

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083846.D
 Acq On : 13 Sep 2024 01:49
 Operator : JC\MD
 Sample : VN0912WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL02

Quant Time: Sep 13 03:35:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	110731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	232293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	90880	54.430	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.860%
35) Dibromofluoromethane	8.165	113	73276	49.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.565	98	263259	51.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.847	95	120166	56.654	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	446	Below Cal	#	41
5) Bromomethane	2.912	94	661	0.817	ug/l #	60
13) Acrolein	4.177	56	209	0.947	ug/l #	55
15) Acrylonitrile	5.730	53	123	0.202	ug/l #	56
17) Carbon Disulfide	4.694	76	3430	1.024	ug/l #	75
18) Methyl Acetate	5.024	43	1299	Below Cal	#	71
23) Vinyl Acetate	6.594	43	1011	0.314	ug/l #	71
25) 2-Butanone	7.488	43	220	0.250	ug/l #	49
27) cis-1,2-Dichloroethene	7.482	96	368	0.242	ug/l #	5
31) Cyclohexane	8.224	56	3185	1.320	ug/l #	27
36) 1,1-Dichloropropene	8.371	75	1151	0.514	ug/l #	57
38) Carbon Tetrachloride	8.224	117	13135	5.173	ug/l #	17
43) Isopropyl Acetate	8.653	43	19528	5.304	ug/l #	57
44) Trichloroethene	9.353	130	640	0.410	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	512	0.255	ug/l #	61
52) Toluene	10.635	92	1216	0.295	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	1615	0.646	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	769	0.293	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.159	63	1160	1.360	ug/l #	84
59) 2-Hexanone	11.200	43	1222	0.824	ug/l	77
61) 1,2-Dibromoethane	11.470	107	449	0.293	ug/l	97
64) Tetrachloroethene	11.106	164	470	0.281	ug/l #	79
65) Chlorobenzene	11.894	112	3162	0.566	ug/l #	85
67) Ethyl Benzene	11.964	91	3516	0.354	ug/l	90
68) m/p-Xylenes	12.076	106	3250	0.882	ug/l	80
69) o-Xylene	12.394	106	817	0.229	ug/l	100
70) Styrene	12.412	104	3348	0.572	ug/l	97
71) Bromoform	12.576	173	267	0.205	ug/l #	29
73) Isopropylbenzene	12.694	105	2883	0.309	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	69264	28.490	ug/l #	1
77) Bromobenzene	12.976	156	1618	0.721	ug/l	85
78) n-propylbenzene	13.035	91	6311	0.582	ug/l	99
79) 2-Chlorotoluene	13.129	91	3730	0.539	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	2782	0.354	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	69264	74.617	ug/l #	9
82) 4-Chlorotoluene	13.217	91	6460	0.931	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

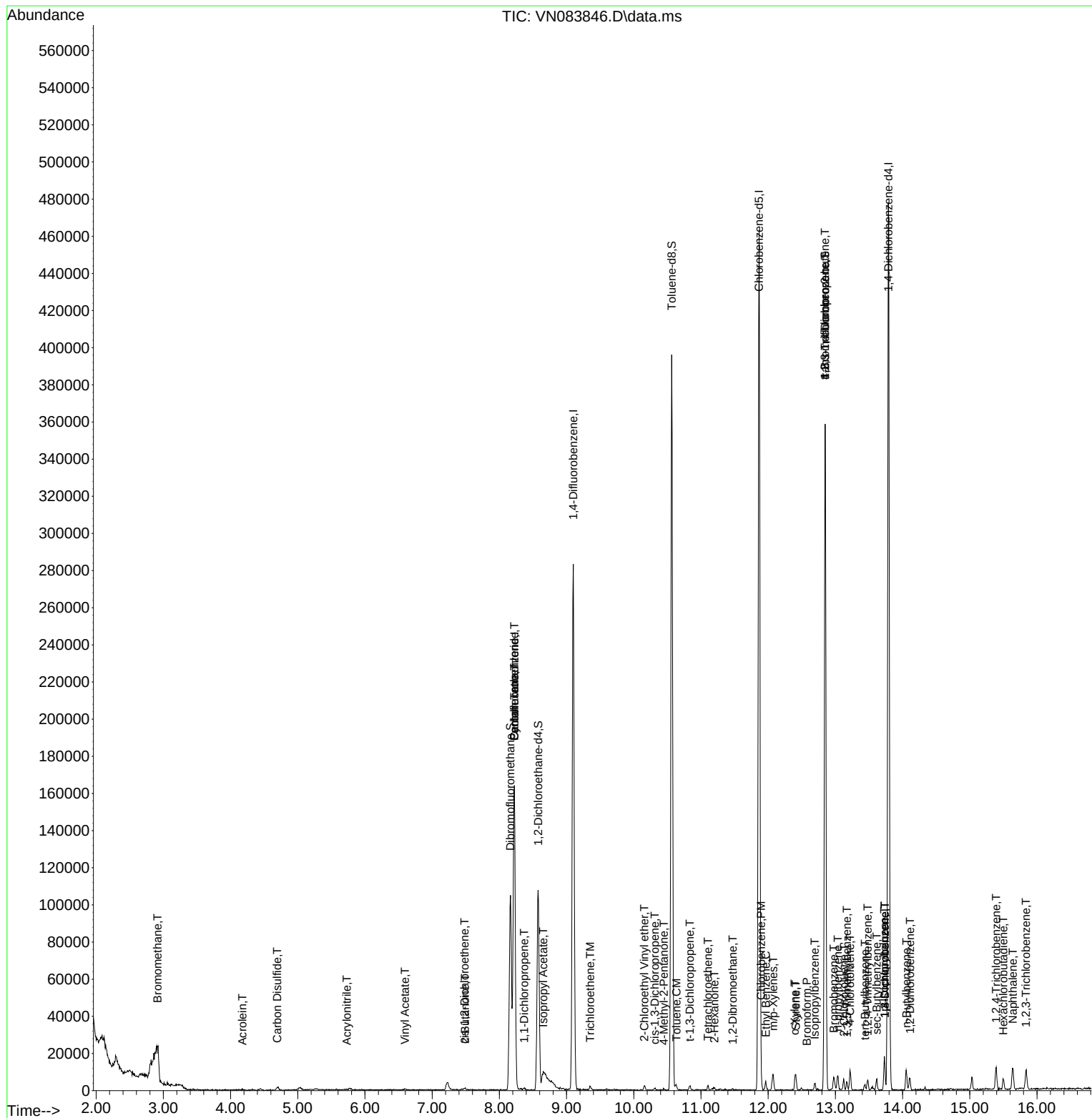
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	13.441	119	2619	0.381	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.482	105	3287	0.416	ug/l	92
85) sec-Butylbenzene	13.617	105	4459	0.489	ug/l	98
86) p-Isopropyltoluene	13.729	119	4062	0.531	ug/l	90
87) 1,3-Dichlorobenzene	13.735	146	4635	1.095	ug/l	95
88) 1,4-Dichlorobenzene	13.735	146	4635	1.081	ug/l	95
89) n-Butylbenzene	14.058	91	6821	0.994	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	3048	0.746	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	3998	1.823	ug/l	94
94) Hexachlorobutadiene	15.500	225	1124	1.207	ug/l	98
95) Naphthalene	15.641	128	11397	1.708	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	4012	1.914	ug/l	95

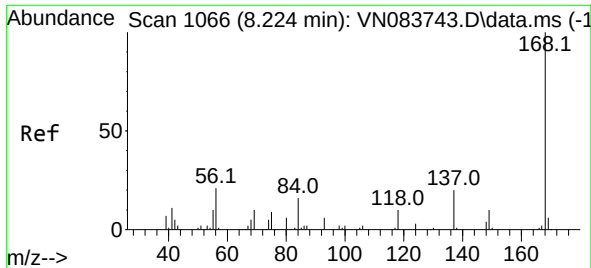
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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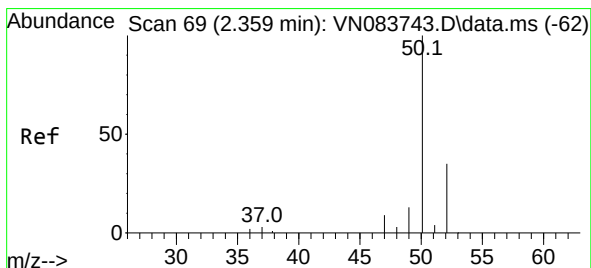
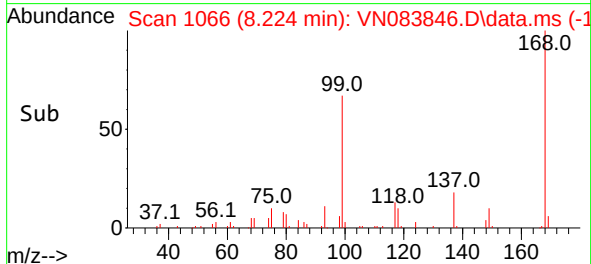
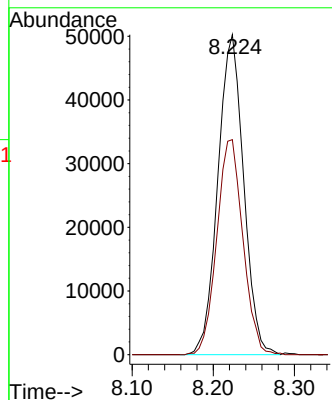
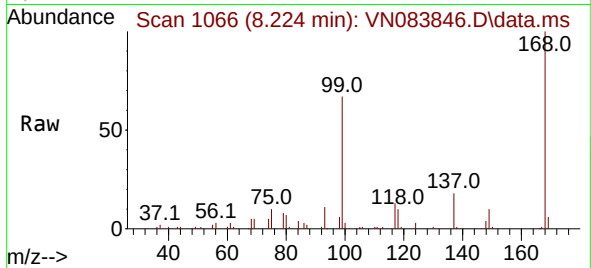




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

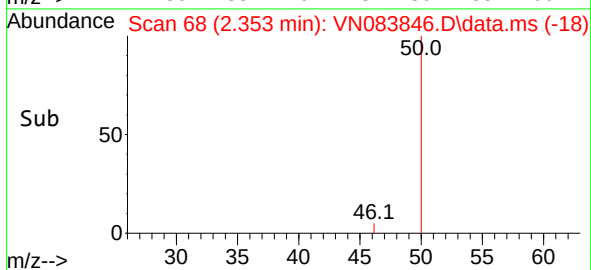
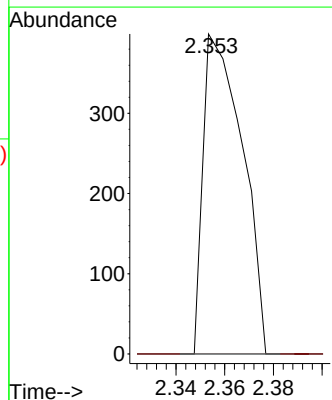
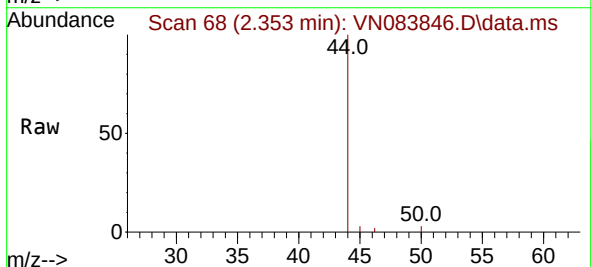
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

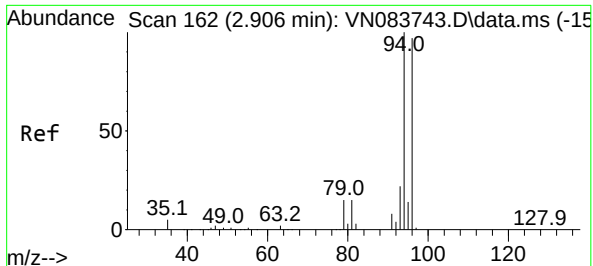
Tgt Ion:168 Resp: 110731
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 50 Resp: 446
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

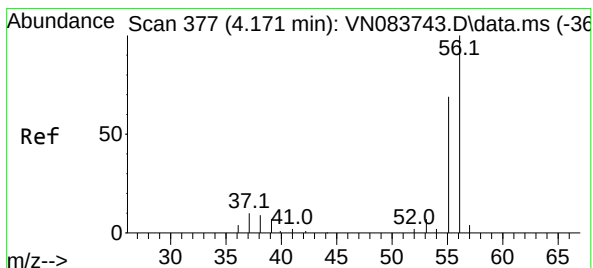
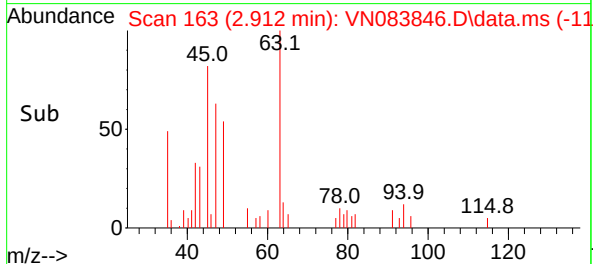
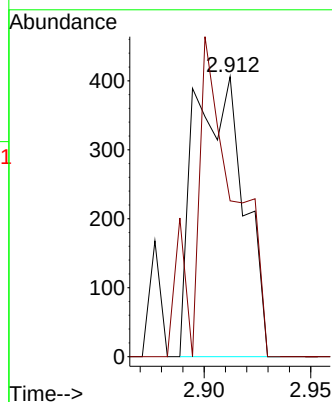
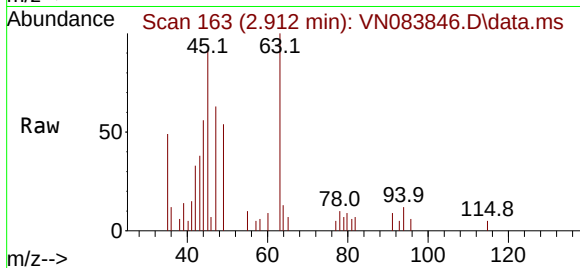




#5
Bromomethane
Concen: 0.817 ug/l
RT: 2.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

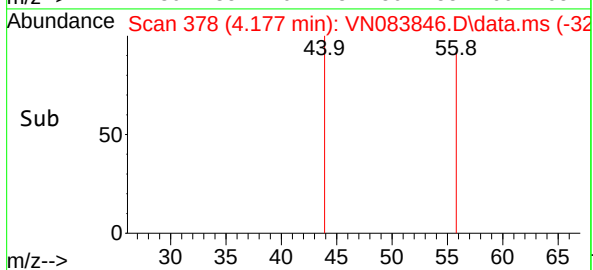
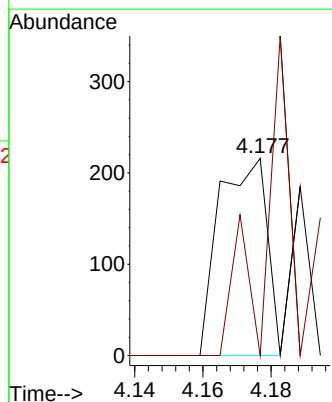
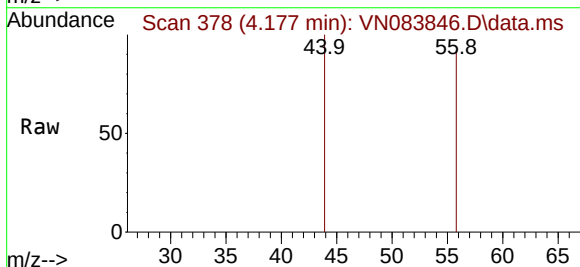
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

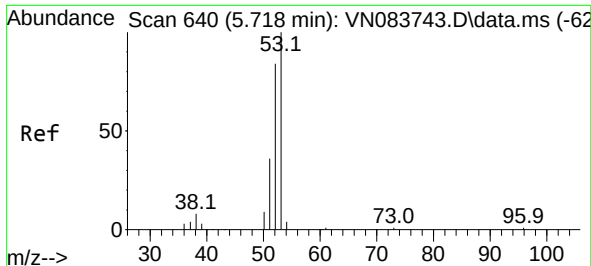
Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 55.7 76.0 114.0#



