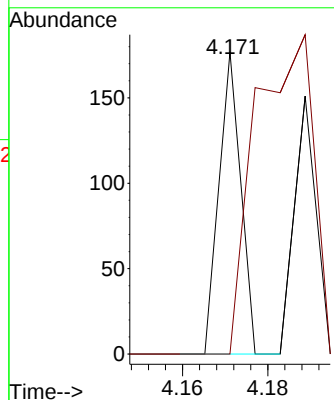
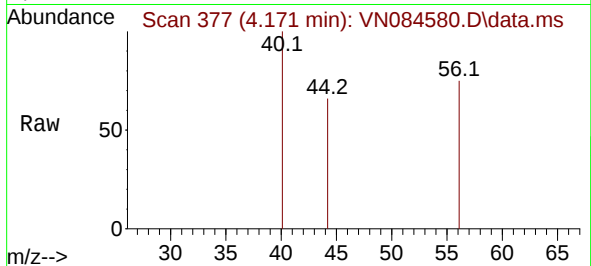




#13
Acrolein
Concen: 0.202 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

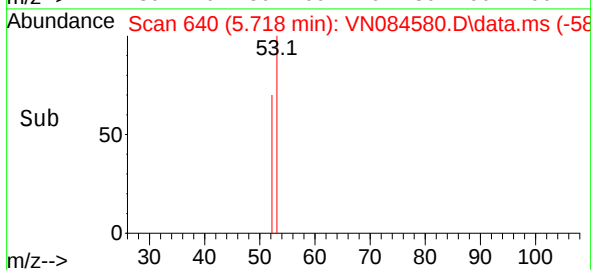
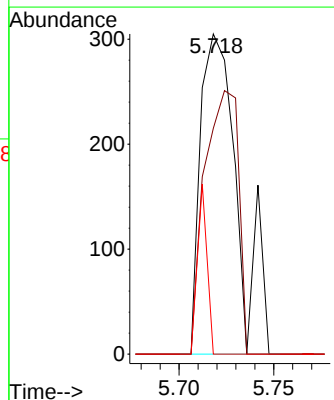
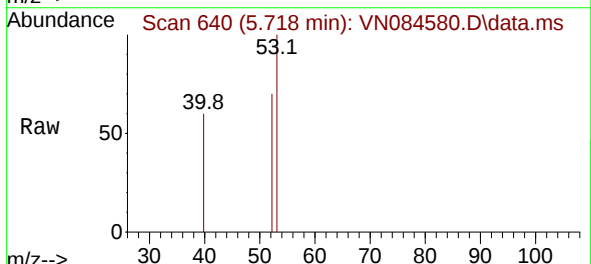
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

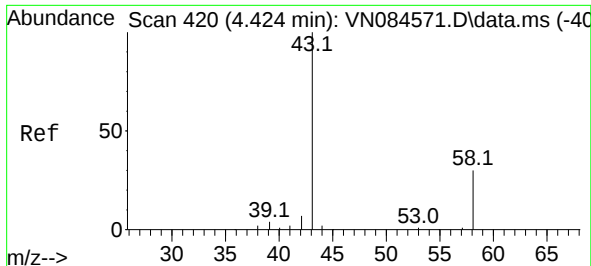
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



#15
Acrylonitrile
Concen: 0.466 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 53 Resp: 416
Ion Ratio Lower Upper
53 100
52 74.5 66.2 99.4
51 13.7 28.8 43.2#





#16

Acetone

Concen: Below Cal

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

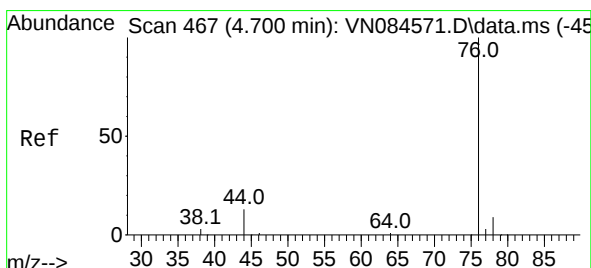
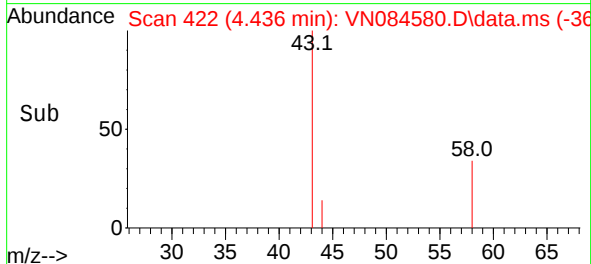
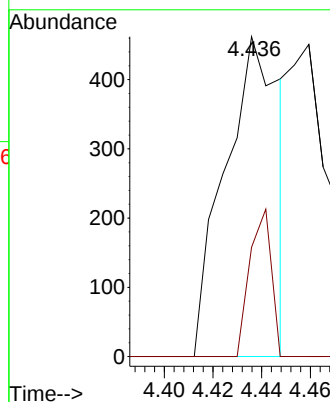
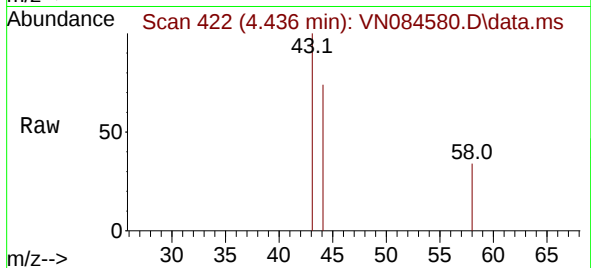
VN1030MBL01

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

43 100

58 34.2 24.4 36.6



#17

Carbon Disulfide

Concen: 0.600 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.011 min

Lab File: VN084580.D

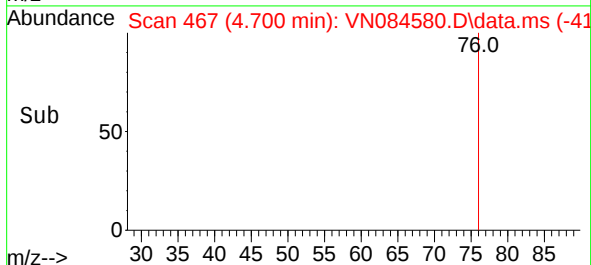
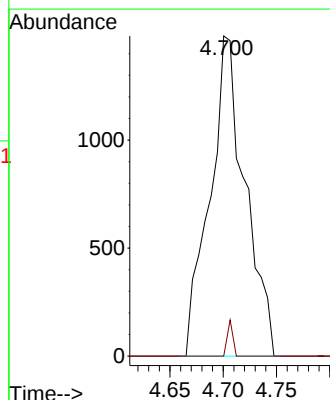
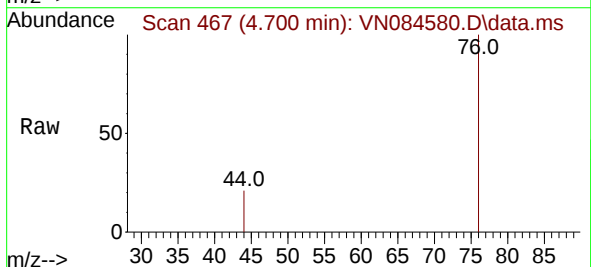
Acq: 30 Oct 2024 20:48

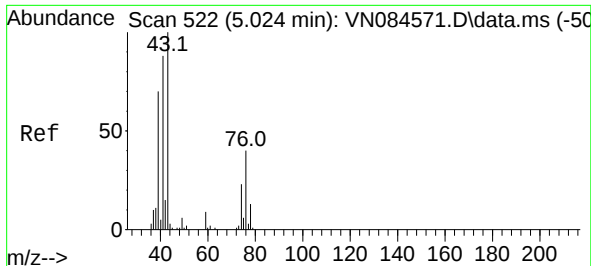
Tgt Ion: 76 Resp: 3404

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.036 min Scan# 51

Delta R.T. 0.018 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

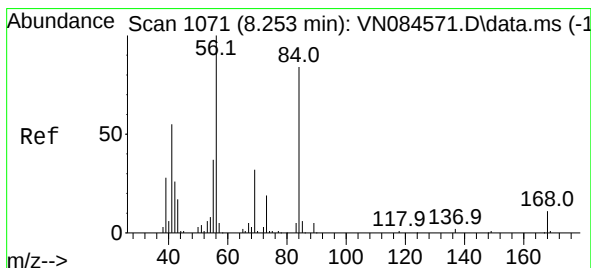
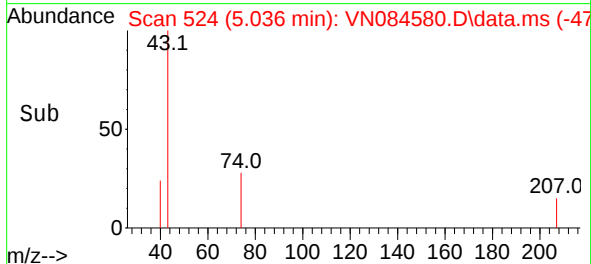
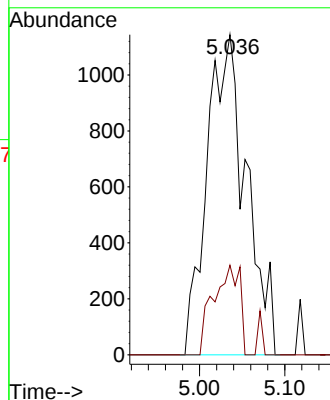
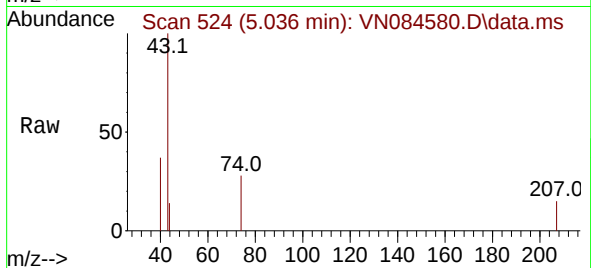
VN1030MBL01

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

43 100

74 18.8 19.2 28.8#



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

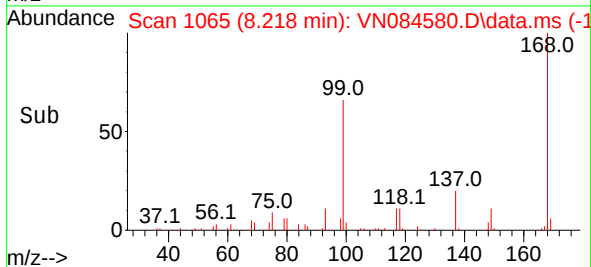
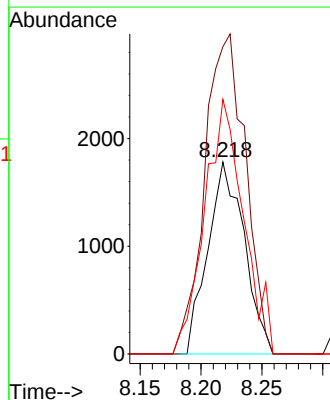
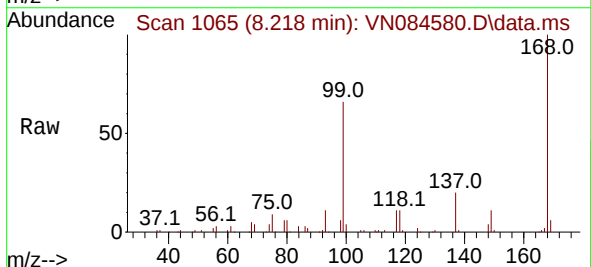
Tgt Ion: 56 Resp: 3697

