

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083797.D
 Acq On : 11 Sep 2024 15:33
 Operator : JC\MD
 Sample : P3845-01DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 02:08:31 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	148437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116994	52.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.540%
35) Dibromofluoromethane	8.159	113	82625	49.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	10.565	98	296999	50.990	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.847	95	117981	49.095	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.348	50	846	Below Cal	#	41
4) Vinyl Chloride	2.512	62	31052	16.434	ug/l	97
5) Bromomethane	2.900	94	24265	22.367	ug/l	95
6) Chloroethane	3.142	64	608	0.459	ug/l	98
11) Tert butyl alcohol	5.783	59	4586	15.301	ug/l	# 1
15) Acrylonitrile	5.777	53	824	1.011	ug/l	# 1
16) Acetone	4.436	43	18452	20.565	ug/l	95
18) Methyl Acetate	5.018	43	1148	Below Cal	#	69
19) Methyl tert-butyl Ether	5.794	73	201896	34.751	ug/l	99
20) Methylene Chloride	5.271	84	501	0.273	ug/l	# 58
21) trans-1,2-Dichloroethene	5.777	96	82793	48.119	ug/l	90
25) 2-Butanone	7.482	43	51055	43.293	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	19981	9.783	ug/l	90
28) Bromochloromethane	7.965	49	3179	2.225	ug/l	# 14
30) Chloroform	7.965	83	37459	10.400	ug/l	91
31) Cyclohexane	8.218	56	3821	1.181	ug/l	# 15
36) 1,1-Dichloropropene	8.218	75	13320	5.252	ug/l	# 49
37) Ethyl Acetate	7.482	43	51055	22.180	ug/l	# 34
38) Carbon Tetrachloride	8.224	117	17257	5.998	ug/l	# 17
40) Benzene	8.600	78	142444	18.662	ug/l	95
42) 1,2-Dichloroethane	8.671	62	189892	66.578	ug/l	100
43) Isopropyl Acetate	8.682	43	9677	2.320	ug/l	# 1
44) Trichloroethene	9.353	130	47113	26.654	ug/l	98
45) 1,2-Dichloropropane	9.618	63	18643	10.106	ug/l	98
46) Dibromomethane	9.712	93	9794	7.579	ug/l	96
47) Bromodichloromethane	9.888	83	121292	43.372	ug/l	99
48) Methyl methacrylate	9.618	41	12076	6.102	ug/l	# 34
52) Toluene	10.629	92	211824	45.370	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	139609	49.251	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	146144	49.081	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.318	63	854	0.884	ug/l	# 46
60) Dibromochloromethane	11.359	129	27013	13.848	ug/l	100
61) 1,2-Dibromoethane	11.470	107	32894	18.923	ug/l	99
65) Chlorobenzene	11.888	112	107422	20.597	ug/l	96
67) Ethyl Benzene	11.965	91	364635	39.357	ug/l	100
68) m/p-Xylenes	12.070	106	41076	11.942	ug/l	100

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Quant Time: Sep 12 02:08:31 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)

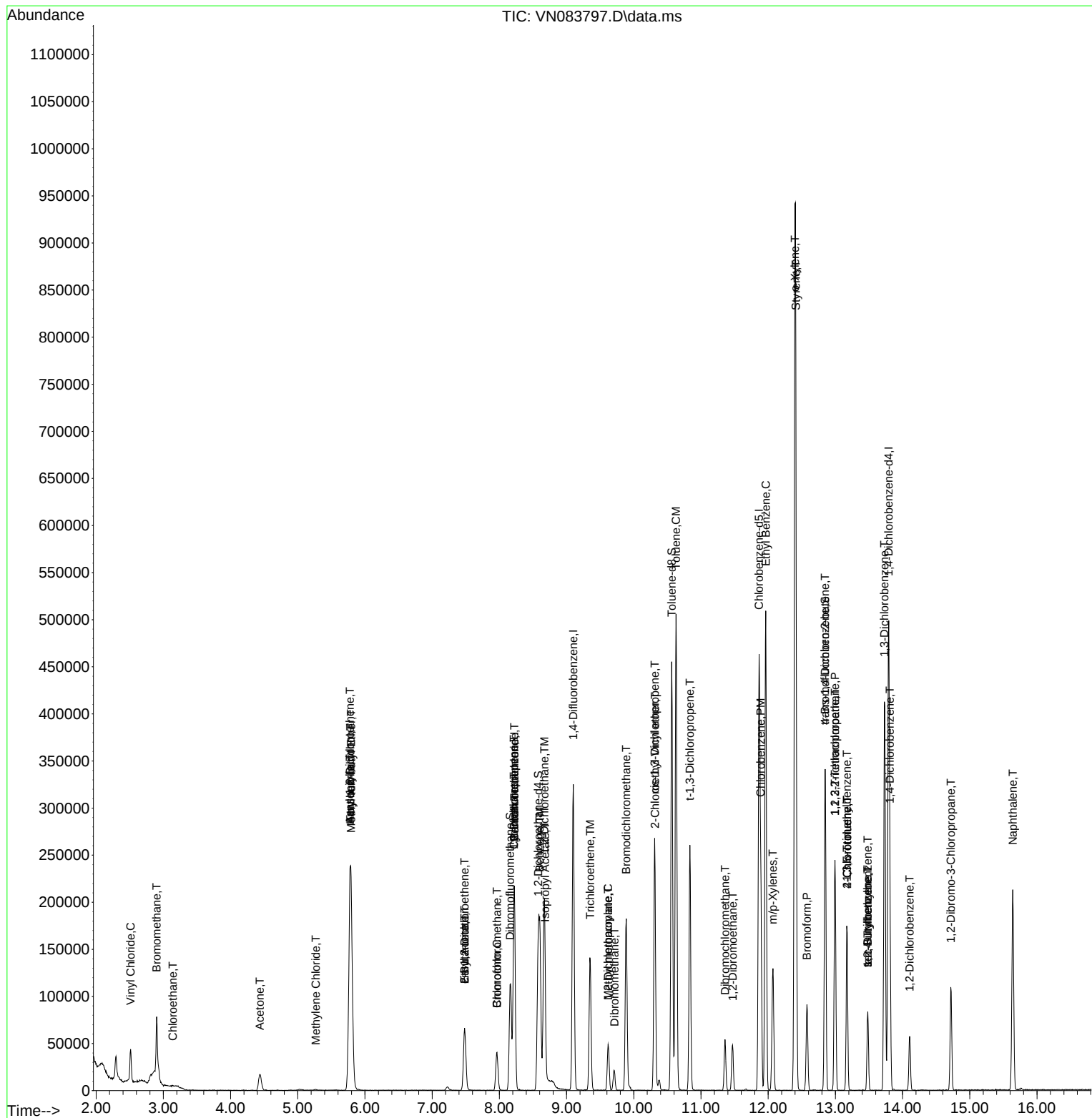
69) o-Xylene	12.400	106	164570	49.423	ug/l	100
70) Styrene	12.412	104	254368	46.547	ug/l	98
71) Bromoform	12.576	173	40673	33.383	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.994	83	2911	1.111	ug/l #	93
76) 1,2,3-Trichloropropane	12.994	75	102042	43.859	ug/l #	1
79) 2-Chlorotoluene	13.176	91	11857	1.791	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	96549	12.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	67073	75.504	ug/l #	9
82) 4-Chlorotoluene	13.176	91	11857	1.785	ug/l #	44
83) tert-Butylbenzene	13.482	119	5644	0.858	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.482	105	47147	6.241	ug/l	99
85) sec-Butylbenzene	13.482	105	47147	5.403	ug/l #	57
87) 1,3-Dichlorobenzene	13.729	146	163526	40.352	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	70177	17.102	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	22690	5.802	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28259	54.085	ug/l	98
95) Naphthalene	15.641	128	189667	29.704	ug/l	99

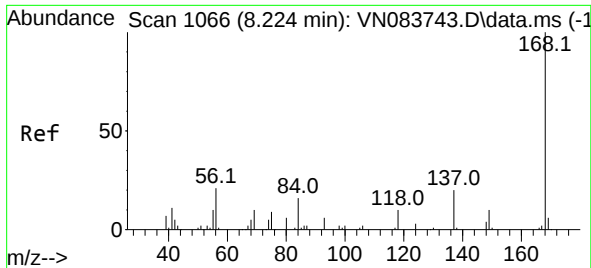
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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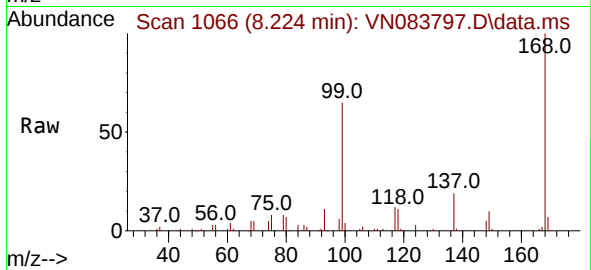
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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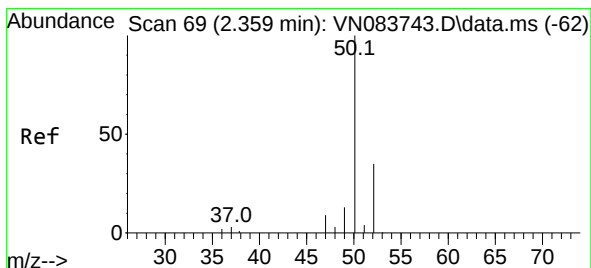
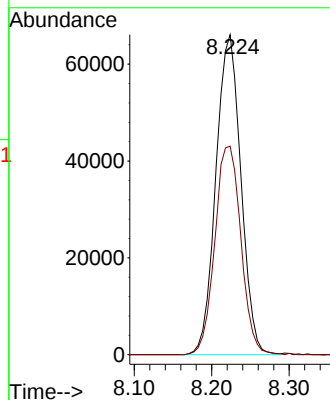
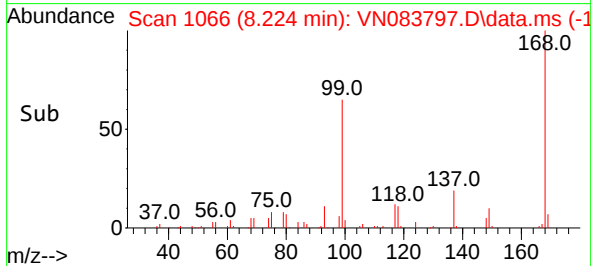


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

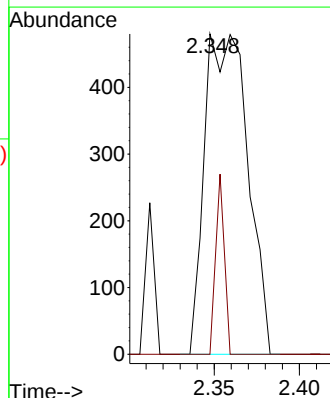
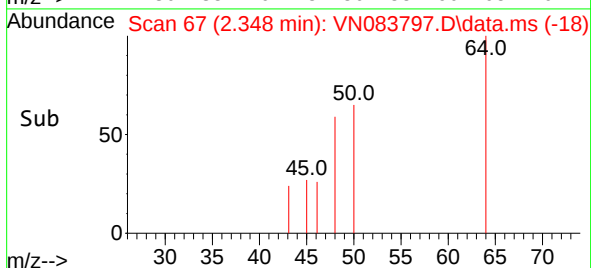
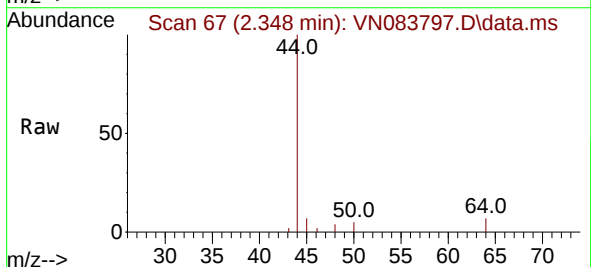


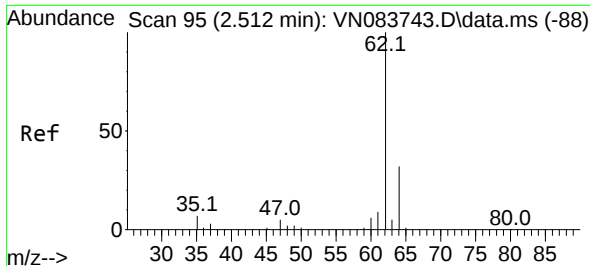
Tgt Ion:168 Resp: 148437
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.348 min Scan# 67
Delta R.T. -0.011 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

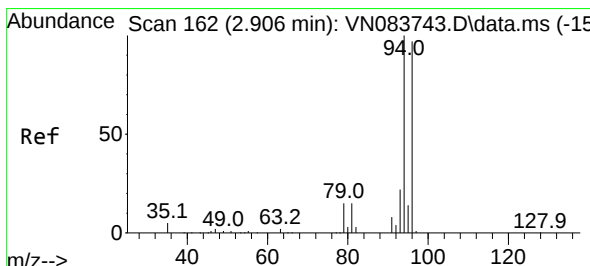
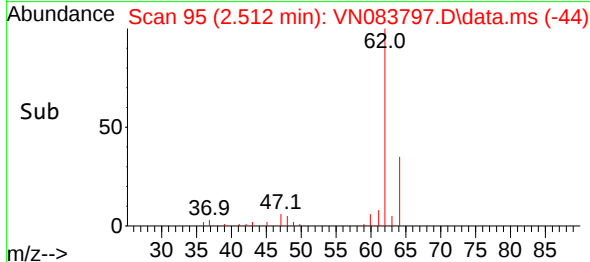
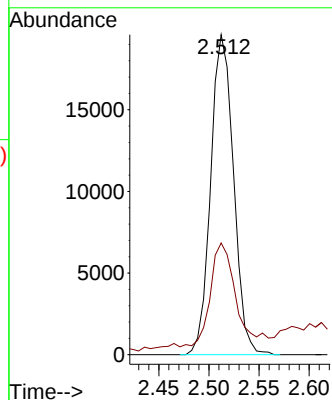
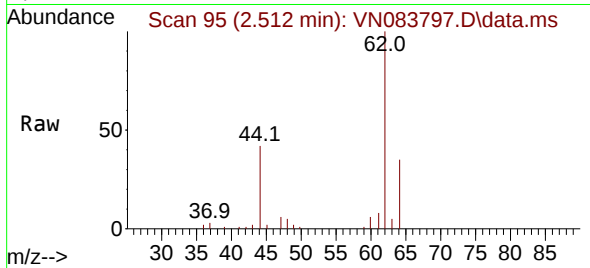




#4
 Vinyl Chloride
 Concen: 16.434 ug/l
 RT: 2.512 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

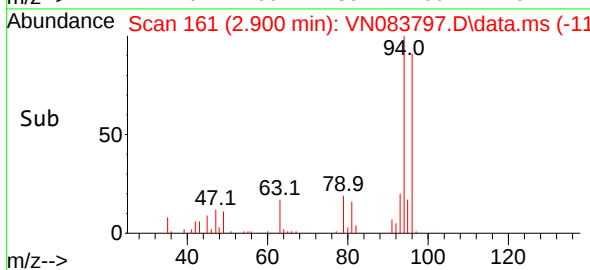
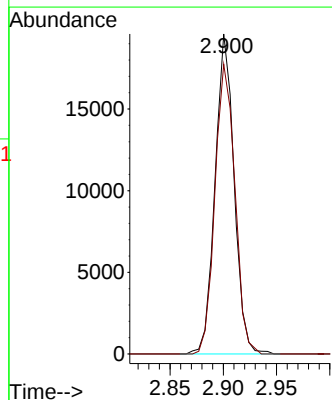
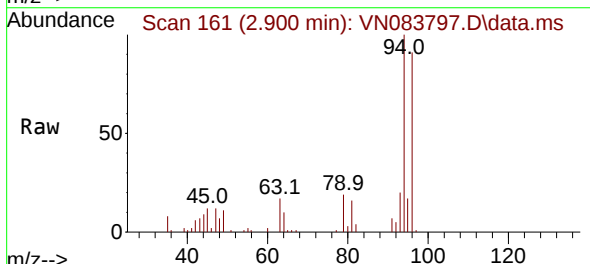
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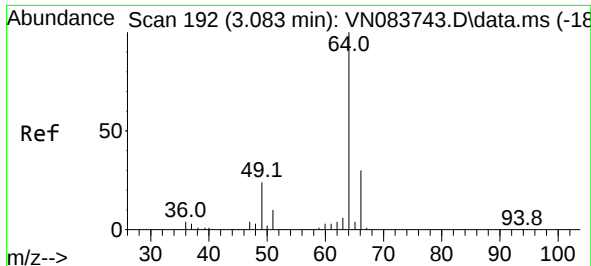
Tgt Ion: 62 Resp: 31052
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.7 37.1



#5
 Bromomethane
 Concen: 22.367 ug/l
 RT: 2.900 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

