

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084049.D
 Acq On : 19 Sep 2024 21:18
 Operator : JC\MD
 Sample : P4003-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:38:16 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

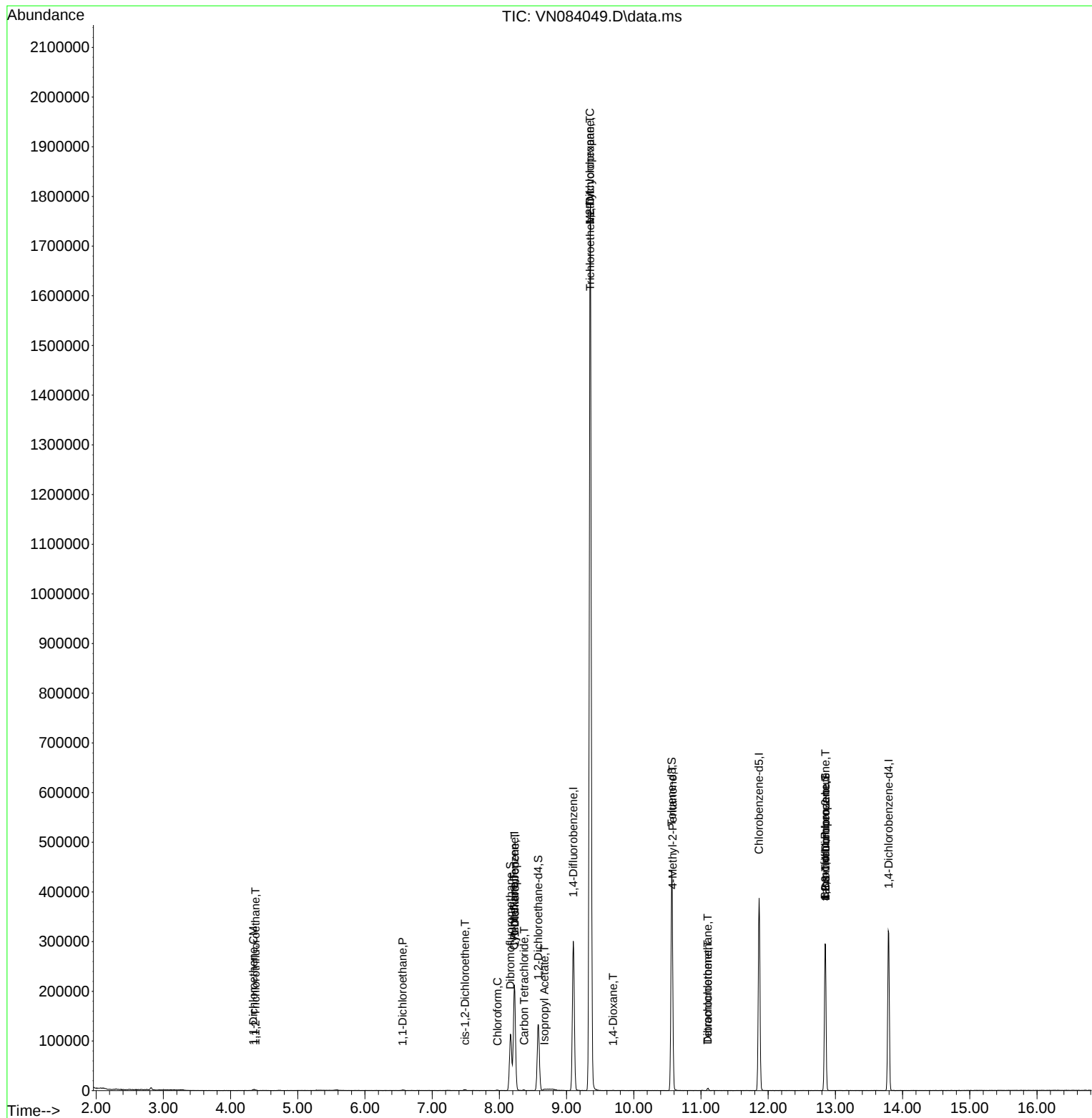
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	141725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114320	53.495	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.000%		
35) Dibromofluoromethane	8.165	113	79774	50.584	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.160%		
50) Toluene-d8	10.565	98	296923	54.461	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.920%		
62) 4-Bromofluorobenzene	12.853	95	99311	44.151	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 88.300%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	545	Below Cal	#	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	705	0.434	ug/l #	41
12) 1,1-Dichloroethene	4.342	96	1141	0.744	ug/l #	54
18) Methyl Acetate	5.018	43	118	Below Cal	#	52
24) 1,1-Dichloroethane	6.559	63	1867	0.576	ug/l #	82
27) cis-1,2-Dichloroethene	7.488	96	1181	0.606	ug/l	37
30) Chloroform	7.971	83	963	0.280	ug/l #	75
31) Cyclohexane	8.218	56	3575	1.157	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	14133	5.954	ug/l #	50
38) Carbon Tetrachloride	8.371	117	1126	0.418	ug/l #	48
39) Methylcyclohexane	9.347	83	8252	3.054	ug/l #	1
43) Isopropyl Acetate	8.671	43	1283	0.329	ug/l #	57
44) Trichloroethene	9.353	130	596806	360.718	ug/l	93
45) 1,2-Dichloropropane	9.347	63	2134	1.236	ug/l #	1
49) 1,4-Dioxane	9.694	88	454	14.898	ug/l #	87
51) 4-Methyl-2-Pentanone	10.576	43	1577	0.742	ug/l #	1
60) Dibromochloromethane	11.100	129	1077	0.590	ug/l #	10
64) Tetrachloroethene	11.100	164	1144	0.832	ug/l	94
71) Bromoform	12.847	173	743	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	58307	35.264	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	58307	92.360	ug/l #	9

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

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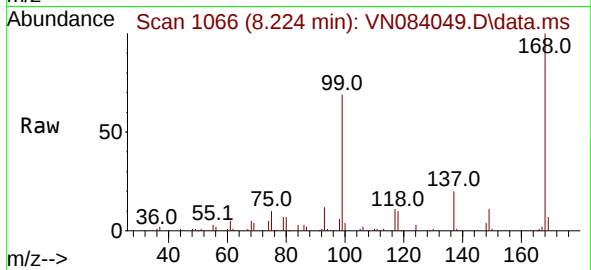
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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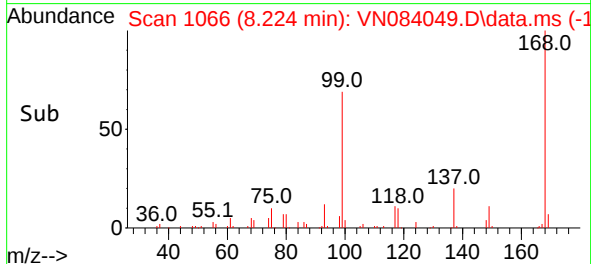
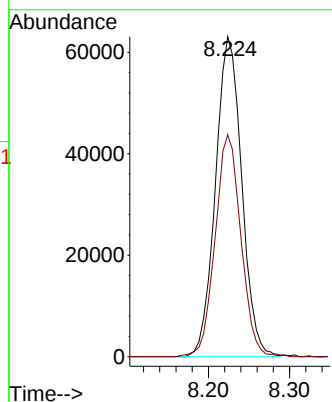


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Instrument :
MSVOA_N
ClientSampleId :

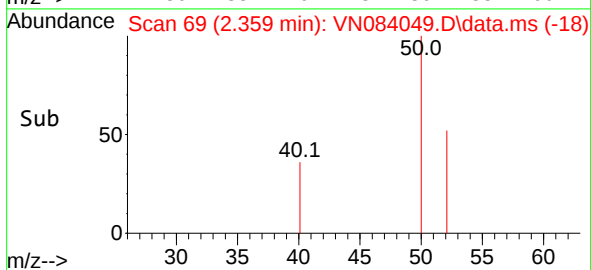
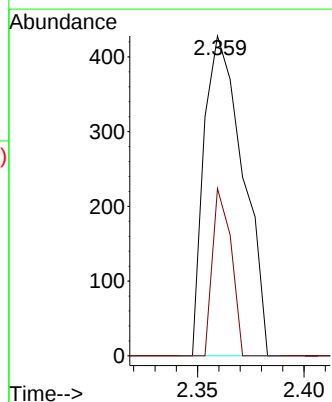
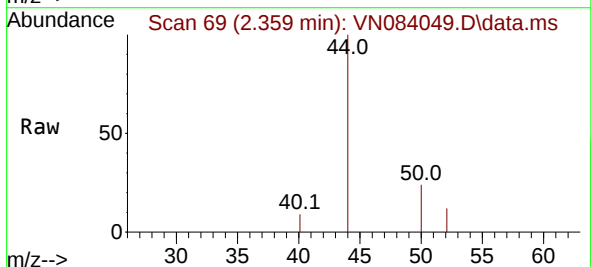