#13
Acrolein
Concen: 0.947 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

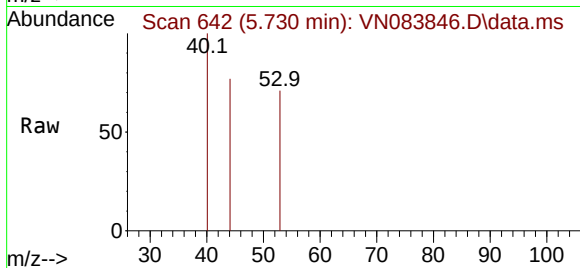
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 110.5 58.2 87.2#



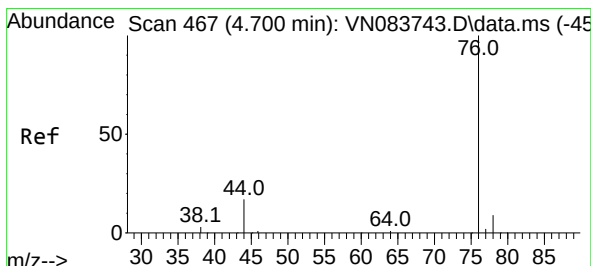
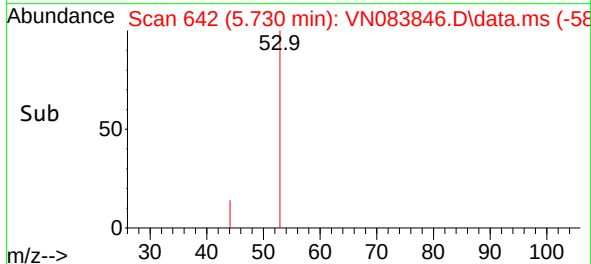
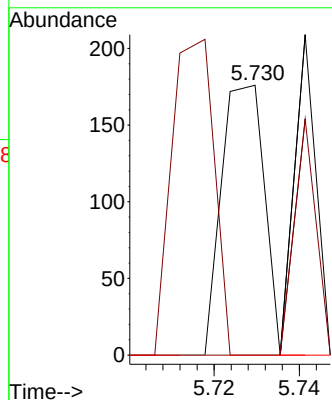


#15
Acrylonitrile
Concen: 0.202 ug/l
RT: 5.730 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

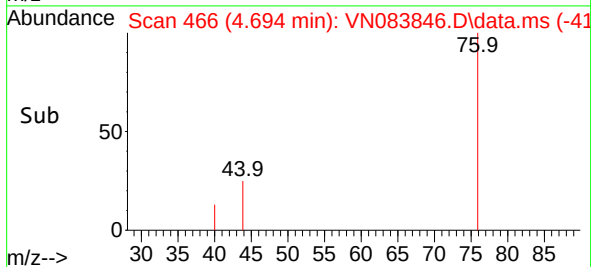
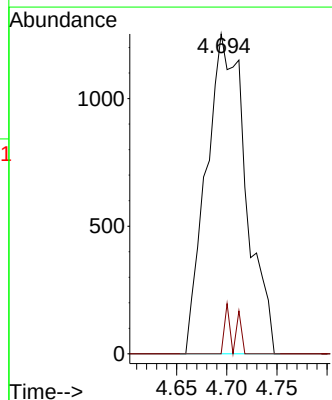
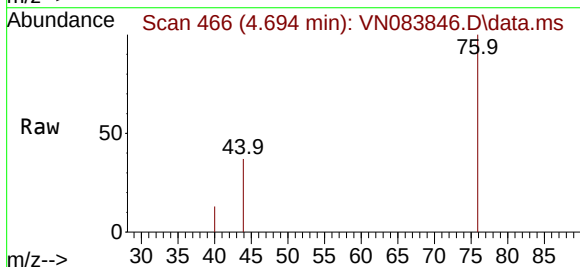


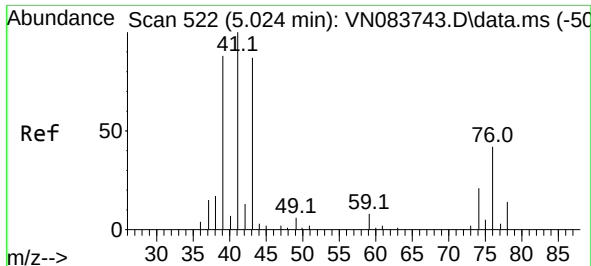
Tgt Ion: 53 Resp: 123
Ion Ratio Lower Upper
53 100
52 115.4 66.1 99.1#
51 0.0 29.6 44.4#



#17
Carbon Disulfide
Concen: 1.024 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 76 Resp: 3430
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

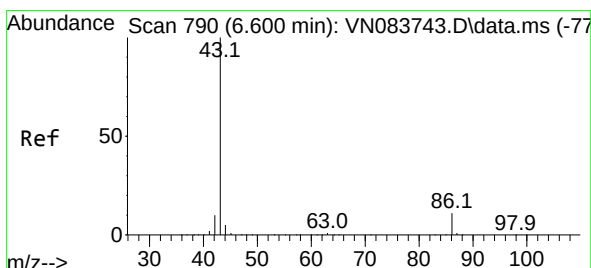
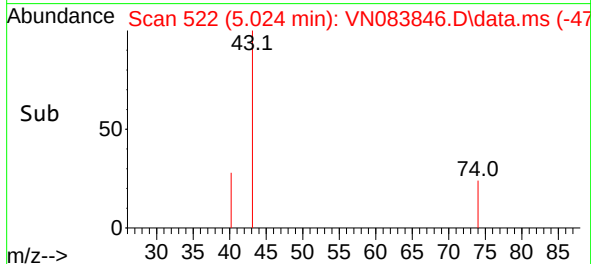
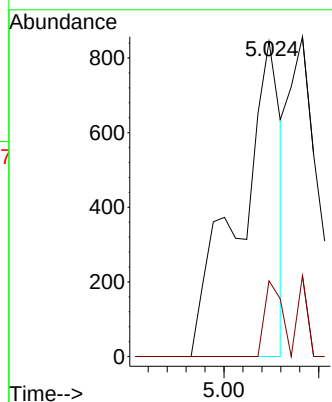
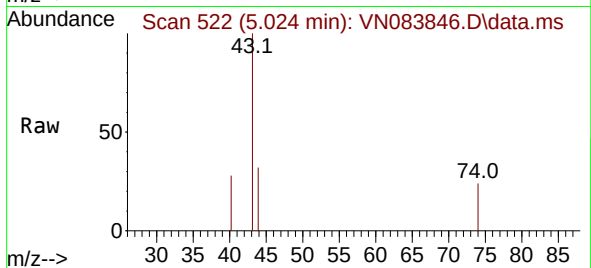
VN0912WBL02

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

74 9.7 19.0 28.4#



#23

Vinyl Acetate

Concen: 0.314 ug/l

RT: 6.594 min Scan# 789

Delta R.T. -0.006 min

Lab File: VN083846.D

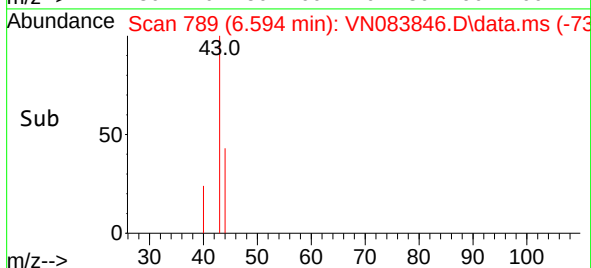
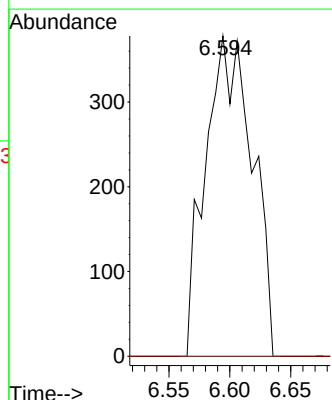
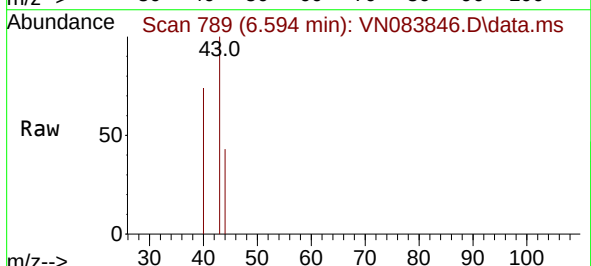
Acq: 13 Sep 2024 01:49

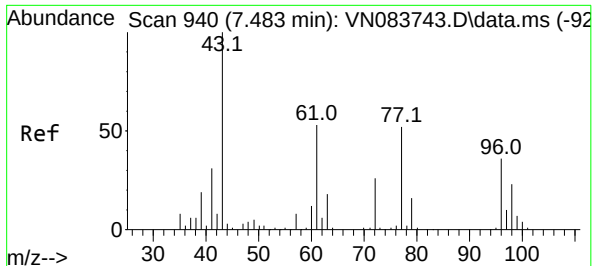
Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

86 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.250 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

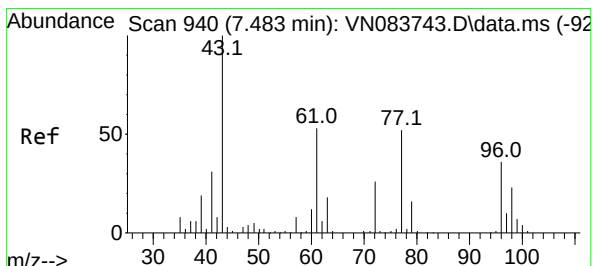
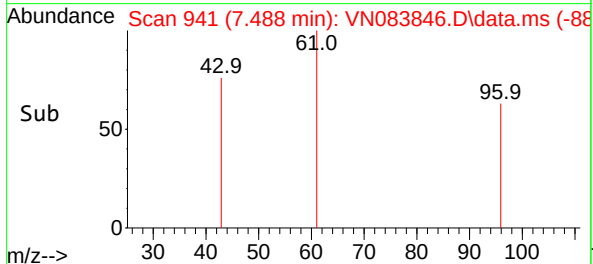
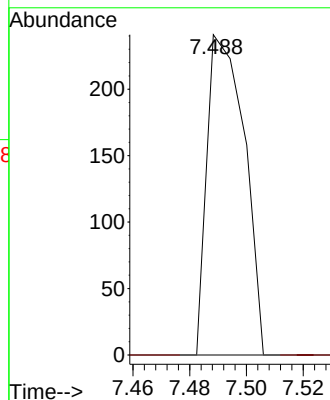
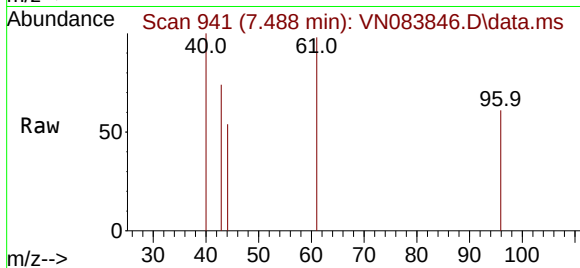
VN0912WBL02

Tgt Ion: 43 Resp: 220

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#27

cis-1,2-Dichloroethene

Concen: 0.242 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083846.D

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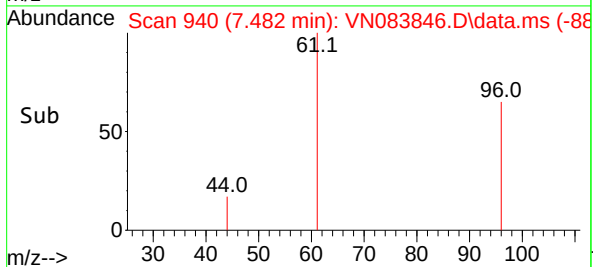
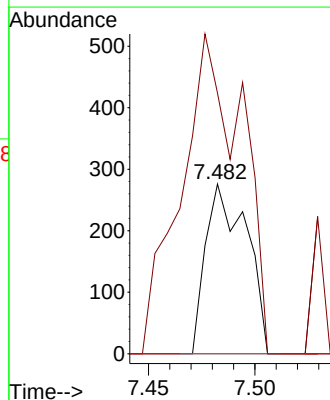
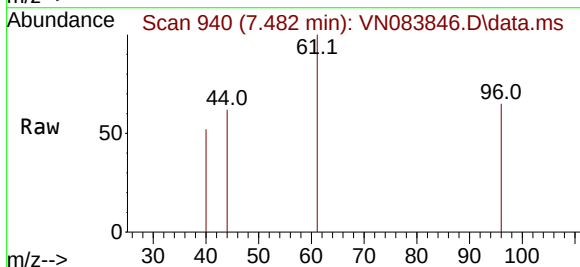
Tgt Ion: 96 Resp: 368

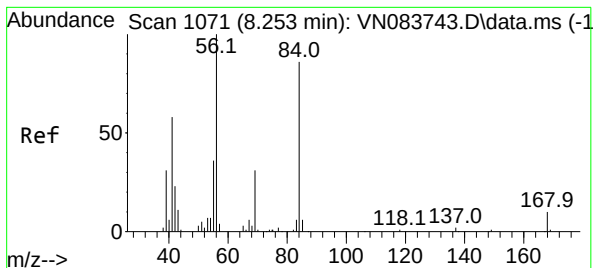
Ion Ratio Lower Upper

96 100

61 281.5 0.0 306.2

98 0.0 0.0 128.6





#31

Cyclohexane

Concen: 1.320 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN083846.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

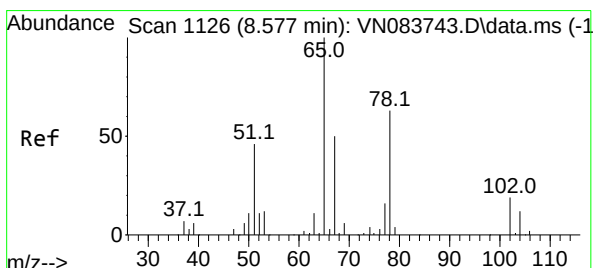
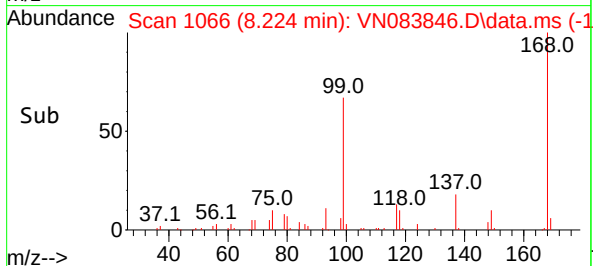
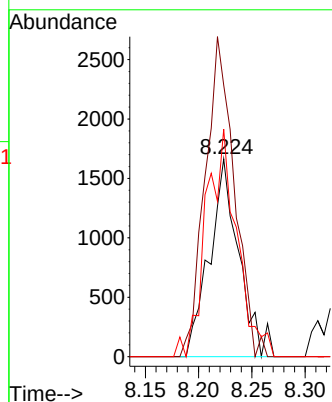
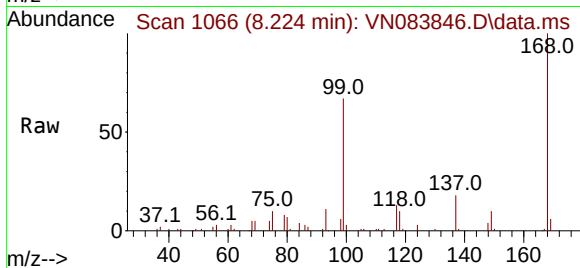
Tgt Ion: 56 Resp: 3185

Ion Ratio Lower Upper

56 100

69 137.3 26.9 40.3#

84 115.1 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 54.430 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083846.D