Tgt Ion: 94 Resp: 24265
 Ion Ratio Lower Upper
 94 100
 96 90.6 76.0 114.0

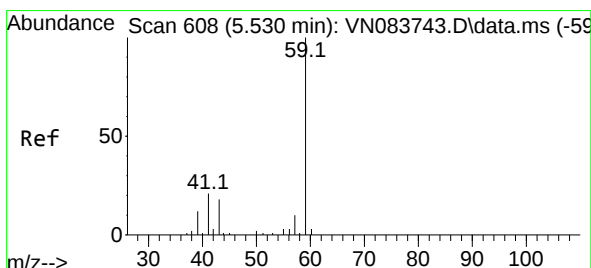
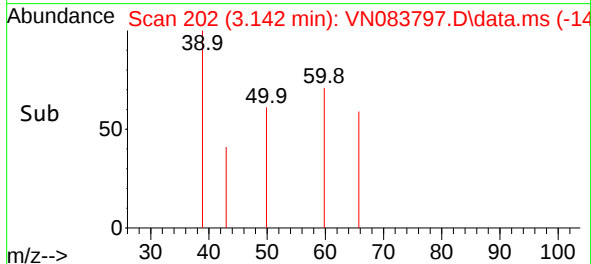
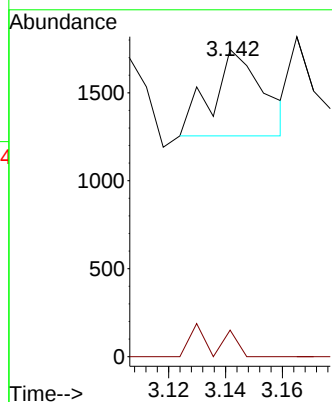
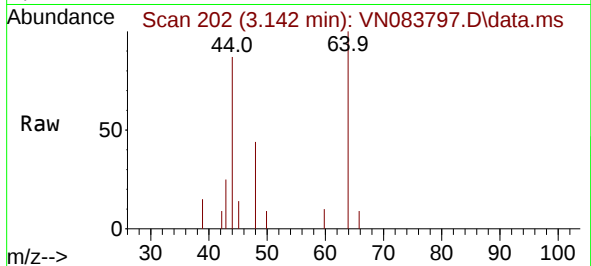




#6
Chloroethane
Concen: 0.459 ug/l
RT: 3.142 min Scan# 20
Delta R.T. 0.059 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

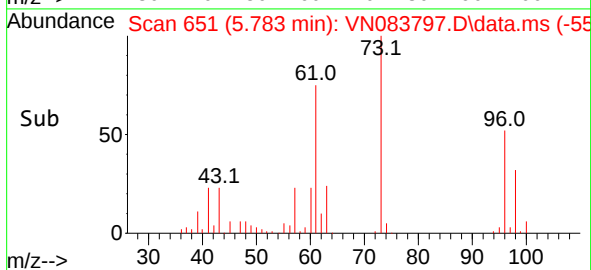
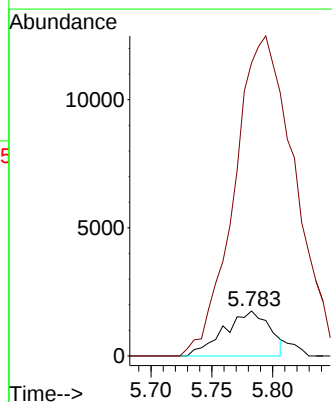
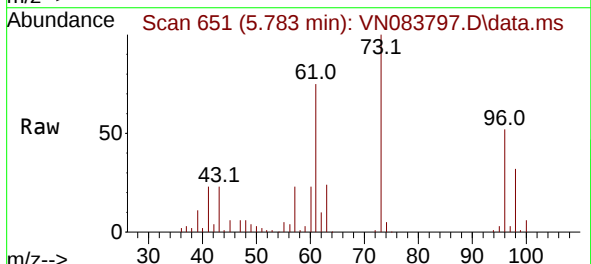
Instrument :
MSVOA_N
ClientSampleId :

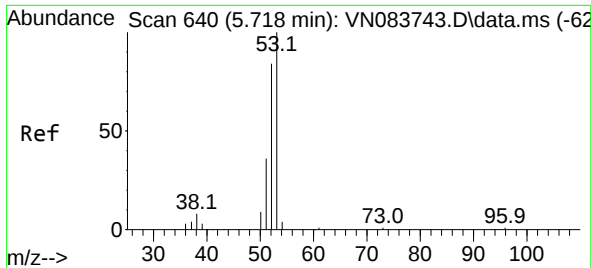
Tgt Ion: 64 Resp: 608
Ion Ratio Lower Upper
64 100
66 30.8 23.9 35.9



#11
Tert butyl alcohol
Concen: 15.301 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.253 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

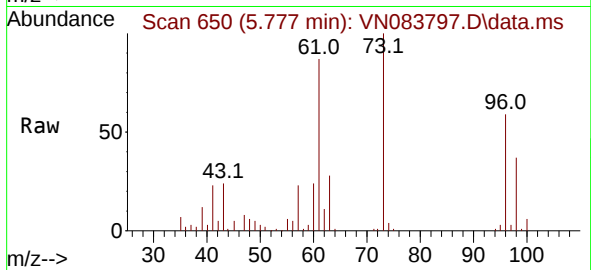
Tgt Ion: 59 Resp: 4586
Ion Ratio Lower Upper
59 100
57 694.9 8.7 13.1#



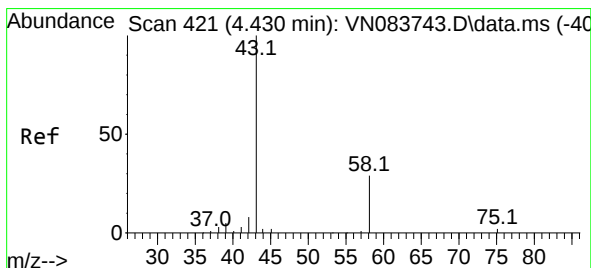
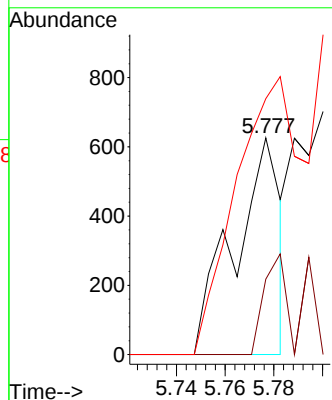
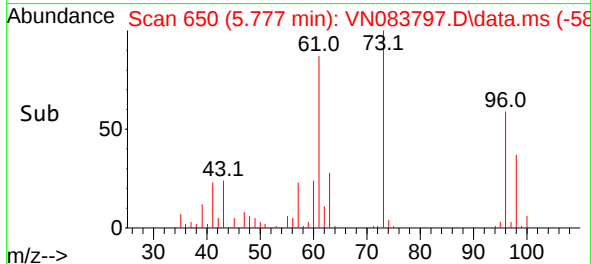


#15
Acrylonitrile
Concen: 1.011 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.059 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

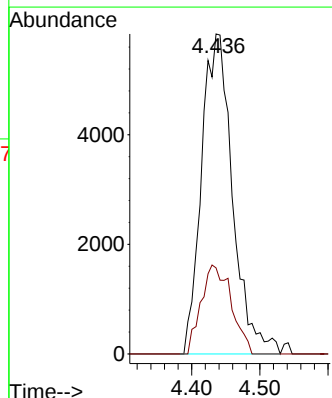
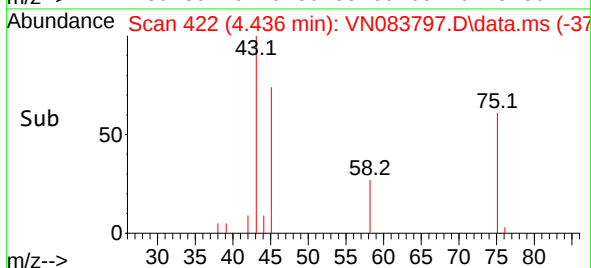
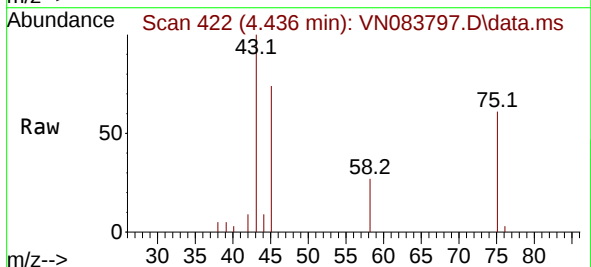


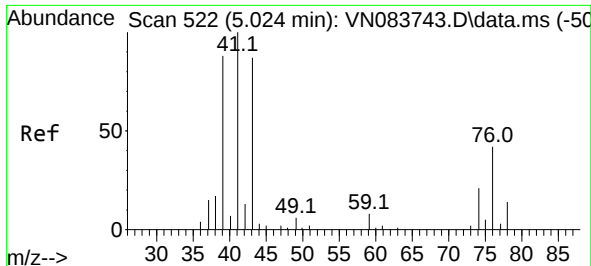
Tgt Ion: 53 Resp: 824
Ion Ratio Lower Upper
53 100
52 33.9 66.1 99.1#
51 184.7 29.6 44.4#



#16
Acetone
Concen: 20.565 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 43 Resp: 18452
Ion Ratio Lower Upper
43 100
58 26.9 23.7 35.5





#18

Methyl Acetate

Concen: Below Cal

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

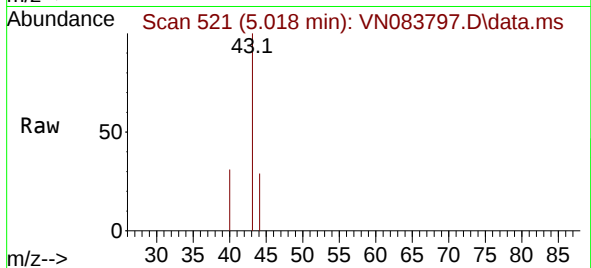
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Instrument :

MSVOA_N

ClientSampleId :

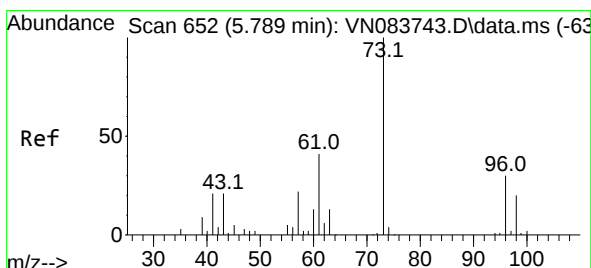
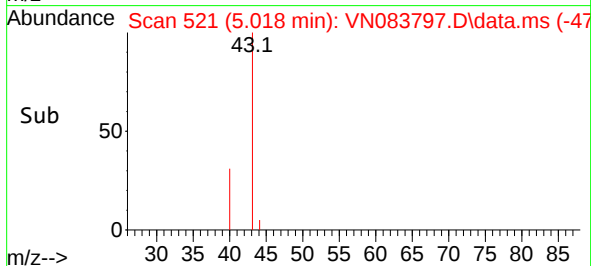
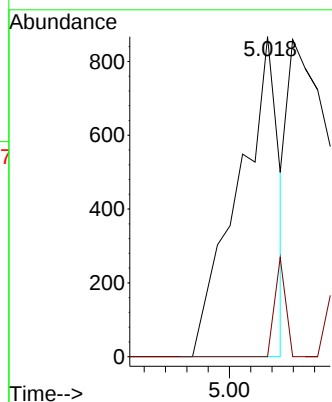


Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

74 8.3 19.0 28.4#



#19

Methyl tert-butyl Ether

Concen: 34.751 ug/l

RT: 5.794 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN083797.D

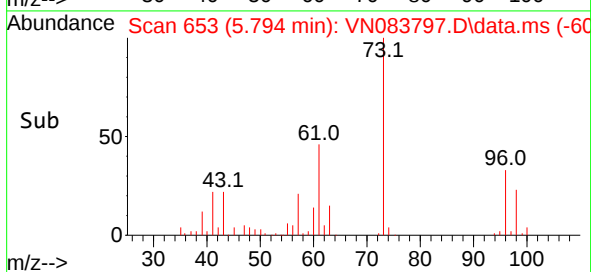
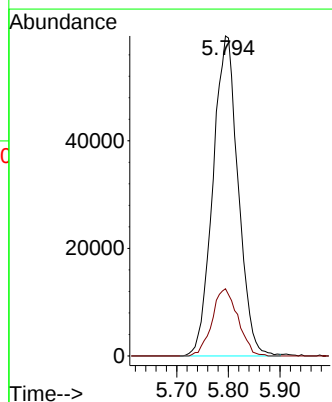
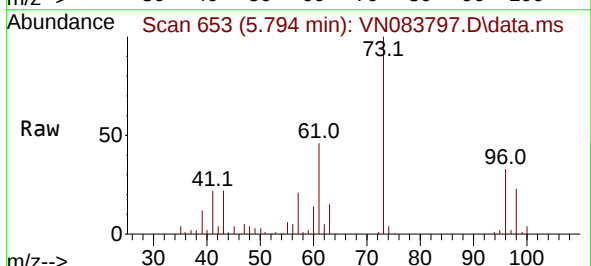
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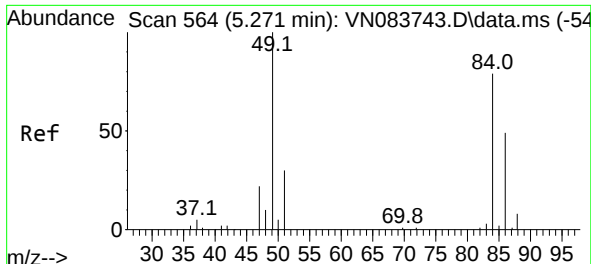
Tgt Ion: 73 Resp: 201896

Ion Ratio Lower Upper

73 100

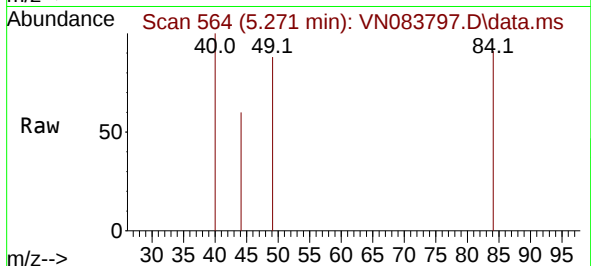
57 21.0 17.0 25.6



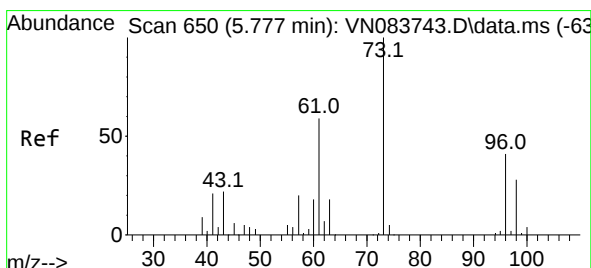
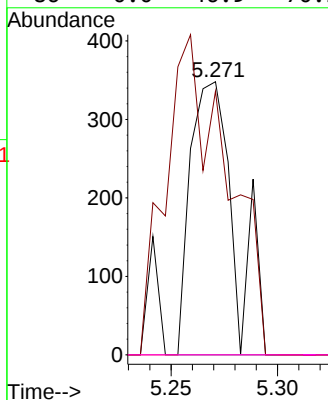
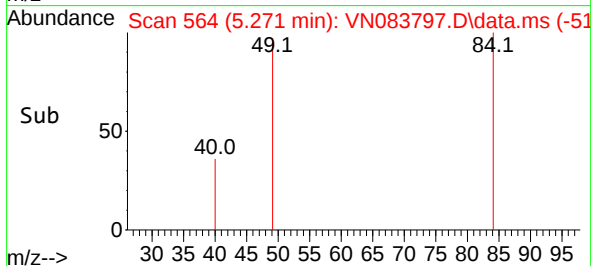


#20
Methylene Chloride
Concen: 0.273 ug/l
RT: 5.271 min Scan# 501
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Instrument :
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ClientSampleId :

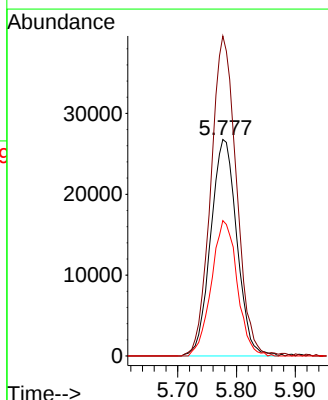
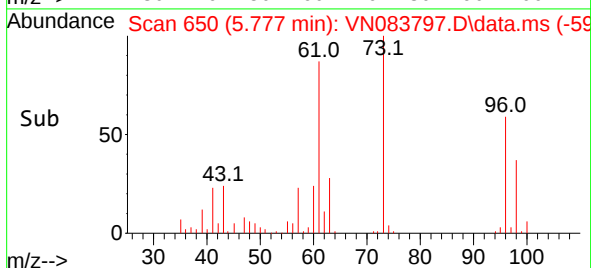
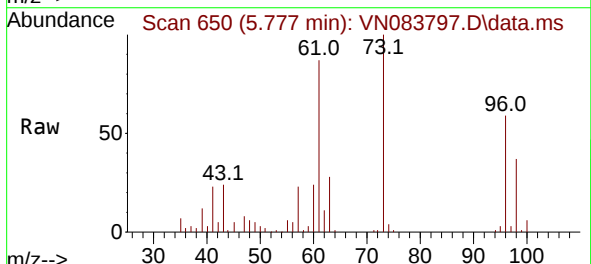


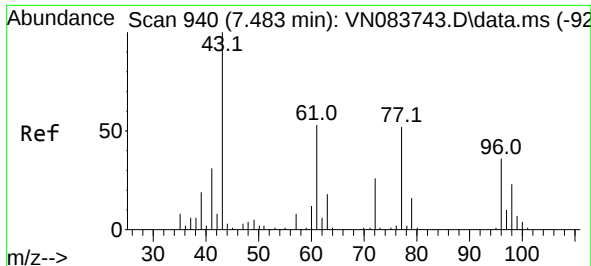
Tgt Ion: 84	Resp: 501
Ion Ratio	Lower Upper
84 100	
49 96.6	93.4 140.0
51 0.0	29.2 43.8#
86 0.0	46.9 70.3#



#21
trans-1,2-Dichloroethene
Concen: 48.119 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

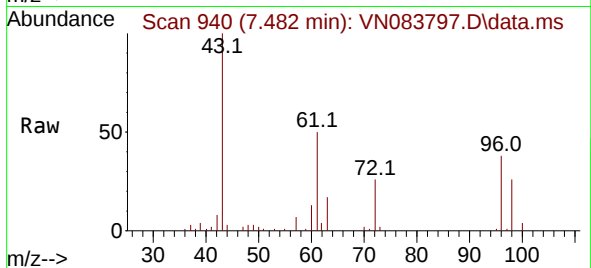
Tgt Ion: 96	Resp: 82793
Ion Ratio	Lower Upper
96 100	
61 147.8	106.0 159.0
98 62.5	52.2 78.2