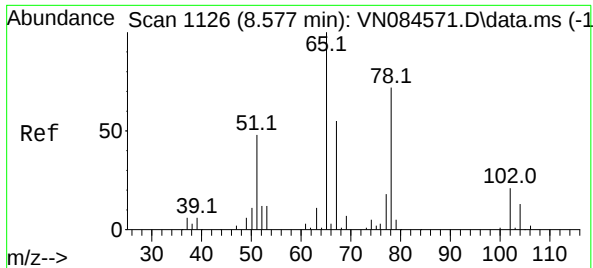
Ion Ratio Lower Upper

56 100

69 160.2 23.8 35.6#

84 132.7 68.8 103.2#

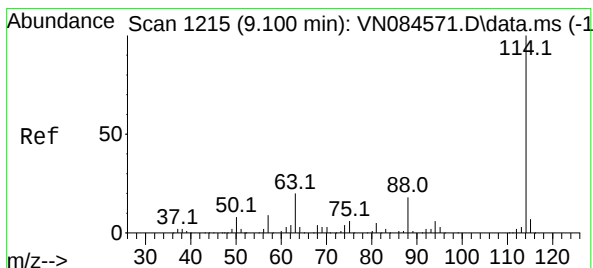
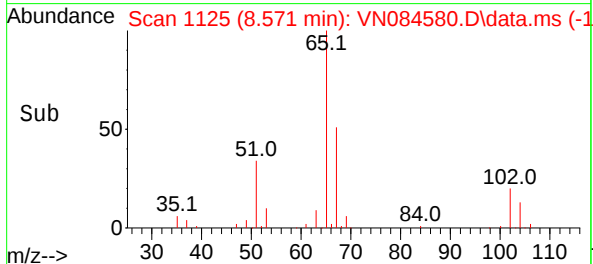
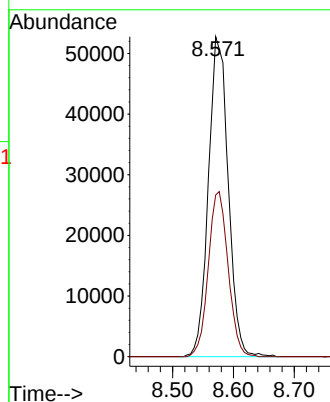
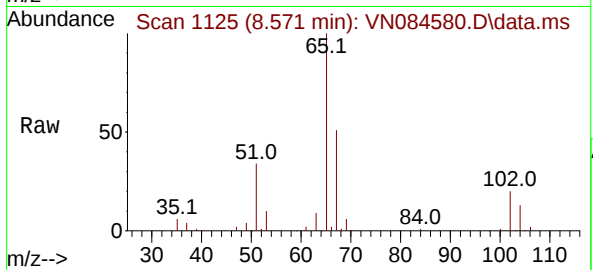




#33
 1,2-Dichloroethane-d4
 Concen: 51.083 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VN084580.D
 Acq: 30 Oct 2024 20:48

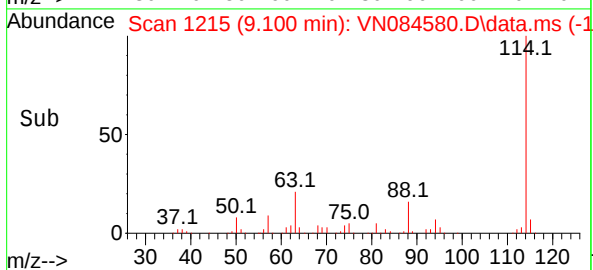
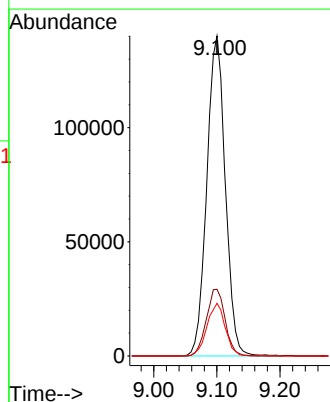
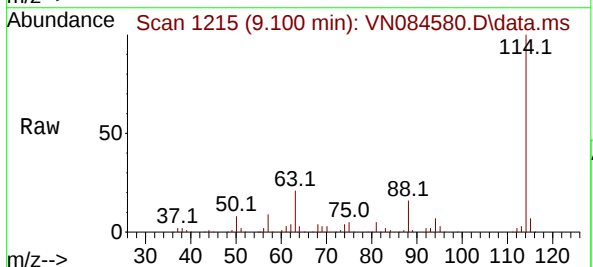
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01

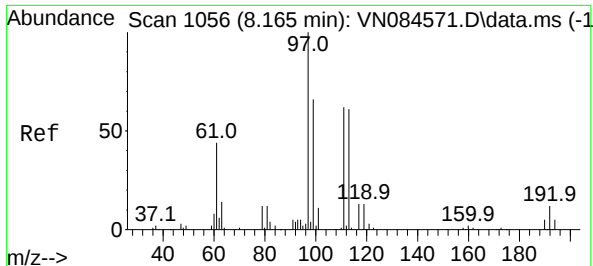
Tgt Ion: 65 Resp: 119388
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084580.D
 Acq: 30 Oct 2024 20:48

Tgt Ion:114 Resp: 284779
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.8
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.968 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

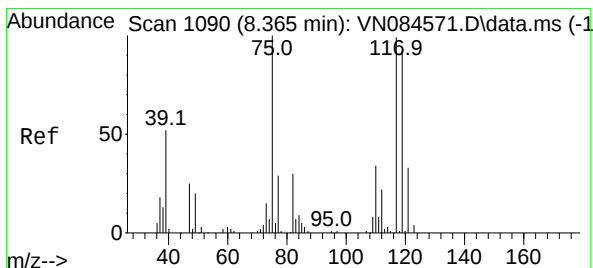
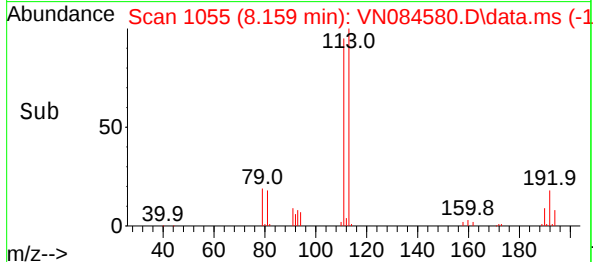
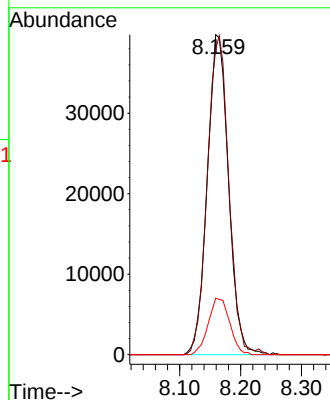
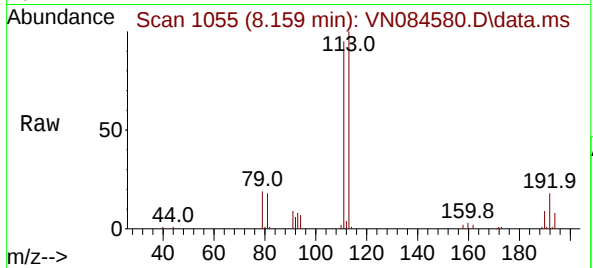
Tgt Ion:113 Resp: 96319

Ion Ratio Lower Upper

113 100

111 100.7 83.3 124.9

192 17.8 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.057 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

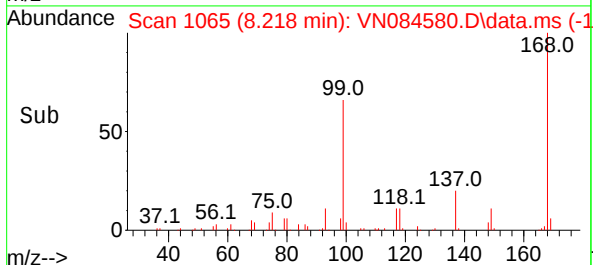
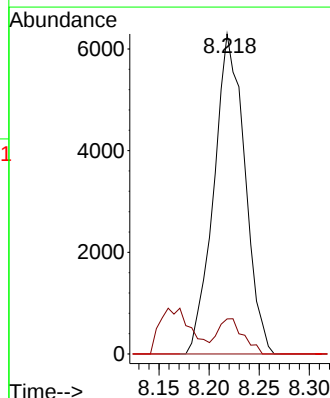
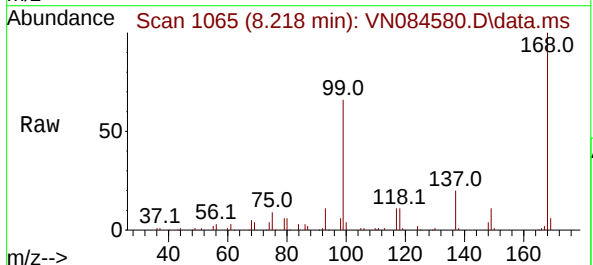
Tgt Ion: 75 Resp: 13519

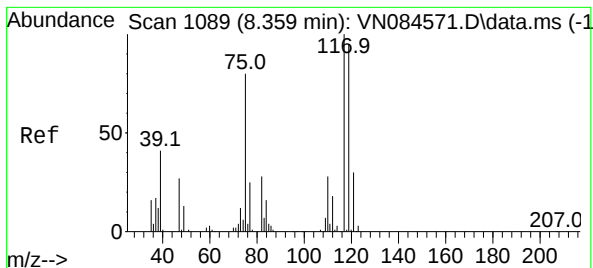
Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.7#

77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.930 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

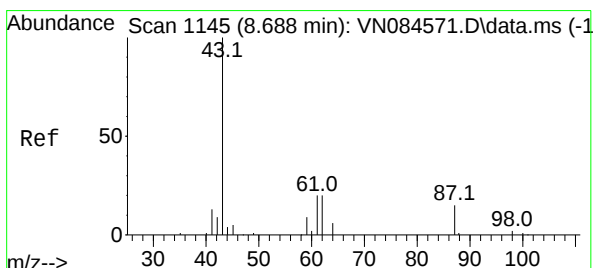
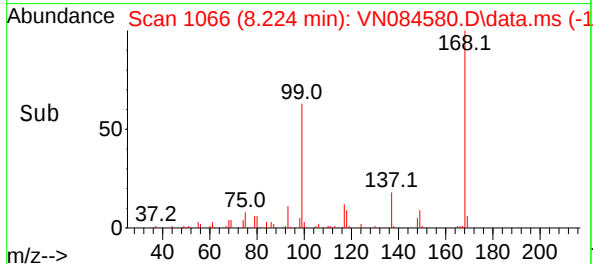
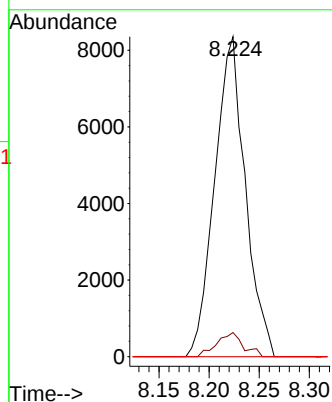
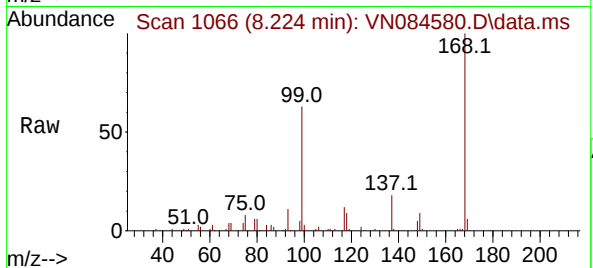
Tgt Ion:117 Resp: 17720

Ion Ratio Lower Upper

117 100

119 7.5 78.7 118.1#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.017 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