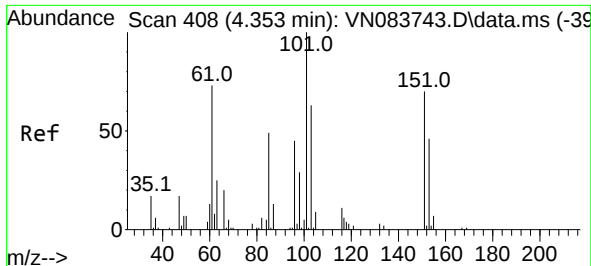
Tgt Ion:168 Resp: 141725
Ion Ratio Lower Upper
168 100
99 69.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 52.3 27.2 40.8#

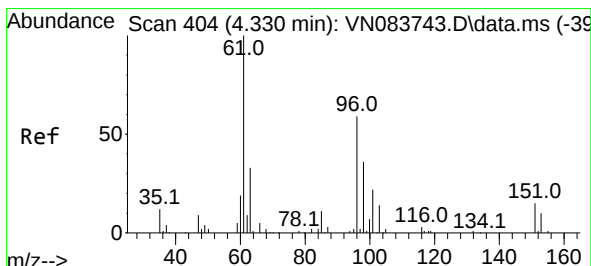
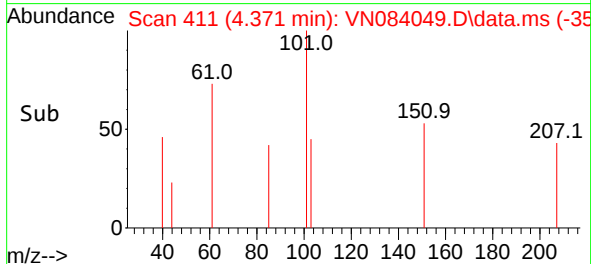
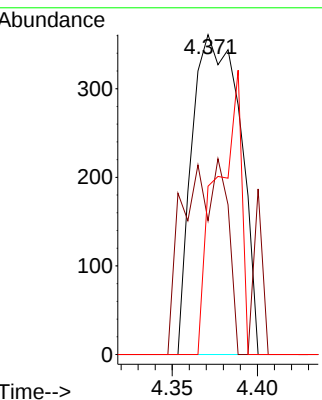
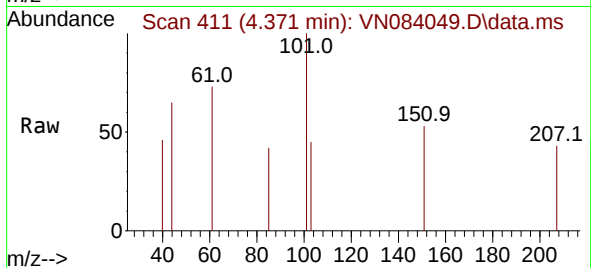




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.434 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.018 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18

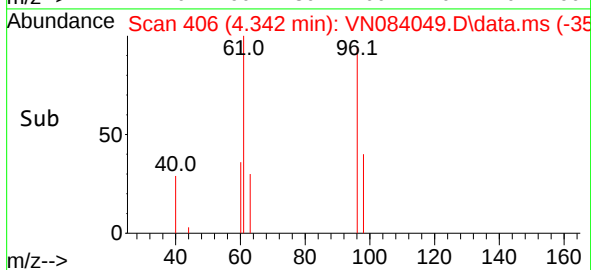
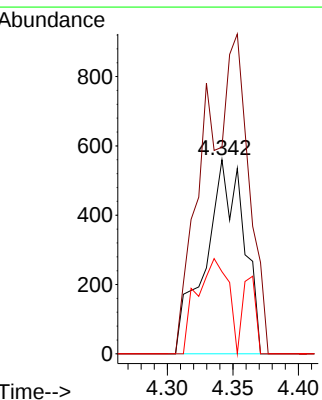
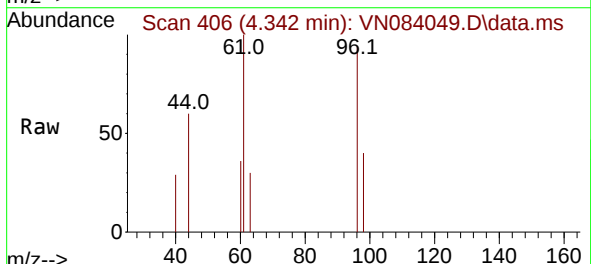
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 101 Resp: 705
 Ion Ratio Lower Upper
 101 100
 85 54.5 36.2 54.4#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.744 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.012 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18

Tgt Ion: 96 Resp: 1141
 Ion Ratio Lower Upper
 96 100
 61 106.4 143.4 215.0#
 98 42.3 52.7 79.1#





#18

Methyl Acetate

Concen: Below Cal

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN084049.D

Acq: 19 Sep 2024 21:18

Instrument :

MSVOA_N

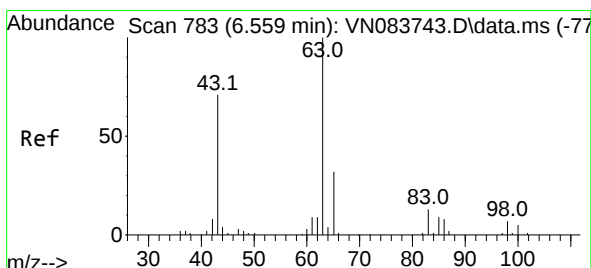
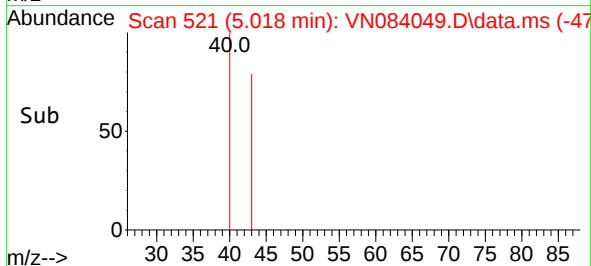
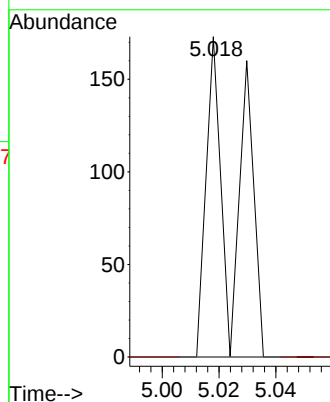
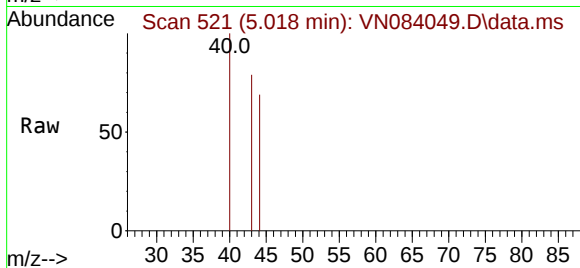
ClientSampleId :

Tgt Ion: 43 Resp: 118

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#



#24

1,1-Dichloroethane

Concen: 0.576 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.000 min

Lab File: VN084049.D

Acq: 19 Sep 2024 21:18

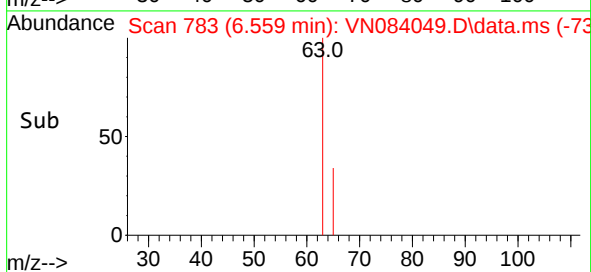
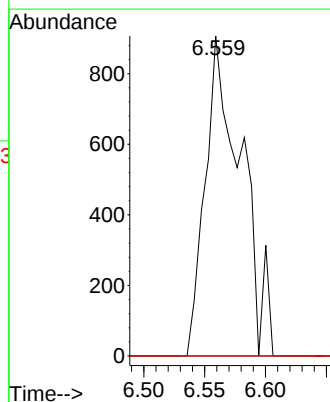
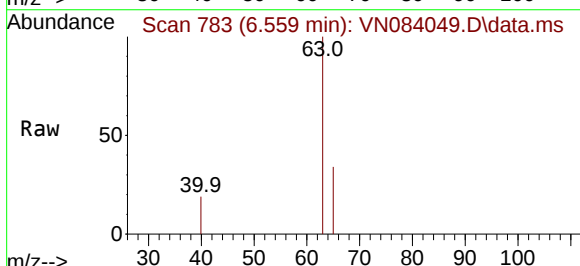
Tgt Ion: 63 Resp: 1867