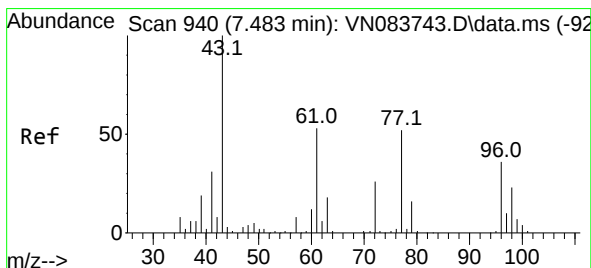
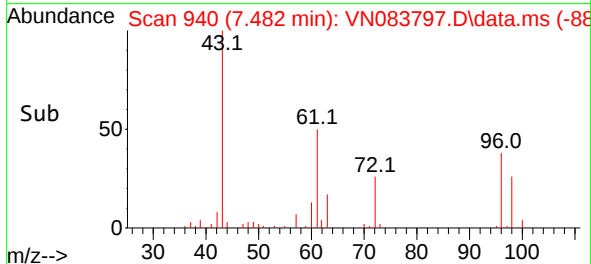
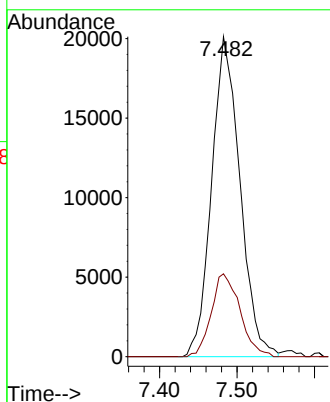


#25
2-Butanone
Concen: 43.293 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

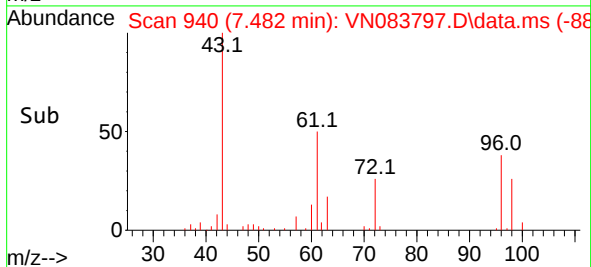
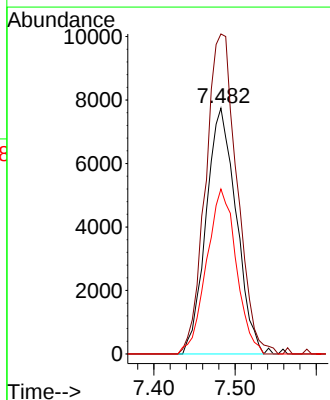
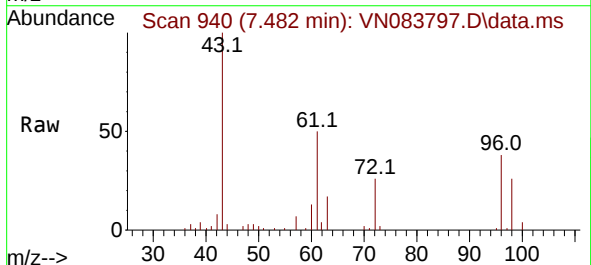


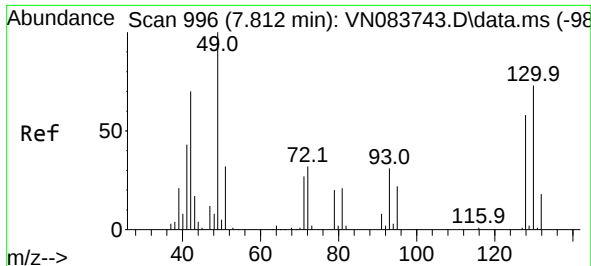
Tgt Ion: 43 Resp: 51055
Ion Ratio Lower Upper
43 100
72 25.9 20.8 31.2



#27
cis-1,2-Dichloroethene
Concen: 9.783 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 96 Resp: 19981
Ion Ratio Lower Upper
96 100
61 135.6 0.0 306.2
98 66.1 0.0 128.6

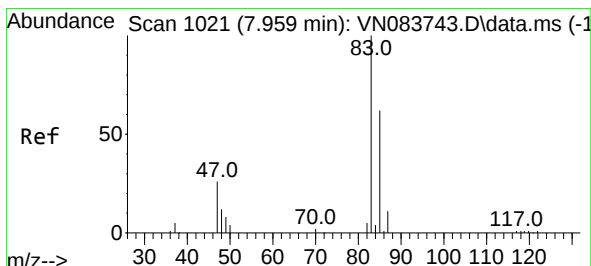
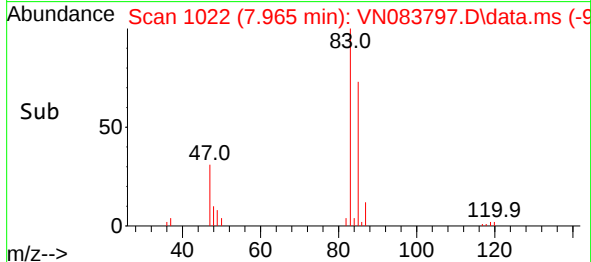
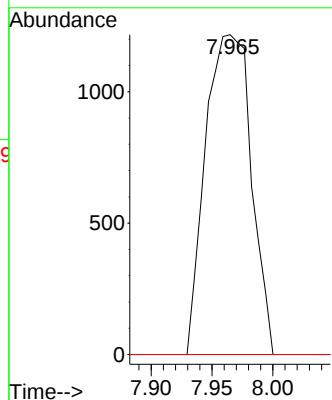
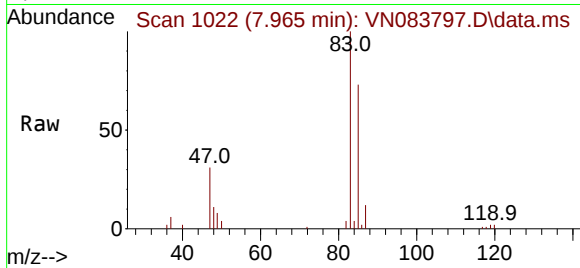




#28
Bromochloromethane
Concen: 2.225 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.153 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

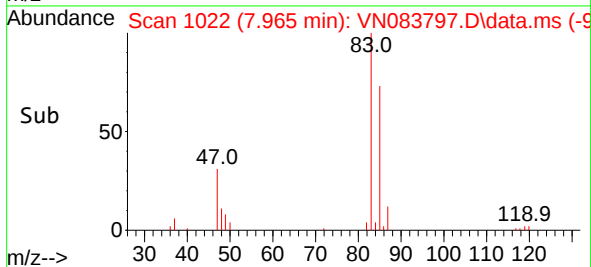
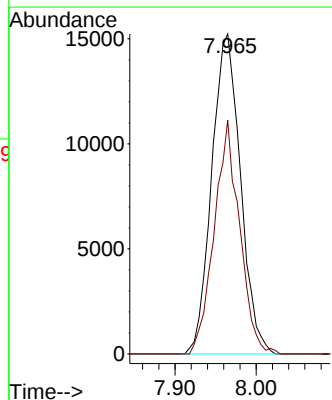
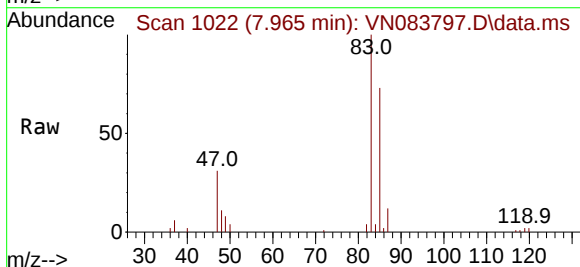
Instrument :
MSVOA_N
ClientSampleId :

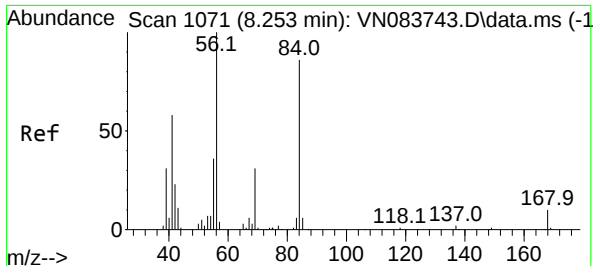
Tgt Ion: 49 Resp: 3179
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 60.2 90.2#



#30
Chloroform
Concen: 10.400 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 83 Resp: 37459
Ion Ratio Lower Upper
83 100
85 73.1 52.8 79.2





#31

Cyclohexane

Concen: 1.181 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

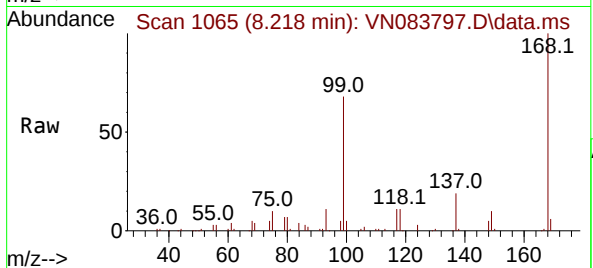
Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :



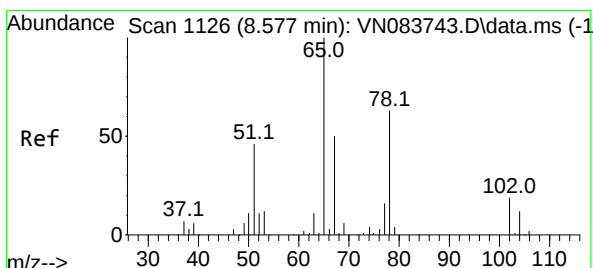
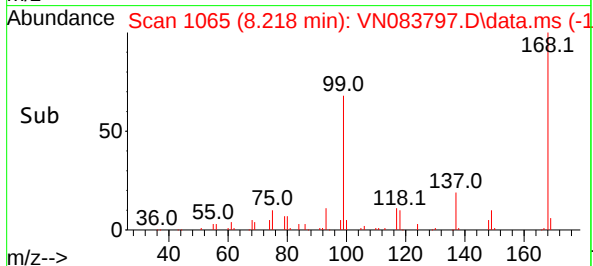
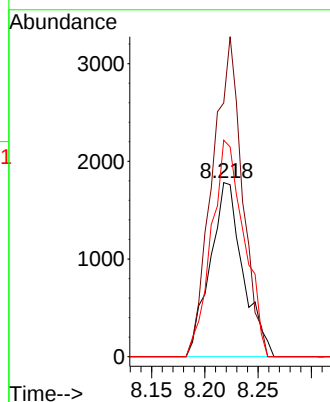
Tgt Ion: 56 Resp: 3821

Ion Ratio Lower Upper

56 100

69 145.7 26.9 40.3#

84 124.3 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 52.271 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083797.D

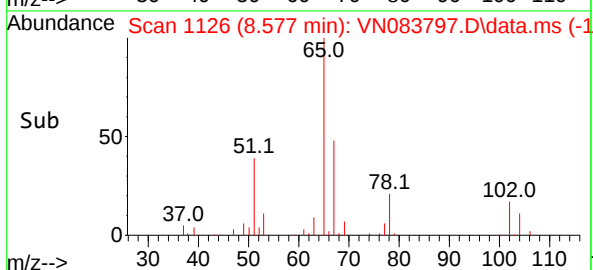
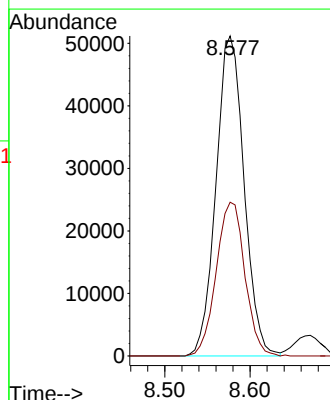
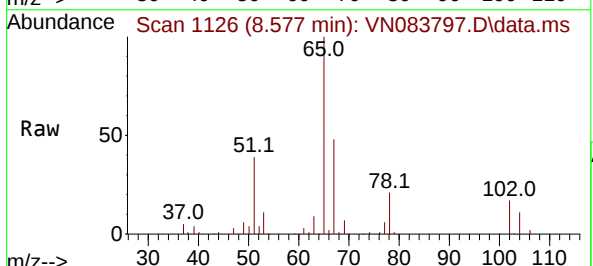
Acq: 11 Sep 2024 15:33

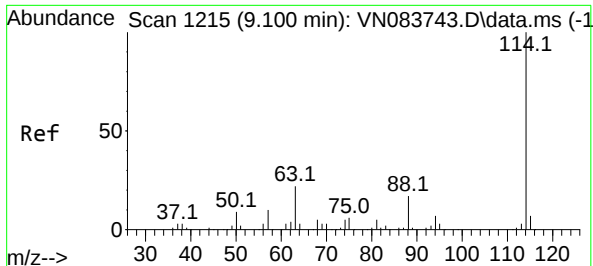
Tgt Ion: 65 Resp: 116994

Ion Ratio Lower Upper

65 100

67 49.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

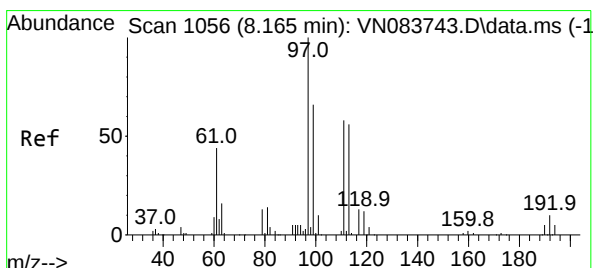
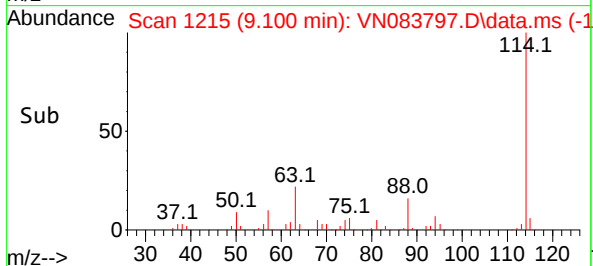
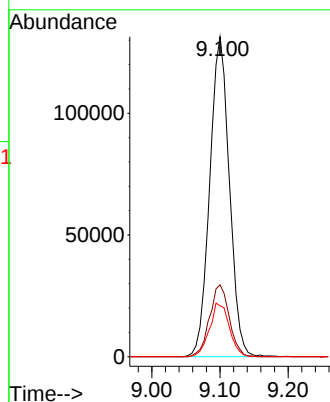
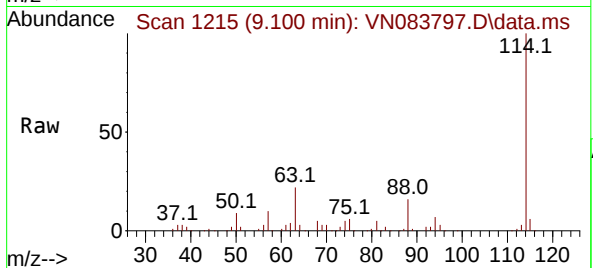
Tgt Ion:114 Resp: 263183

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

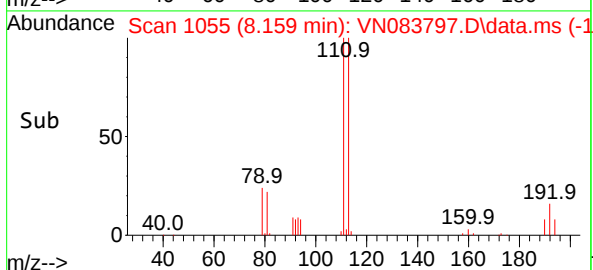
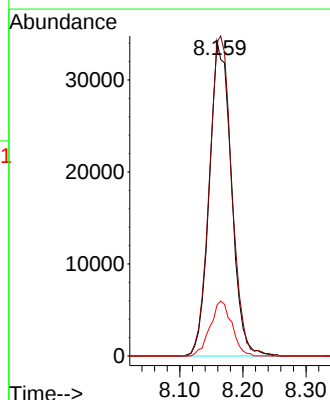
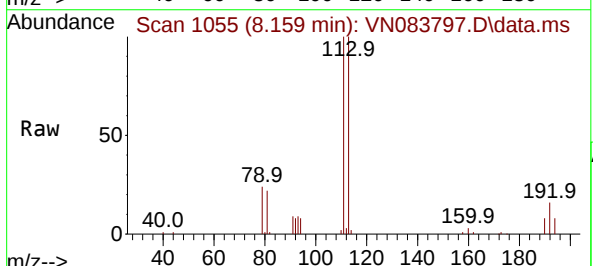
Tgt Ion:113 Resp: 82625

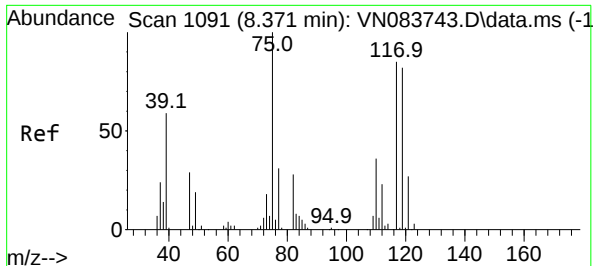
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.252 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

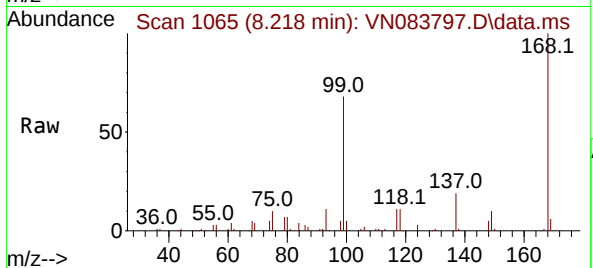
Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :