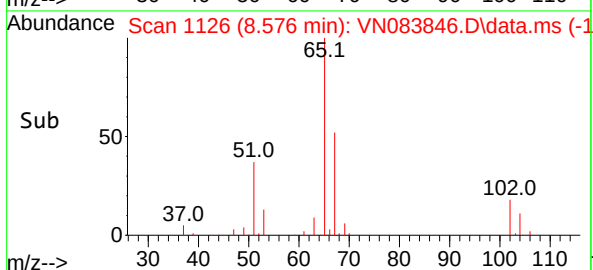
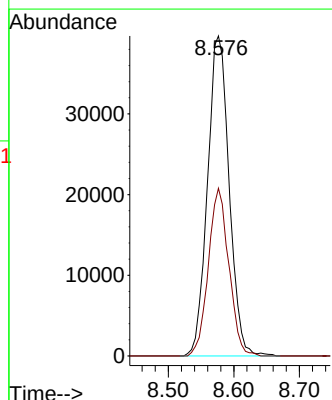
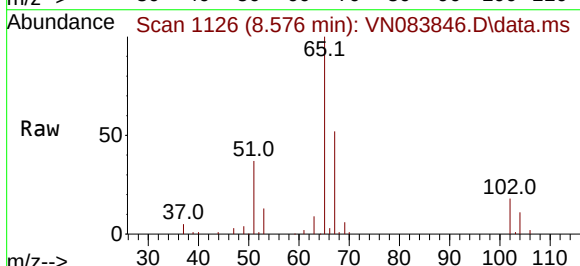
Acq: 13 Sep 2024 01:49

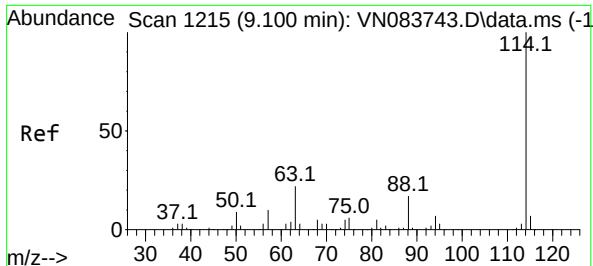
Tgt Ion: 65 Resp: 90880

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

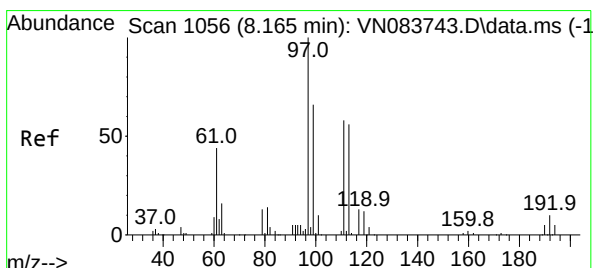
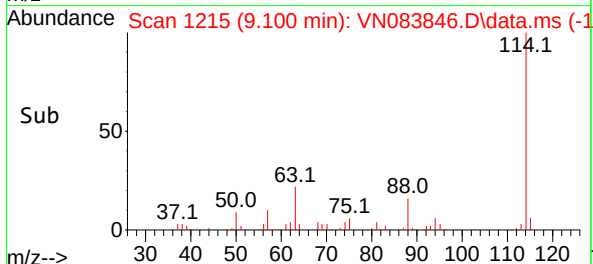
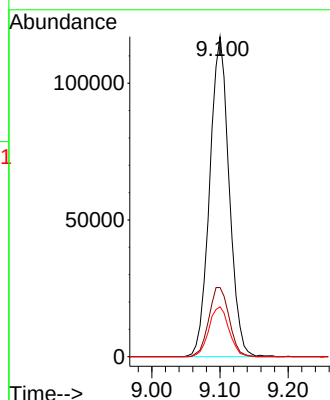
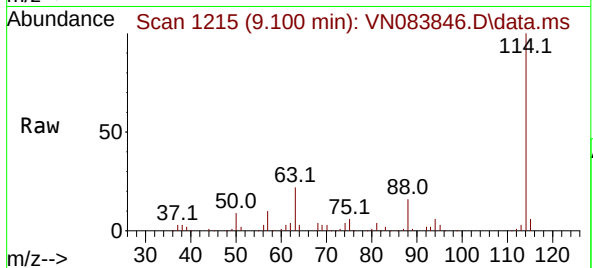
Tgt Ion:114 Resp: 232293

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.274 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

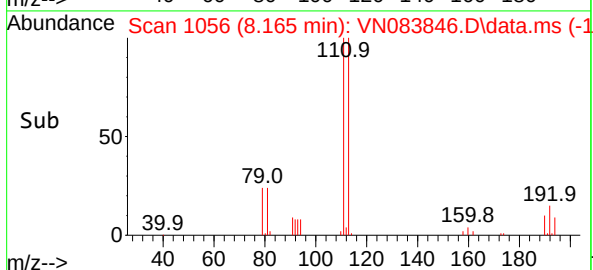
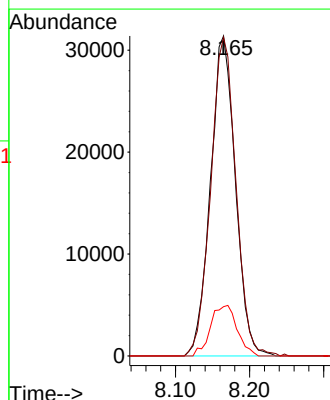
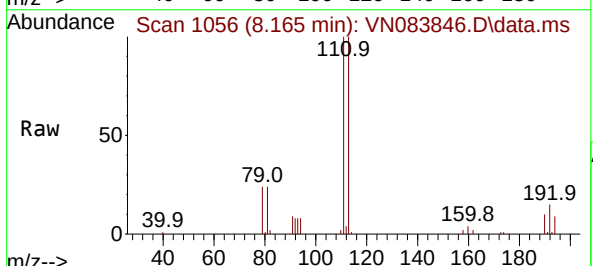
Tgt Ion:113 Resp: 73276

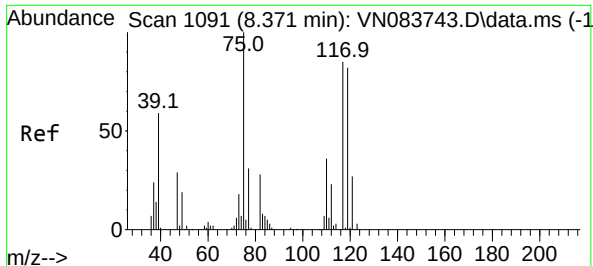
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 0.514 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

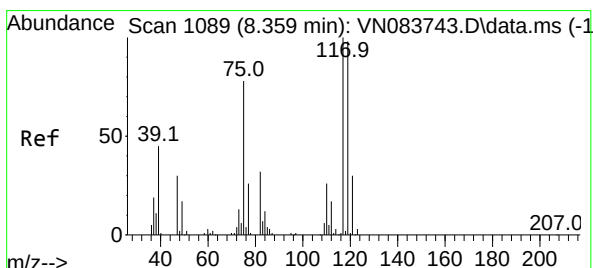
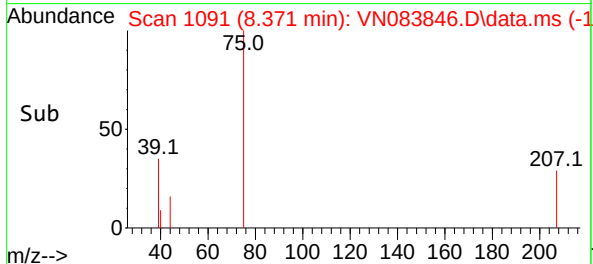
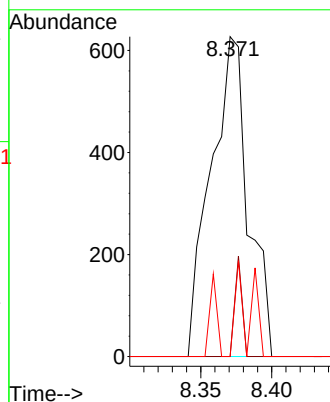
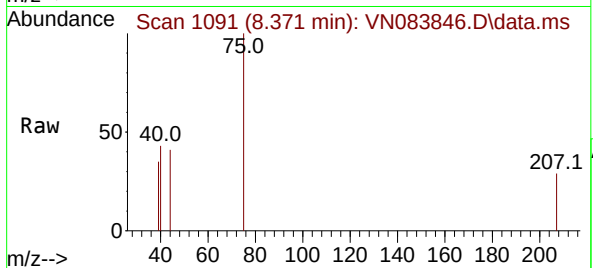
Tgt Ion: 75 Resp: 1151

Ion Ratio Lower Upper

75 100

110 6.0 16.7 50.1#

77 11.1 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.173 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

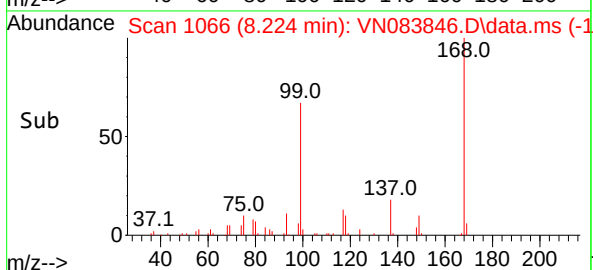
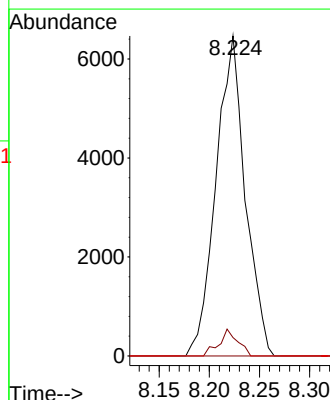
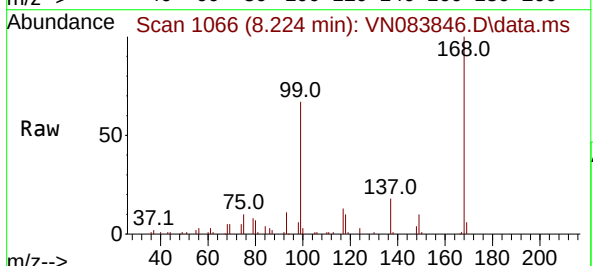
Tgt Ion: 117 Resp: 13135

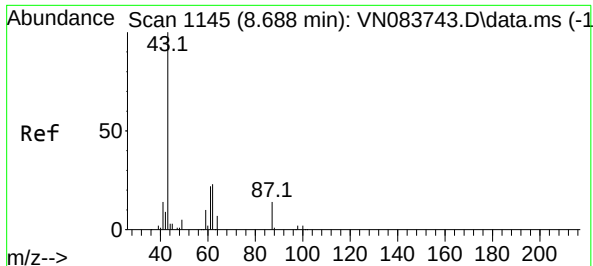
Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

121 0.0 24.1 36.1#

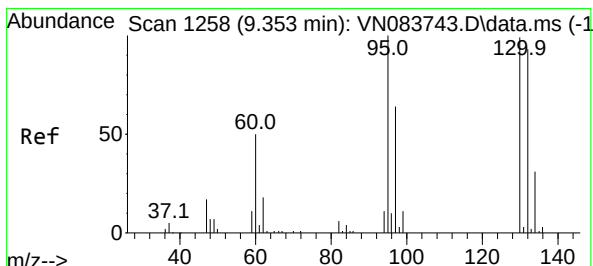
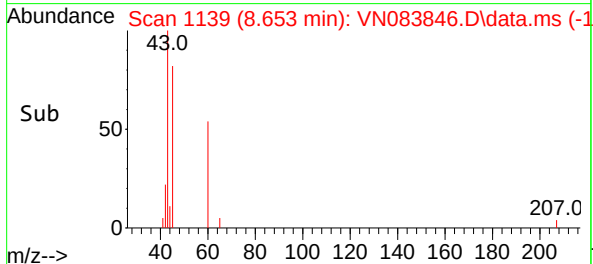
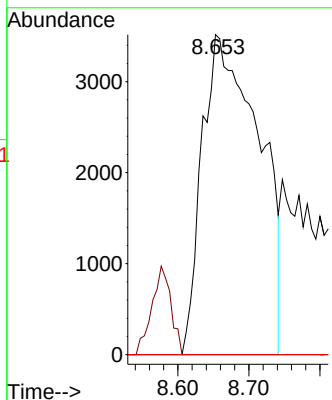
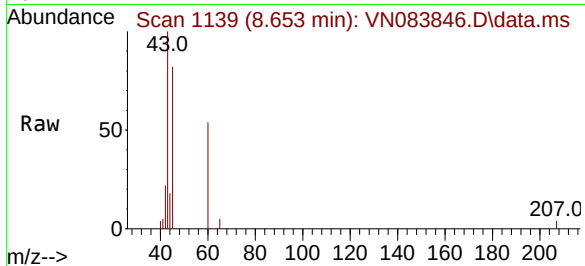




#43
Isopropyl Acetate
Concen: 5.304 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

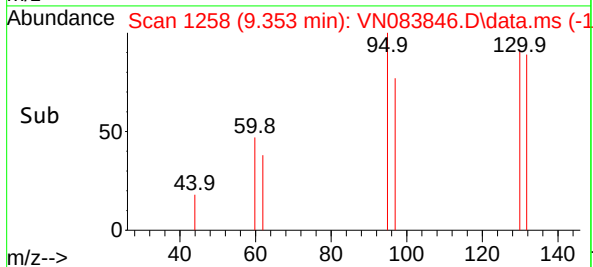
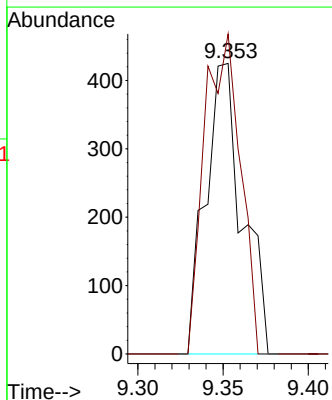
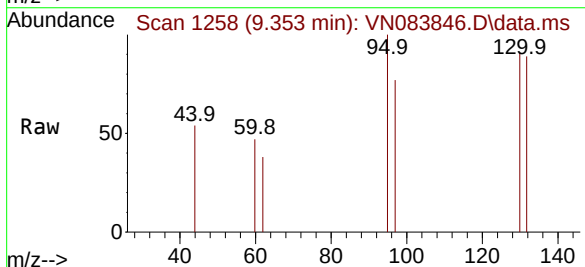
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

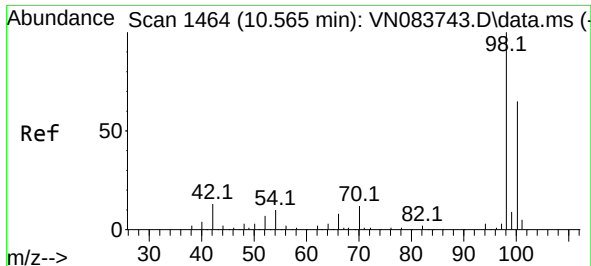
Tgt Ion: 43 Resp: 19528
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 0.410 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 130 Resp: 640
Ion Ratio Lower Upper
130 100
95 110.1 0.0 200.4

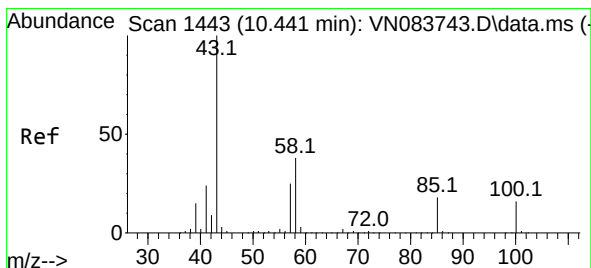
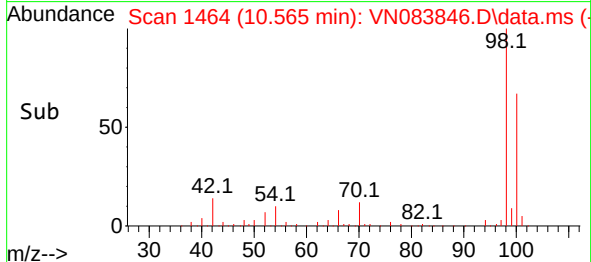
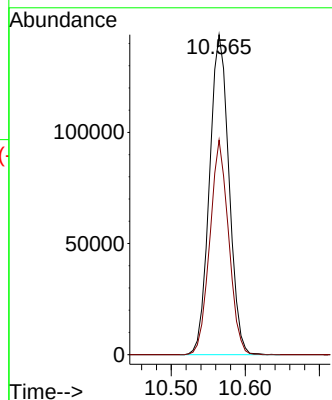
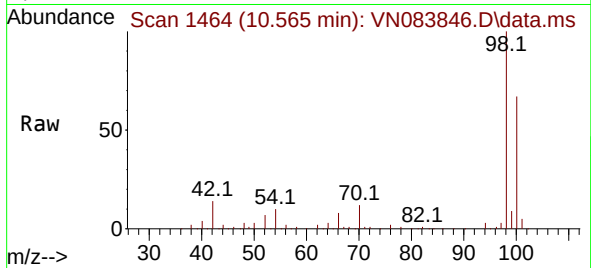