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.4#

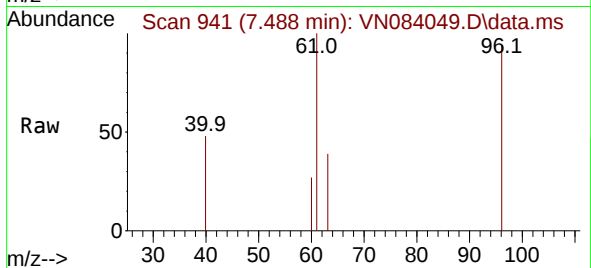
100 0.0 2.5 7.5#



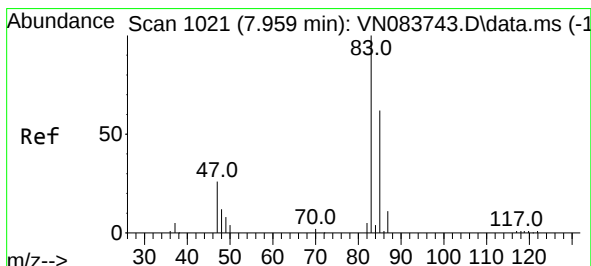
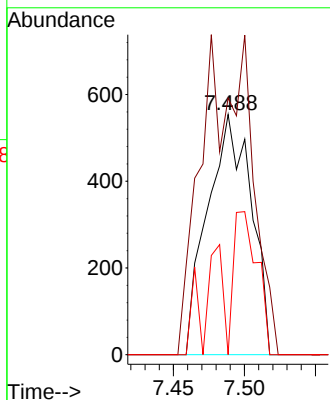
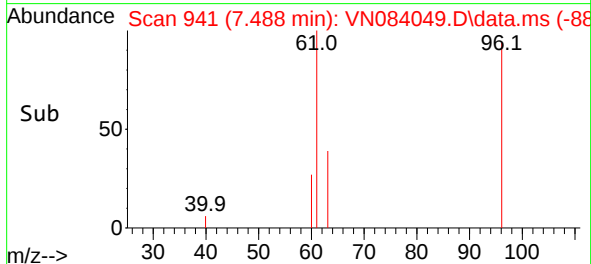


#27
 cis-1,2-Dichloroethene
 Concen: 0.606 ug/l
 RT: 7.488 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18

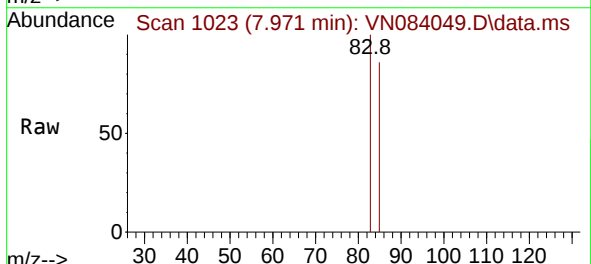
Instrument :
 MSVOA_N
 ClientSampleId :



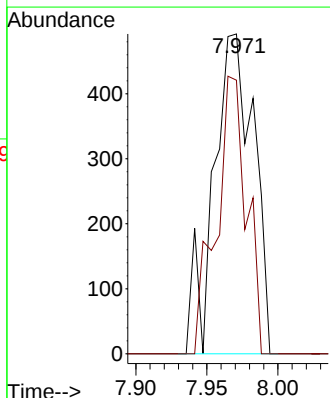
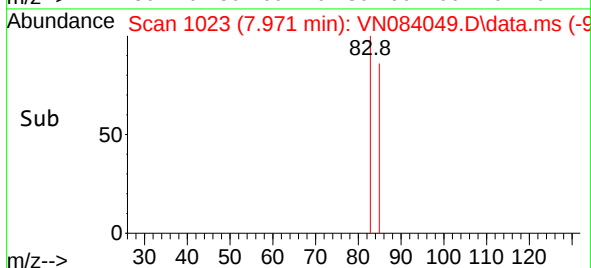
Tgt Ion: 96 Resp: 1181
 Ion Ratio Lower Upper
 96 100
 61 67.6 0.0 306.2
 98 20.5 0.0 128.6

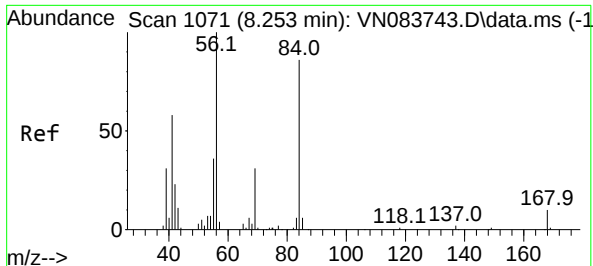


#30
 Chloroform
 Concen: 0.280 ug/l
 RT: 7.971 min Scan# 1023
 Delta R.T. 0.012 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18



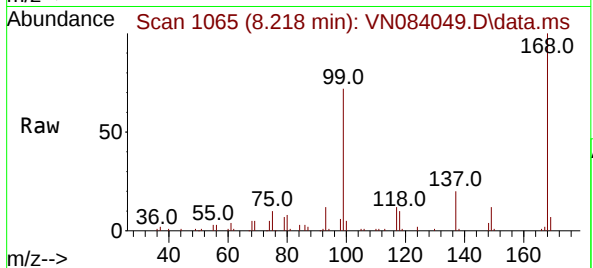
Tgt Ion: 83 Resp: 963
 Ion Ratio Lower Upper
 83 100
 85 85.6 52.8 79.2#



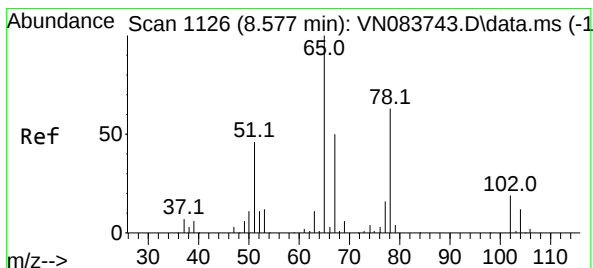
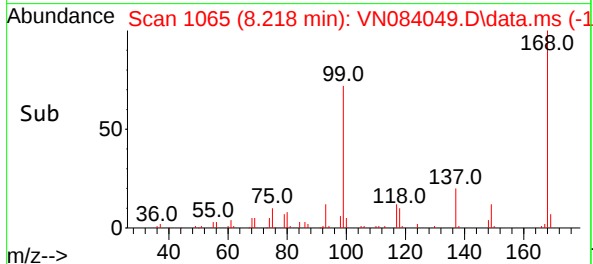
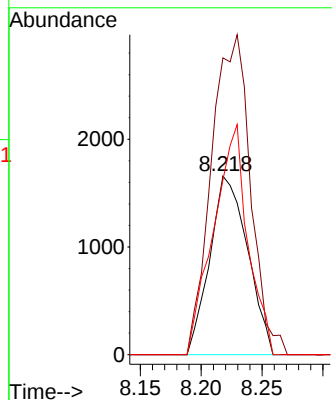


#31
Cyclohexane
Concen: 1.157 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Instrument :
MSVOA_N
ClientSampleId :

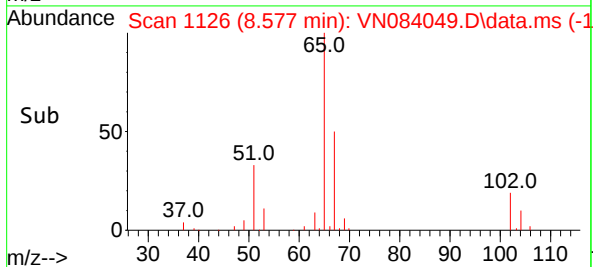
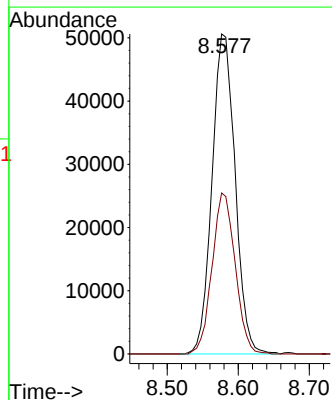
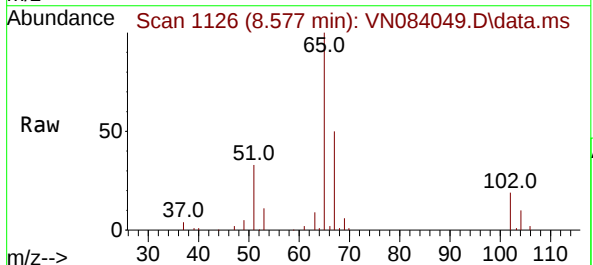