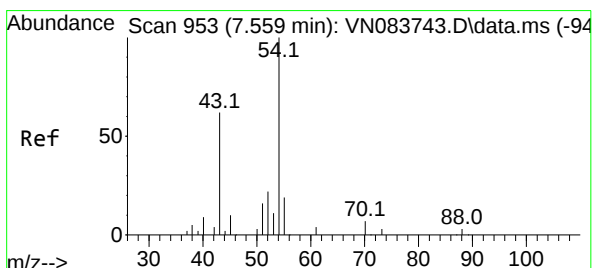
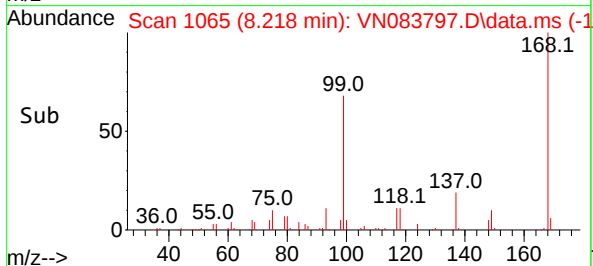
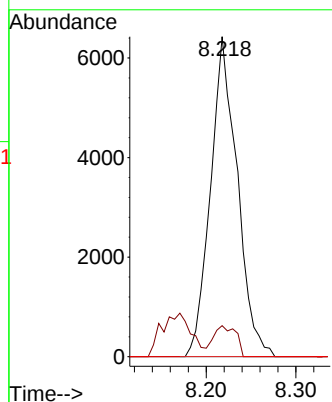
Tgt Ion: 75 Resp: 13320

Ion Ratio Lower Upper

75 100

110 8.0 16.7 50.1#

77 0.0 25.2 37.8#



#37

Ethyl Acetate

Concen: 22.180 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.077 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

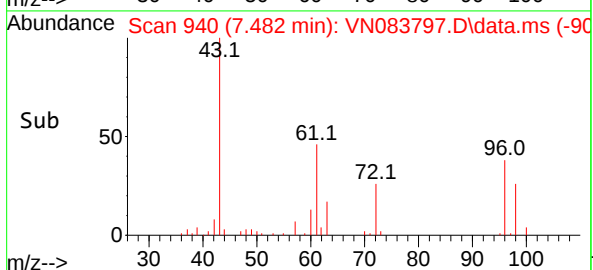
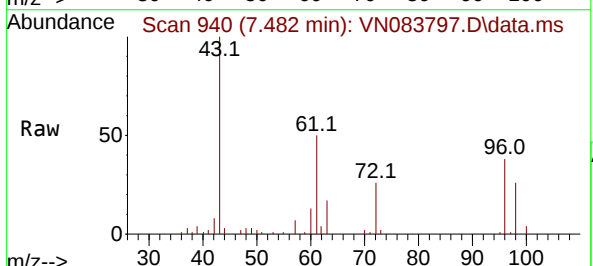
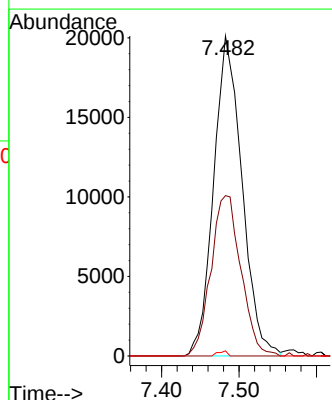
Tgt Ion: 43 Resp: 51055

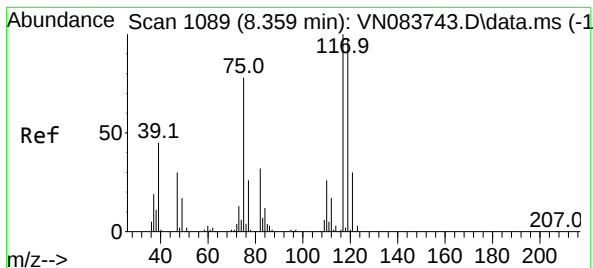
Ion Ratio Lower Upper

43 100

61 53.1 11.1 16.7#

70 0.5 8.8 13.2#





#38

Carbon Tetrachloride

Concen: 5.998 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

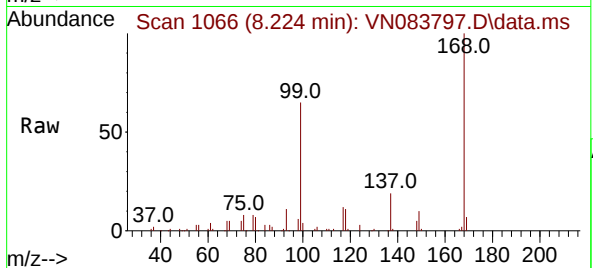
Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :



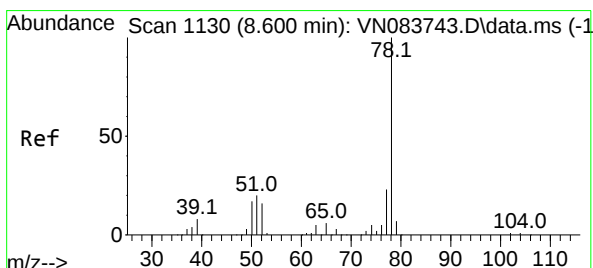
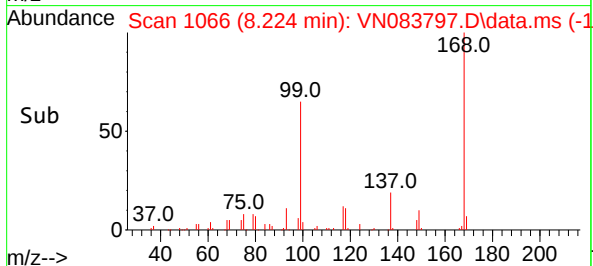
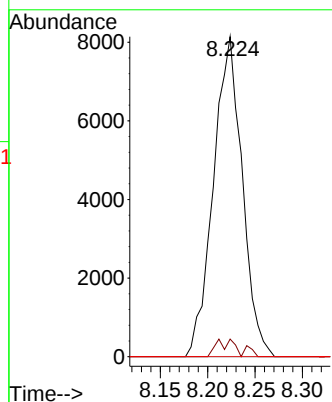
Tgt Ion:117 Resp: 17257

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

121 0.0 24.1 36.1#



#40

Benzene

Concen: 18.662 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083797.D

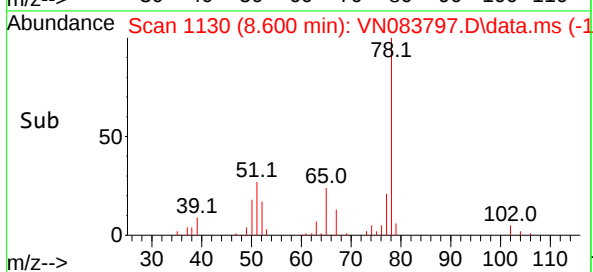
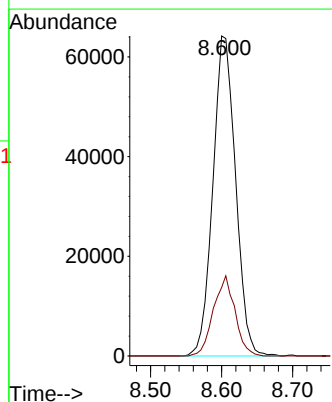
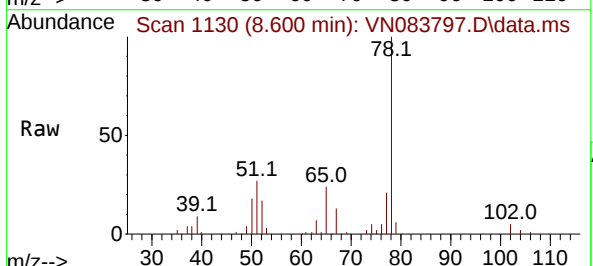
Acq: 11 Sep 2024 15:33

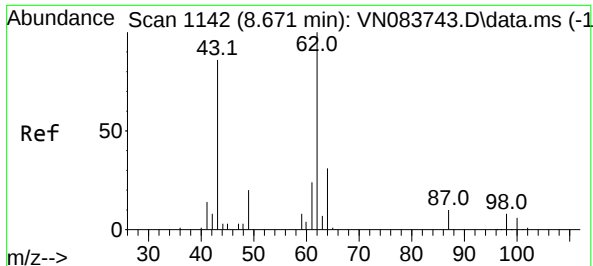
Tgt Ion: 78 Resp: 142444

Ion Ratio Lower Upper

78 100

77 21.4 19.0 28.6





#42

1,2-Dichloroethane

Concen: 66.578 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

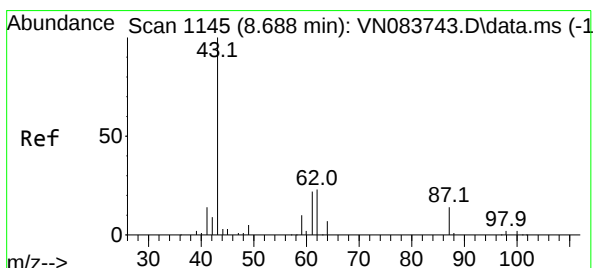
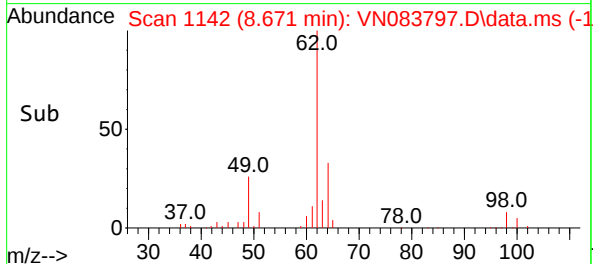
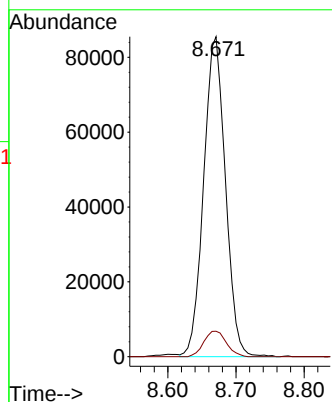
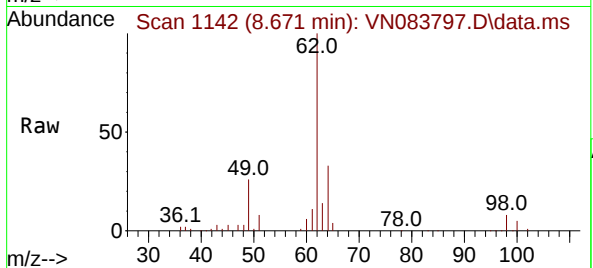
ClientSampleId :

Tgt Ion: 62 Resp: 189892

Ion Ratio Lower Upper

62 100

98 8.2 0.0 16.6



#43

Isopropyl Acetate

Concen: 2.320 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

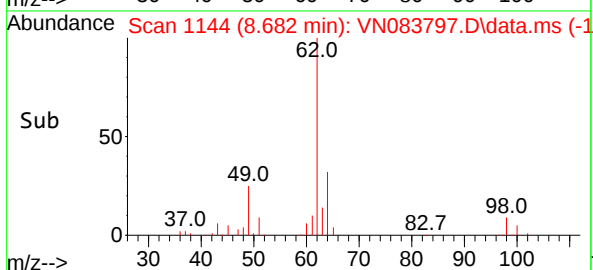
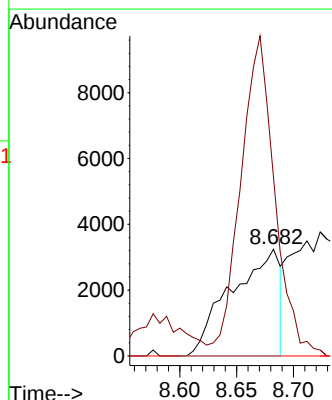
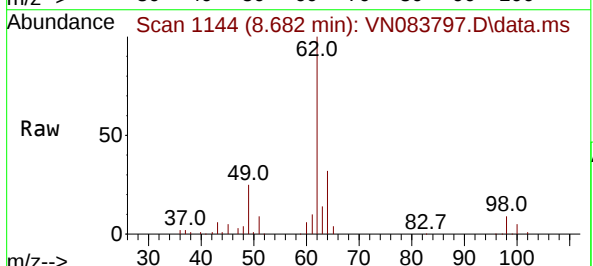
Tgt Ion: 43 Resp: 9677

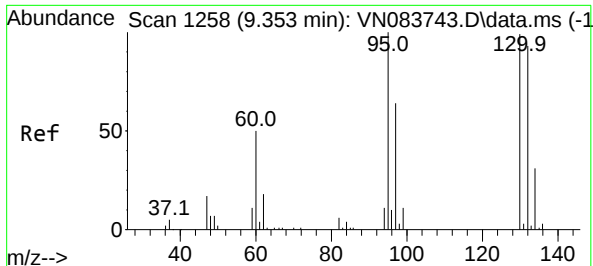
Ion Ratio Lower Upper

43 100

61 210.4 19.4 29.0#

87 0.0 9.8 14.6#

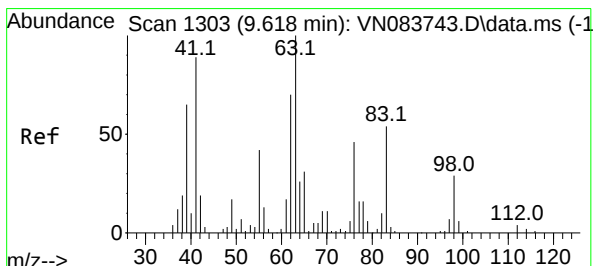
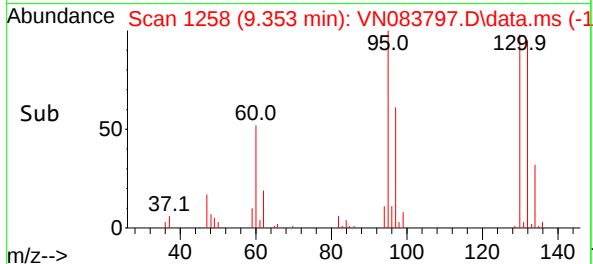
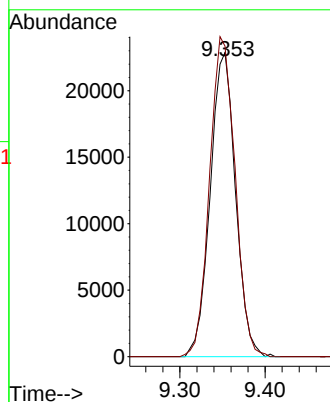
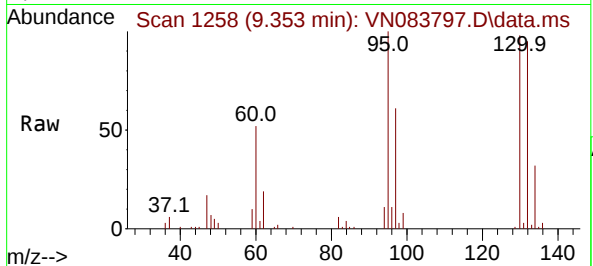




#44
Trichloroethene
Concen: 26.654 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

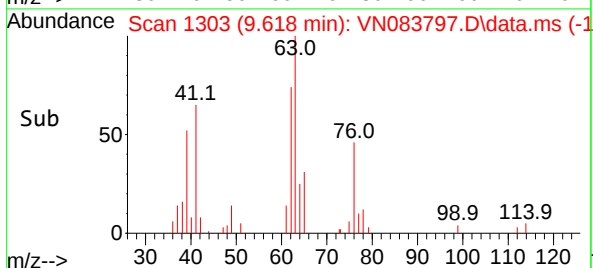
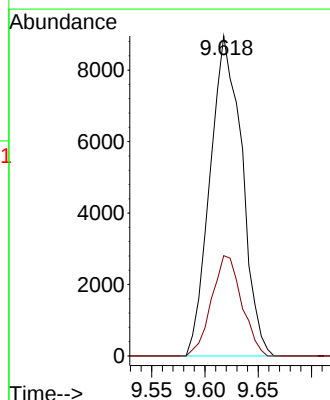
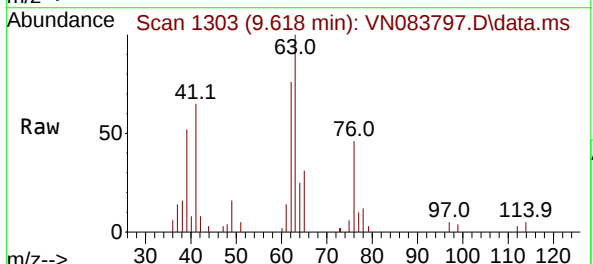
Instrument :
MSVOA_N
ClientSampleId :

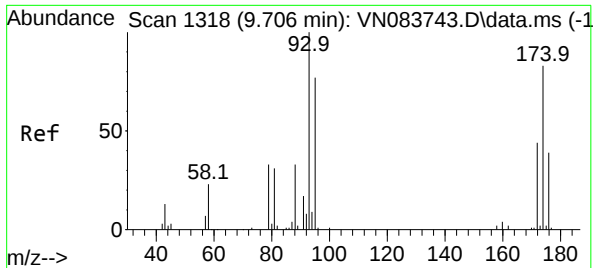
Tgt Ion:130 Resp: 47113
Ion Ratio Lower Upper
130 100
95 102.1 0.0 200.4



#45
1,2-Dichloropropane
Concen: 10.106 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

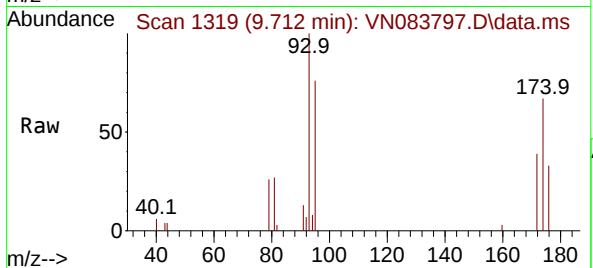
Tgt Ion: 63 Resp: 18643
Ion Ratio Lower Upper
63 100
65 31.4 25.9 38.9