#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

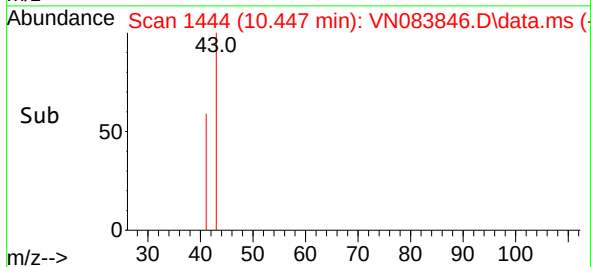
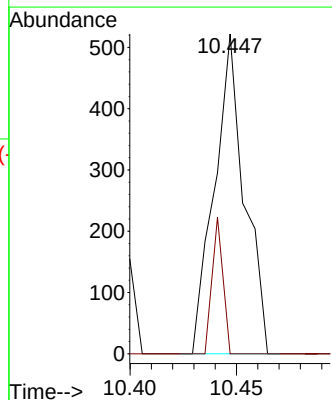
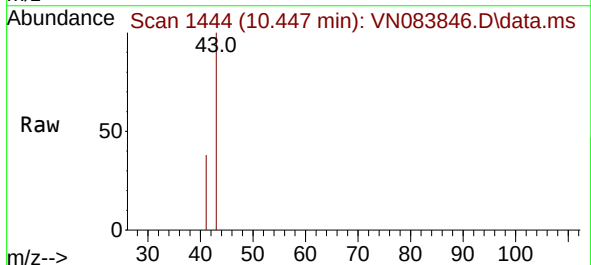
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

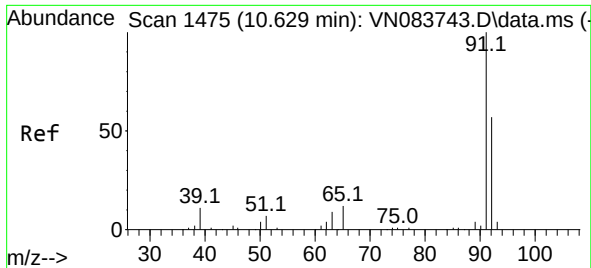
Tgt Ion: 98 Resp: 263259
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.255 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 15.4 31.6 47.4#





#52

Toluene

Concen: 0.295 ug/l

RT: 10.635 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

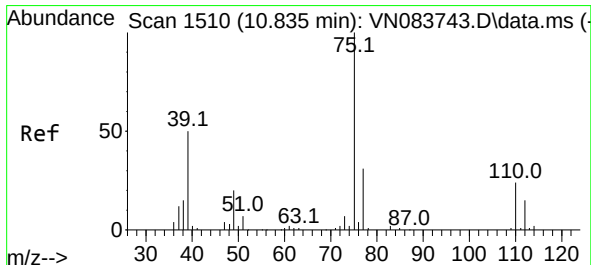
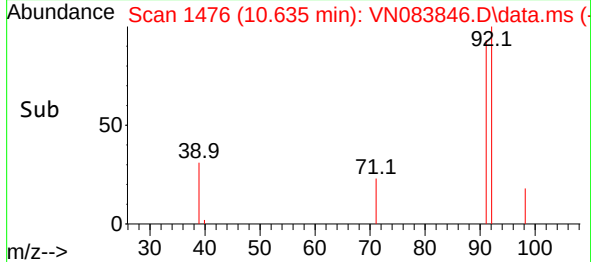
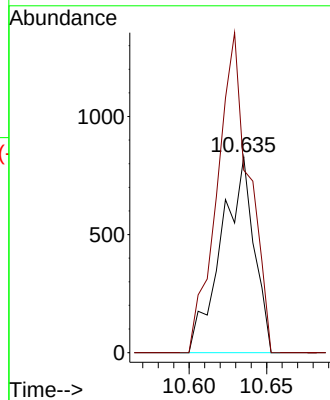
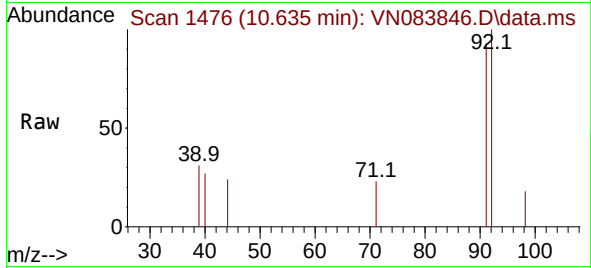
VN0912WBL02

Tgt Ion: 92 Resp: 1216

Ion Ratio Lower Upper

92 100

91 160.6 134.7 202.1



#53

t-1,3-Dichloropropene

Concen: 0.646 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083846.D

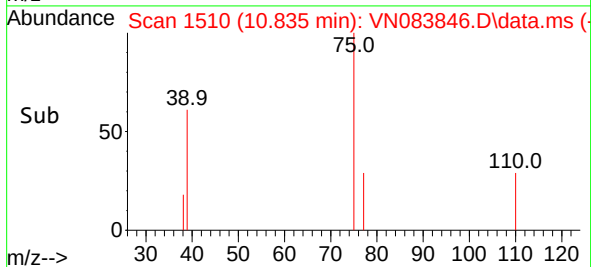
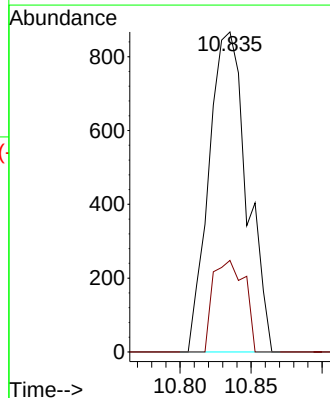
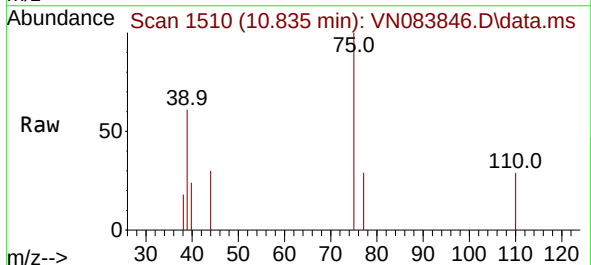
Acq: 13 Sep 2024 01:49

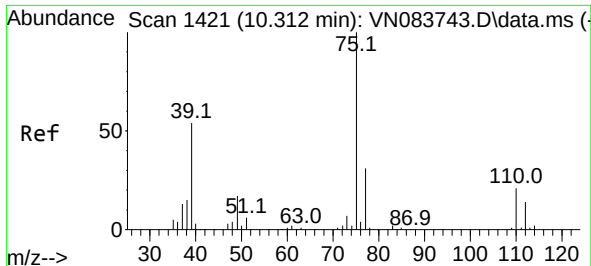
Tgt Ion: 75 Resp: 1615

Ion Ratio Lower Upper

75 100

77 28.6 25.8 38.6

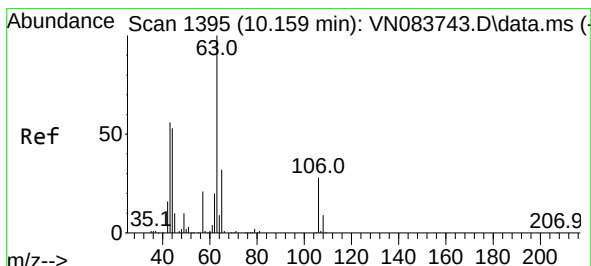
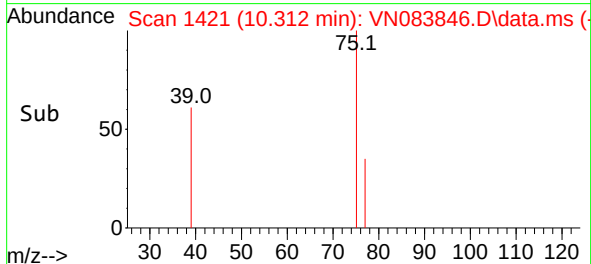
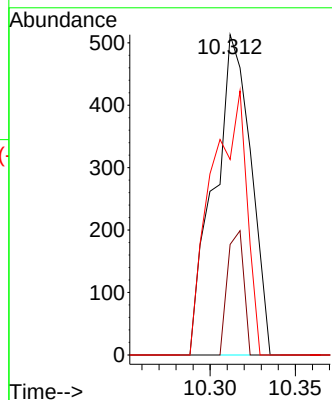
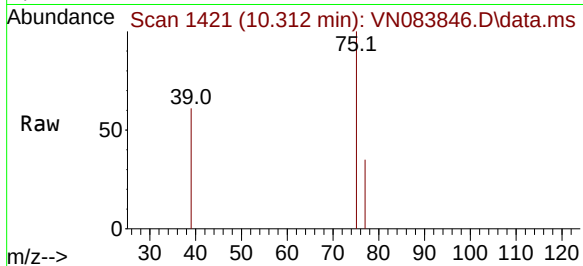




#54
 cis-1,3-Dichloropropene
 Concen: 0.293 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083846.D
 Acq: 13 Sep 2024 01:49

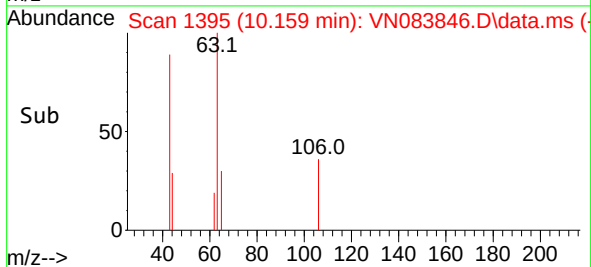
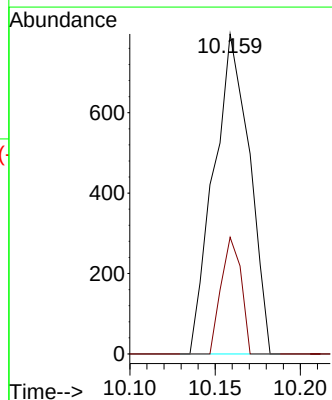
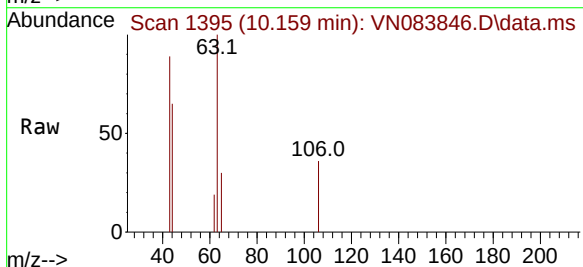
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL02

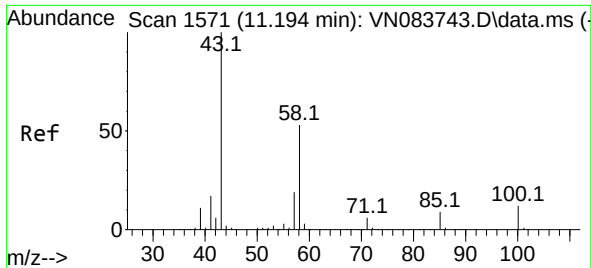
Tgt Ion:	75	Resp:	769
Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.0	37.6
39	61.0	42.6	64.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.360 ug/l
 RT: 10.159 min Scan# 1395
 Delta R.T. -0.000 min
 Lab File: VN083846.D
 Acq: 13 Sep 2024 01:49

Tgt Ion:	63	Resp:	1160
Ion	Ratio	Lower	Upper
63	100		
106	20.3	23.3	34.9#

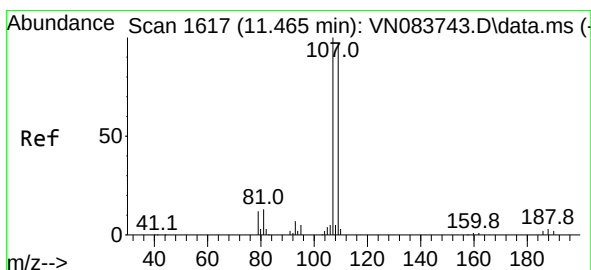
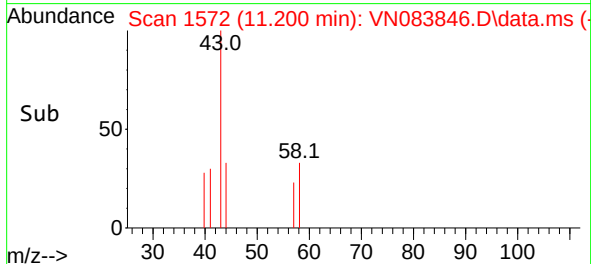
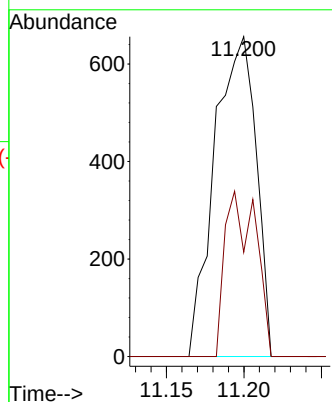
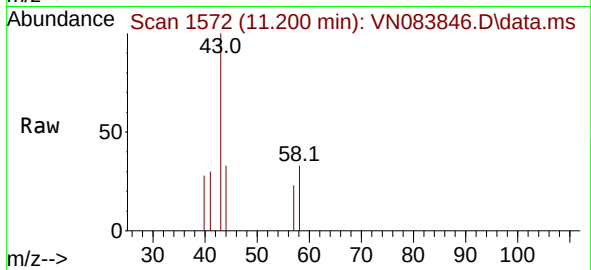




#59
2-Hexanone
Concen: 0.824 ug/l
RT: 11.200 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

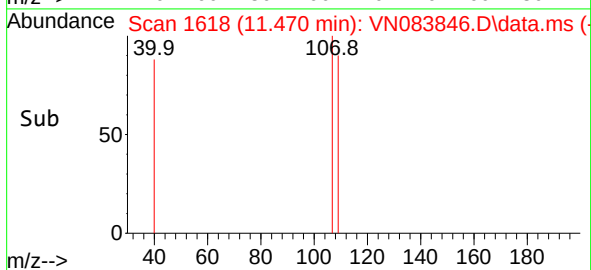
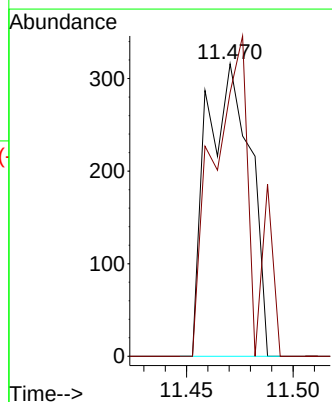
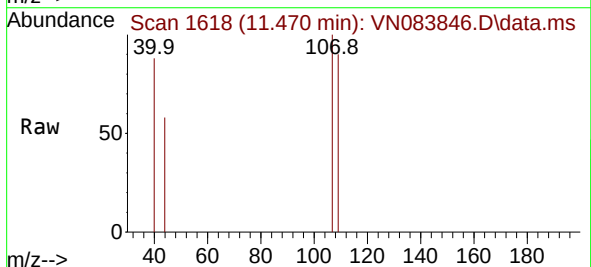
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

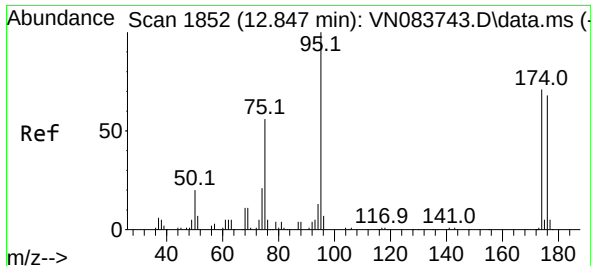
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 38.1 27.2 81.5



#61
1,2-Dibromoethane
Concen: 0.293 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 107 Resp: 449
Ion Ratio Lower Upper
107 100
109 97.8 75.6 113.4