Tgt Ion: 56 Resp: 3575
Ion Ratio Lower Upper
56 100
69 166.2 26.9 40.3#
84 97.8 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 53.495 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

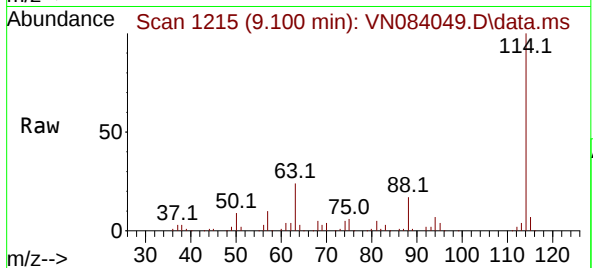
Tgt Ion: 65 Resp: 114320
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8



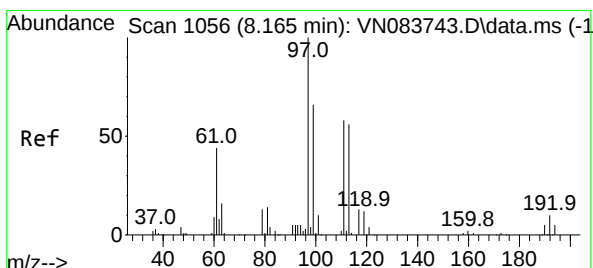
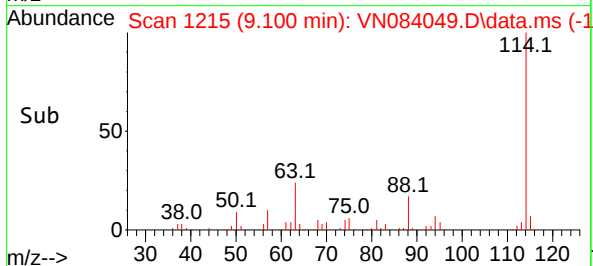
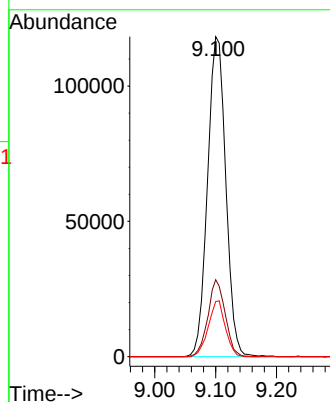


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Instrument :
MSVOA_N
ClientSampleId :

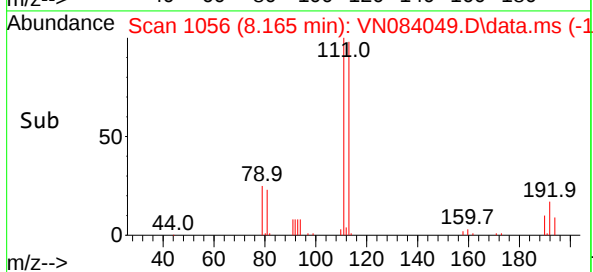
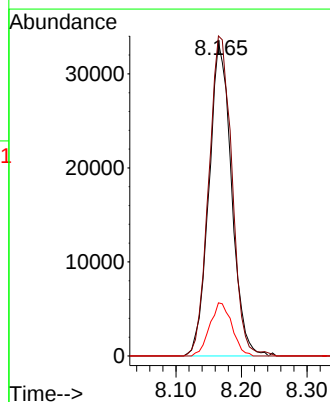
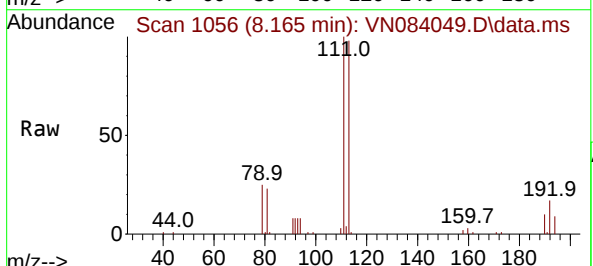


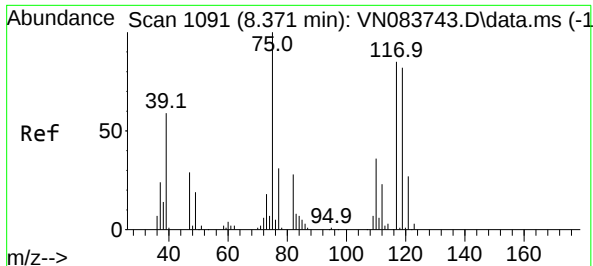
Tgt Ion:114 Resp: 246345
Ion Ratio Lower Upper
114 100
63 24.1 0.0 43.4
88 17.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Tgt Ion:113 Resp: 79774
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 16.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.954 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

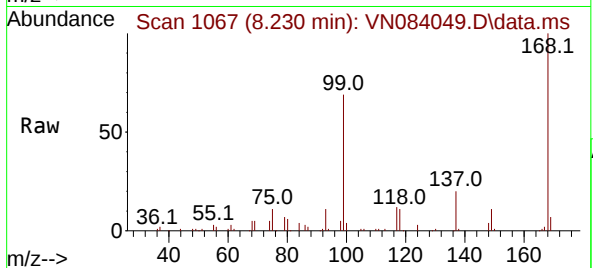
Lab File: VN084049.D

Acq: 19 Sep 2024 21:18

Instrument :

MSVOA_N

ClientSampleId :



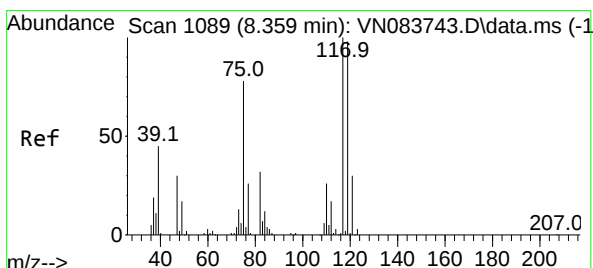
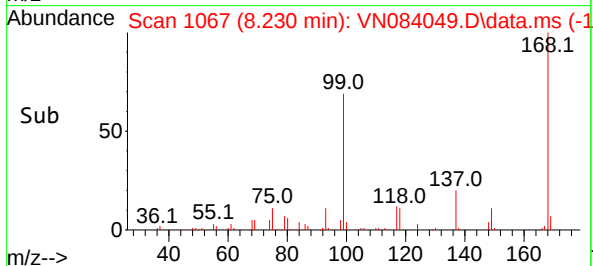
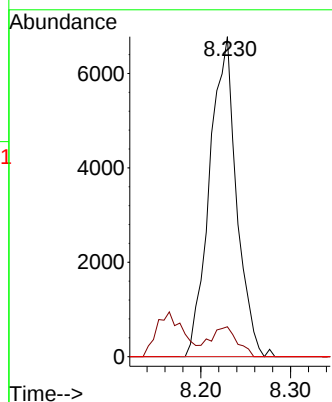
Tgt Ion: 75 Resp: 14133

Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 0.418 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.012 min

Lab File: VN084049.D

Acq: 19 Sep 2024 21:18

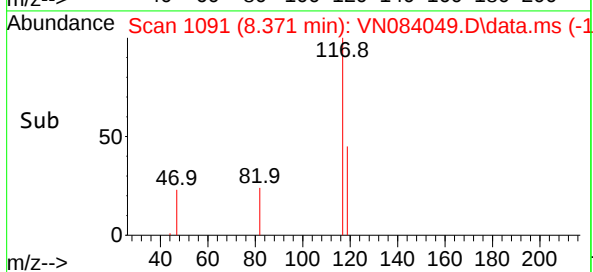
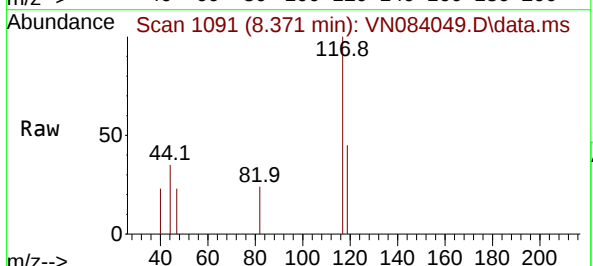
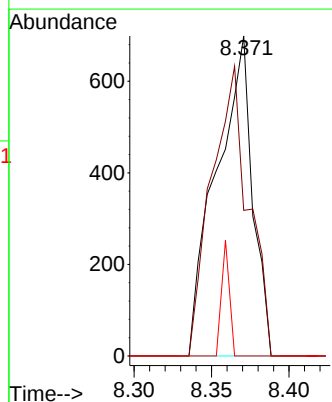
Tgt Ion: 117 Resp: 1126