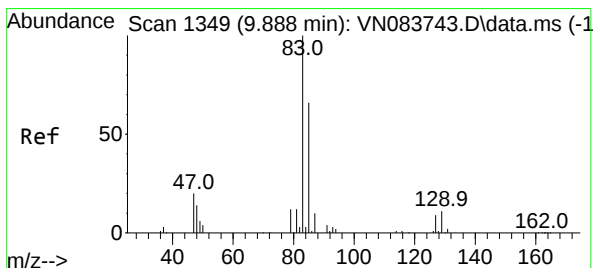
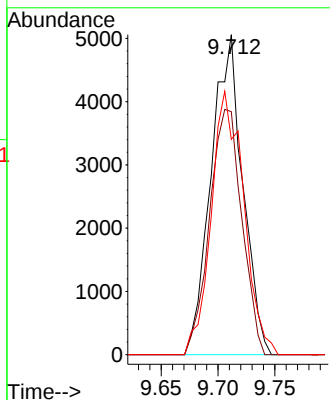
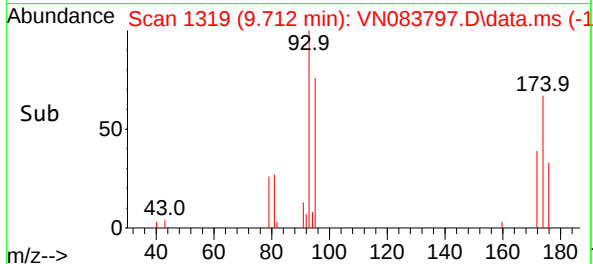


#46
Dibromomethane
Concen: 7.579 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

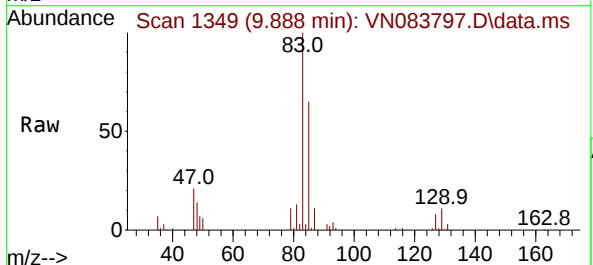
Instrument :
MSVOA_N
ClientSampleId :



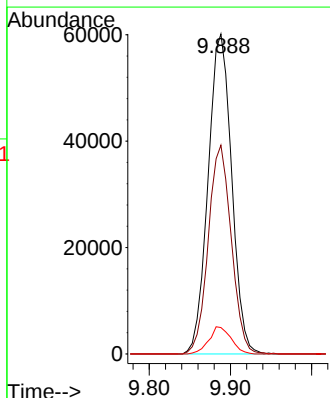
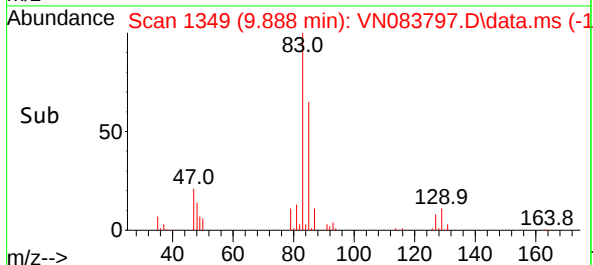
Tgt Ion: 93 Resp: 9794
Ion Ratio Lower Upper
93 100
95 78.4 65.3 97.9
174 84.6 71.0 106.4

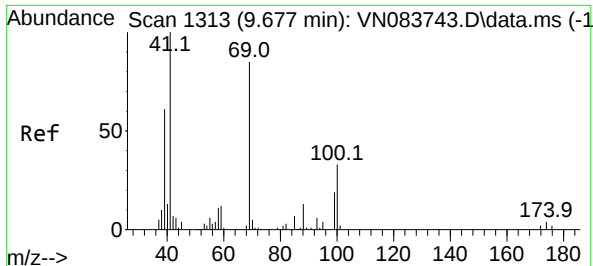


#47
Bromodichloromethane
Concen: 43.372 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33



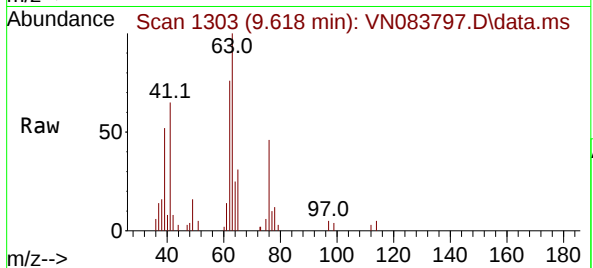
Tgt Ion: 83 Resp: 121292
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8
127 8.3 6.6 9.8



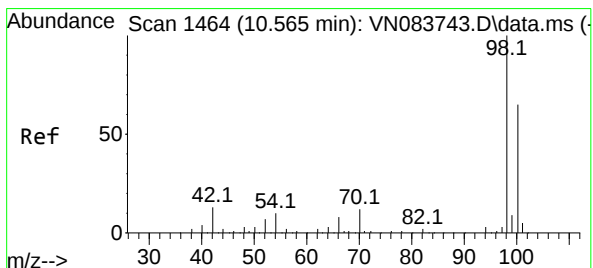
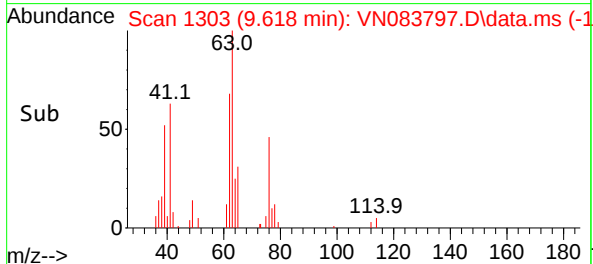
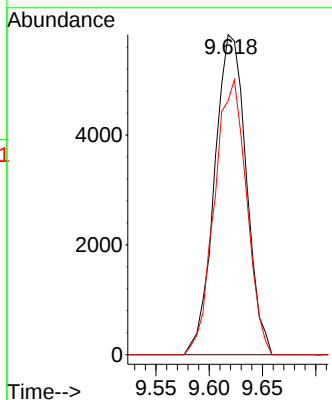


#48
Methyl methacrylate
Concen: 6.102 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.059 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Instrument :
MSVOA_N
ClientSampleId :

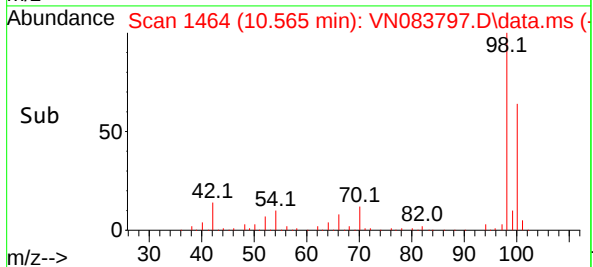
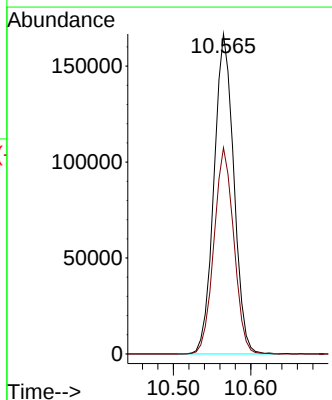
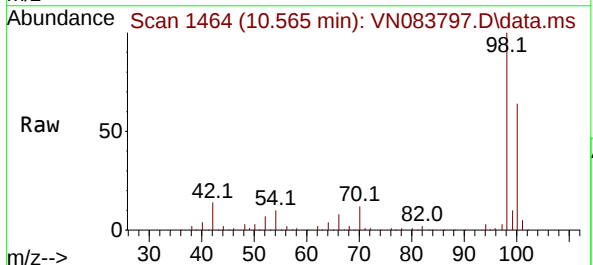


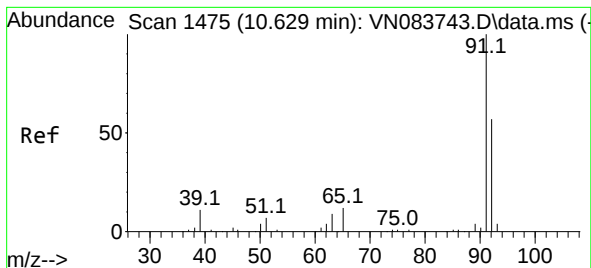
Tgt Ion: 41 Resp: 12076
Ion Ratio Lower Upper
41 100
69 0.0 64.3 96.5#
39 86.7 48.9 73.3#



#50
Toluene-d8
Concen: 50.990 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 98 Resp: 296999
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#52

Toluene

Concen: 45.370 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

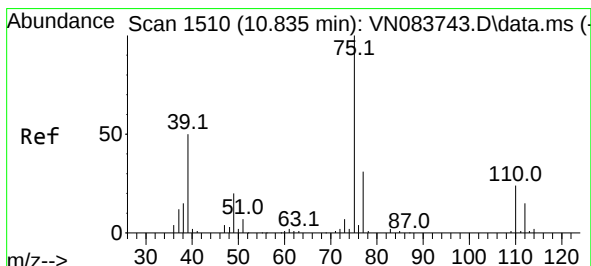
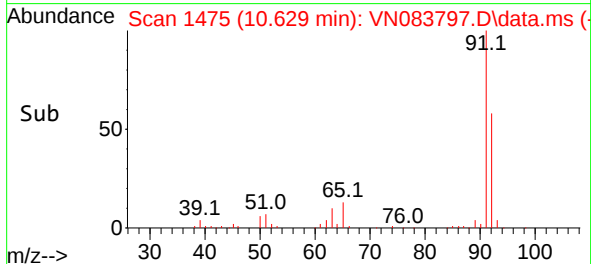
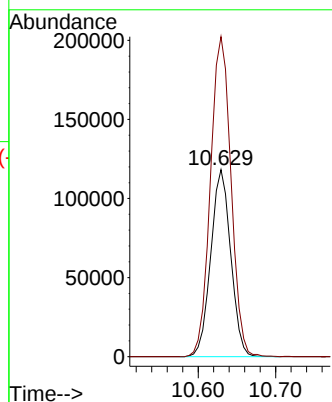
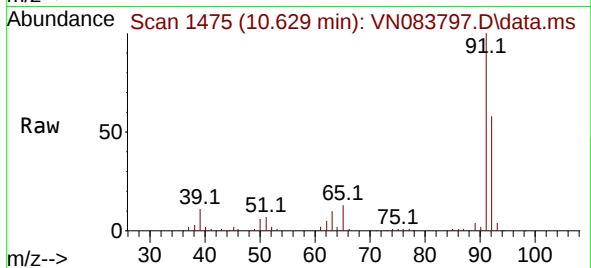
ClientSampleId :

Tgt Ion: 92 Resp: 211824

Ion Ratio Lower Upper

92 100

91 176.5 134.7 202.1



#53

t-1,3-Dichloropropene

Concen: 49.251 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN083797.D

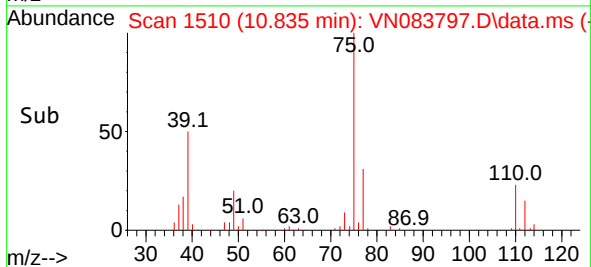
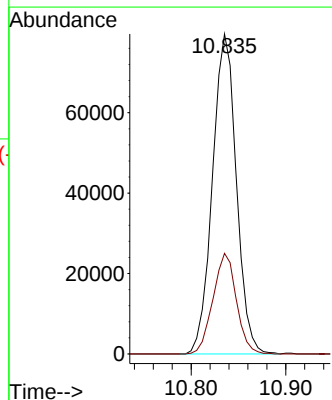
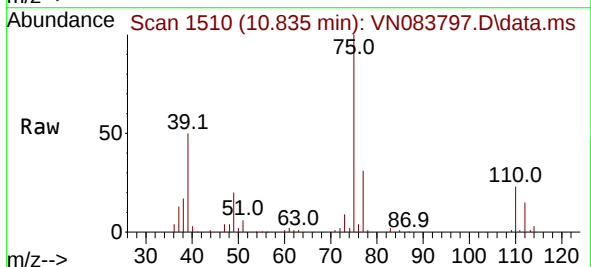
Acq: 11 Sep 2024 15:33

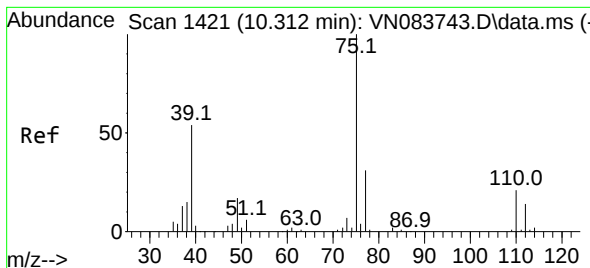
Tgt Ion: 75 Resp: 139609

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

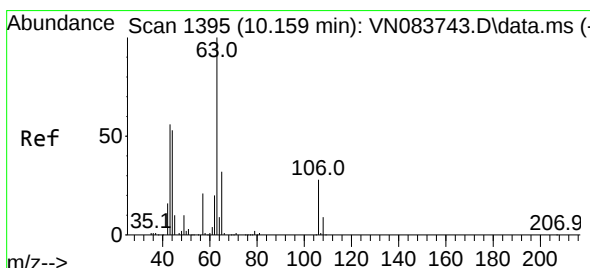
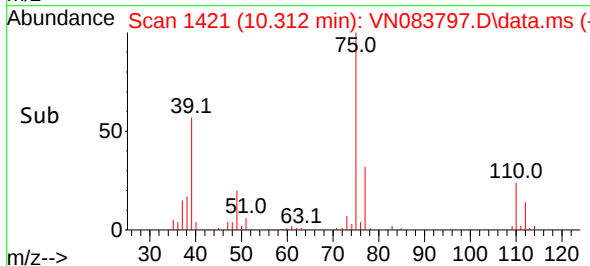
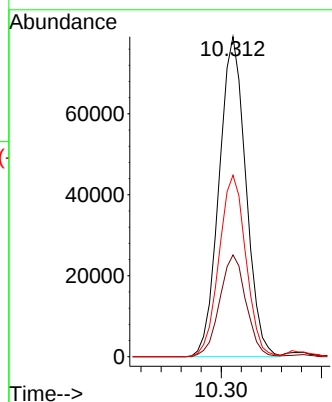
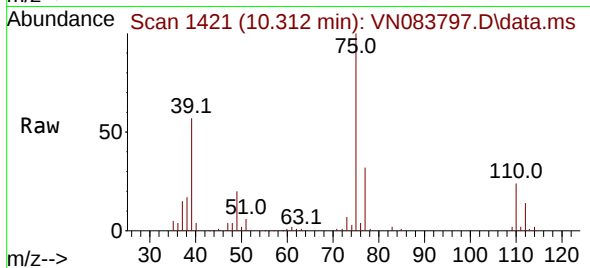




#54
 cis-1,3-Dichloropropene
 Concen: 49.081 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

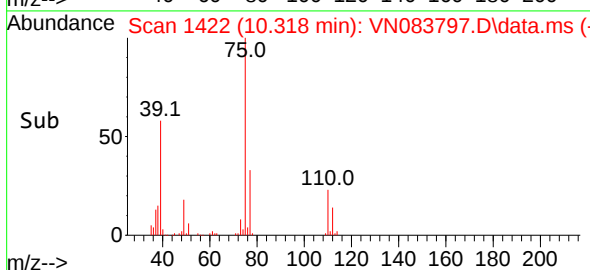
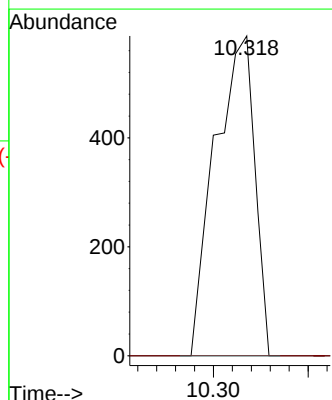
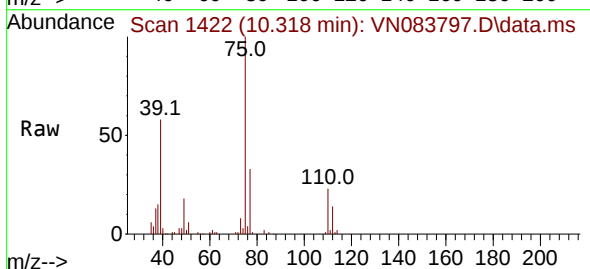
Instrument :
 MSVOA_N
 ClientSampleId :

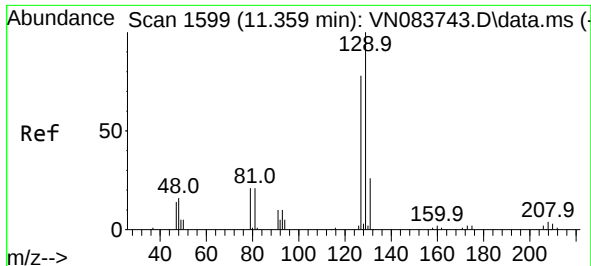
Tgt Ion: 75 Resp: 146144
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 56.7 42.6 64.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.884 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.159 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

Tgt Ion: 63 Resp: 854
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.3 34.9#