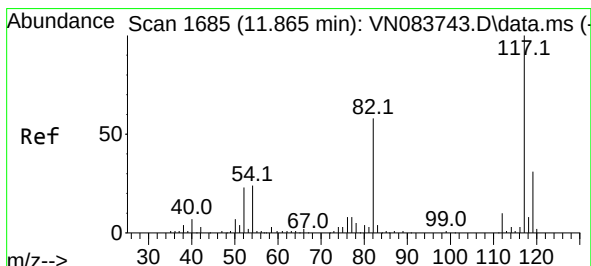
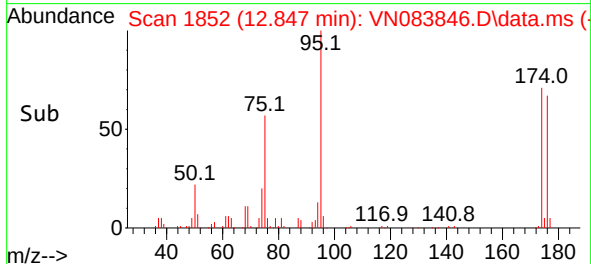
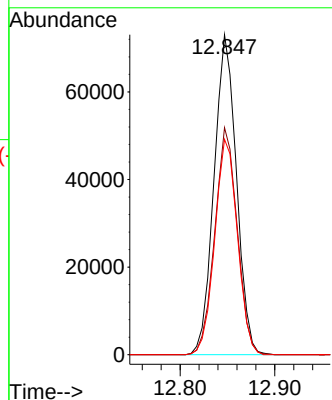
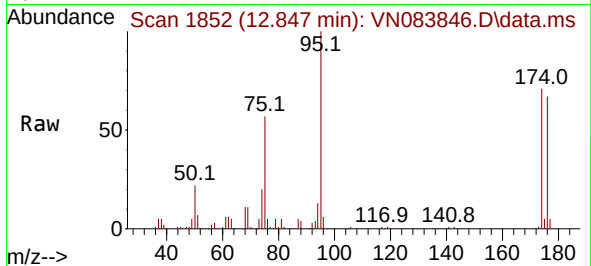




#62
4-Bromofluorobenzene
Concen: 56.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

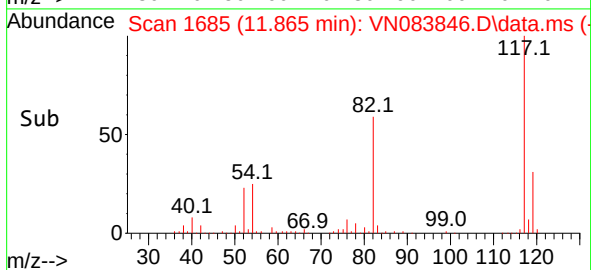
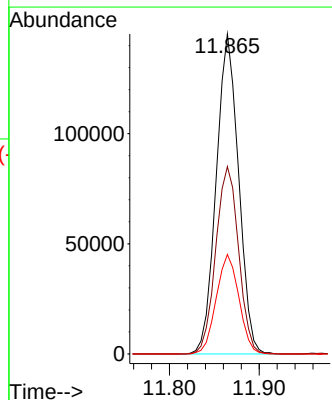
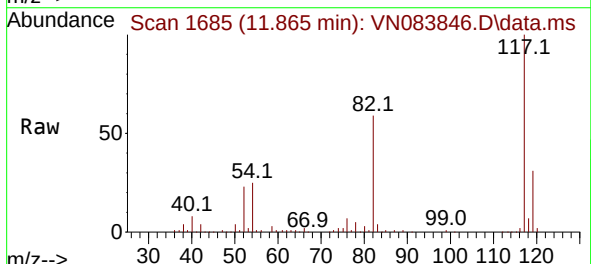
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

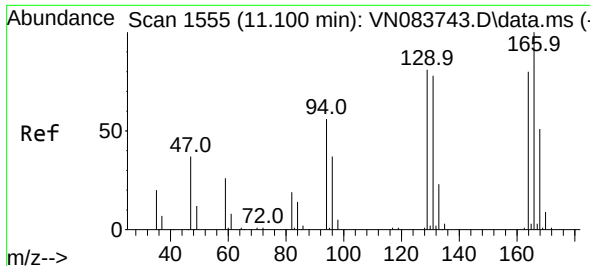
Tgt Ion: 95 Resp: 120166
Ion Ratio Lower Upper
95 100
174 71.1 0.0 139.8
176 68.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 117 Resp: 251239
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.1 26.3 39.5

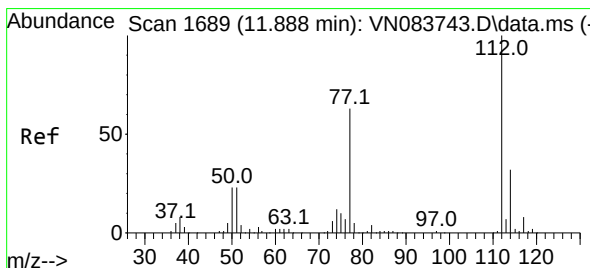
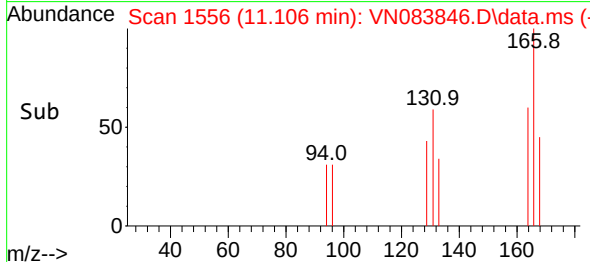
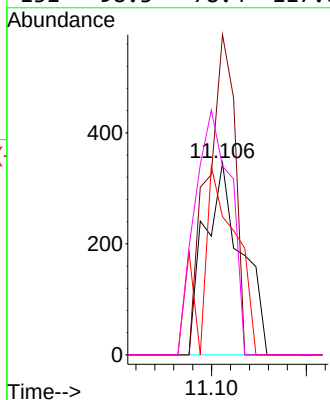
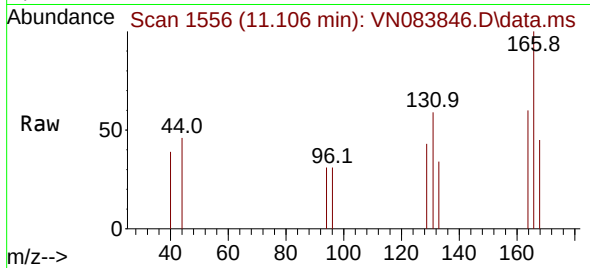




#64
Tetrachloroethene
Concen: 0.281 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

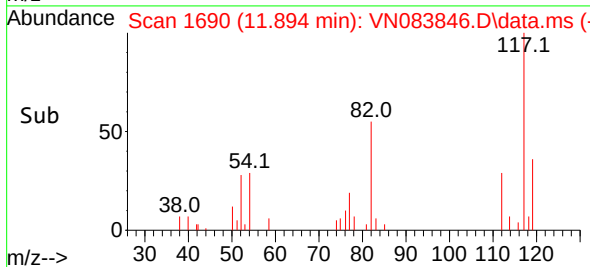
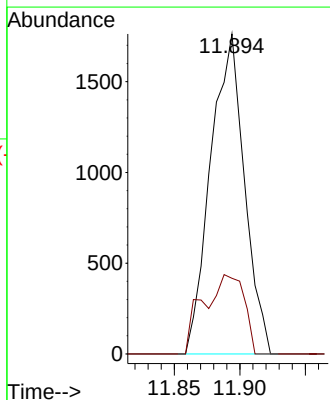
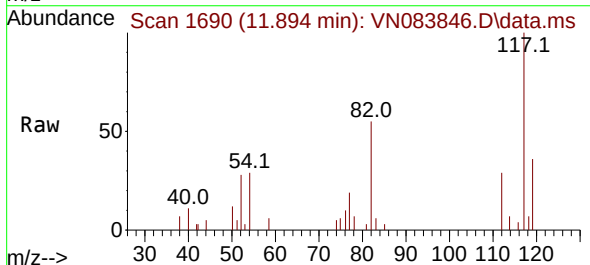
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

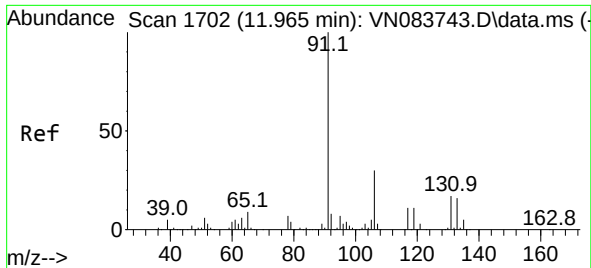
Tgt Ion:164 Resp: 470
Ion Ratio Lower Upper
164 100
166 166.8 103.7 155.5#
129 72.0 79.9 119.9#
131 98.3 78.4 117.6



#65
Chlorobenzene
Concen: 0.566 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion:112 Resp: 3162
Ion Ratio Lower Upper
112 100
114 23.7 25.7 38.5#

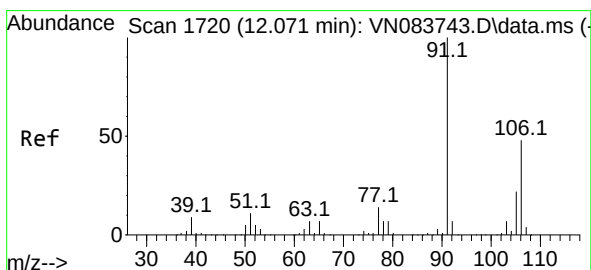
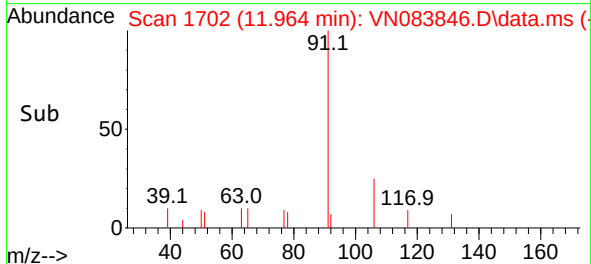
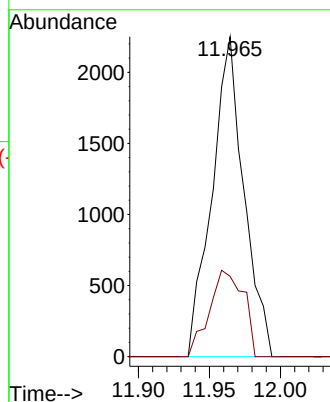
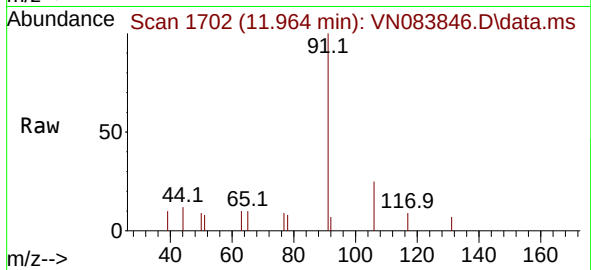




#67
Ethyl Benzene
Concen: 0.354 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

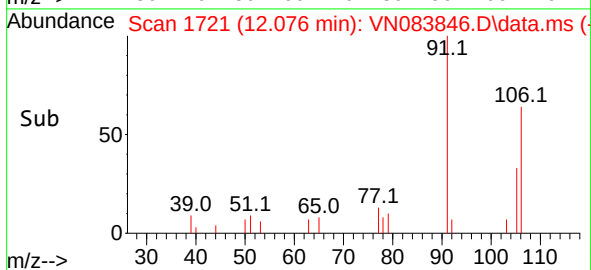
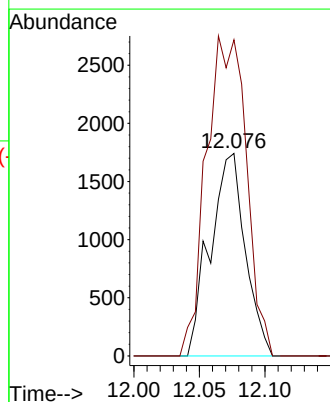
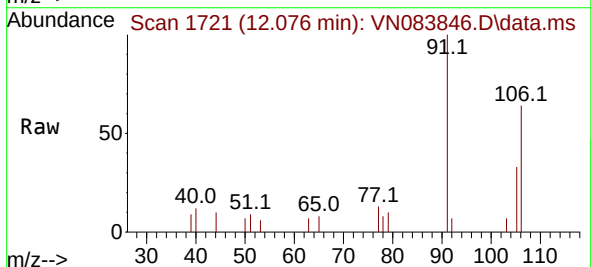
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

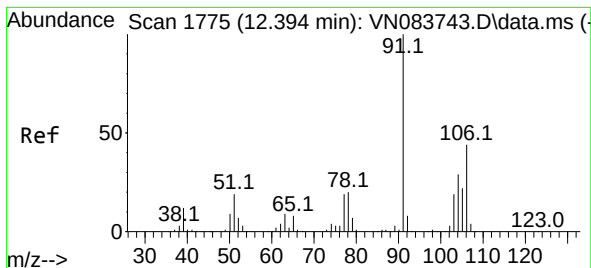
Tgt Ion: 91 Resp: 3516
Ion Ratio Lower Upper
91 100
106 25.1 24.3 36.5



#68
m/p-Xylenes
Concen: 0.882 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 106 Resp: 3250
Ion Ratio Lower Upper
106 100
91 179.7 169.2 253.8





#69

o-Xylene

Concen: 0.229 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

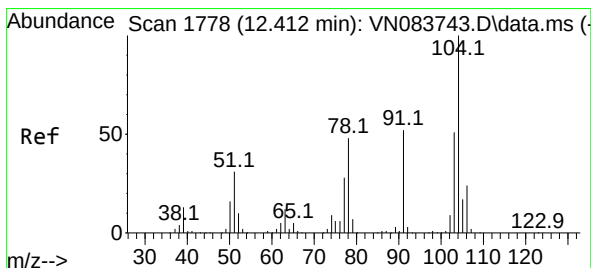
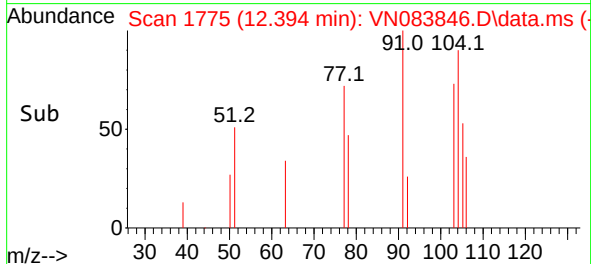
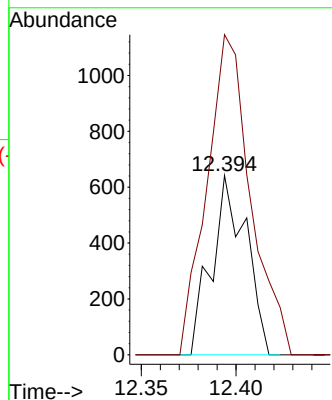
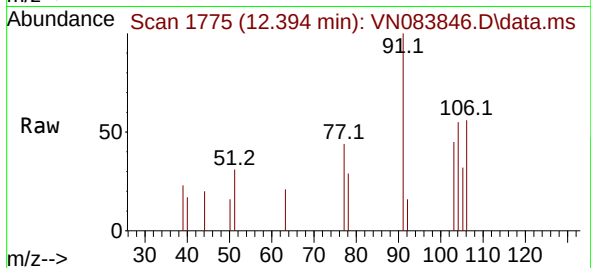
VN0912WBL02