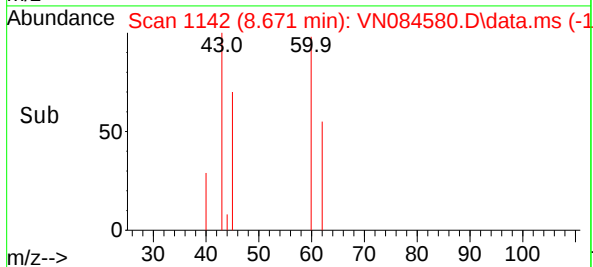
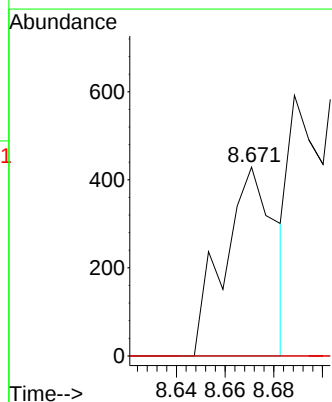
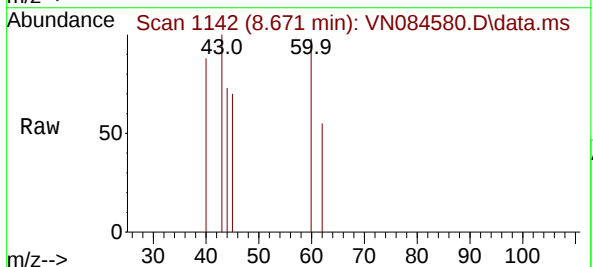
Tgt Ion: 43 Resp: 627

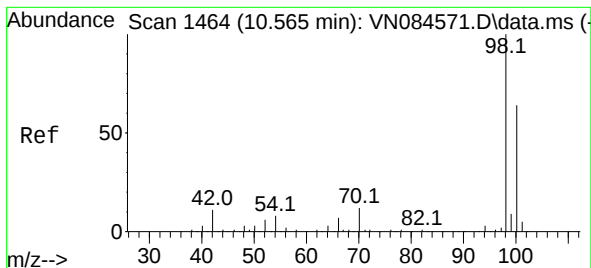
Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 46.650 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

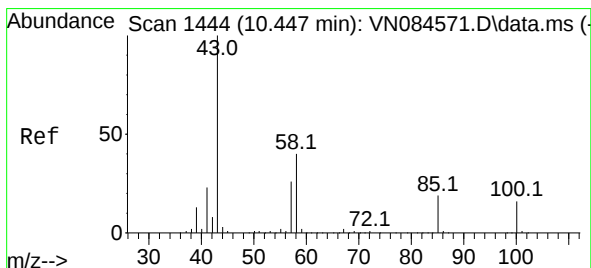
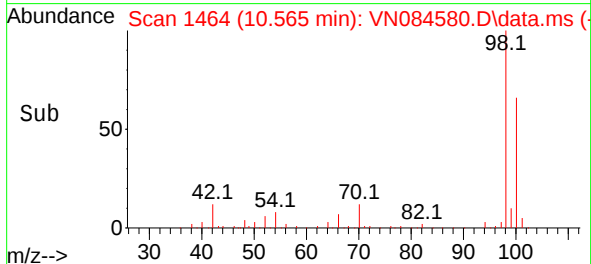
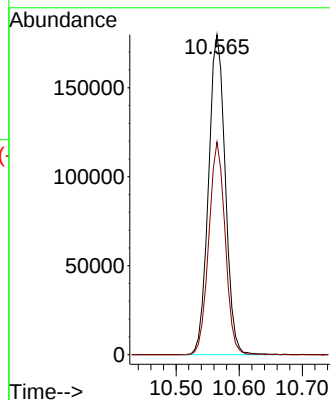
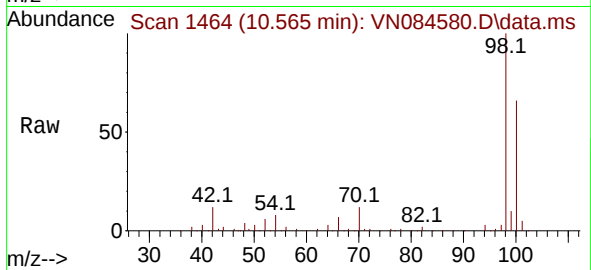
VN1030MBL01

Tgt Ion: 98 Resp: 331250

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.207 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN084580.D

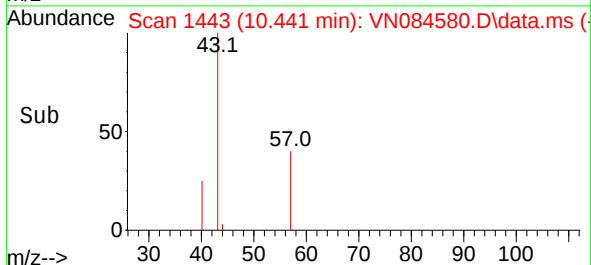
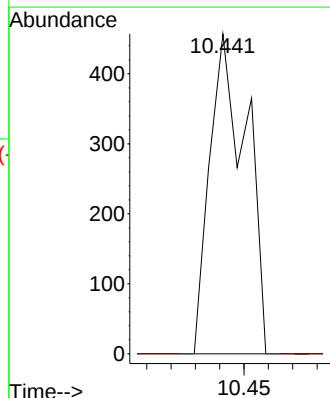
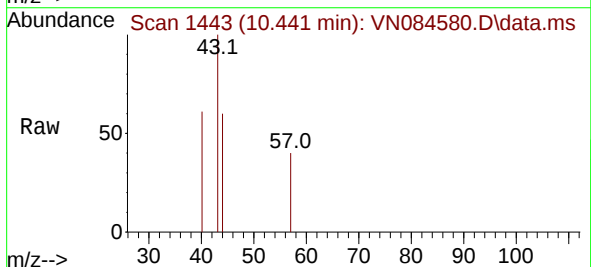
Acq: 30 Oct 2024 20:48

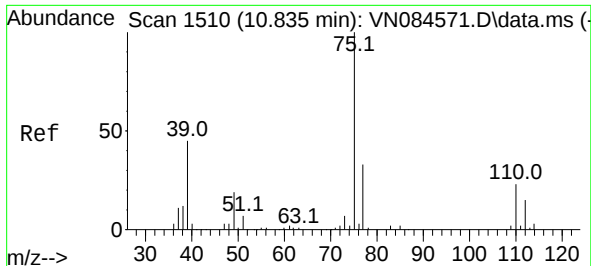
Tgt Ion: 43 Resp: 478

Ion Ratio Lower Upper

43 100

58 0.0 31.6 47.4#

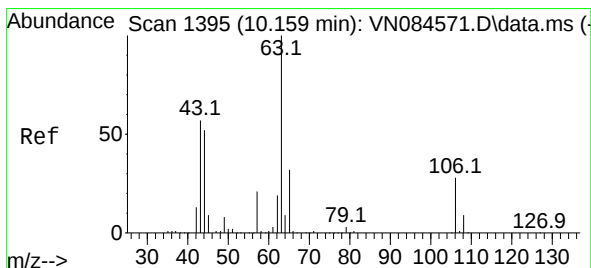
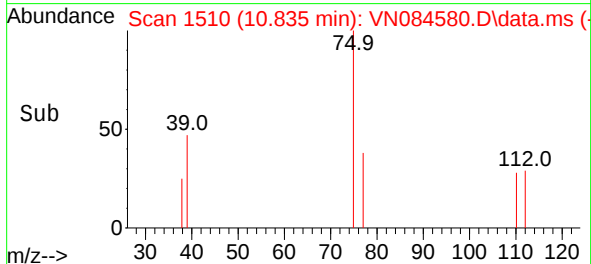
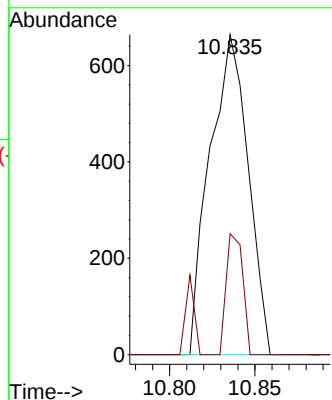
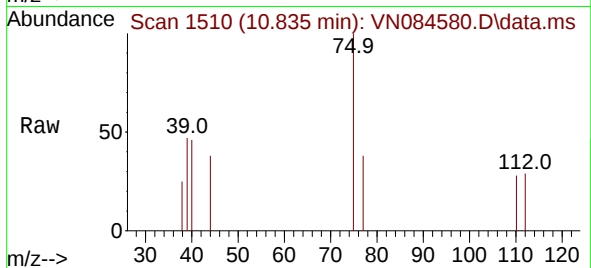




#53
t-1,3-Dichloropropene
Concen: 0.335 ug/l
RT: 10.835 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

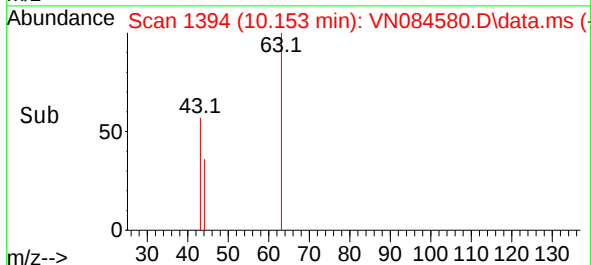
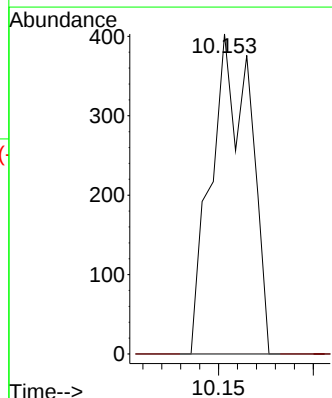
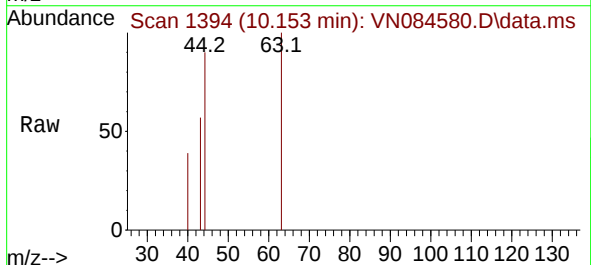
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

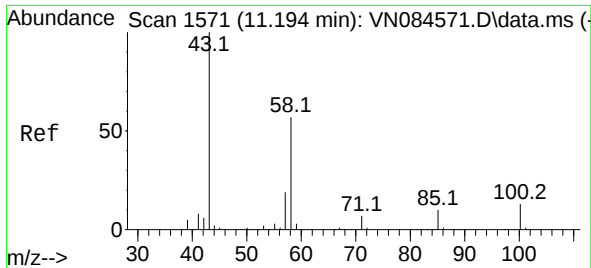
Tgt Ion: 75 Resp: 1039
Ion Ratio Lower Upper
75 100
77 37.8 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 0.453 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 63 Resp: 580
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