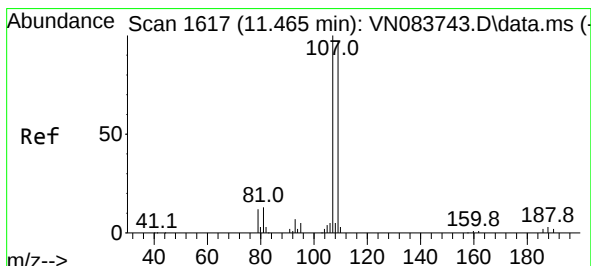
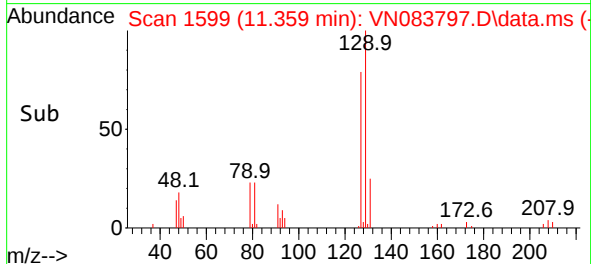
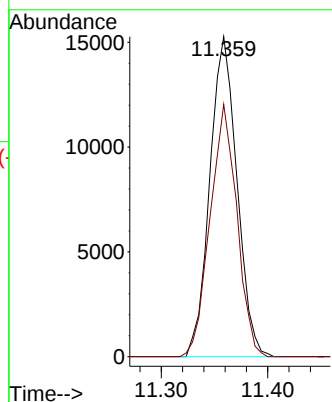
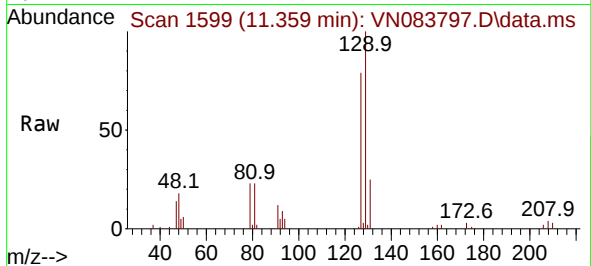




#60
Dibromochloromethane
Concen: 13.848 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

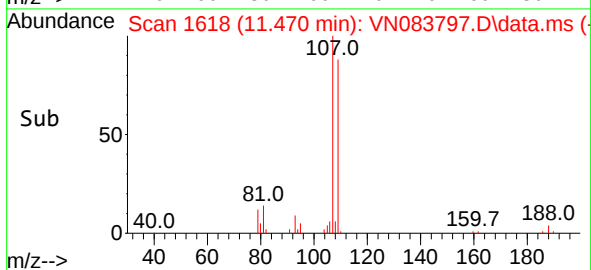
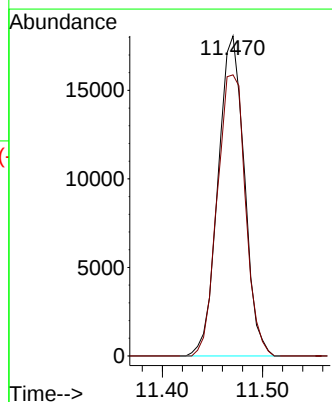
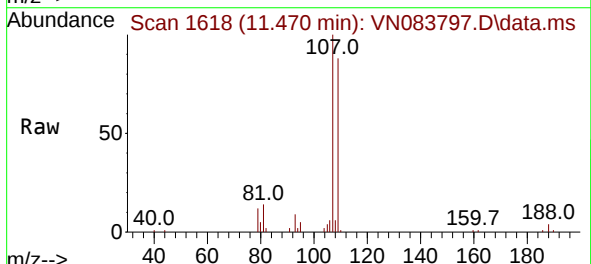
Instrument :
MSVOA_N
ClientSampleId :

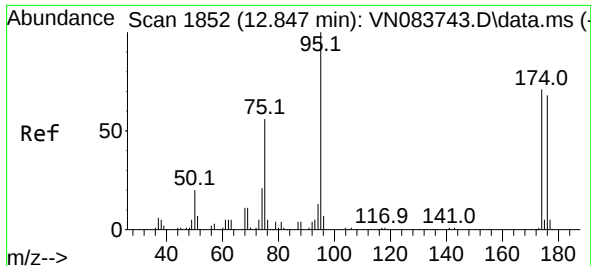
Tgt Ion:129 Resp: 27013
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9



#61
1,2-Dibromoethane
Concen: 18.923 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion:107 Resp: 32894
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

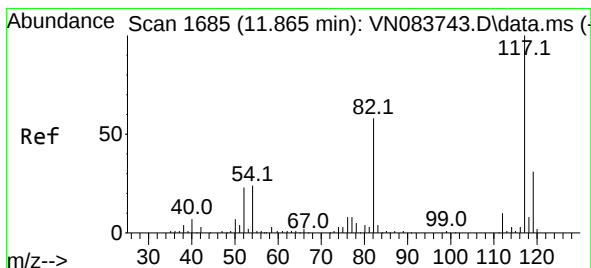
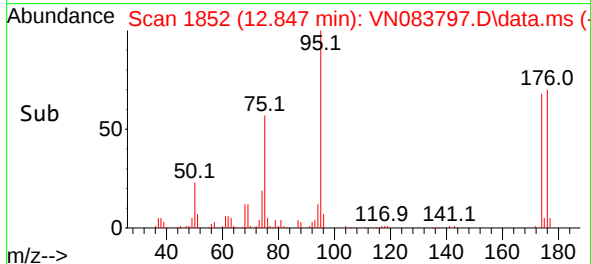
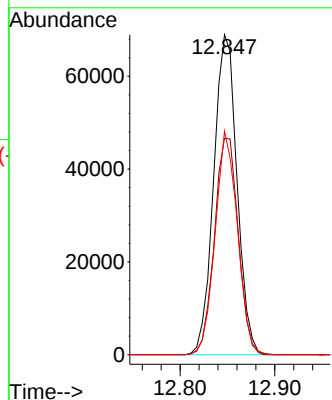
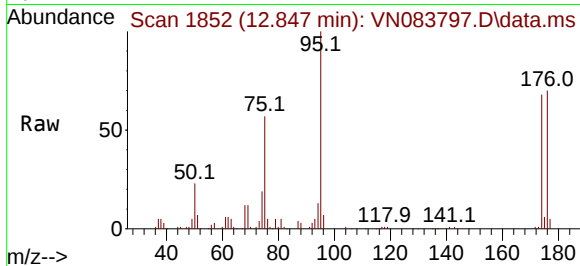




#62
4-Bromofluorobenzene
Concen: 49.095 ug/l
RT: 12.847 min Scan# 117981
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

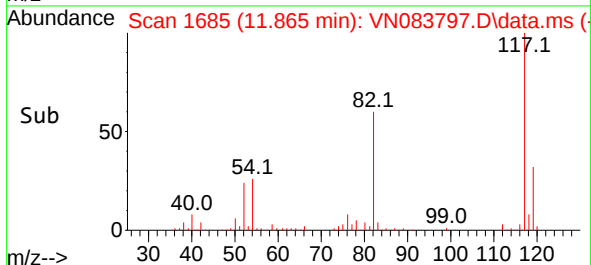
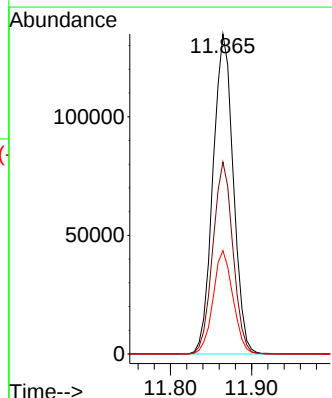
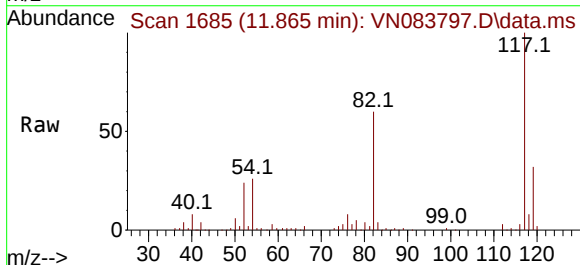
Instrument :
MSVOA_N
ClientSampleId :

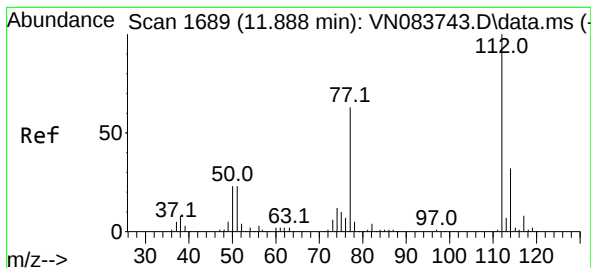
Tgt Ion: 95 Resp: 117981
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.8
176 66.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 117 Resp: 234657
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.0
119 32.3 26.3 39.5





#65

Chlorobenzene

Concen: 20.597 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

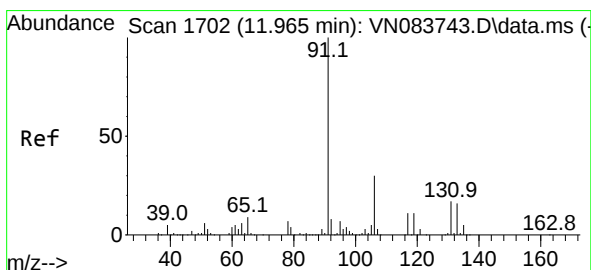
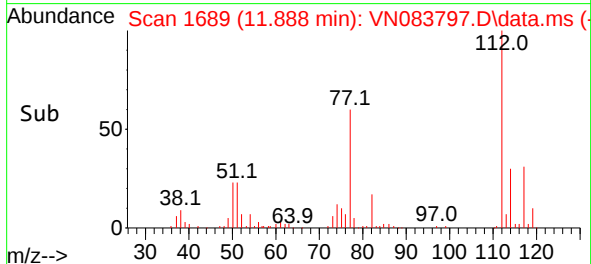
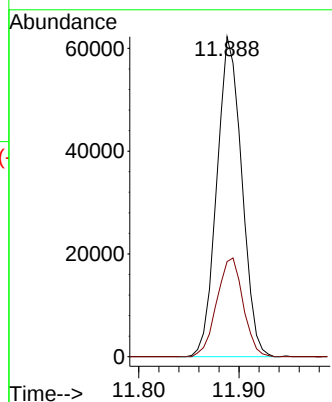
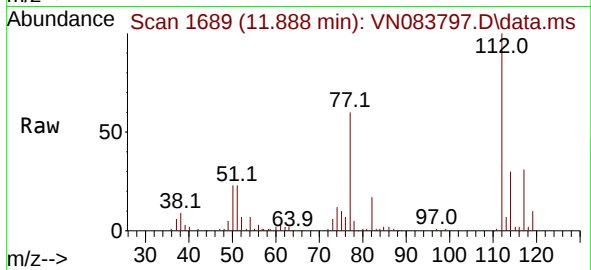
ClientSampleId :

Tgt Ion:112 Resp: 107422

Ion Ratio Lower Upper

112 100

114 29.7 25.7 38.5



#67

Ethyl Benzene

Concen: 39.357 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083797.D

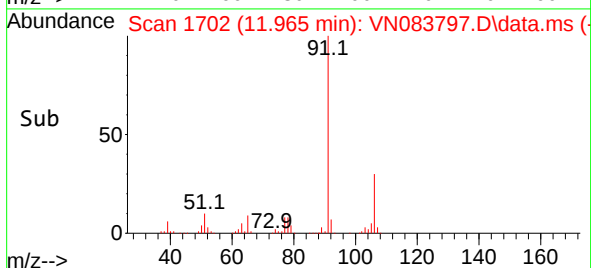
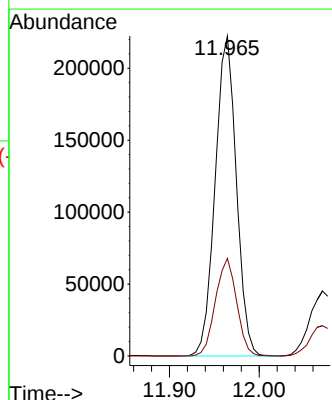
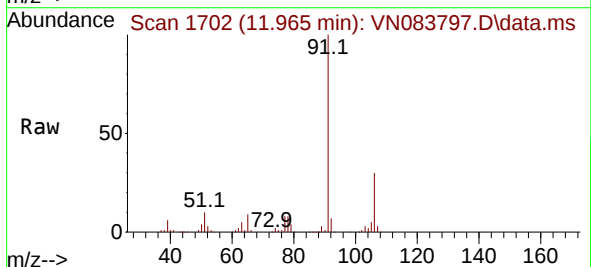
Acq: 11 Sep 2024 15:33

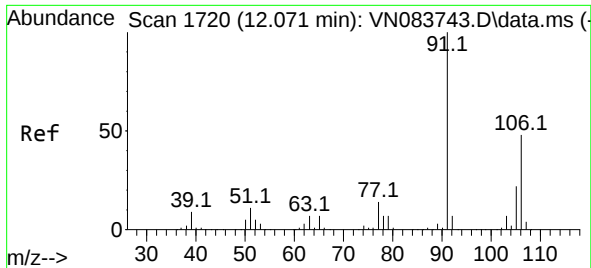
Tgt Ion: 91 Resp: 364635

Ion Ratio Lower Upper

91 100

106 30.5 24.3 36.5

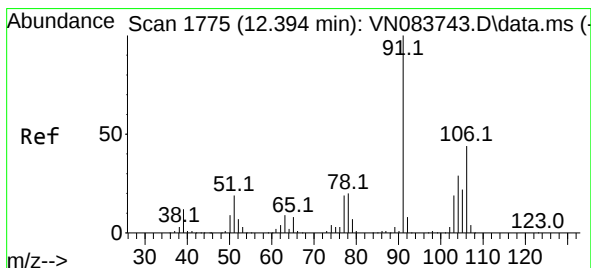
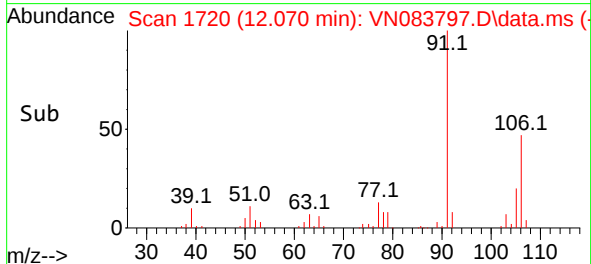
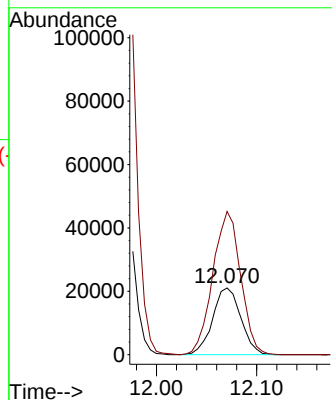
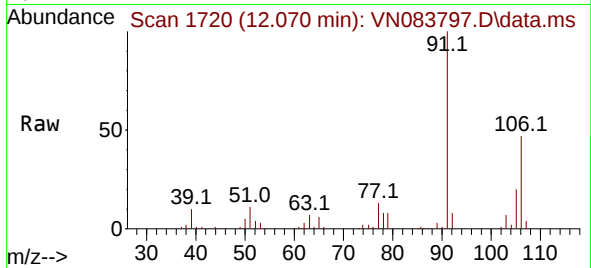




#68
m/p-Xylenes
Concen: 11.942 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

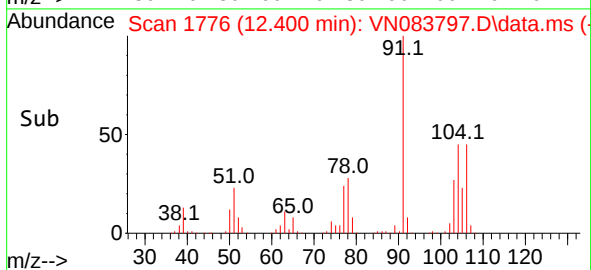
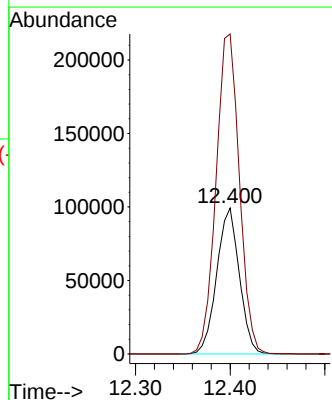
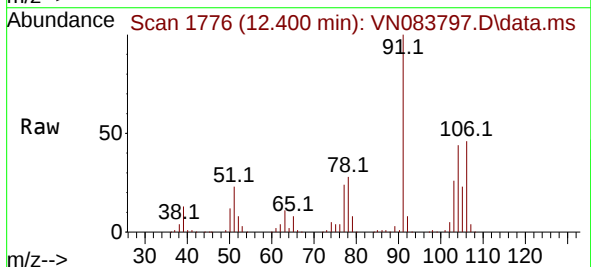
Instrument :
MSVOA_N
ClientSampleId :

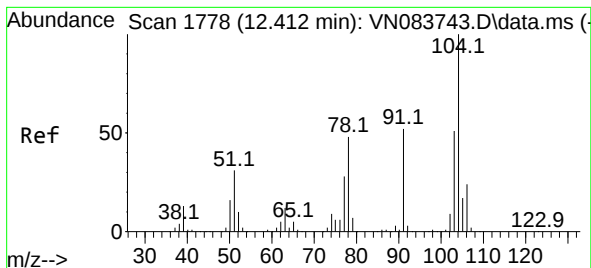
Tgt Ion:106 Resp: 41076
Ion Ratio Lower Upper
106 100
91 212.2 169.2 253.8



#69
o-Xylene
Concen: 49.423 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion:106 Resp: 164570
Ion Ratio Lower Upper
106 100
91 226.4 112.9 338.6