Tgt Ion:106 Resp: 817

Ion Ratio Lower Upper

106 100

91 225.6 112.9 338.6



#70

Styrene

Concen: 0.572 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

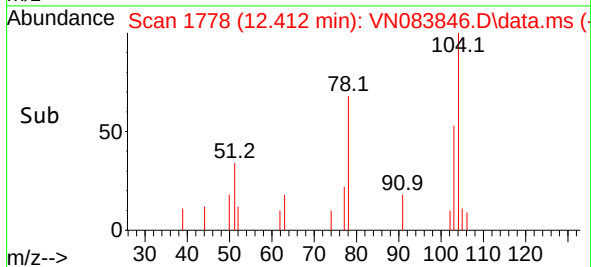
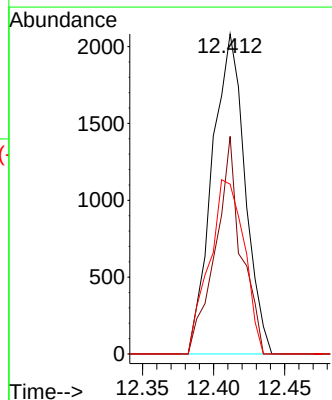
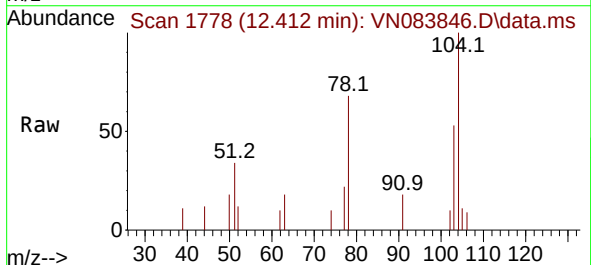
Tgt Ion:104 Resp: 3348

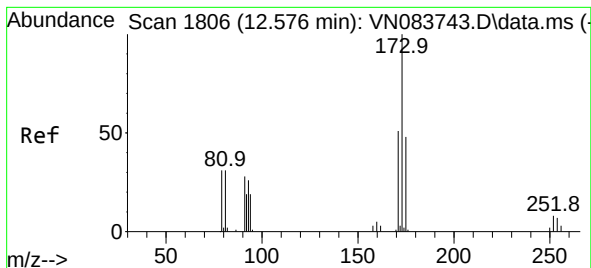
Ion Ratio Lower Upper

104 100

78 53.3 43.3 64.9

103 57.7 43.4 65.2





#71

Bromoform

Concen: 0.205 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

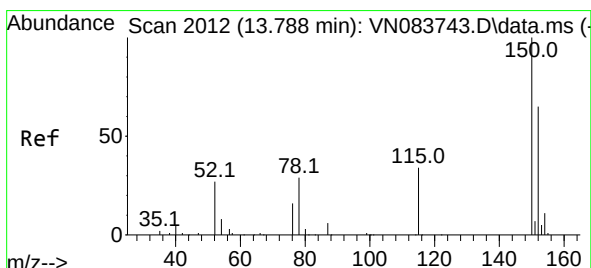
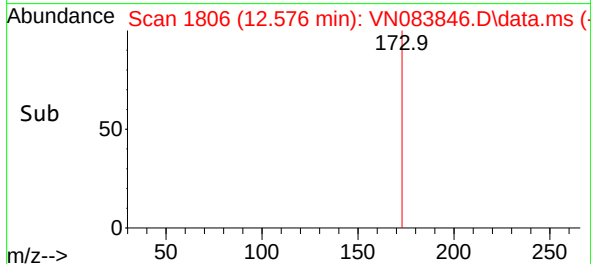
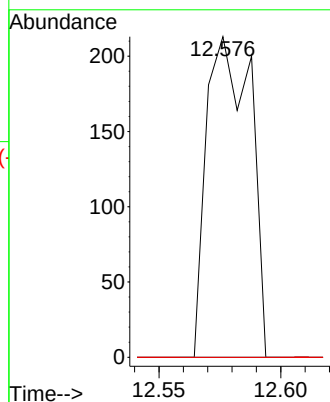
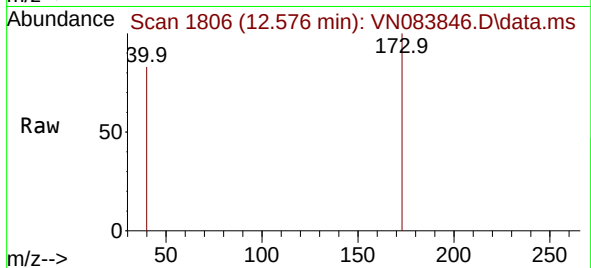
Tgt Ion:173 Resp: 267

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

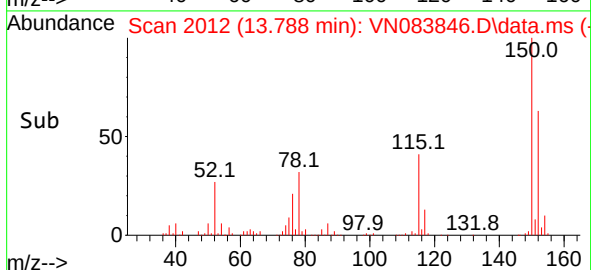
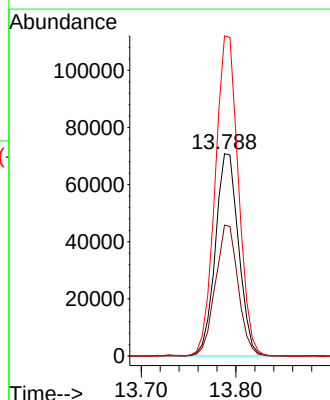
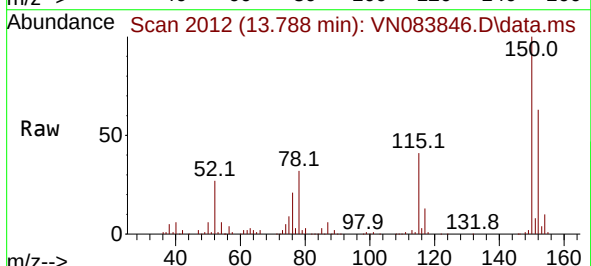
Tgt Ion:152 Resp: 120487

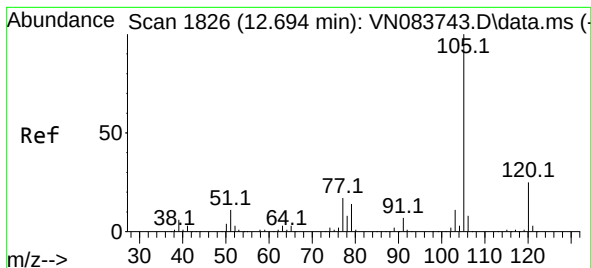
Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 158.7 0.0 348.6





#73

Isopropylbenzene

Concen: 0.309 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

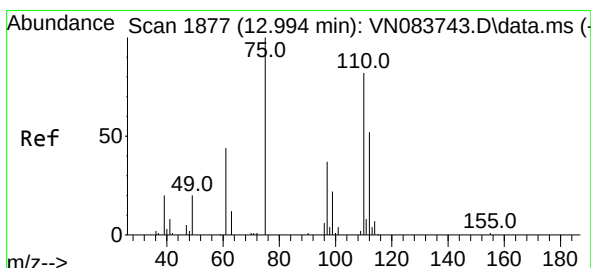
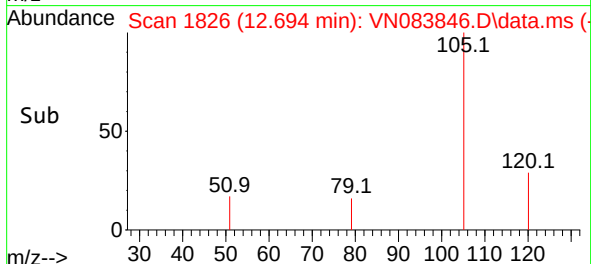
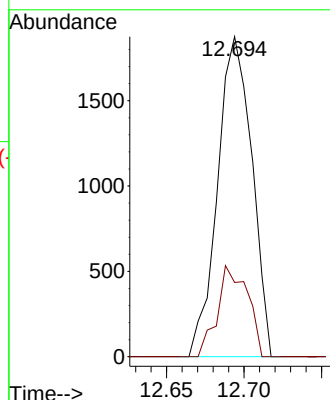
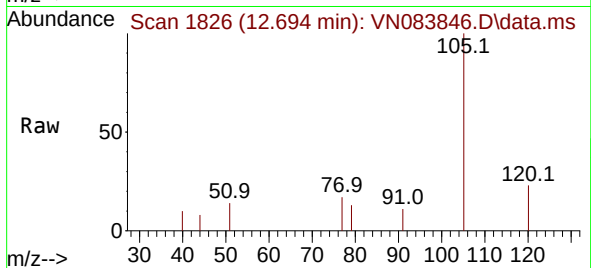
VN0912WBL02

Tgt Ion:105 Resp: 2883

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



#76

1,2,3-Trichloropropane

Concen: 28.490 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083846.D

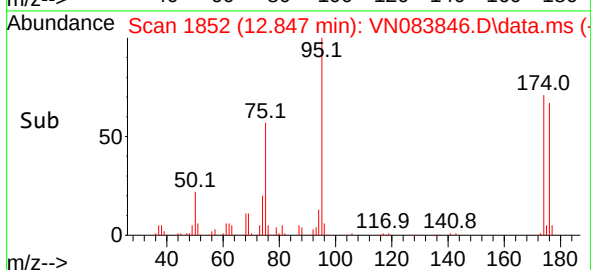
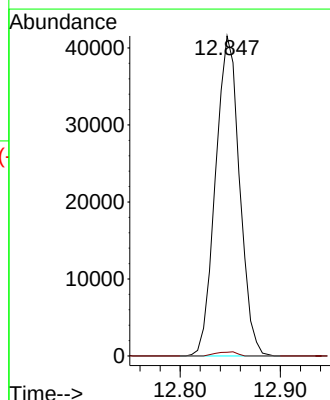
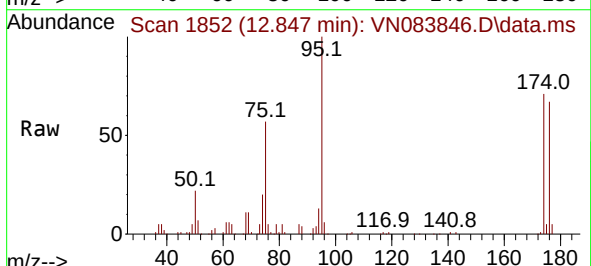
Acq: 13 Sep 2024 01:49

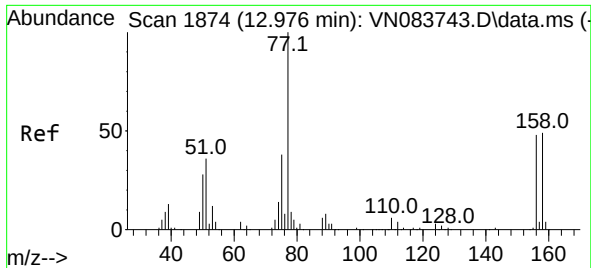
Tgt Ion: 75 Resp: 69264

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#

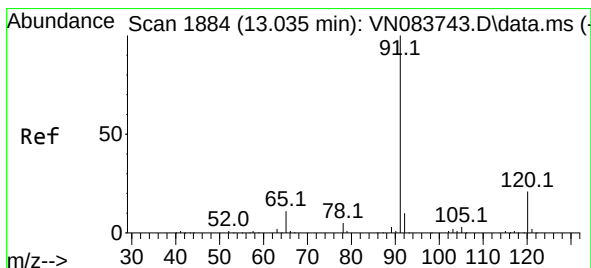
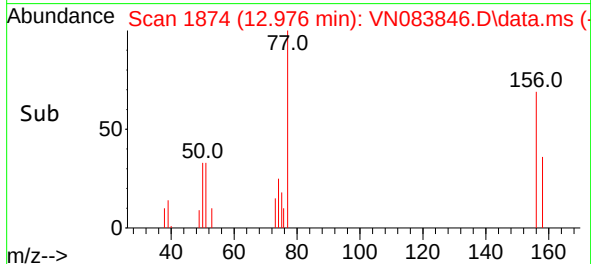
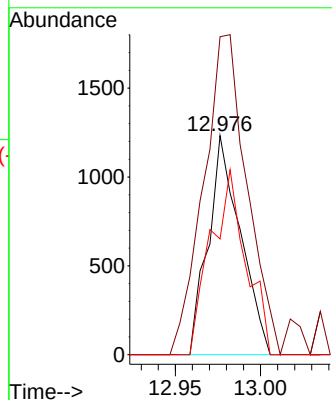
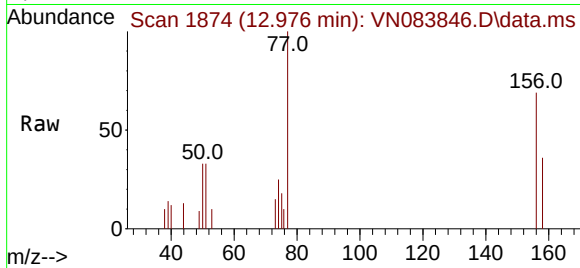




#77
Bromobenzene
Concen: 0.721 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

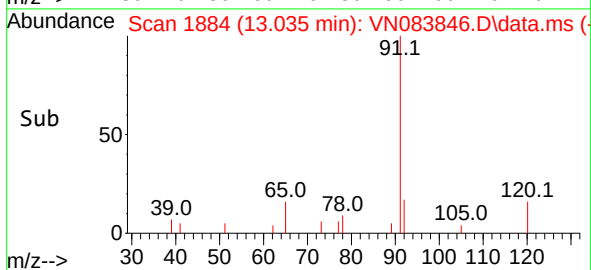
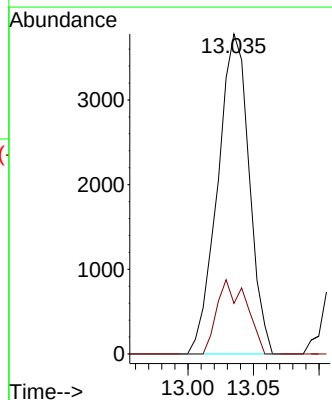
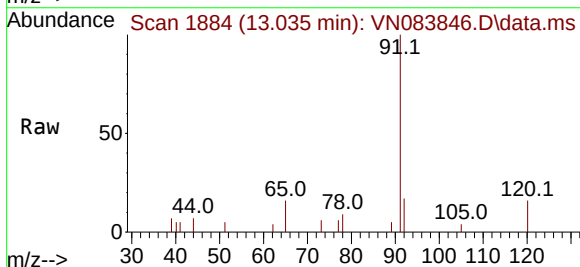
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

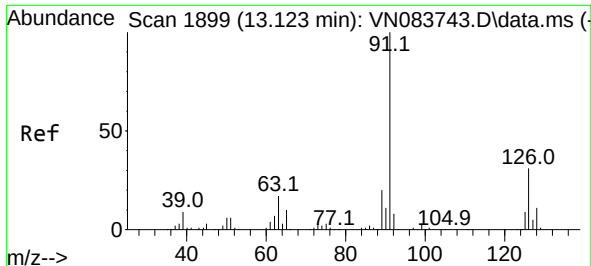
Tgt Ion:156 Resp: 1618
Ion Ratio Lower Upper
156 100
77 197.0 114.3 343.1
158 92.2 48.9 146.7



#78
n-propylbenzene
Concen: 0.582 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 91 Resp: 6311
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 0.539 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

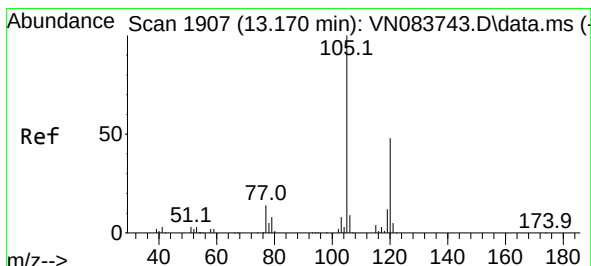
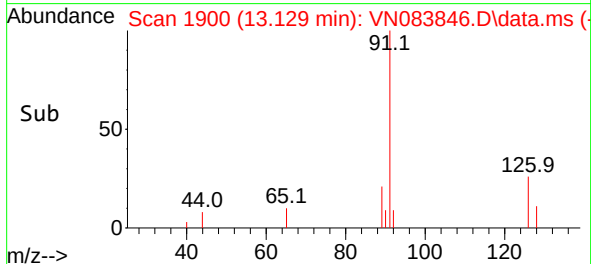
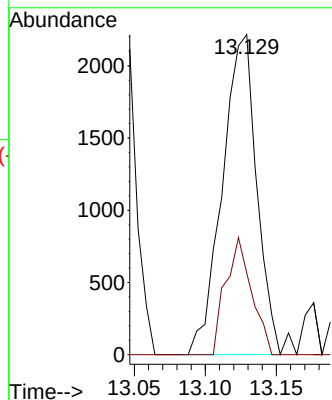
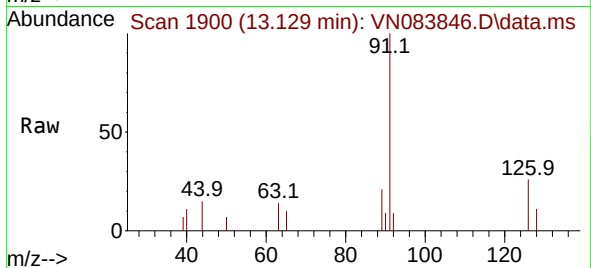
VN0912WBL02