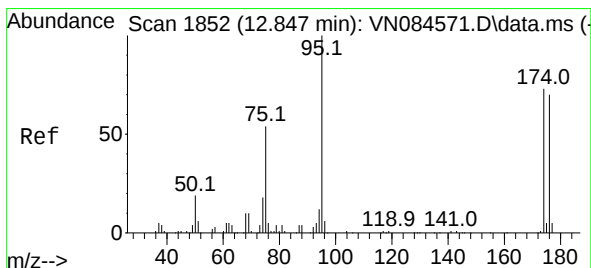
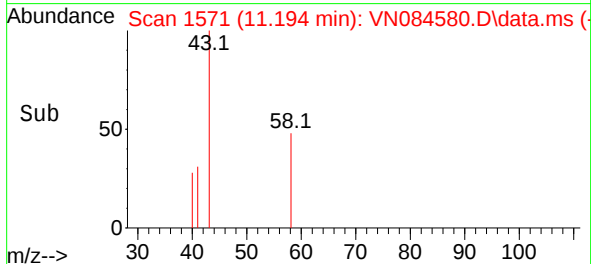
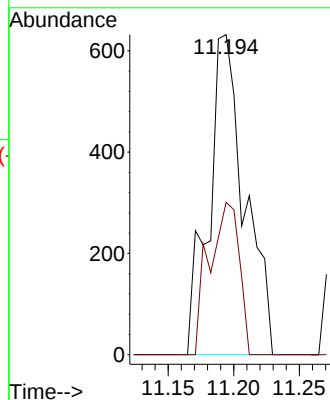
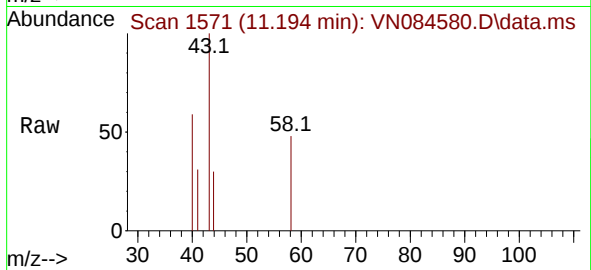




#59
2-Hexanone
Concen: 0.718 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

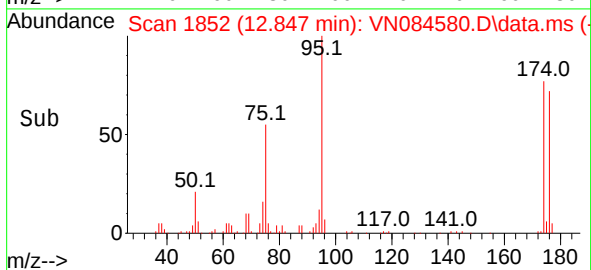
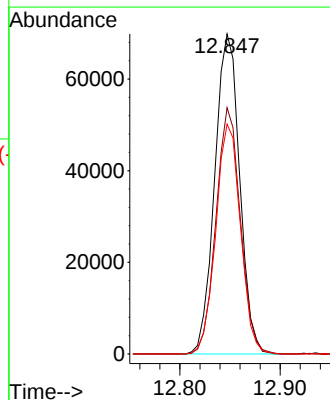
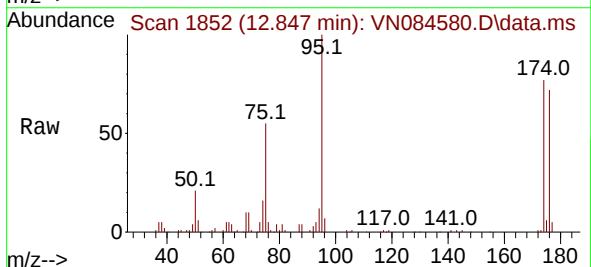
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

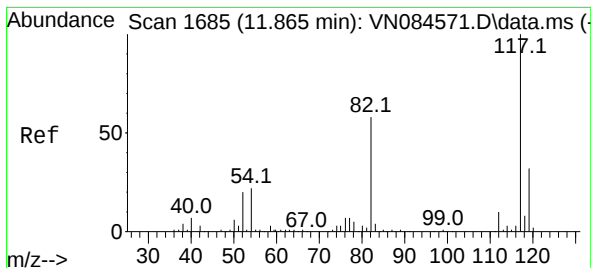
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
58 39.5 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 45.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 95 Resp: 120449
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 71.2 0.0 140.0

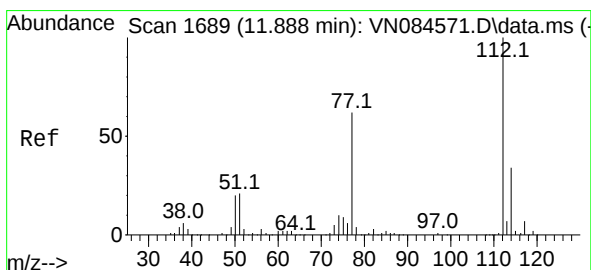
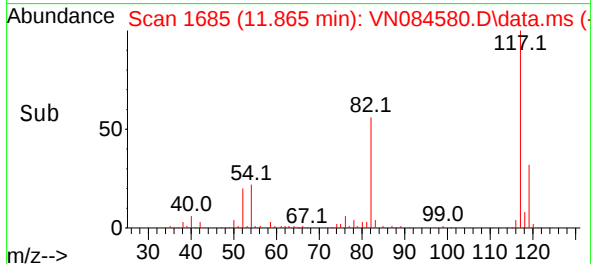
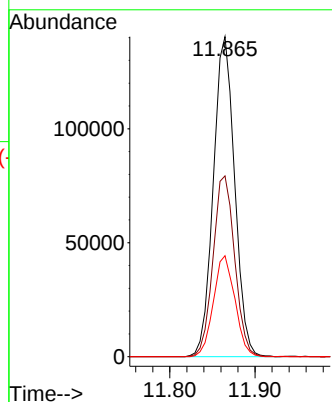
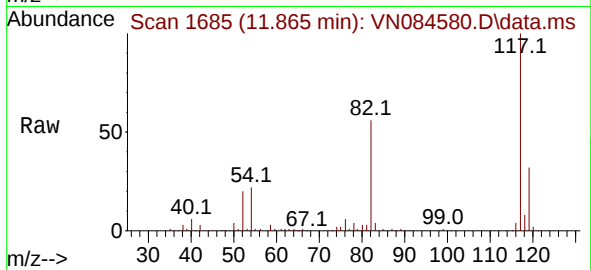




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

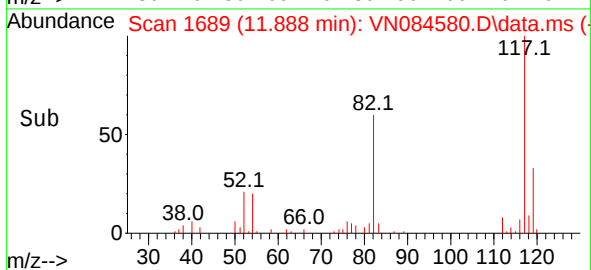
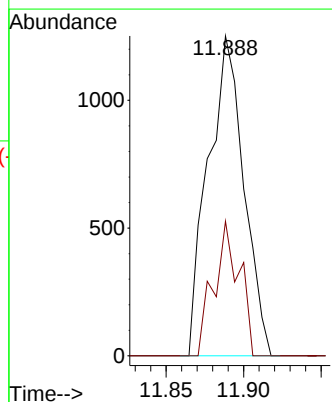
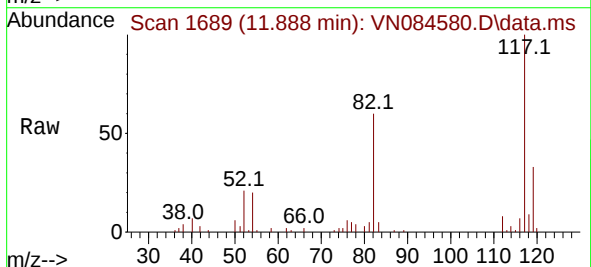
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

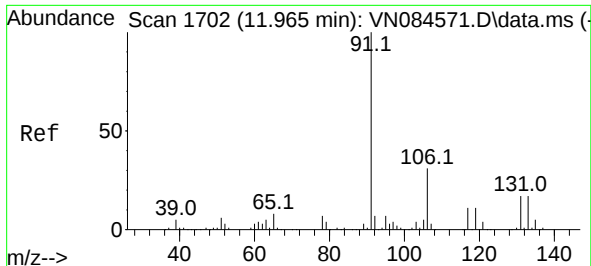
Tgt Ion:117 Resp: 244532
Ion Ratio Lower Upper
117 100
82 56.5 47.2 70.8
119 31.6 25.4 38.0



#65
Chlorobenzene
Concen: 0.367 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion:112 Resp: 2005
Ion Ratio Lower Upper
112 100
114 42.1 27.0 40.6#





#67

Ethyl Benzene

Concen: 0.202 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.006 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

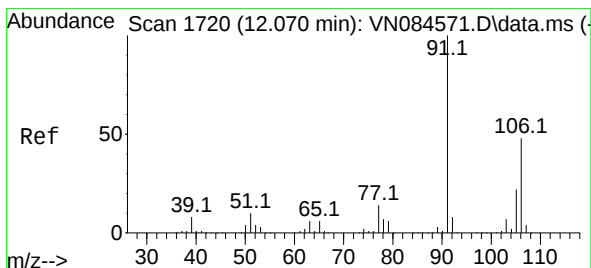
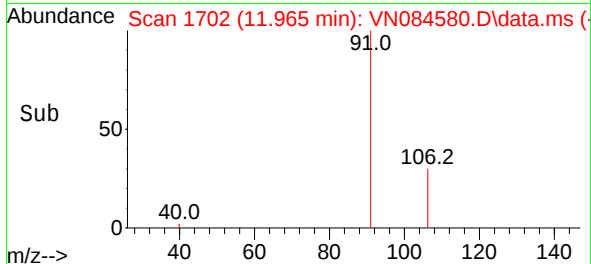
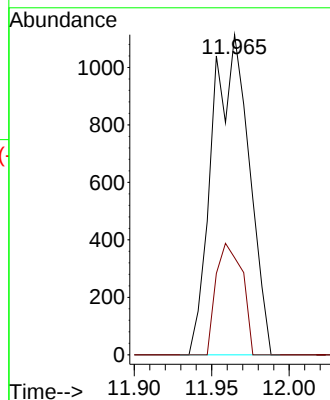
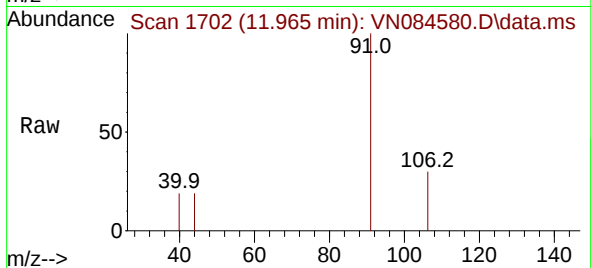
VN1030MBL01

Tgt Ion: 91 Resp: 1846

Ion Ratio Lower Upper

91 100

106 30.3 24.5 36.7



#68

m/p-Xylenes

Concen: 0.412 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084580.D

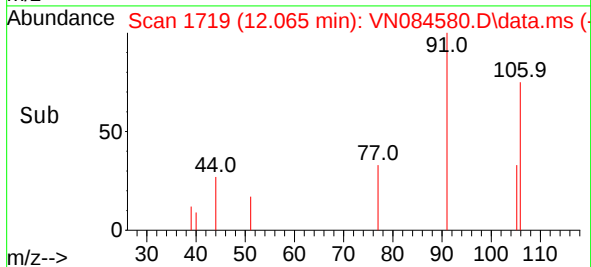
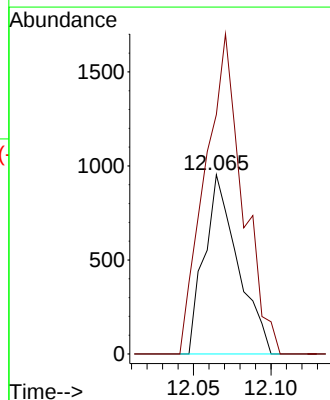
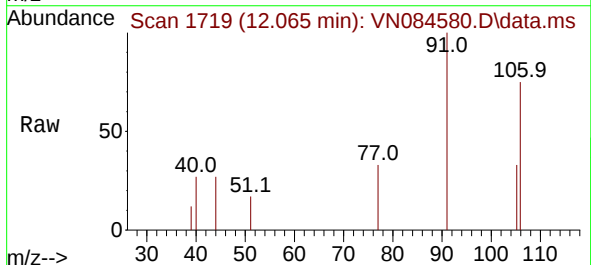
Acq: 30 Oct 2024 20:48