#70

Styrene

Concen: 46.547 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

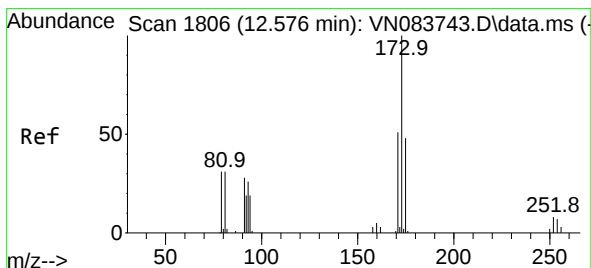
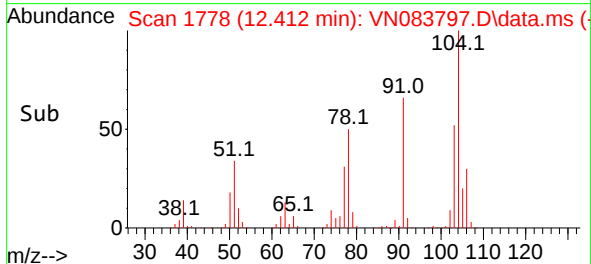
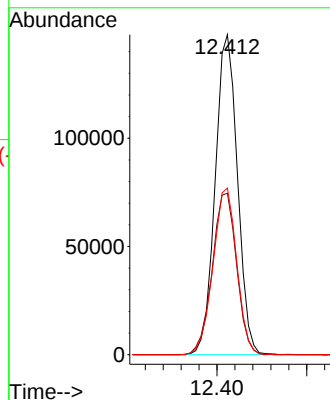
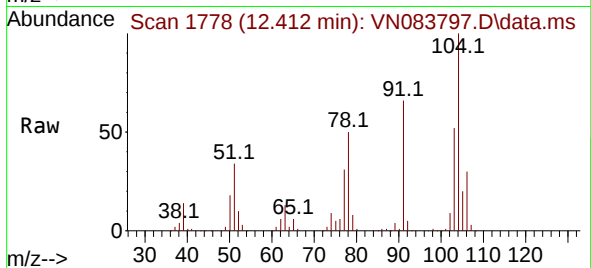
Tgt Ion:104 Resp: 254368

Ion Ratio Lower Upper

104 100

78 55.2 43.3 64.9

103 55.5 43.4 65.2



#71

Bromoform

Concen: 33.383 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

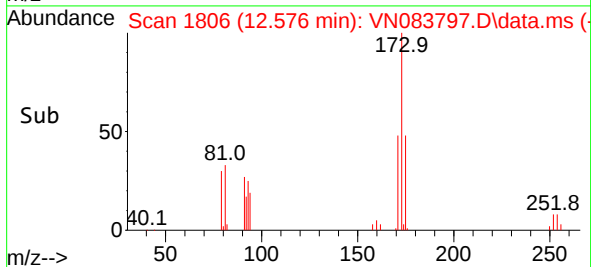
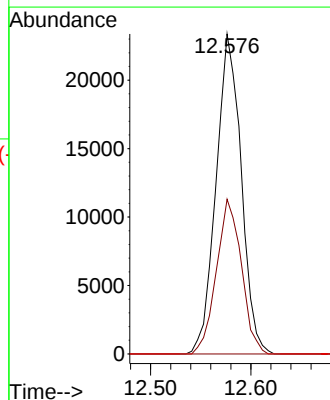
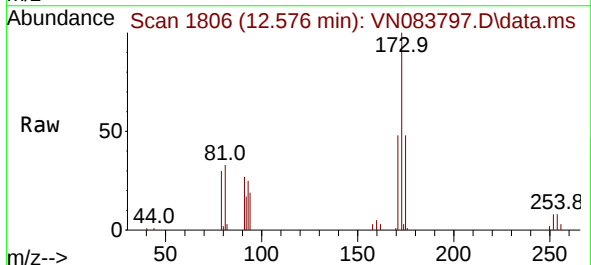
Tgt Ion:173 Resp: 40673

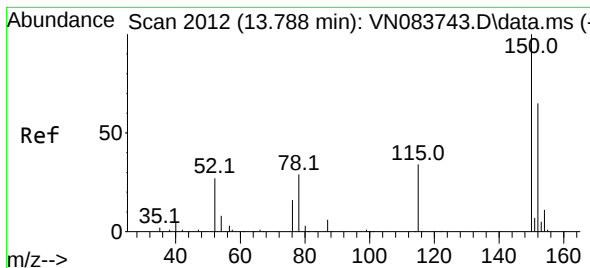
Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

ClientSampleId :

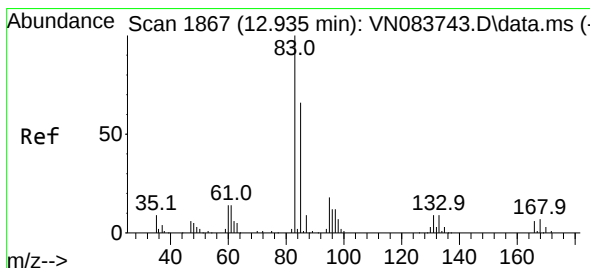
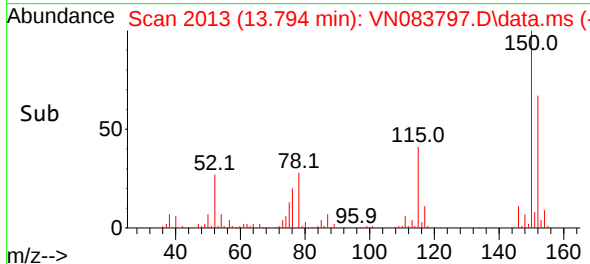
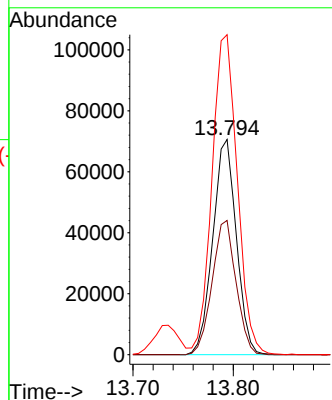
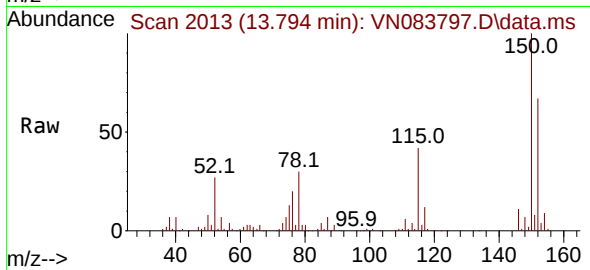
Tgt Ion:152 Resp: 115304

Ion Ratio Lower Upper

152 100

115 63.2 32.2 96.6

150 160.1 0.0 348.6



#75

1,1,2,2-Tetrachloroethane

Concen: 1.111 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.059 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

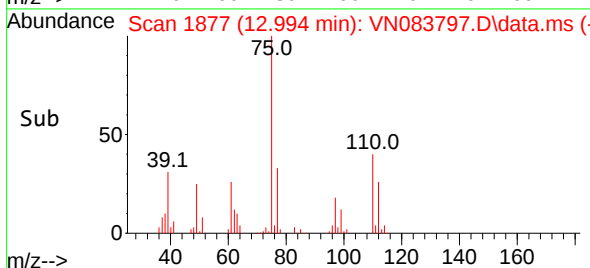
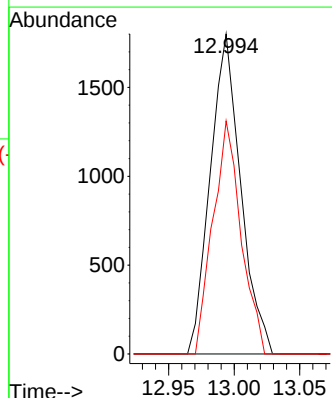
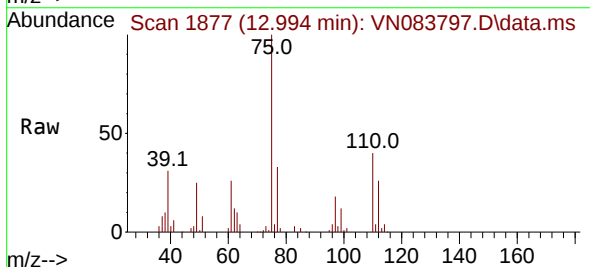
Tgt Ion: 83 Resp: 2911

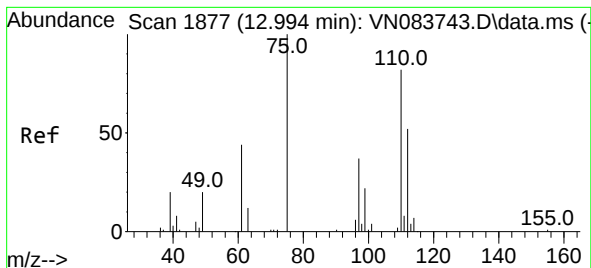
Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 67.1 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 43.859 ug/l

RT: 12.994 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

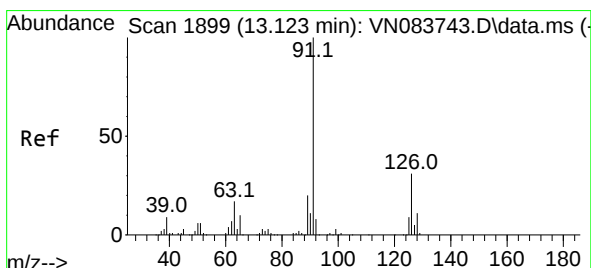
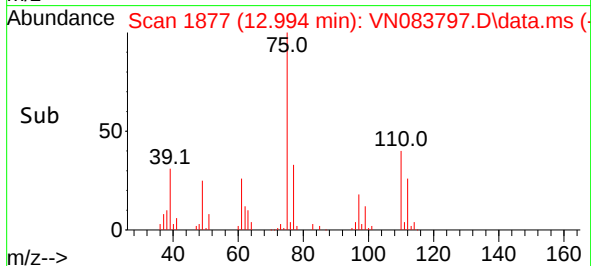
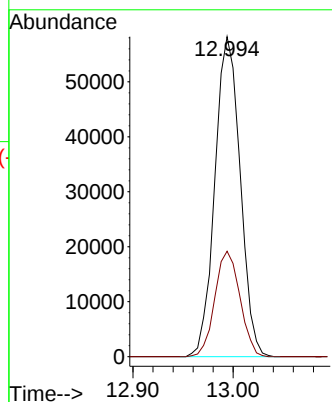
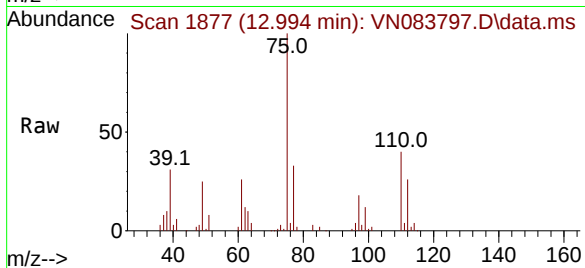
ClientSampleId :

Tgt Ion: 75 Resp: 102042

Ion Ratio Lower Upper

75 100

77 32.6 95.2 285.6#



#79

2-Chlorotoluene

Concen: 1.791 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.053 min

Lab File: VN083797.D

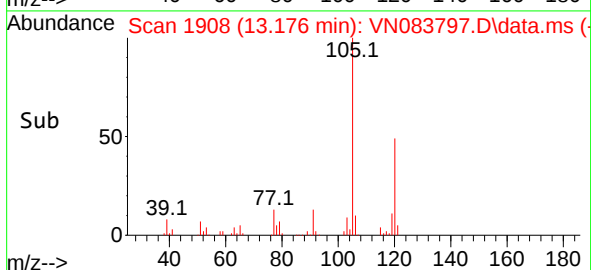
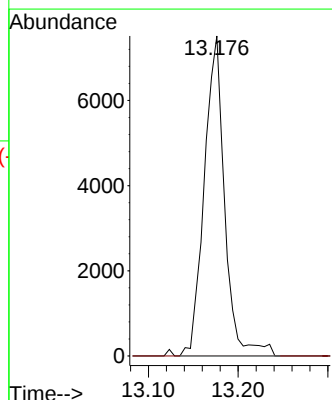
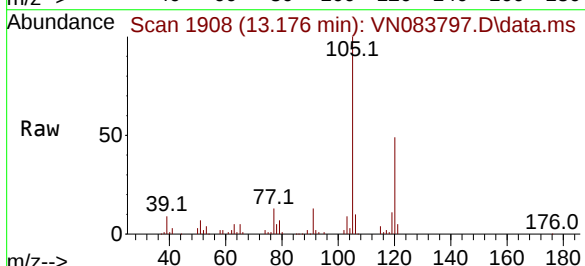
Acq: 11 Sep 2024 15:33

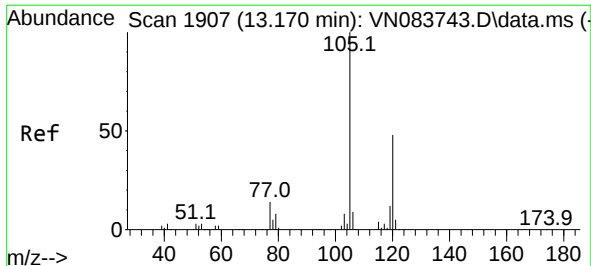
Tgt Ion: 91 Resp: 11857

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#

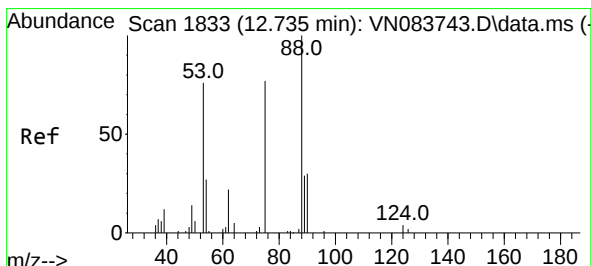
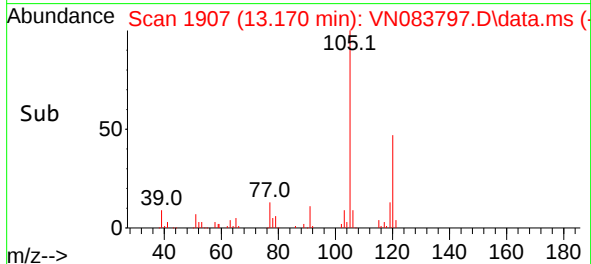
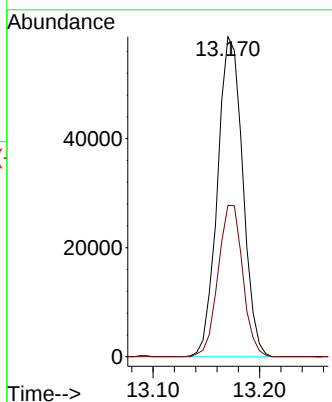
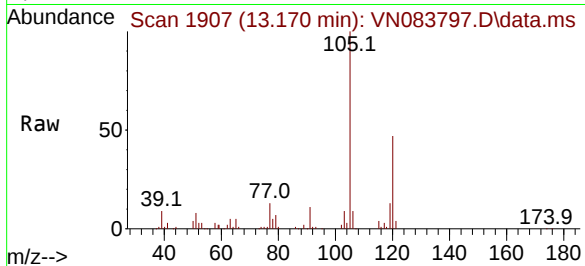




#80
 1,3,5-Trimethylbenzene
 Concen: 12.837 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

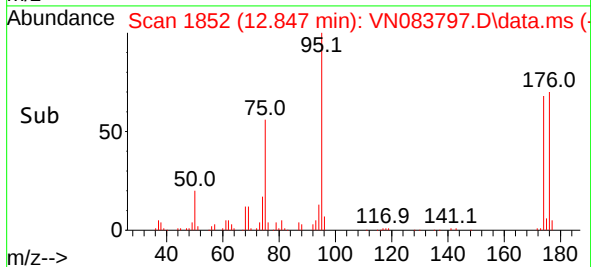
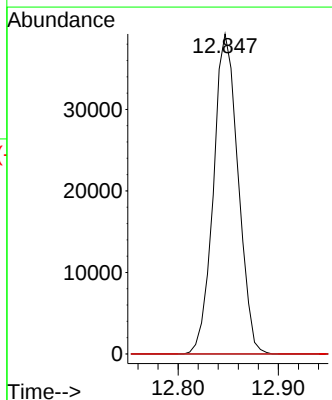
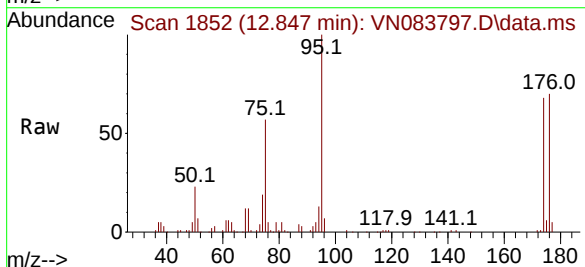
Instrument :
 MSVOA_N
 ClientSampleId :

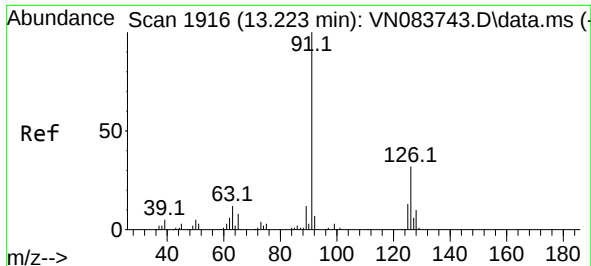
Tgt Ion:105 Resp: 96549
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.504 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