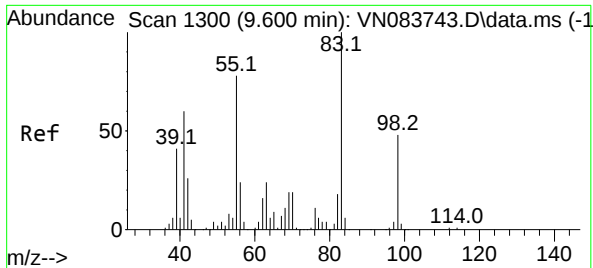
Ion Ratio Lower Upper

117 100

119 45.5 76.1 114.1#

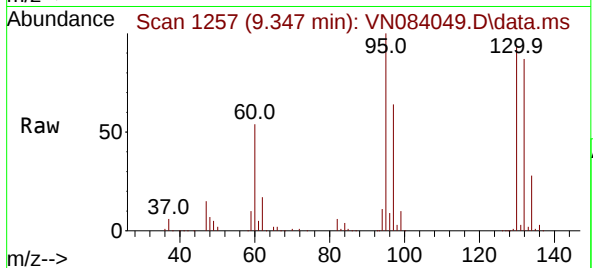
121 0.0 24.1 36.1#



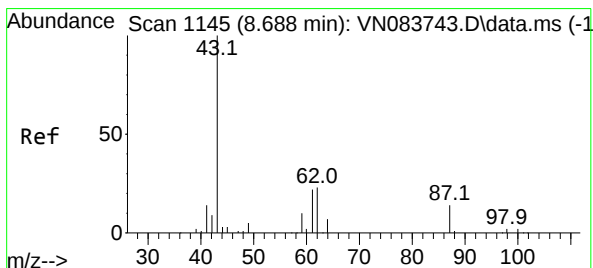
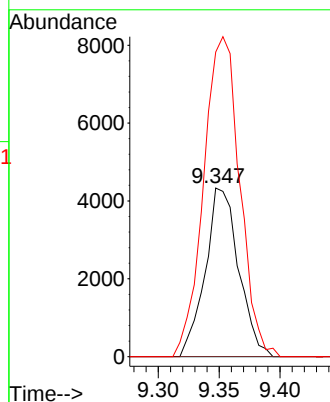
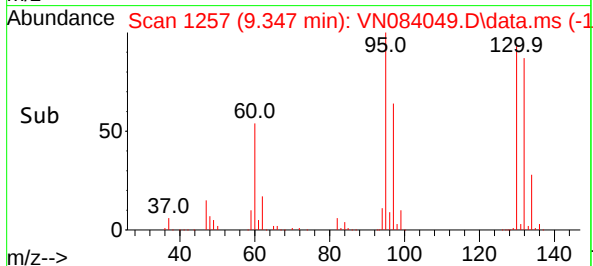


#39
Methylcyclohexane
Concen: 3.054 ug/l
RT: 9.347 min Scan# 1125
Delta R.T. -0.253 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

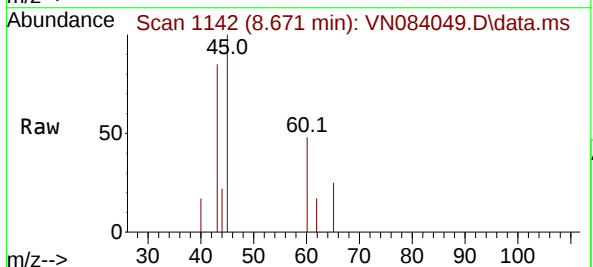
Instrument :
MSVOA_N
ClientSampleId :



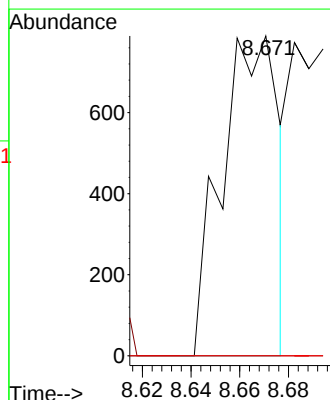
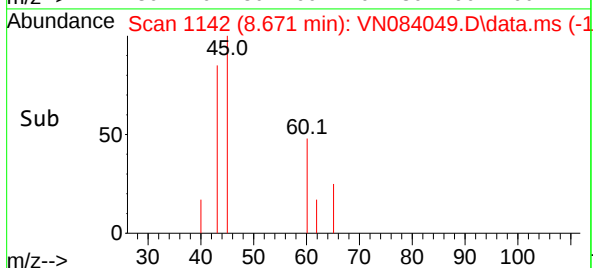
Tgt Ion: 83 Resp: 8252
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 180.7 37.6 56.4#

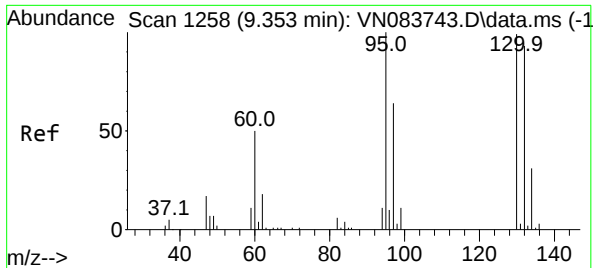


#43
Isopropyl Acetate
Concen: 0.329 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18



Tgt Ion: 43 Resp: 1283
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

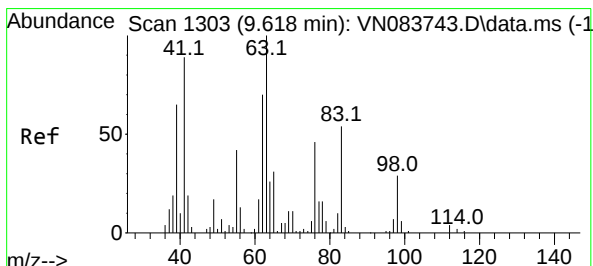
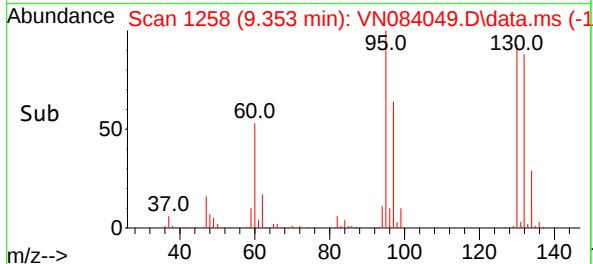
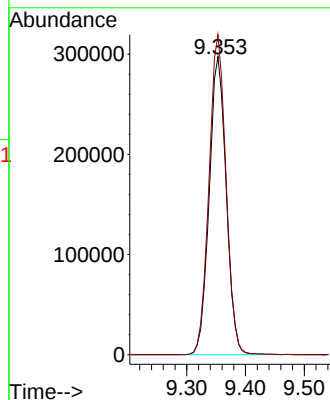
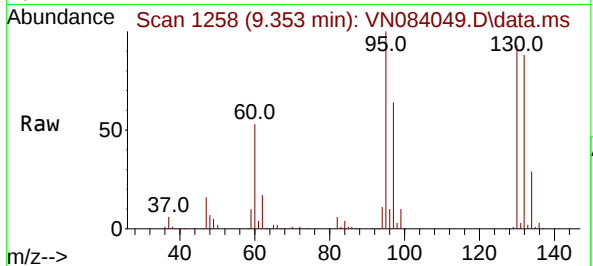




#44
Trichloroethene
Concen: 360.718 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