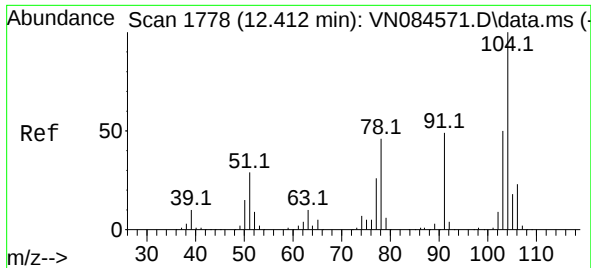
Tgt Ion: 106 Resp: 1424

Ion Ratio Lower Upper

106 100

91 201.8 167.1 250.7

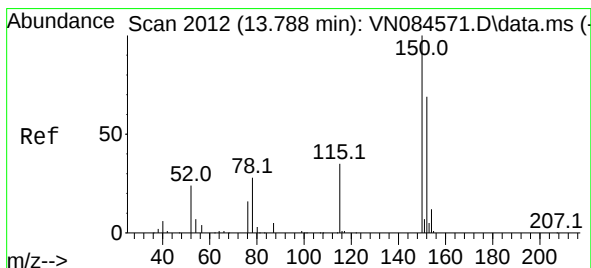
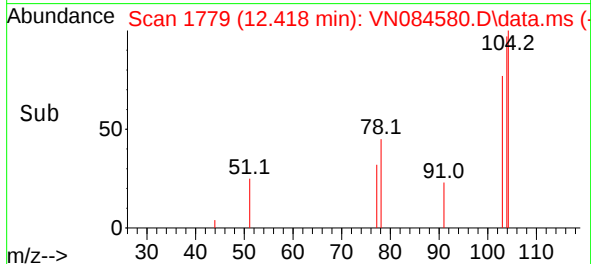
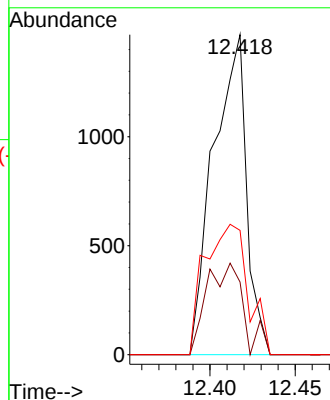
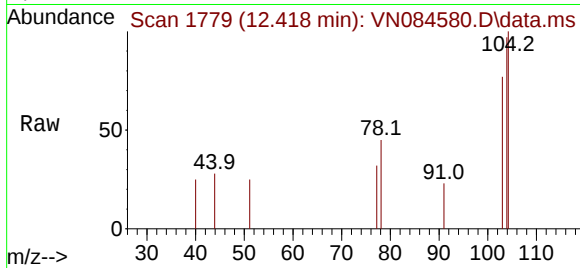




#70
Styrene
Concen: 0.350 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

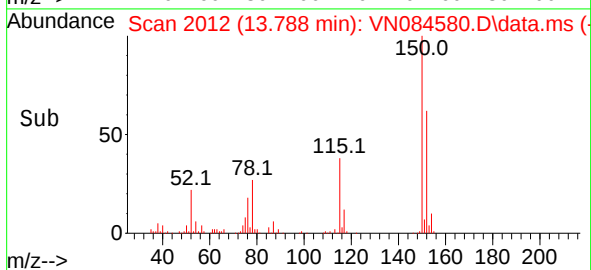
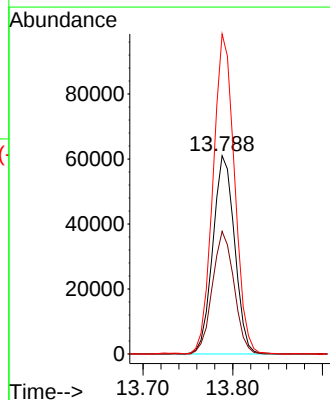
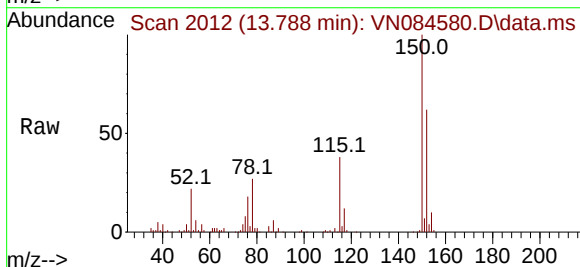
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

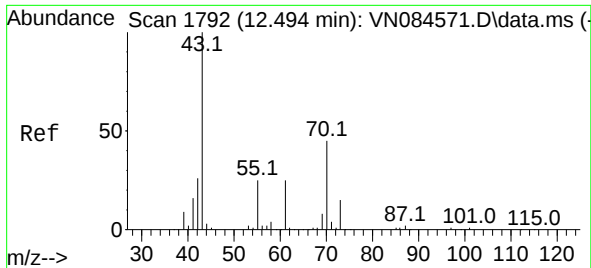
Tgt Ion:104 Resp: 1977
Ion Ratio Lower Upper
104 100
78 31.8 42.7 64.1#
103 53.5 43.6 65.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion:152 Resp: 102755
Ion Ratio Lower Upper
152 100
115 61.5 31.3 93.9
150 159.5 0.0 349.8

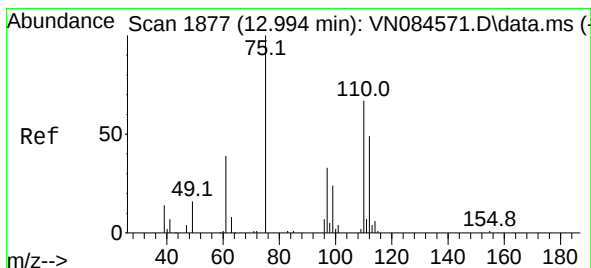
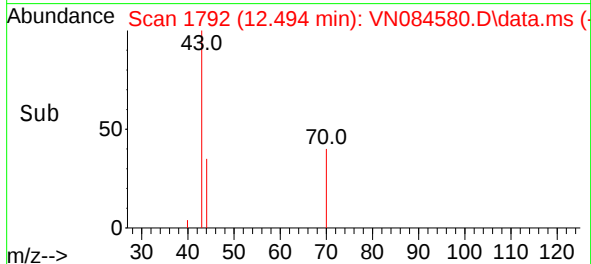
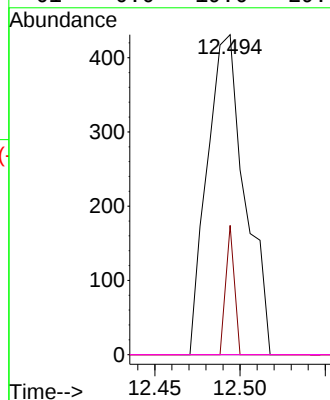
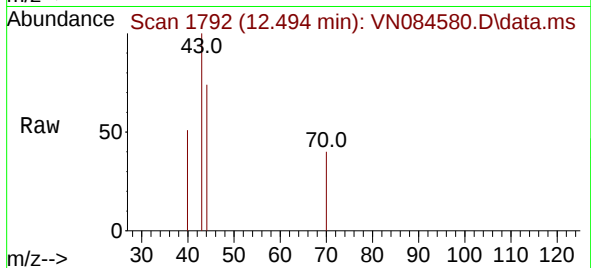




#74
N-amyI acetate
Concen: 0.216 ug/l
RT: 12.494 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

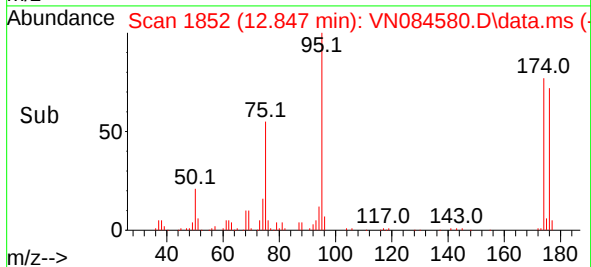
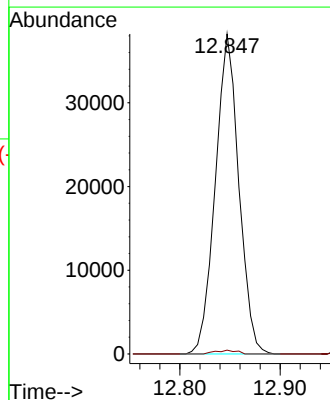
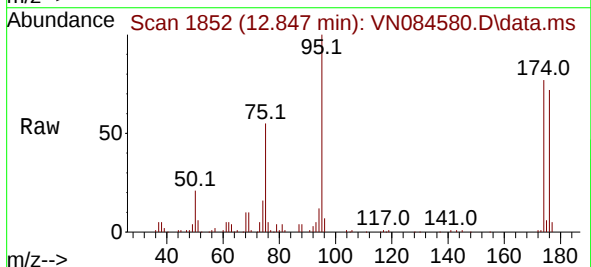
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

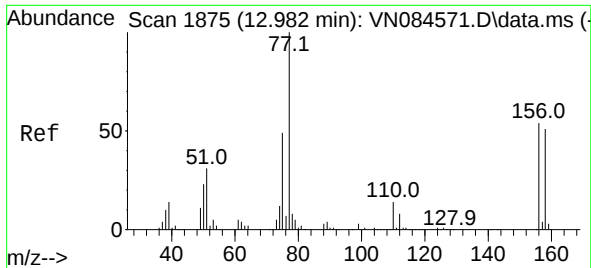
Tgt	Ion: 43	Resp:	661
Ion	Ratio	Lower	Upper
43	100		
70	9.2	34.4	51.6#
55	0.0	19.6	29.4#
61	0.0	19.6	29.4#



#76
1,2,3-Trichloropropane
Concen: 30.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 75	Resp: 62201
Ion Ratio	Lower Upper
75 100	
77 1.1	96.9 290.7#

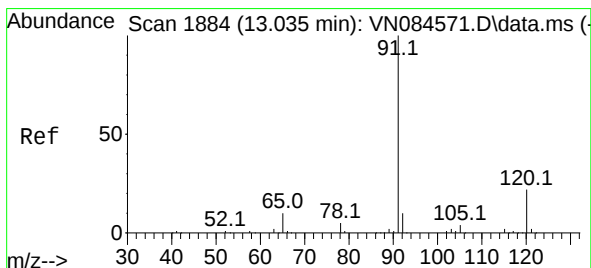
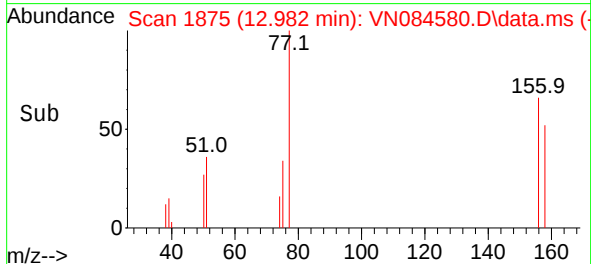
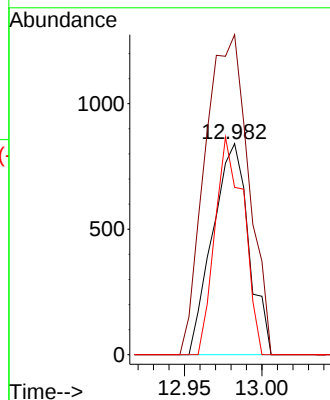
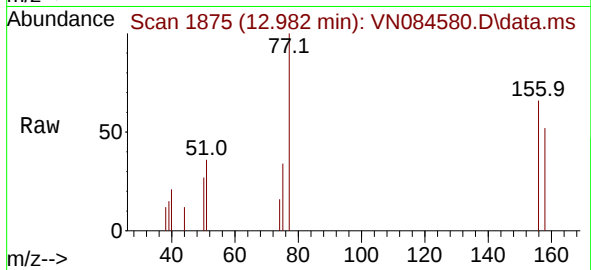