Tgt Ion: 91 Resp: 3730

Ion Ratio Lower Upper

91 100

126 27.7 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 0.354 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083846.D

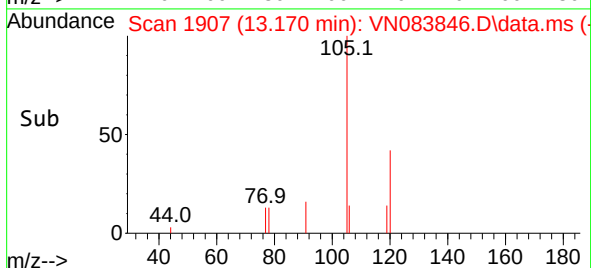
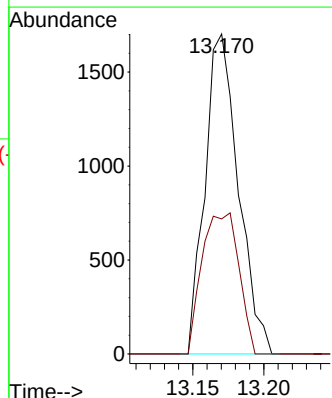
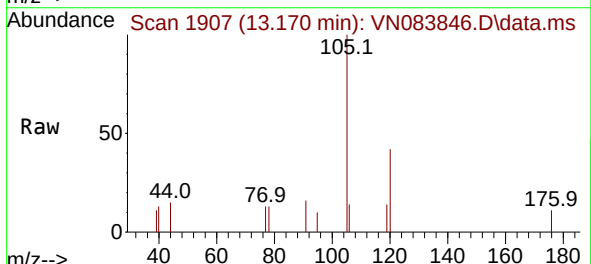
Acq: 13 Sep 2024 01:49

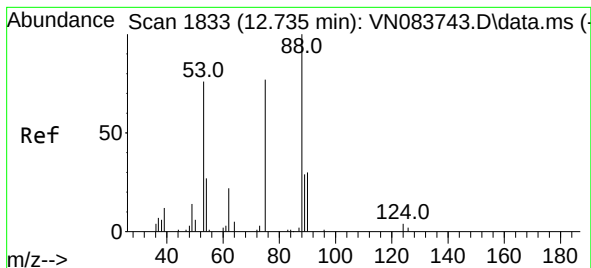
Tgt Ion: 105 Resp: 2782

Ion Ratio Lower Upper

105 100

120 48.5 23.4 70.3

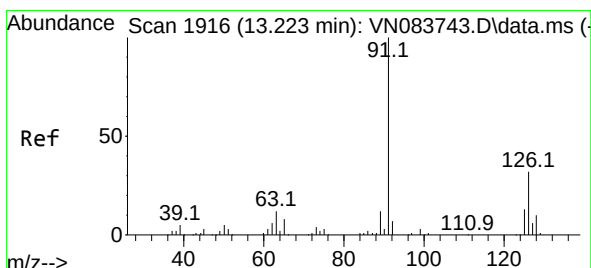
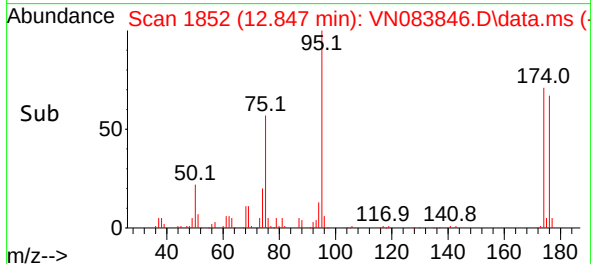
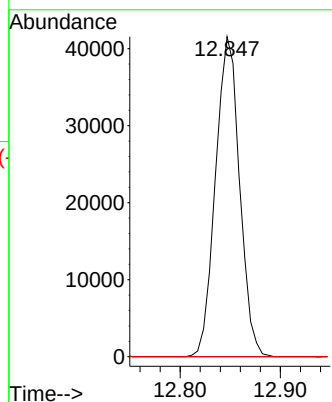
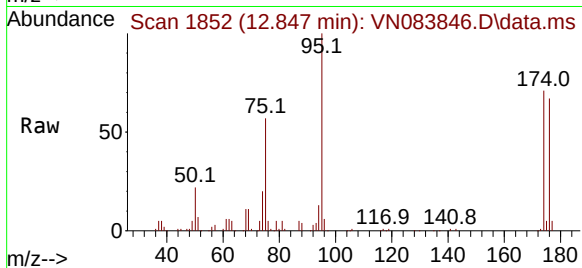




#81
trans-1,4-Dichloro-2-butene
Concen: 74.617 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

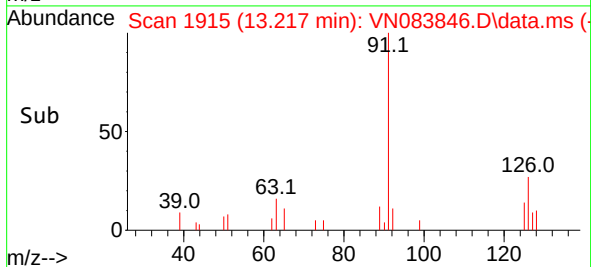
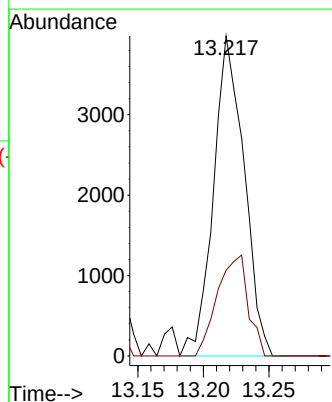
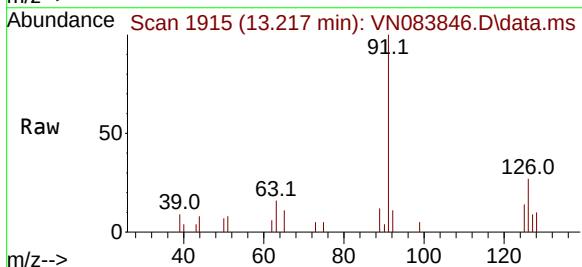
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

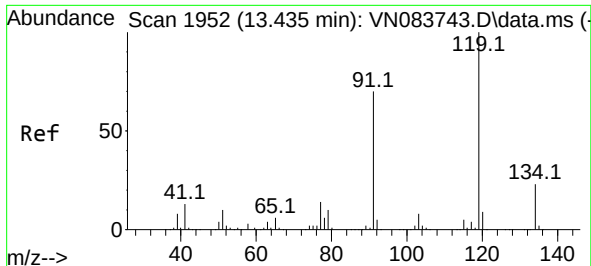
Tgt Ion: 75 Resp: 69264
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#



#82
4-Chlorotoluene
Concen: 0.931 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 91 Resp: 6460
Ion Ratio Lower Upper
91 100
126 31.7 15.4 46.2





#83

tert-Butylbenzene

Concen: 0.381 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

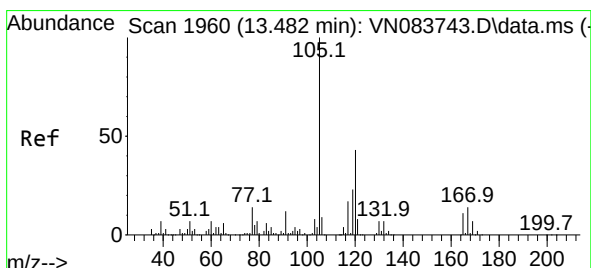
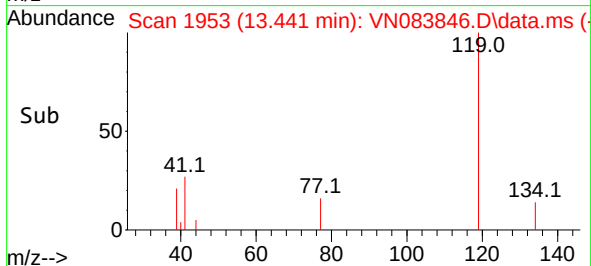
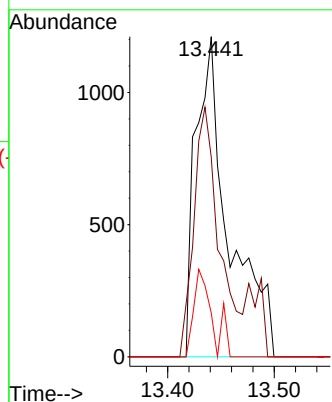
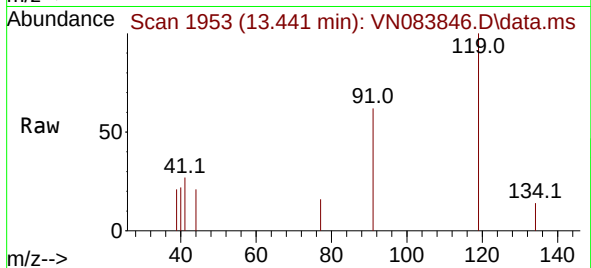
Tgt Ion:119 Resp: 2619

Ion Ratio Lower Upper

119 100

91 60.3 34.5 103.6

134 12.4 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.416 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083846.D

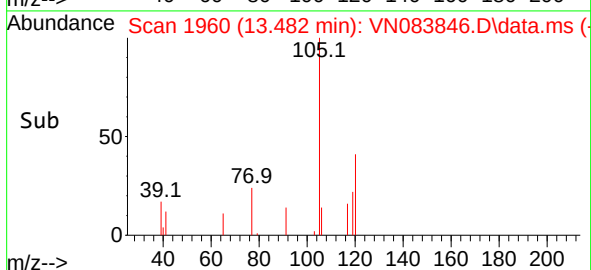
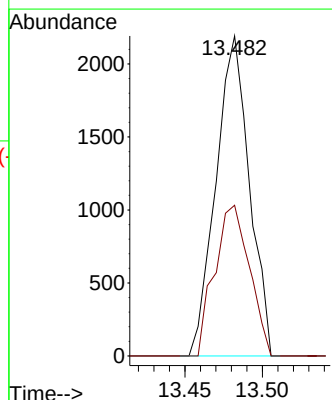
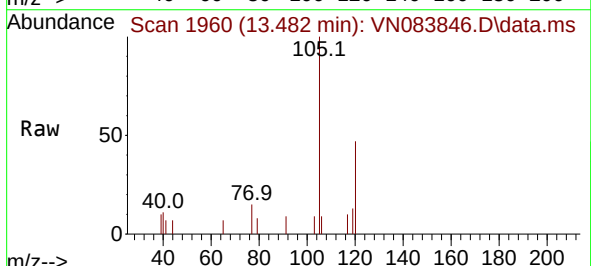
Acq: 13 Sep 2024 01:49

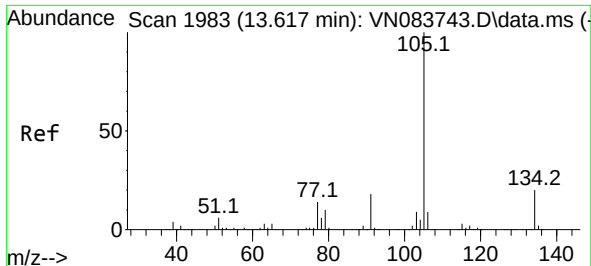
Tgt Ion:105 Resp: 3287

Ion Ratio Lower Upper

105 100

120 49.0 21.8 65.4

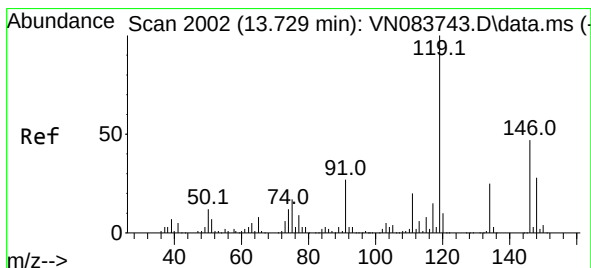
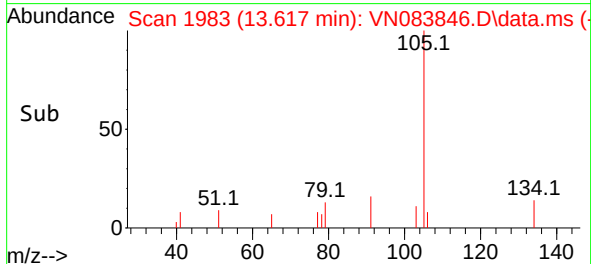
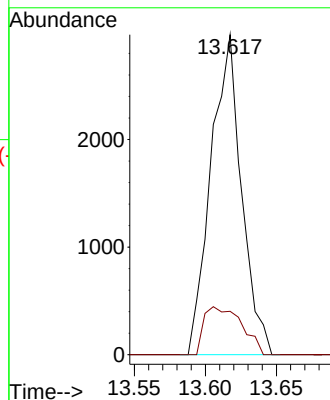
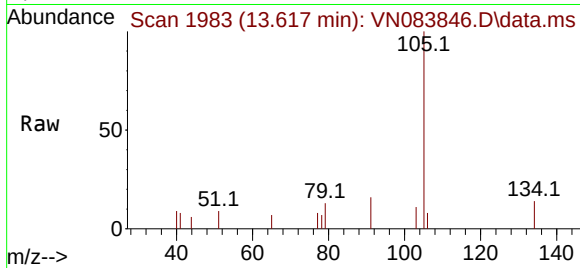




#85
 sec-Butylbenzene
 Concen: 0.489 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083846.D
 Acq: 13 Sep 2024 01:49

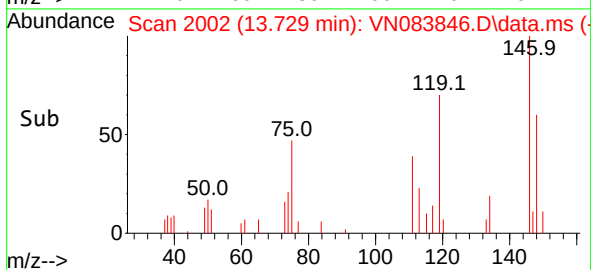
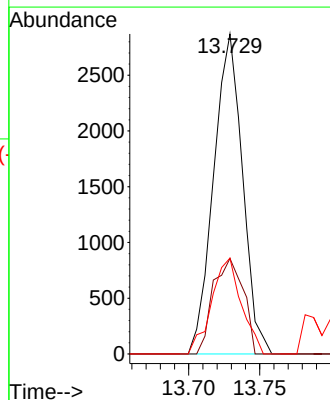
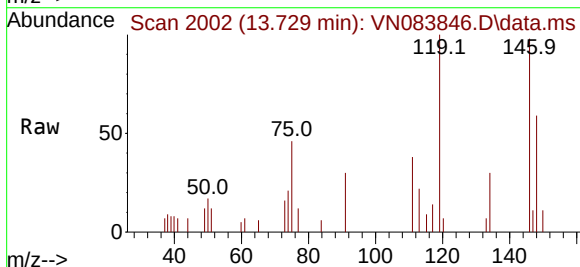
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL02

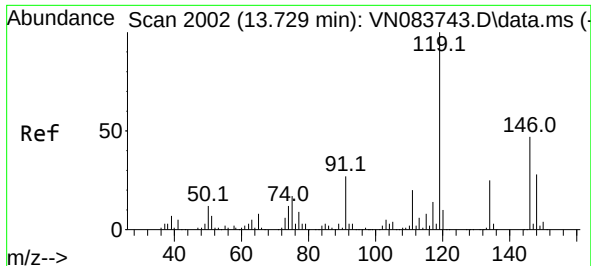
Tgt Ion:105 Resp: 4459
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 0.531 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083846.D
 Acq: 13 Sep 2024 01:49