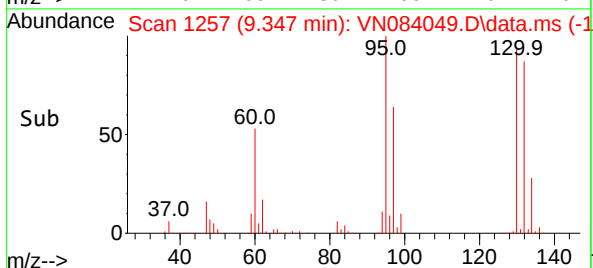
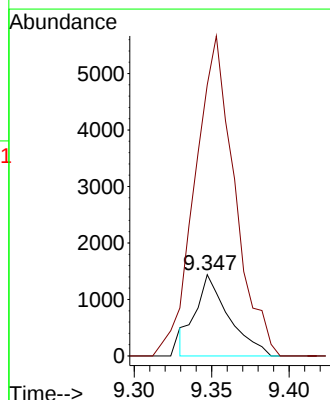
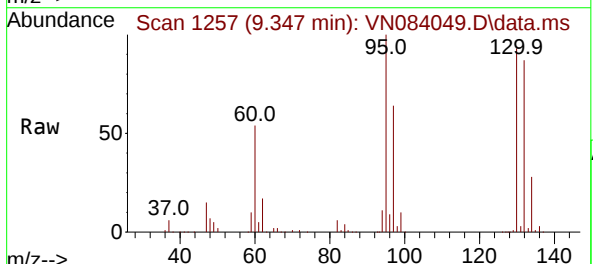
Instrument :
MSVOA_N
ClientSampleId :

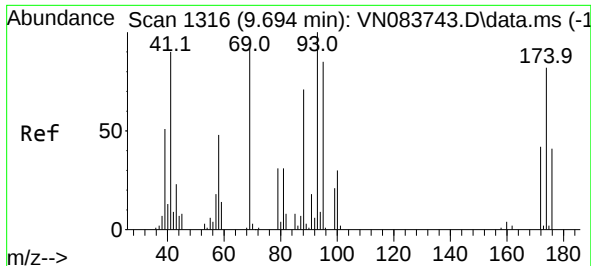
Tgt Ion:130 Resp: 596806
Ion Ratio Lower Upper
130 100
95 107.4 0.0 200.4



#45
1,2-Dichloropropane
Concen: 1.236 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.271 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Tgt Ion: 63 Resp: 2134
Ion Ratio Lower Upper
63 100
65 333.4 25.9 38.9#





#49

1,4-Dioxane

Concen: 14.898 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN084049.D

Acq: 19 Sep 2024 21:18

Instrument :

MSVOA_N

ClientSampleId :

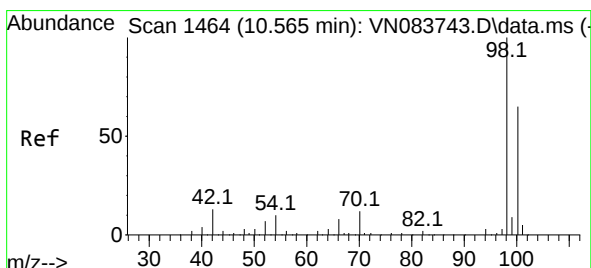
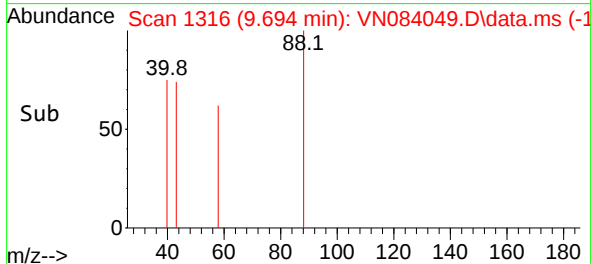
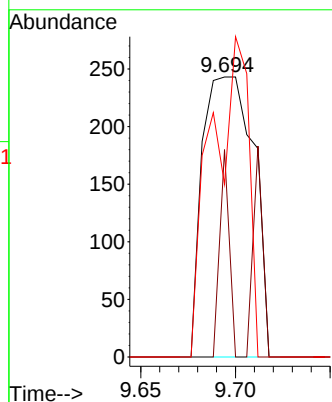
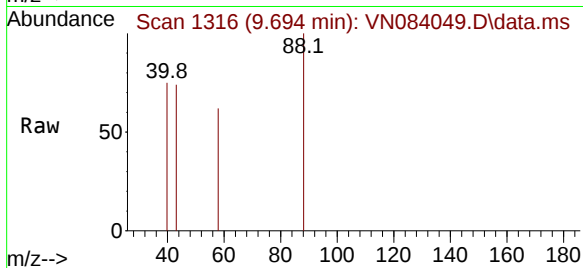
Tgt Ion: 88 Resp: 454

Ion Ratio Lower Upper

88 100

43 14.1 0.0 0.0#

58 82.4 57.1 85.7



#50

Toluene-d8

Concen: 54.461 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084049.D

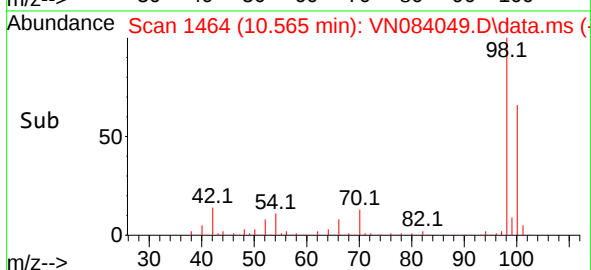
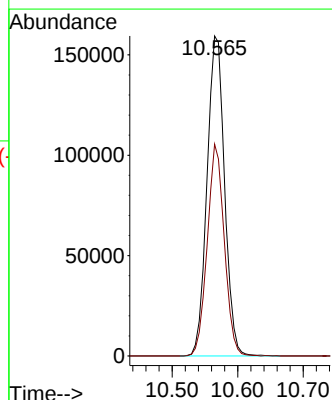
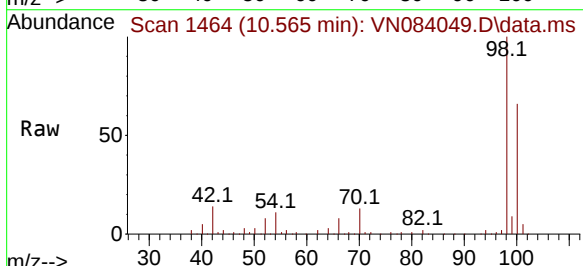
Acq: 19 Sep 2024 21:18

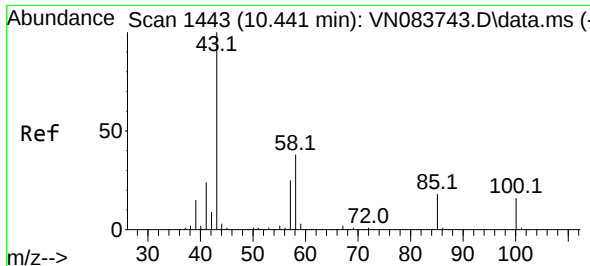
Tgt Ion: 98 Resp: 296923

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

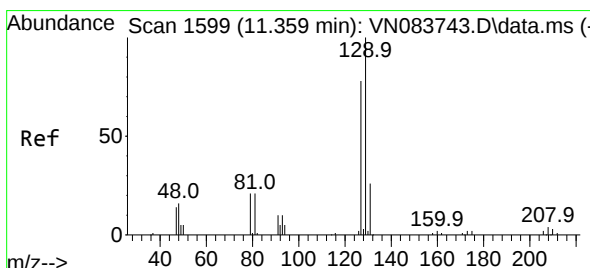
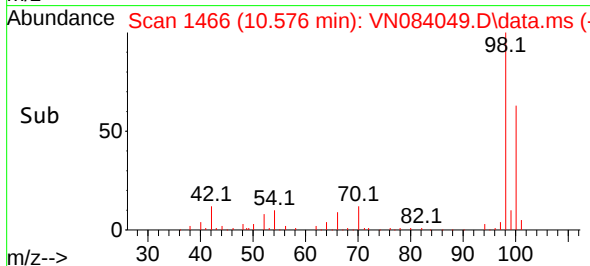
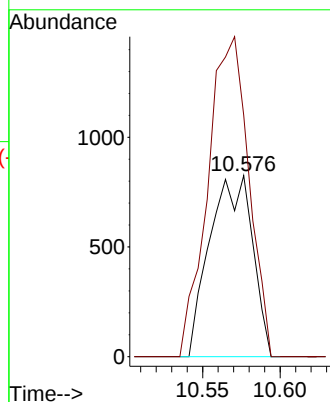
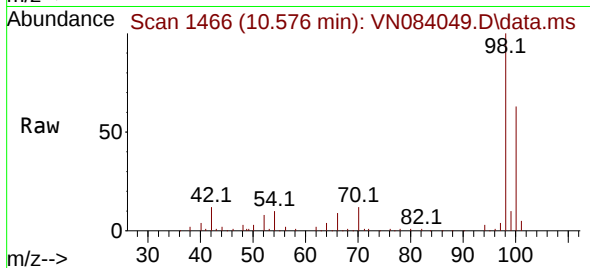