#77
Bromobenzene
Concen: 0.704 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

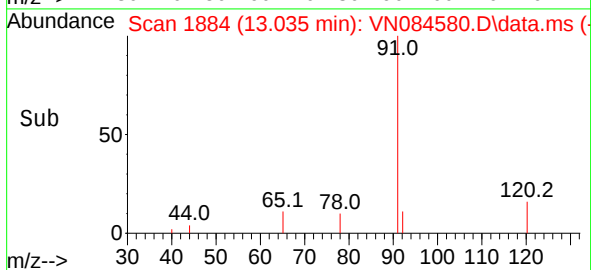
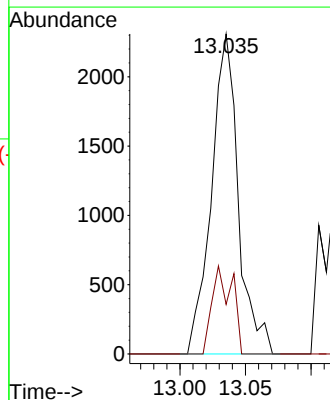
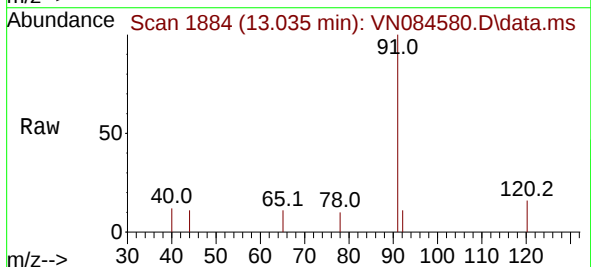
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

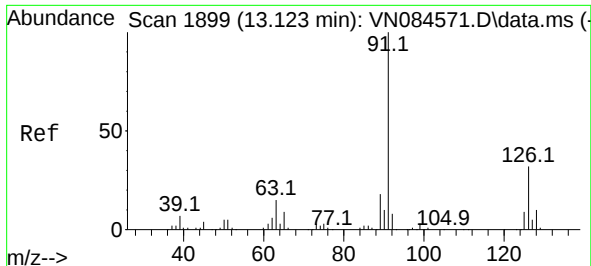
Tgt Ion:156 Resp: 1362
Ion Ratio Lower Upper
156 100
77 182.7 115.1 345.3
158 82.2 48.9 146.8



#78
n-propylbenzene
Concen: 0.390 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 91 Resp: 3288
Ion Ratio Lower Upper
91 100
120 20.5 10.8 32.4





#79

2-Chlorotoluene

Concen: 0.383 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

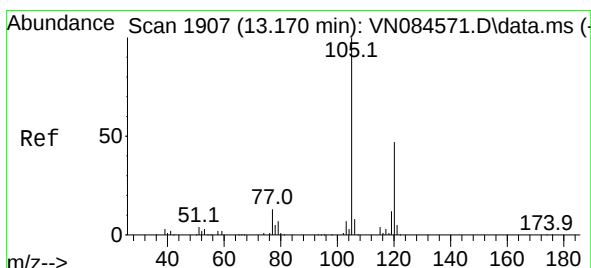
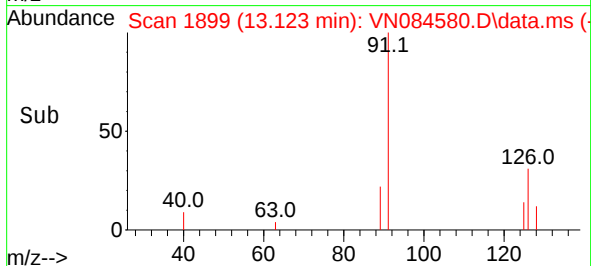
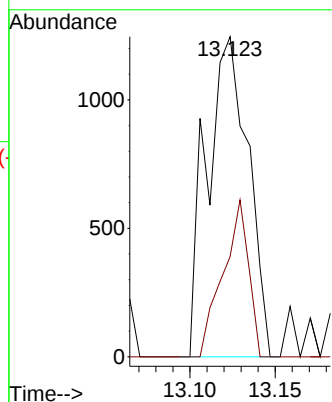
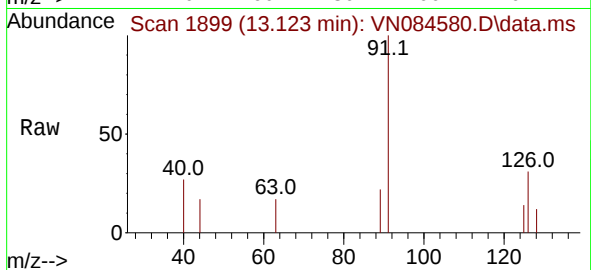
VN1030MBL01

Tgt Ion: 91 Resp: 2109

Ion Ratio Lower Upper

91 100

126 30.1 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 0.212 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VN084580.D

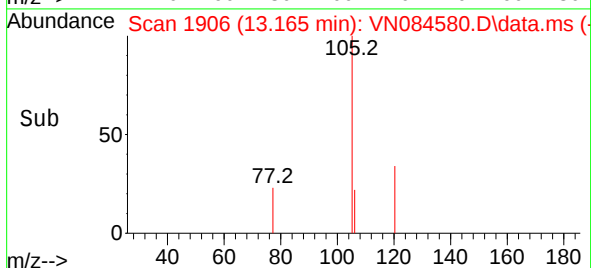
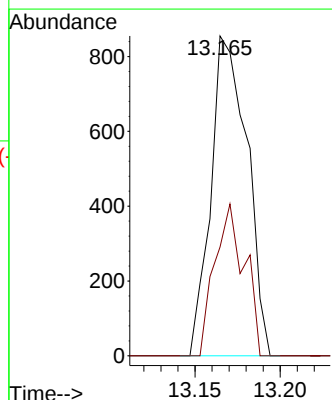
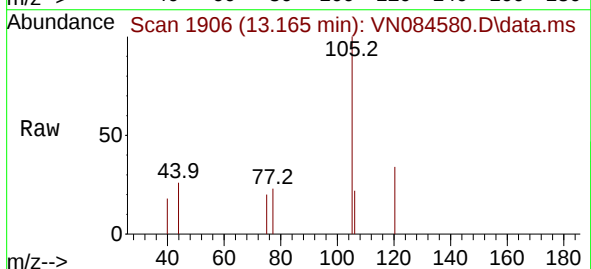
Acq: 30 Oct 2024 20:48

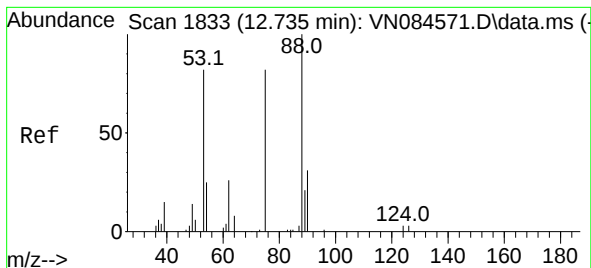
Tgt Ion:105 Resp: 1263

Ion Ratio Lower Upper

105 100

120 39.1 23.7 71.1

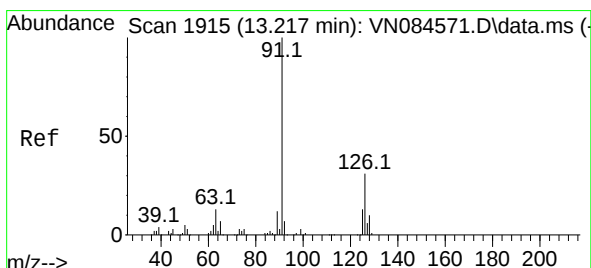
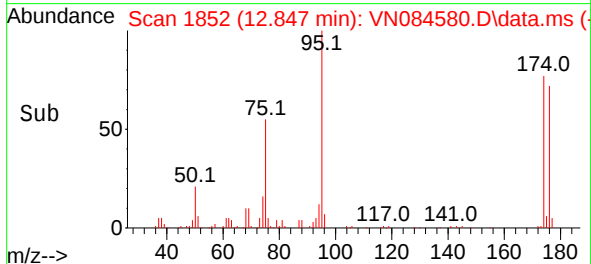
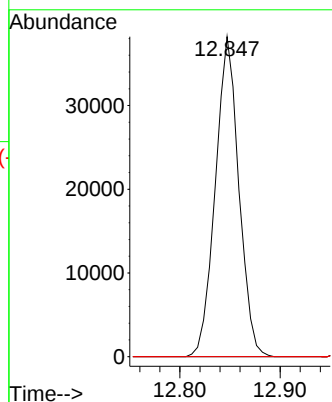
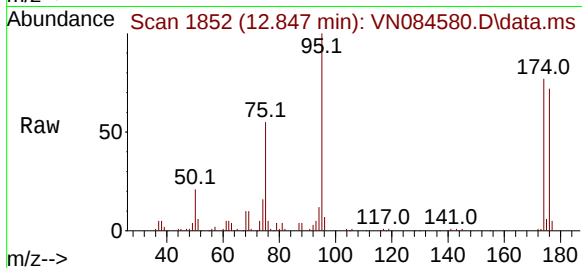




#81
trans-1,4-Dichloro-2-butene
Concen: 71.842 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

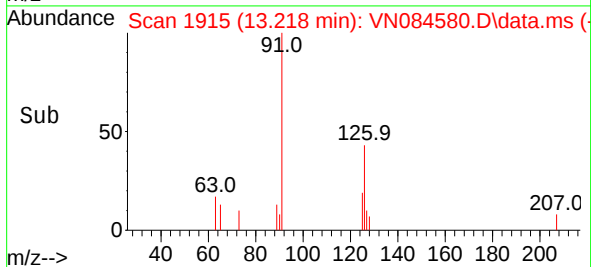
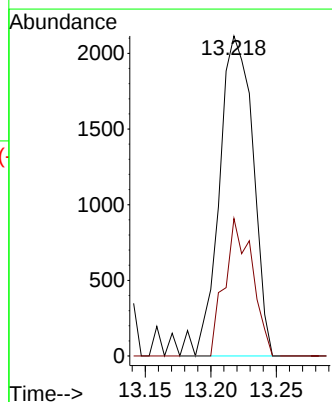
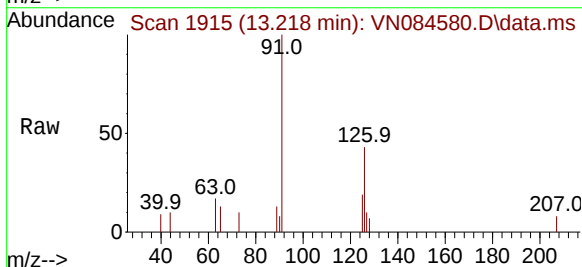
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01

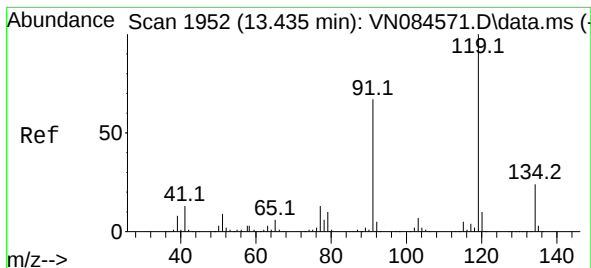
Tgt Ion: 75 Resp: 62201
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.654 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