Tgt Ion:119 Resp: 4062
 Ion Ratio Lower Upper
 119 100
 134 31.0 12.8 38.3
 91 30.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 1.095 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

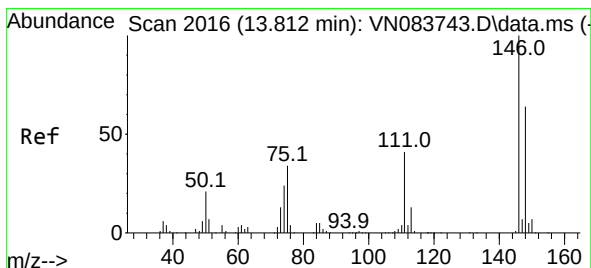
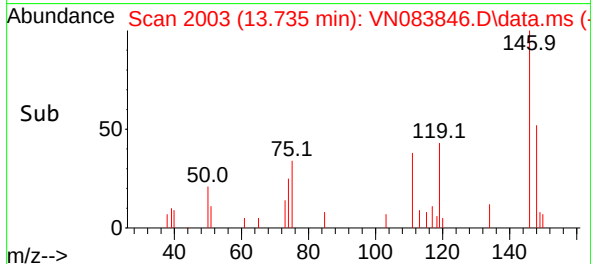
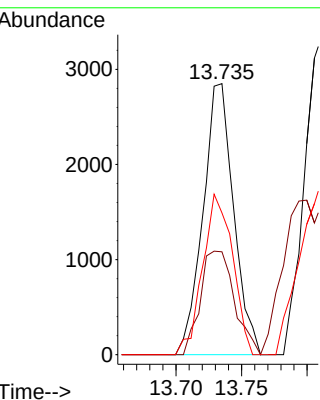
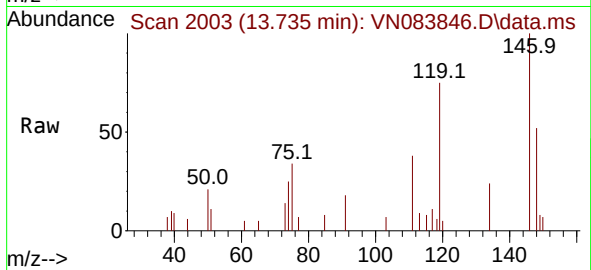
Tgt Ion:146 Resp: 4635

Ion Ratio Lower Upper

146 100

111 42.4 21.7 65.1

148 57.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.081 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.077 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

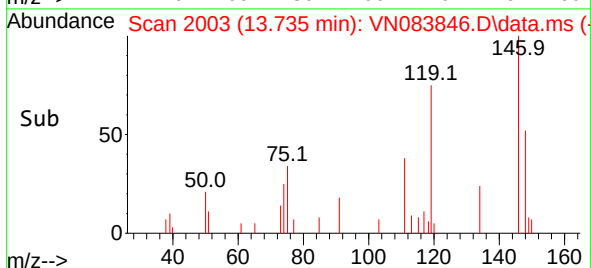
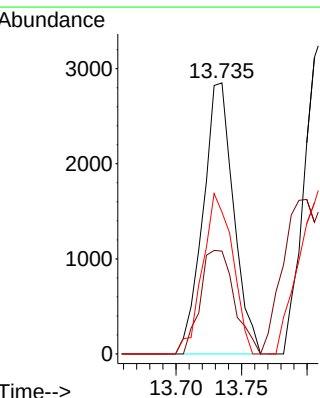
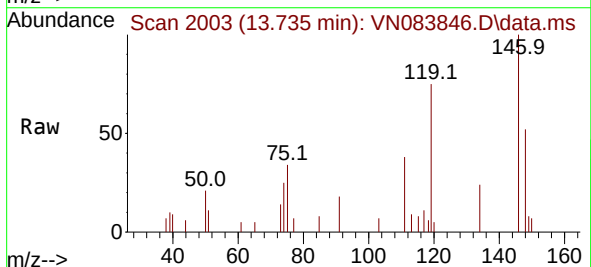
Tgt Ion:146 Resp: 4635

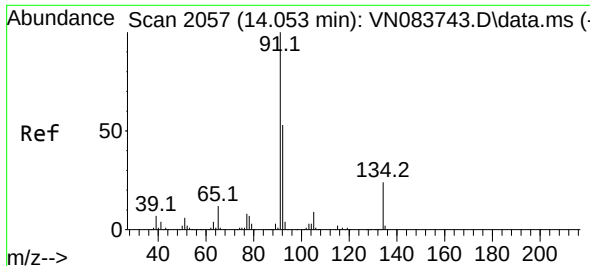
Ion Ratio Lower Upper

146 100

111 42.4 21.3 64.0

148 57.9 32.0 96.2

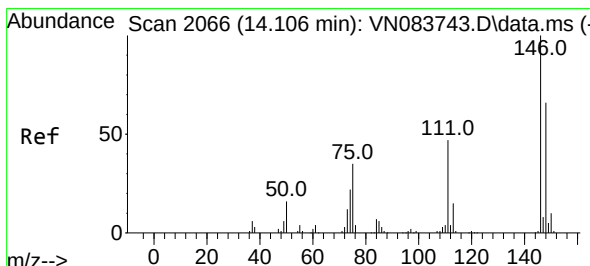
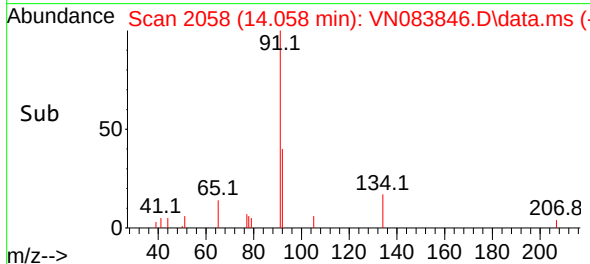
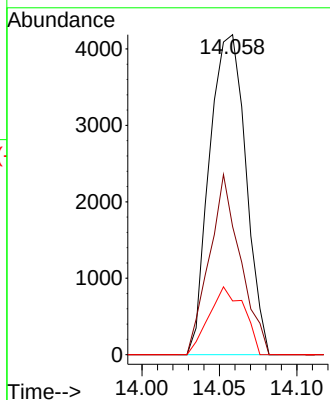
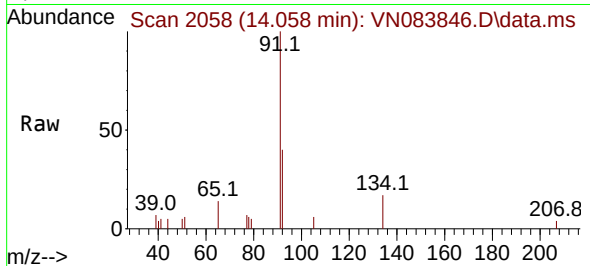




#89
n-Butylbenzene
Concen: 0.994 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

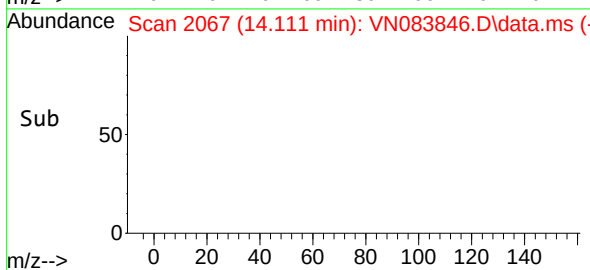
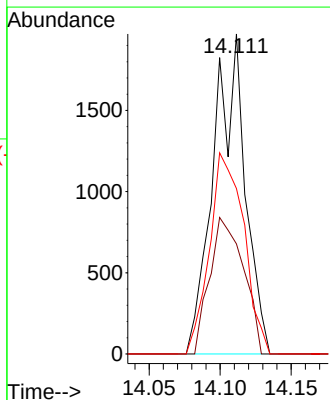
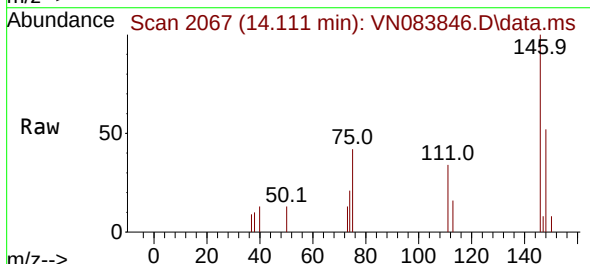
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL02

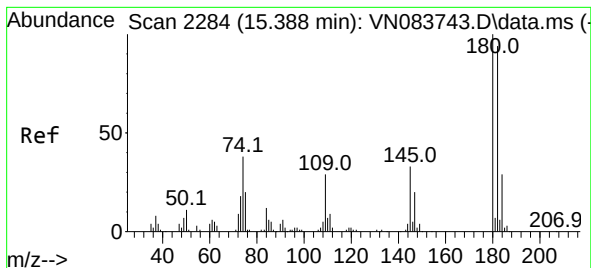
Tgt Ion: 91	Resp: 6821
Ion Ratio	Lower Upper
91	100
92	48.3 26.7 80.1
134	20.4 12.2 36.4



#91
1,2-Dichlorobenzene
Concen: 0.746 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN083846.D
Acq: 13 Sep 2024 01:49

Tgt Ion: 146	Resp: 3048
Ion Ratio	Lower Upper
146	100
111	45.7 22.8 68.3
148	68.2 32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 1.823 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

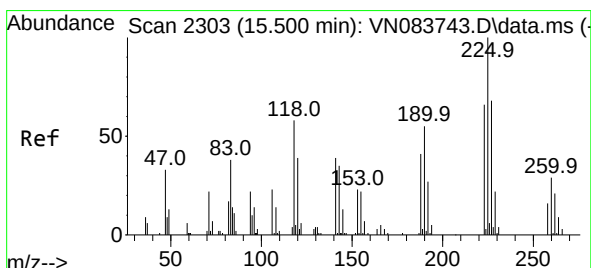
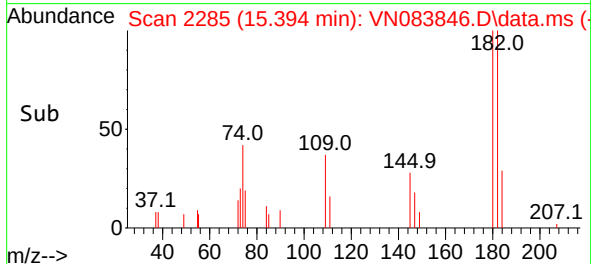
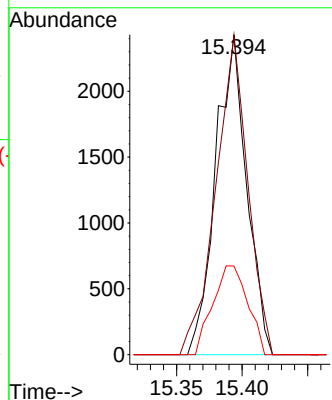
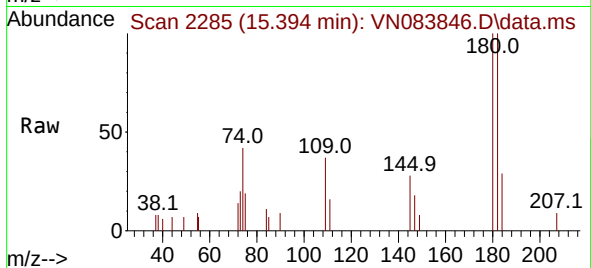
Tgt Ion:180 Resp: 3998

Ion Ratio Lower Upper

180 100

182 102.8 48.1 144.3

145 31.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 1.207 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

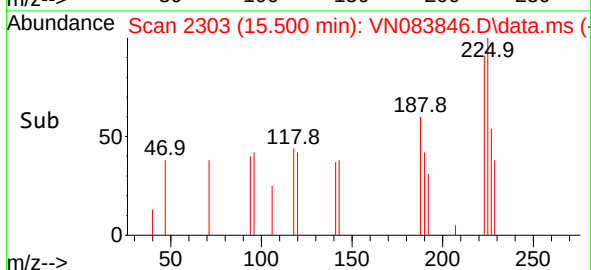
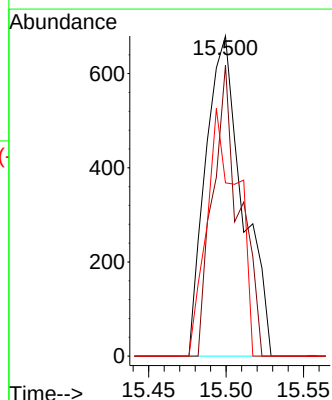
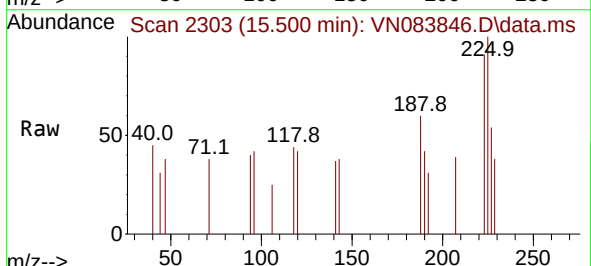
Tgt Ion:225 Resp: 1124

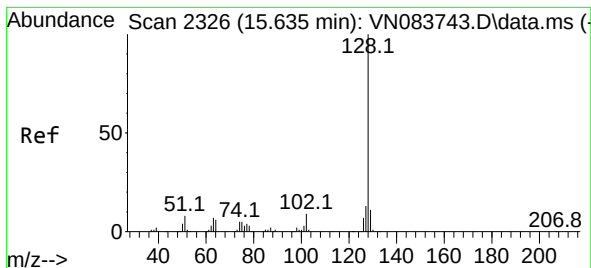
Ion Ratio Lower Upper

225 100

223 66.1 31.9 95.5

227 64.8 32.0 96.2





#95

Naphthalene

Concen: 1.708 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL02

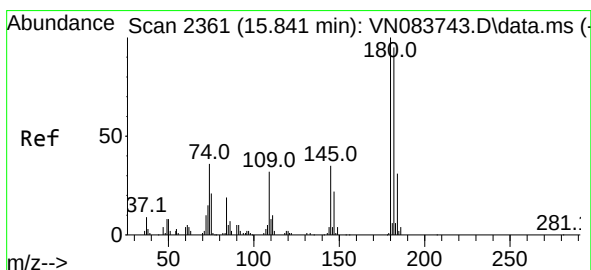
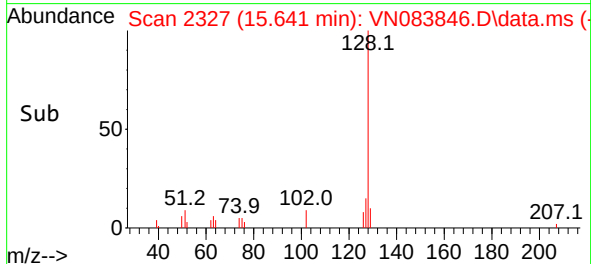
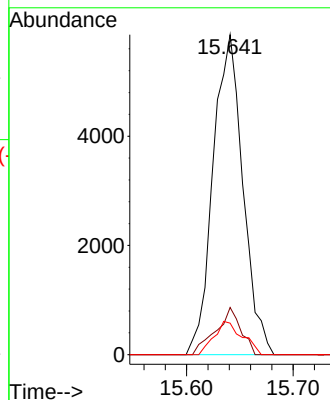
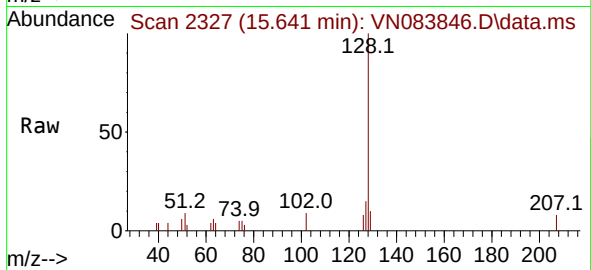
Tgt Ion:128 Resp: 11397

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 9.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.914 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN083846.D

Acq: 13 Sep 2024 01:49

Tgt Ion:180 Resp: 4012

Ion Ratio Lower Upper

180 100

182 91.7 47.1 141.4

145 29.6 17.8 53.5