#51
4-Methyl-2-Pentanone
Concen: 0.742 ug/l
RT: 10.576 min Scan# 14
Delta R.T. 0.135 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

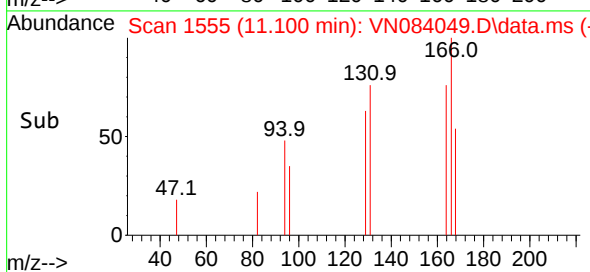
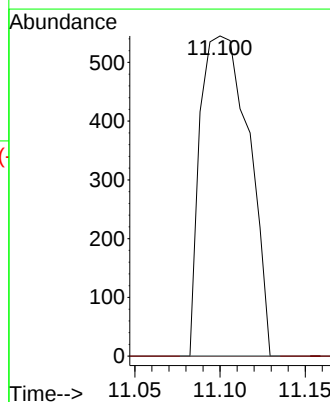
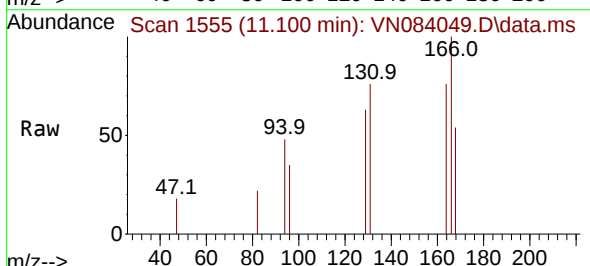
Instrument :
MSVOA_N
ClientSampleId :

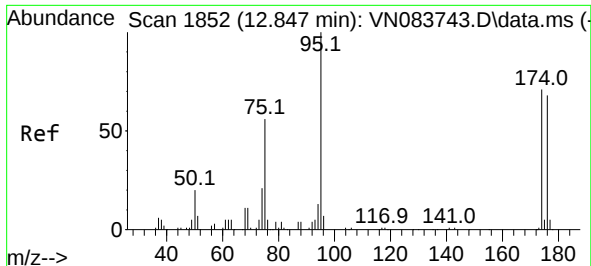
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 169.8 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.590 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Tgt Ion: 129 Resp: 1077
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

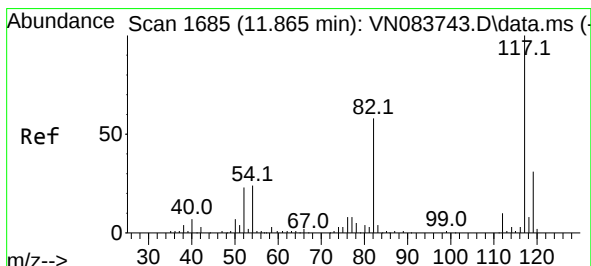
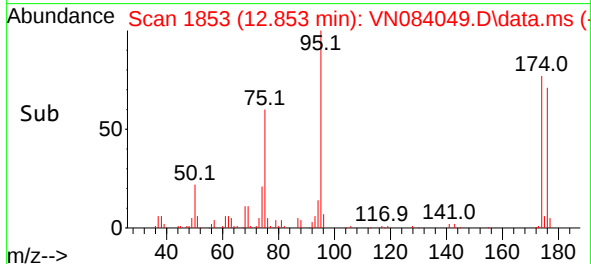
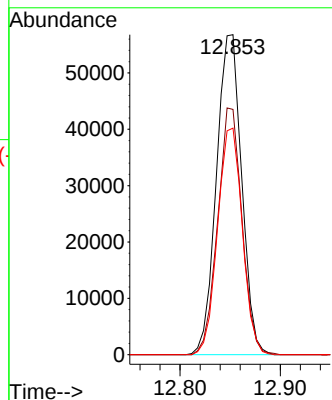
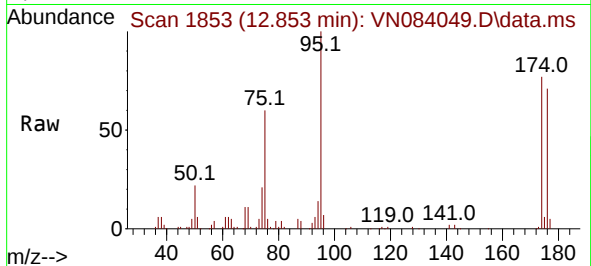




#62
4-Bromofluorobenzene
Concen: 44.151 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

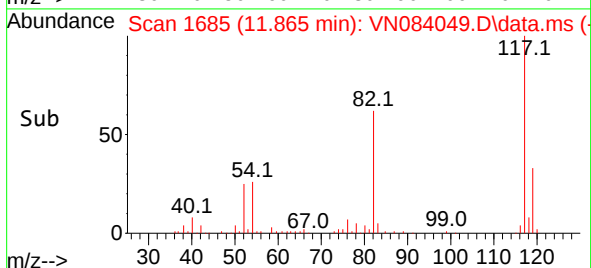
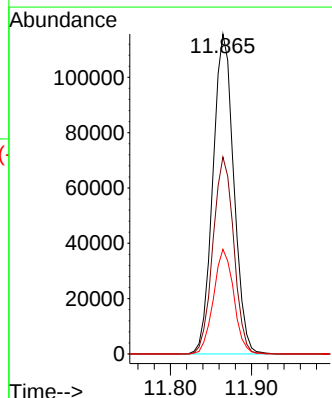
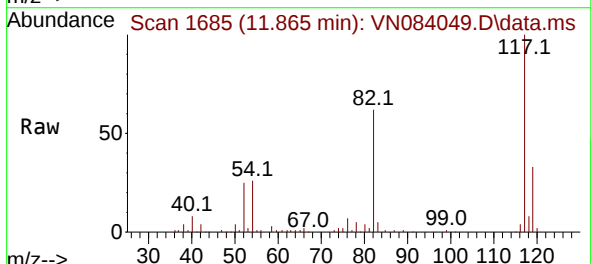
Instrument :
MSVOA_N
ClientSampleId :

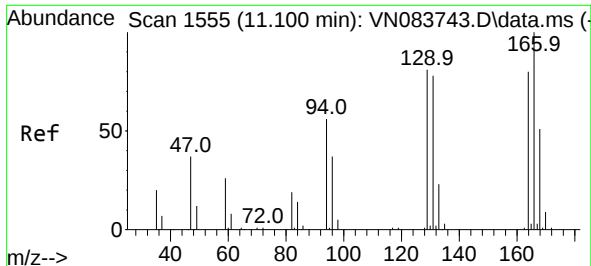
Tgt Ion: 95 Resp: 99311
Ion Ratio Lower Upper
95 100
174 74.2 0.0 139.8
176 69.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

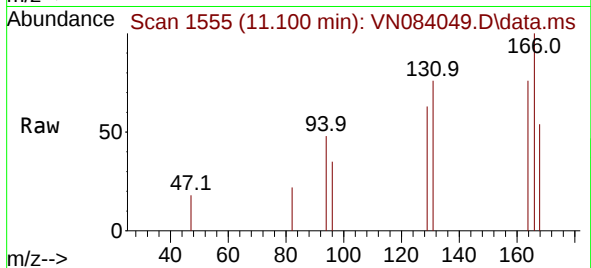
Tgt Ion: 117 Resp: 206804
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 32.7 26.3 39.5