Tgt Ion: 91 Resp: 3794
Ion Ratio Lower Upper
91 100
126 35.1 15.7 47.1





#83

tert-Butylbenzene

Concen: 0.238 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

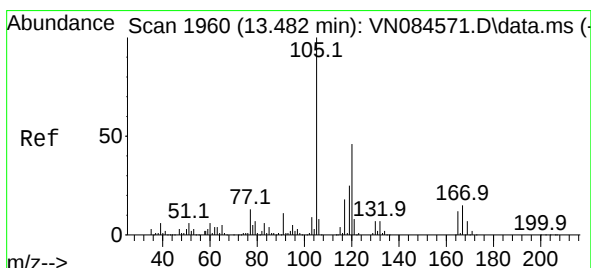
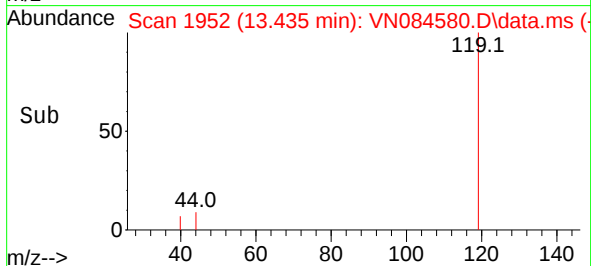
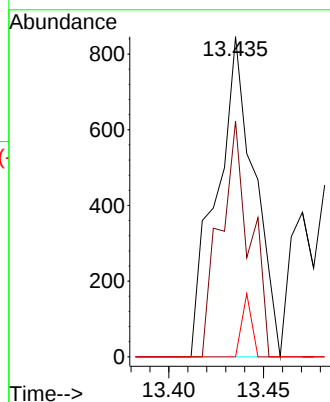
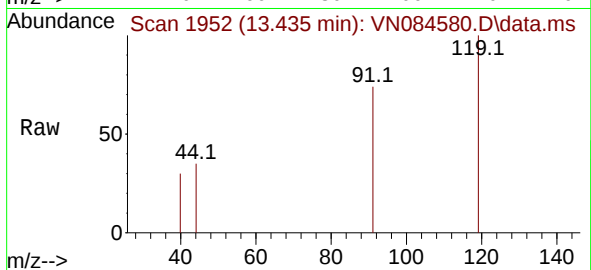
Tgt Ion:119 Resp: 1176

Ion Ratio Lower Upper

119 100

91 57.7 34.1 102.3

134 5.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.259 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN084580.D

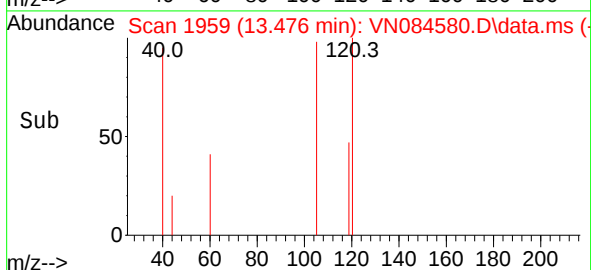
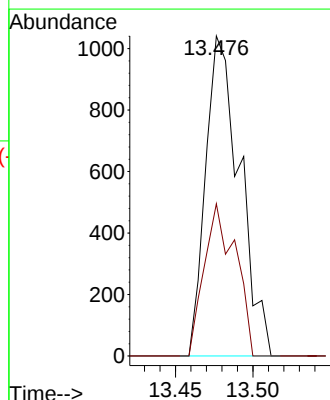
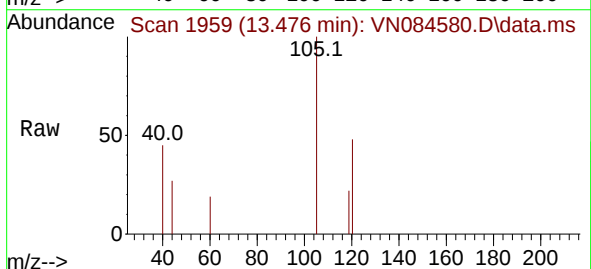
Acq: 30 Oct 2024 20:48

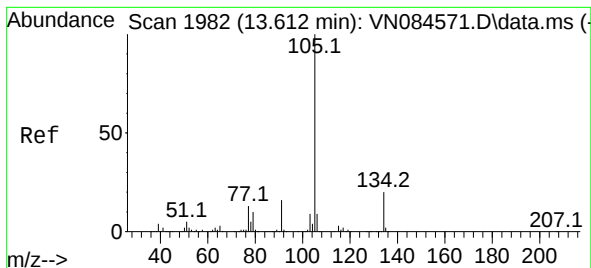
Tgt Ion:105 Resp: 1593

Ion Ratio Lower Upper

105 100

120 43.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 0.313 ug/l

RT: 13.618 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

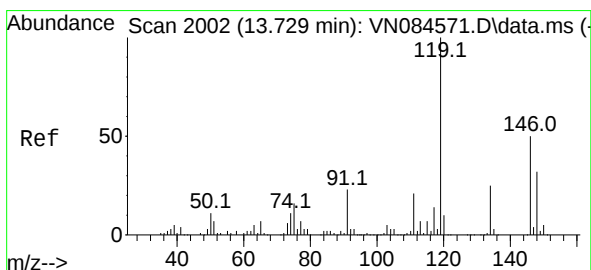
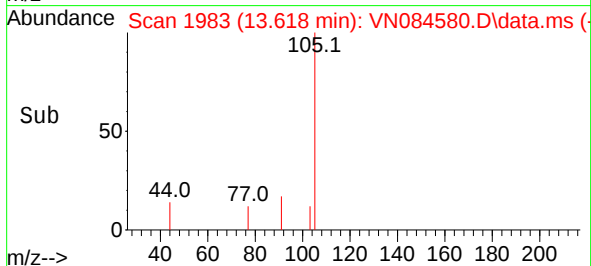
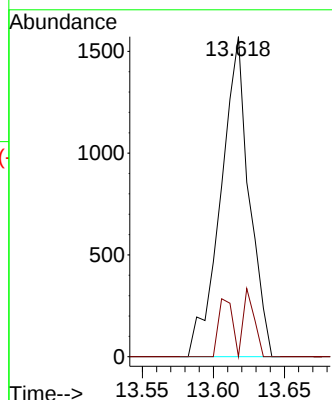
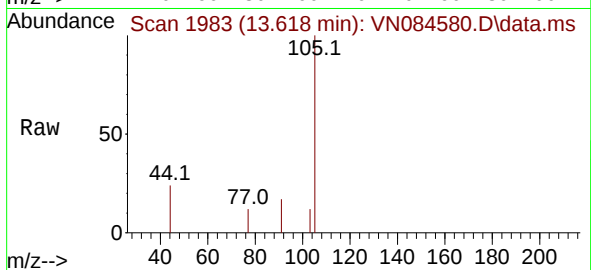
VN1030MBL01

Tgt Ion:105 Resp: 2183

Ion Ratio Lower Upper

105 100

134 8.2 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 0.333 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

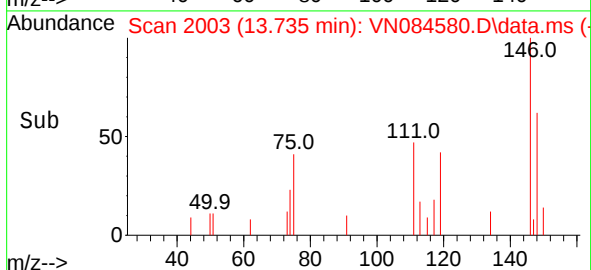
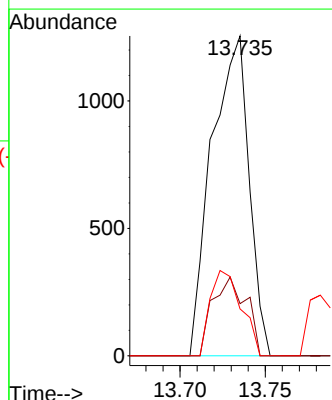
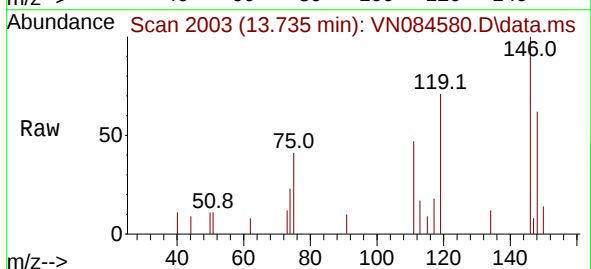
Tgt Ion:119 Resp: 1905

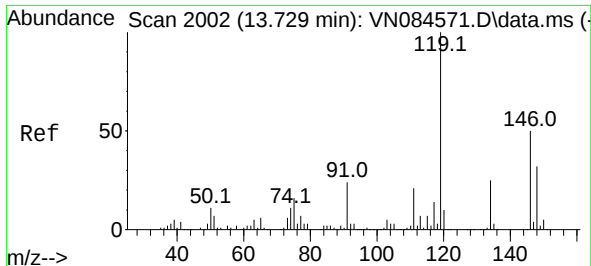
Ion Ratio Lower Upper

119 100

134 22.2 12.6 37.8

91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.799 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01

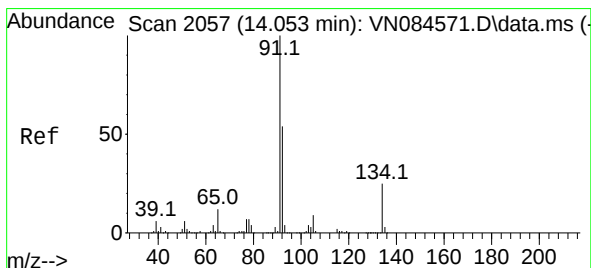
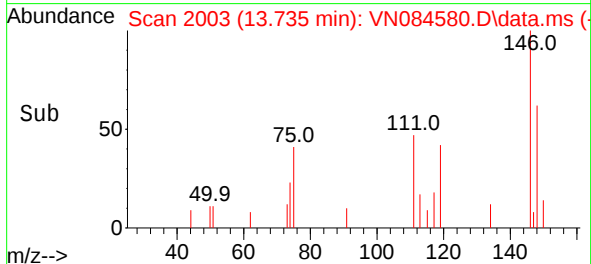
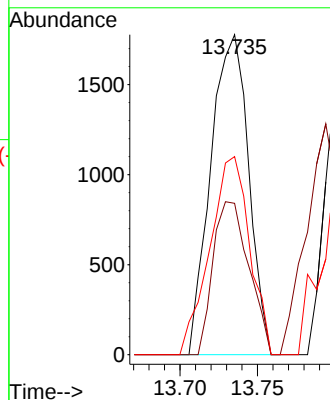
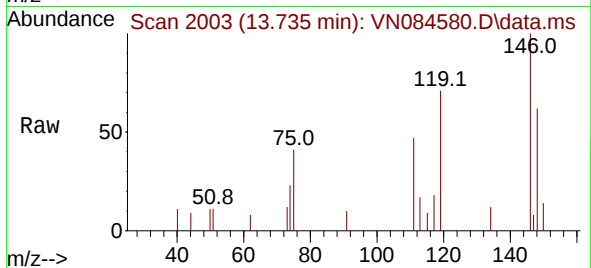
Tgt Ion:146 Resp: 3018