Tgt Ion: 75 Resp: 67073
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

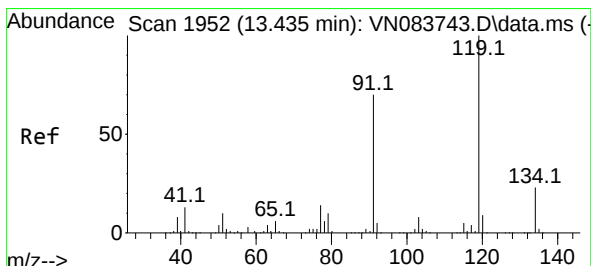
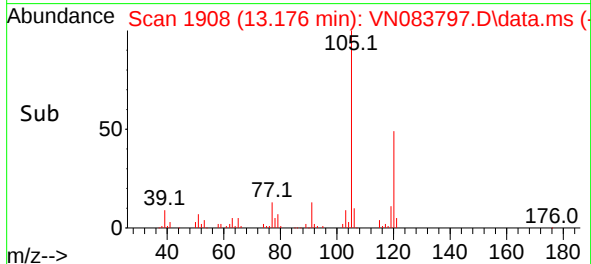
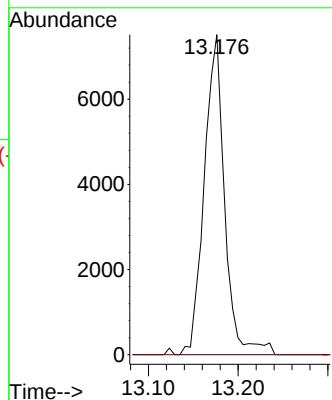
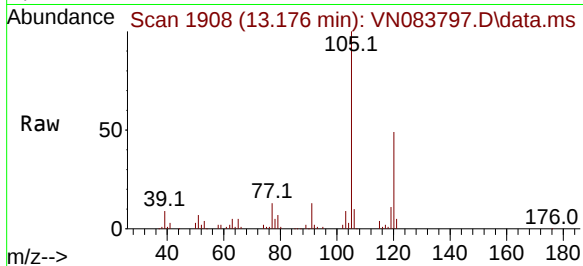




#82
4-Chlorotoluene
Concen: 1.785 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.047 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

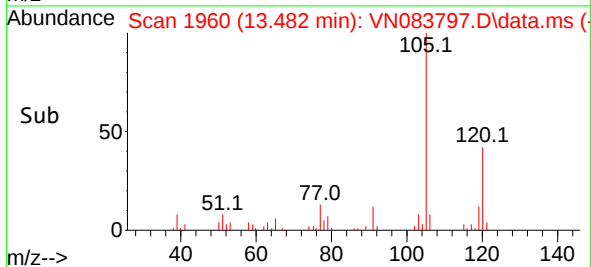
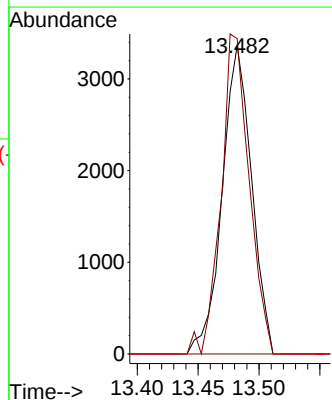
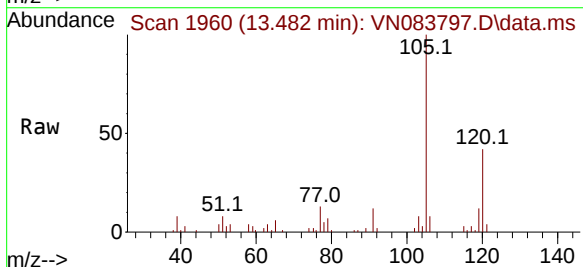
Instrument :
MSVOA_N
ClientSampleId :

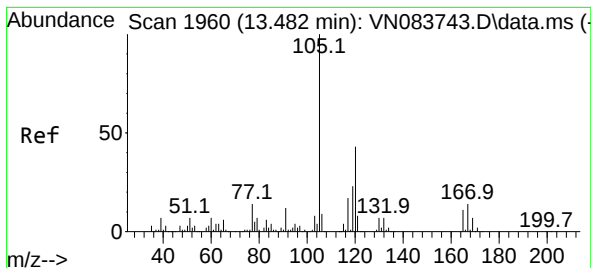
Tgt Ion: 91 Resp: 11857
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#



#83
tert-Butylbenzene
Concen: 0.858 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

Tgt Ion: 119 Resp: 5644
Ion Ratio Lower Upper
119 100
91 99.2 34.5 103.6
134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 6.241 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083797.D

Acq: 11 Sep 2024 15:33

Instrument :

MSVOA_N

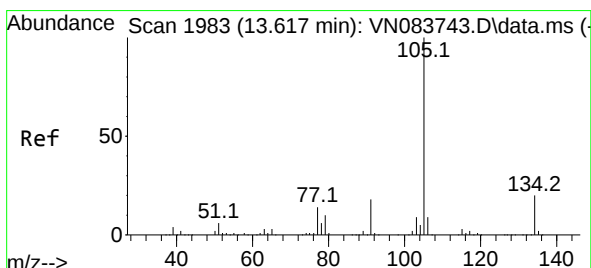
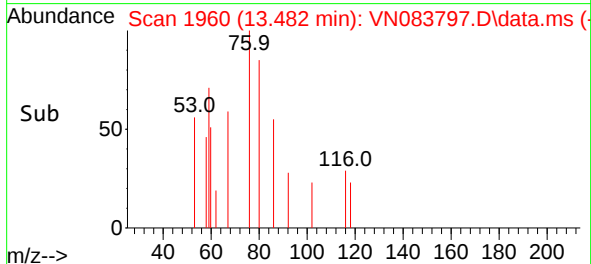
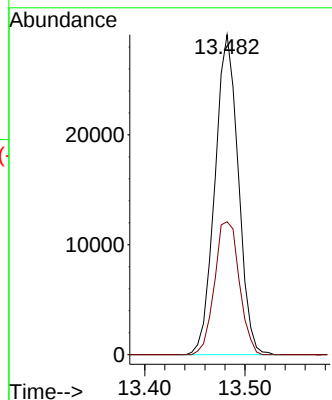
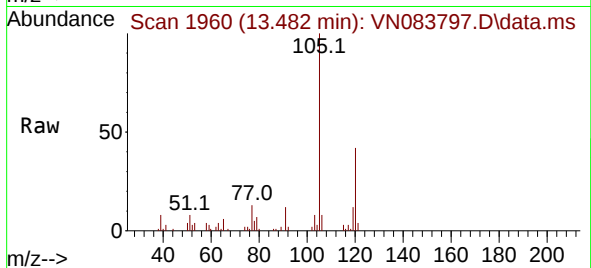
ClientSampleId :

Tgt Ion:105 Resp: 47147

Ion Ratio Lower Upper

105 100

120 44.0 21.8 65.4



#85

sec-Butylbenzene

Concen: 5.403 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN083797.D

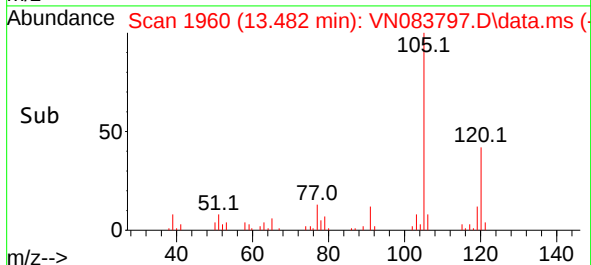
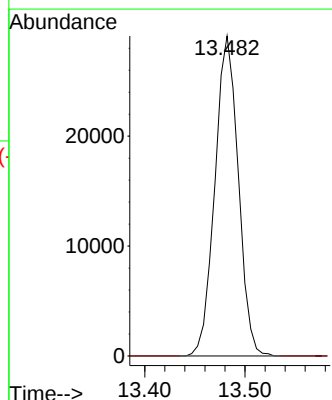
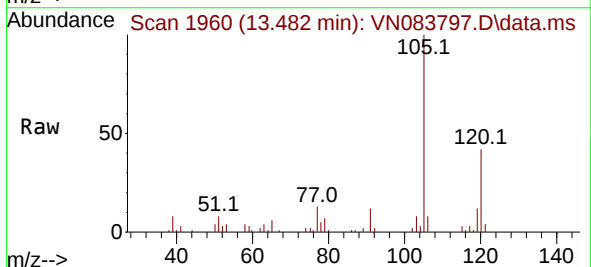
Acq: 11 Sep 2024 15:33

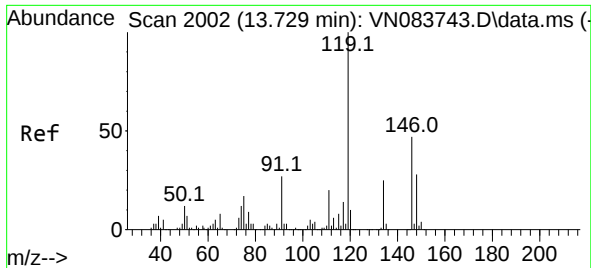
Tgt Ion:105 Resp: 47147

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#

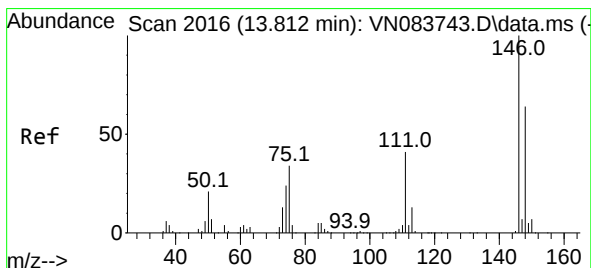
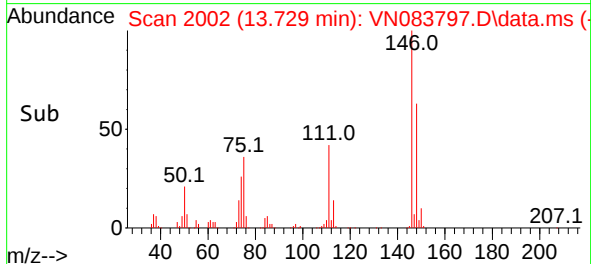
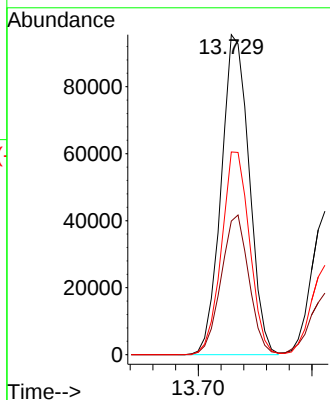
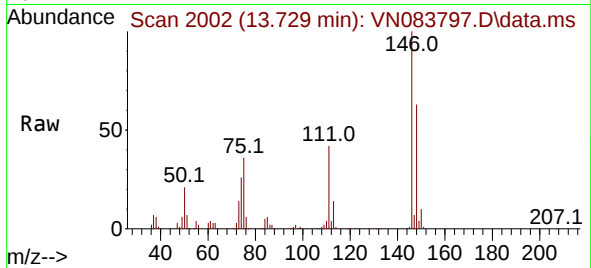




#87
 1,3-Dichlorobenzene
 Concen: 40.352 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

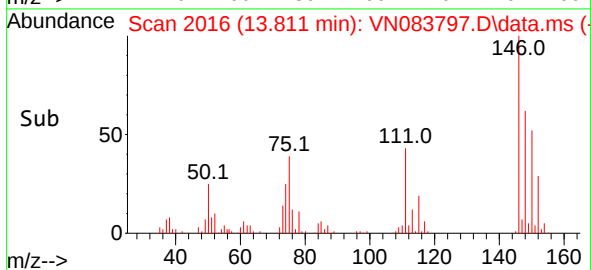
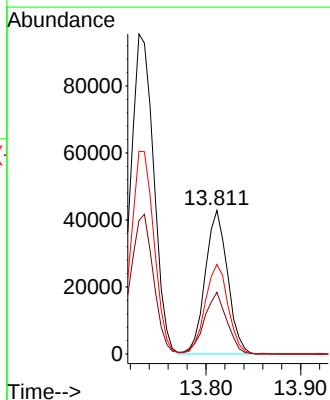
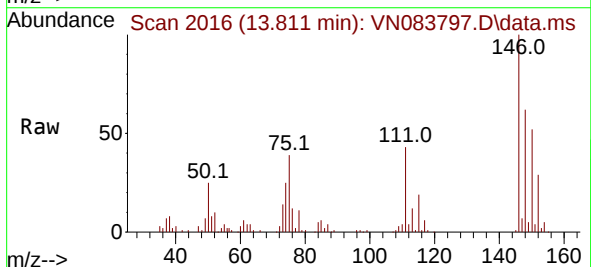
Instrument :
 MSVOA_N
 ClientSampleId :

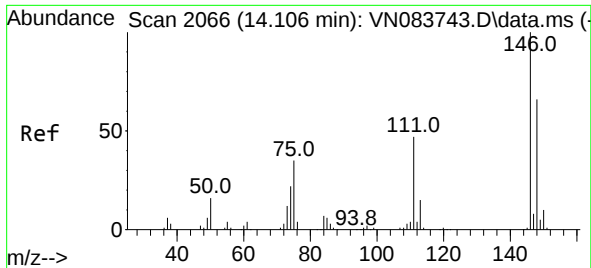
Tgt Ion:146 Resp: 163526
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.7 65.1
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.102 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

Tgt Ion:146 Resp: 70177
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.3 64.0
 148 64.0 32.0 96.2

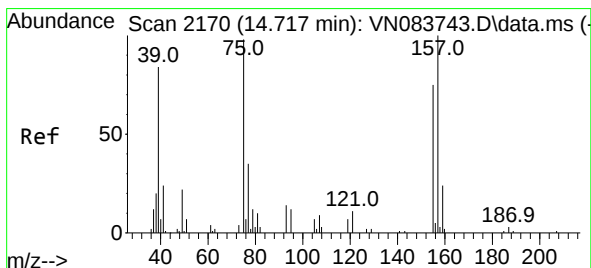
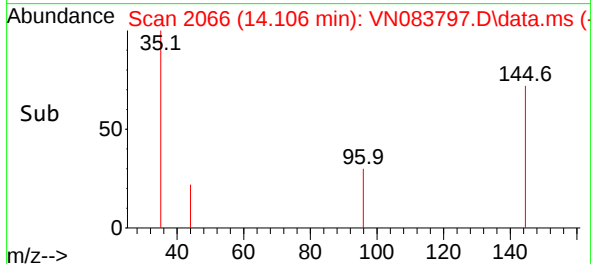
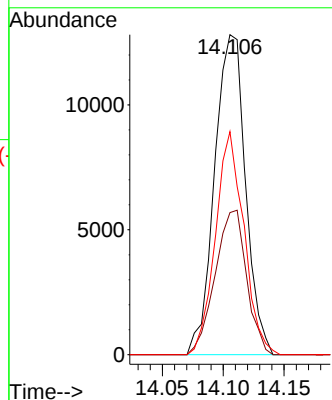
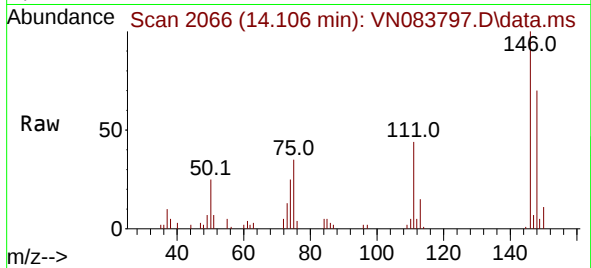




#91
1,2-Dichlorobenzene
Concen: 5.802 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

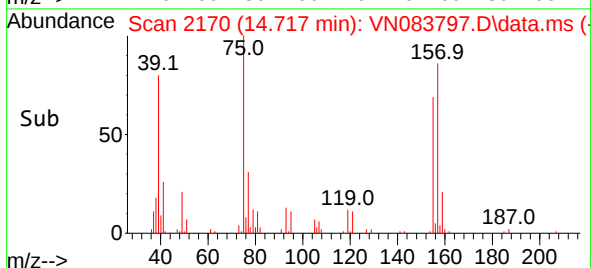
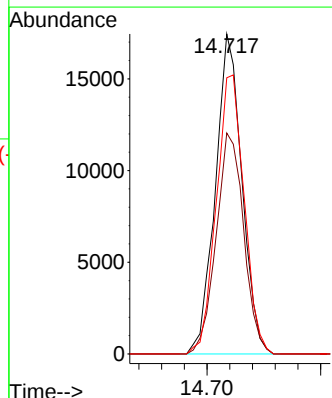
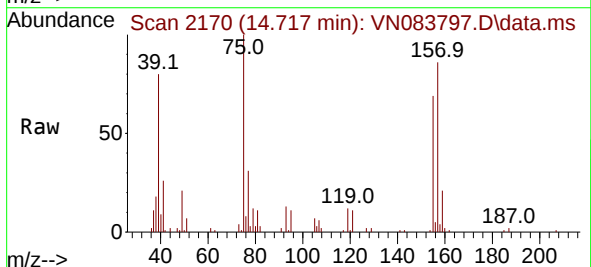
Instrument :
MSVOA_N
ClientSampleId :

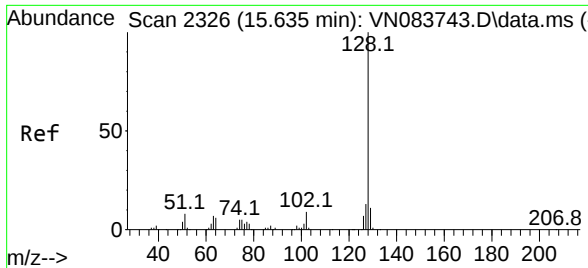
Tgt Ion:146 Resp: 22690
Ion Ratio Lower Upper
146 100
111 45.8 22.8 68.3
148 63.9 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.085 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083797.D
Acq: 11 Sep 2024 15:33

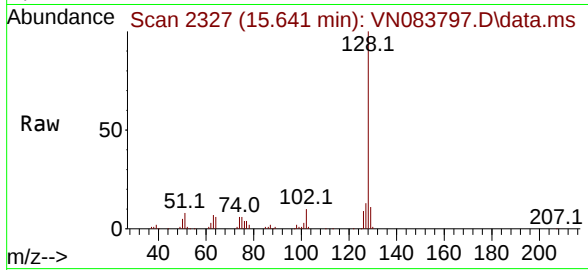
Tgt Ion: 75 Resp: 28259
Ion Ratio Lower Upper
75 100
155 71.9 35.9 107.7
157 91.3 47.5 142.5





#95
 Naphthalene
 Concen: 29.704 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN083797.D
 Acq: 11 Sep 2024 15:33

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	189667
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.7	13.1