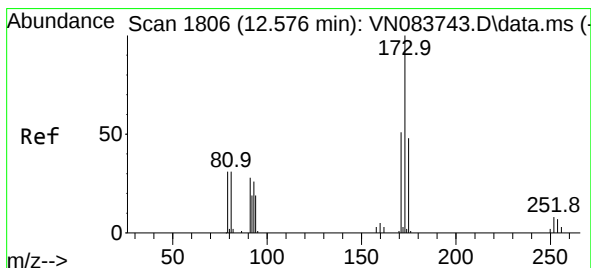
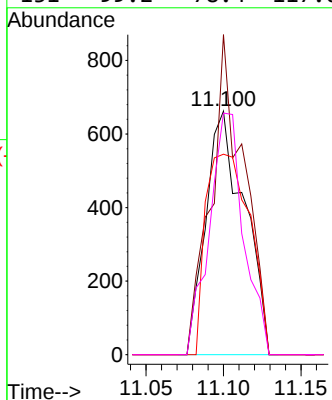
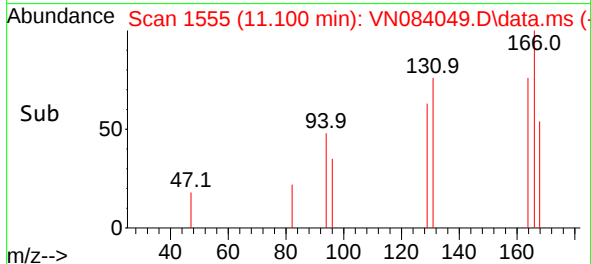


#64
Tetrachloroethene
Concen: 0.832 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

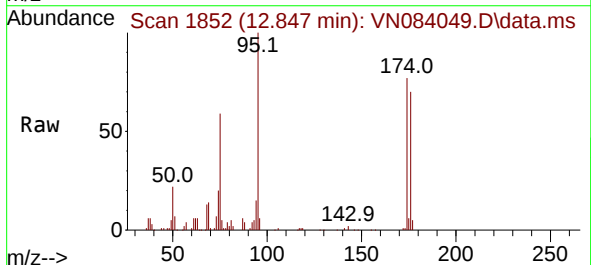
Instrument :
MSVOA_N
ClientSampleId :



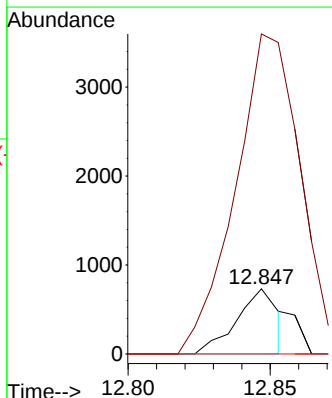
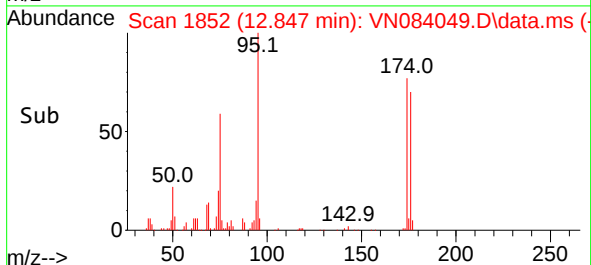
Tgt Ion:164 Resp: 1144
Ion Ratio Lower Upper
164 100
166 131.4 103.7 155.5
129 82.3 79.9 119.9
131 99.2 78.4 117.6

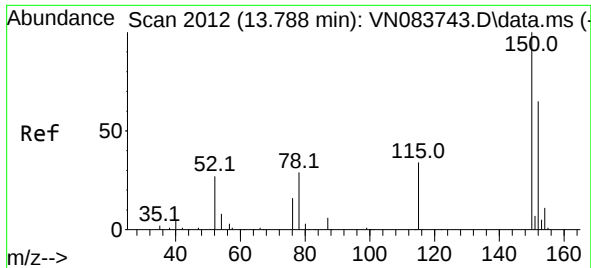


#71
Bromoform
Concen: 0.692 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18



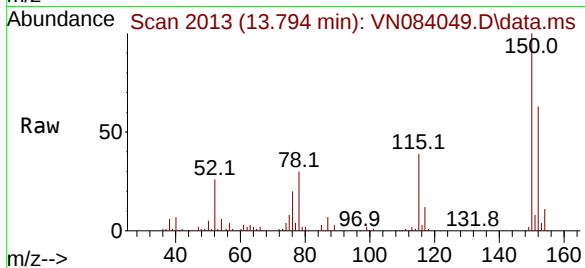
Tgt Ion:173 Resp: 743
Ion Ratio Lower Upper
173 100
175 568.9 24.1 72.2#
254 0.0 0.0 0.0



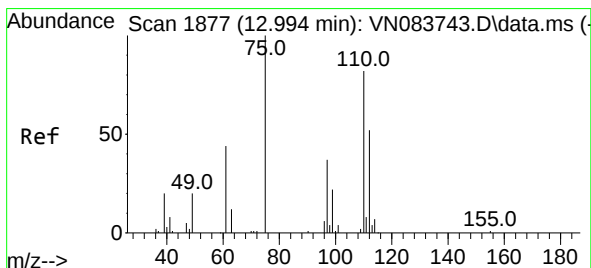
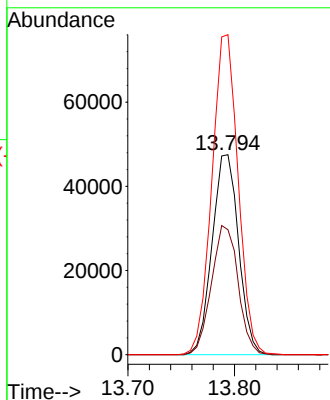
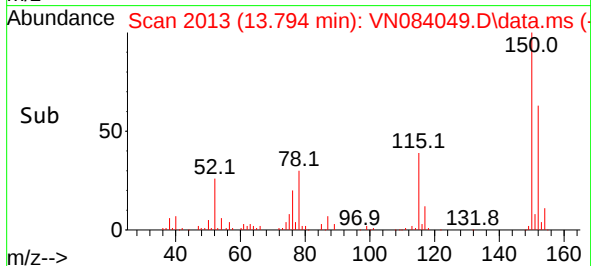


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18

Instrument :
 MSVOA_N
 ClientSampleId :

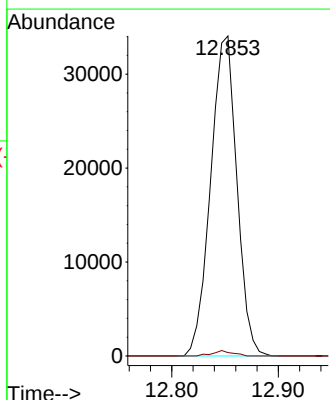
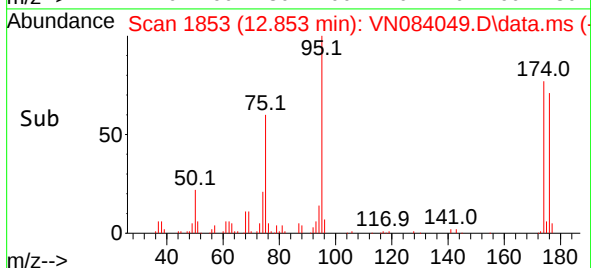
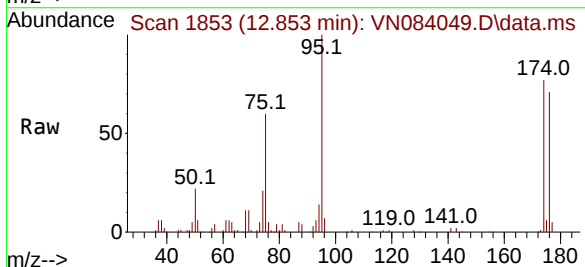


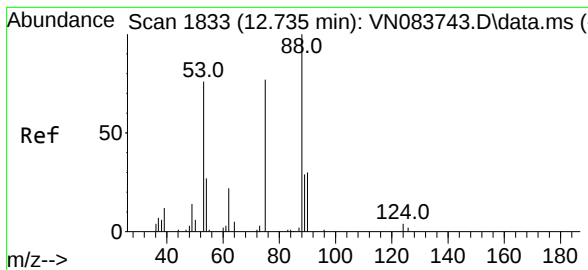
Tgt Ion:152 Resp: 81942
 Ion Ratio Lower Upper
 152 100
 115 65.0 32.2 96.6
 150 158.6 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 35.264 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN084049.D
 Acq: 19 Sep 2024 21:18

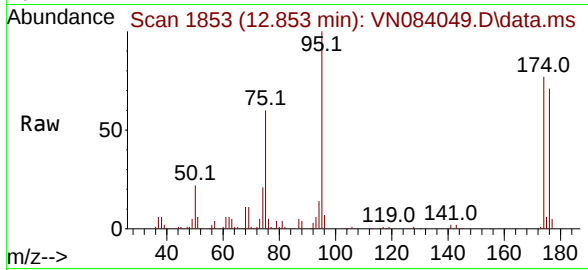
Tgt Ion: 75 Resp: 58307
 Ion Ratio Lower Upper
 75 100
 77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.360 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN084049.D
Acq: 19 Sep 2024 21:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 58307
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