Ion Ratio Lower Upper

146 100

111 45.3 21.8 65.3

148 65.1 31.9 95.7



#89

n-Butylbenzene

Concen: 0.726 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

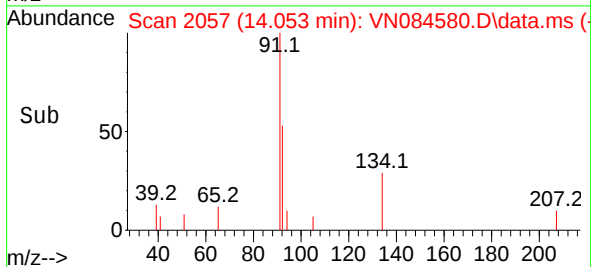
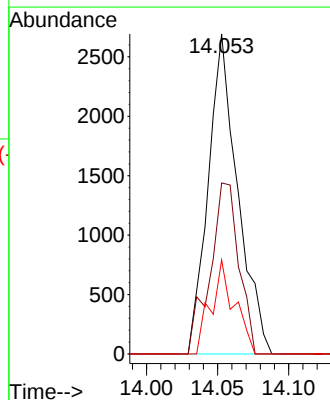
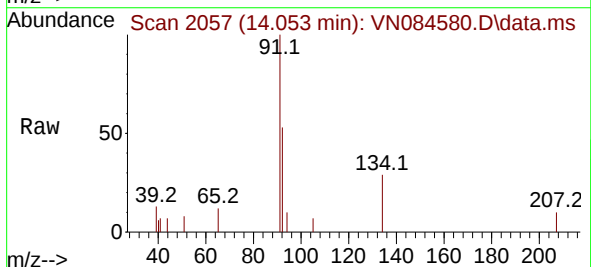
Tgt Ion: 91 Resp: 3884

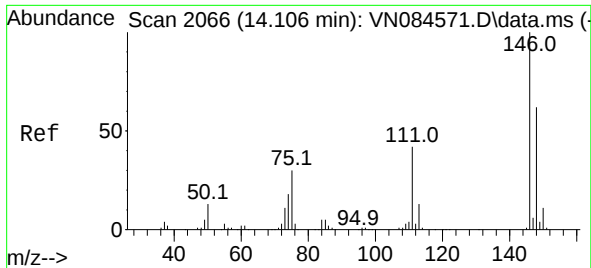
Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

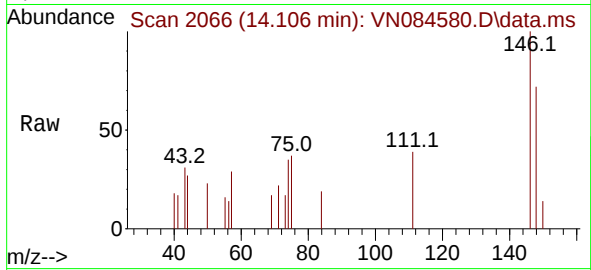
134 23.3 12.3 36.9



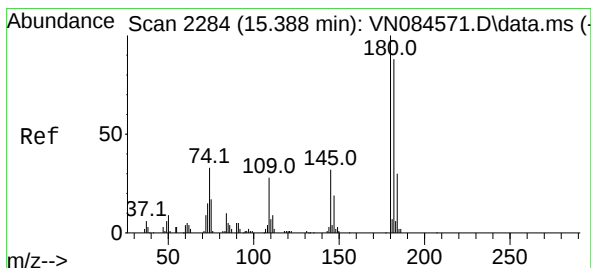
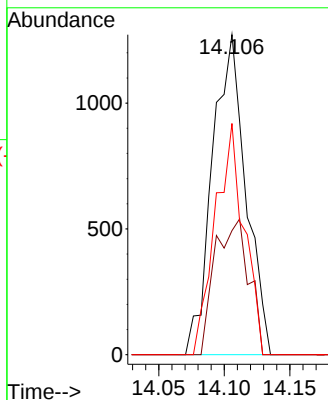
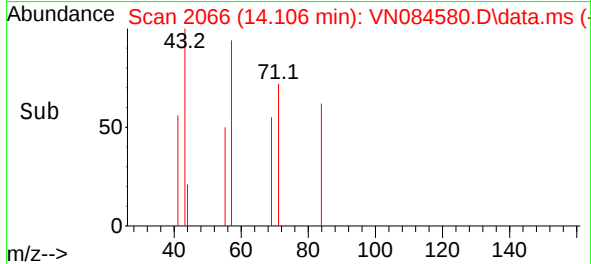


#91
1,2-Dichlorobenzene
Concen: 0.621 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48

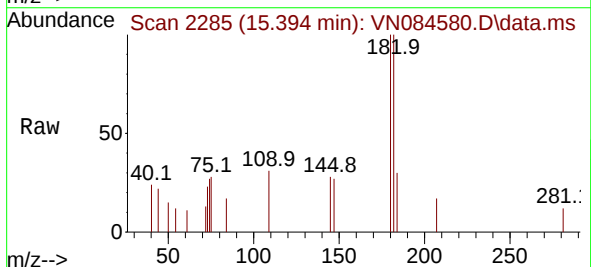
Instrument :
MSVOA_N
ClientSampleId :
VN1030MBL01



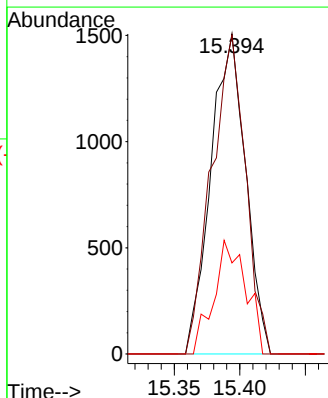
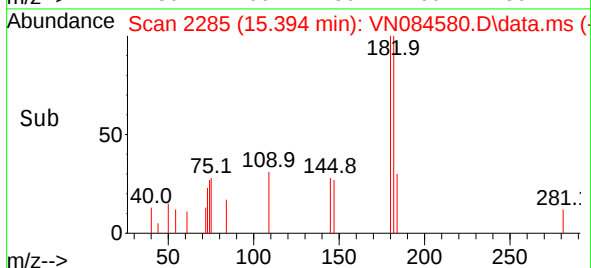
Tgt Ion:146 Resp: 2255
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 62.3 32.1 96.3

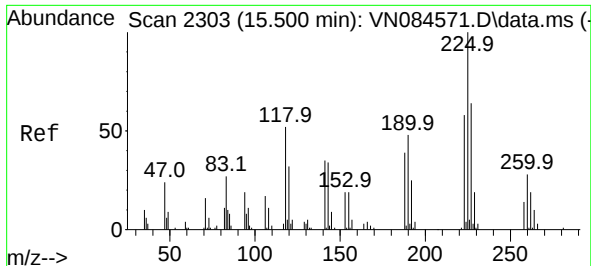


#93
1,2,4-Trichlorobenzene
Concen: 1.399 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN084580.D
Acq: 30 Oct 2024 20:48



Tgt Ion:180 Resp: 2779
Ion Ratio Lower Upper
180 100
182 97.3 47.0 141.0
145 32.9 16.4 49.4





#94

Hexachlorobutadiene

Concen: 1.235 ug/l

RT: 15.488 min Scan# 2301

Delta R.T. -0.012 min

Lab File: VN084580.D

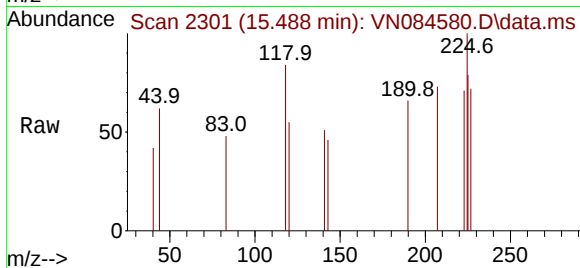
Acq: 30 Oct 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

VN1030MBL01



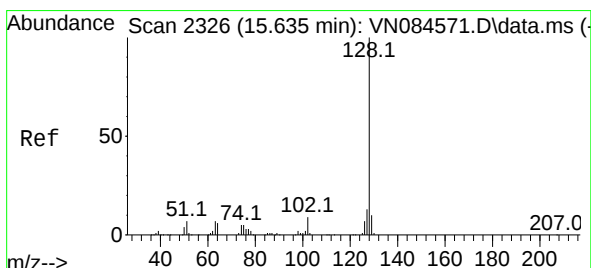
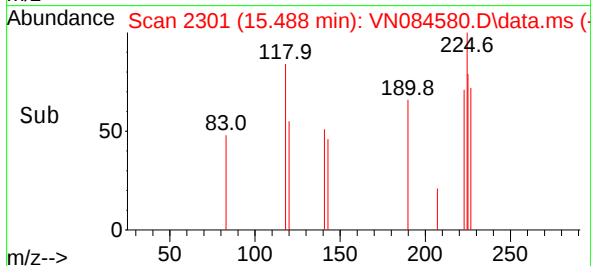
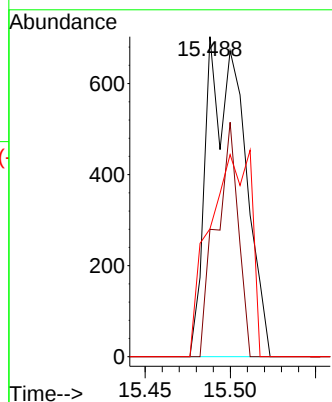
Tgt Ion:225 Resp: 1078

Ion Ratio Lower Upper

225 100

223 0.0 32.4 97.2#

227 0.0 32.4 97.0#



#95

Naphthalene

Concen: 1.131 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084580.D

Acq: 30 Oct 2024 20:48

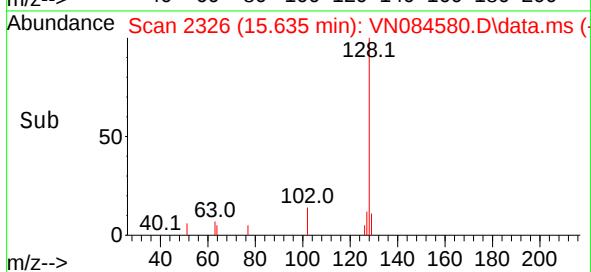
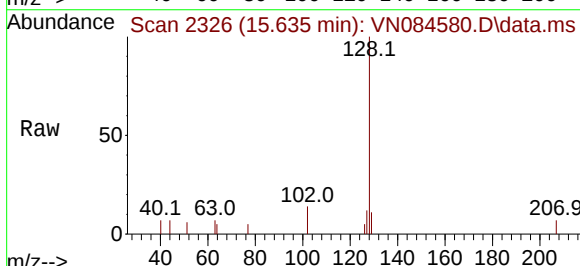
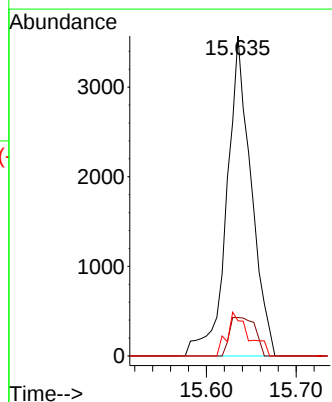
Tgt Ion:128 Resp: 6724

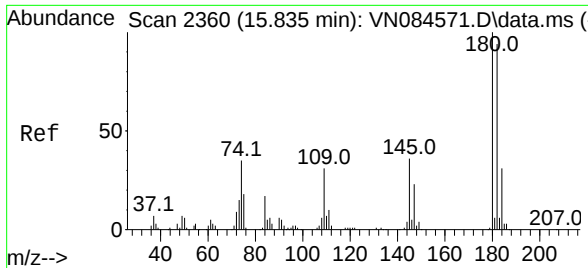
Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

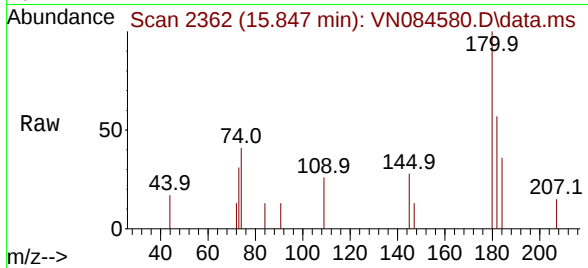
129 12.2 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.543 ug/l
 RT: 15.847 min Scan# 24
 Delta R.T. 0.012 min
 Lab File: VN084580.D
 Acq: 30 Oct 2024 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030MBL01



Tgt Ion:	180	Resp:	2976
Ion Ratio	Lower	Upper	
180	100		
182	72.5	48.2	144.6
145	33.5	17.3	51.9

