

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084053.D
 Acq On : 19 Sep 2024 22:54
 Operator : JC\MD
 Sample : P4003-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 01:40:01 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	135934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109085	53.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.440%	
35) Dibromofluoromethane	8.165	113	76279	51.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	10.565	98	276320	54.012	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.020%	
62) 4-Bromofluorobenzene	12.847	95	93510	44.303	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1741	Below Cal		95
9) 1,1,2-Trichlorotrifluo...	4.371	101	787	0.506 ug/l	#	33
16) Acetone	4.430	43	757	0.921 ug/l	#	45
18) Methyl Acetate	5.065	43	87	Below Cal	#	52
31) Cyclohexane	8.218	56	3613	1.220 ug/l	#	32
36) 1,1-Dichloropropene	8.224	75	12892	5.788 ug/l	#	49
38) Carbon Tetrachloride	8.218	117	16012	6.336 ug/l	#	16
43) Isopropyl Acetate	8.671	43	2128	0.581 ug/l	#	57
44) Trichloroethene	9.353	130	11359	7.317 ug/l		94
51) 4-Methyl-2-Pentanone	10.565	43	1620	0.812 ug/l	#	1
60) Dibromochloromethane	11.106	129	4869	2.842 ug/l	#	10
64) Tetrachloroethene	11.106	164	4291	3.364 ug/l	#	87
71) Bromoform	12.847	173	685	0.688 ug/l	#	29
76) 1,2,3-Trichloropropane	12.847	75	53383	36.093 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53383	94.531 ug/l	#	9

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

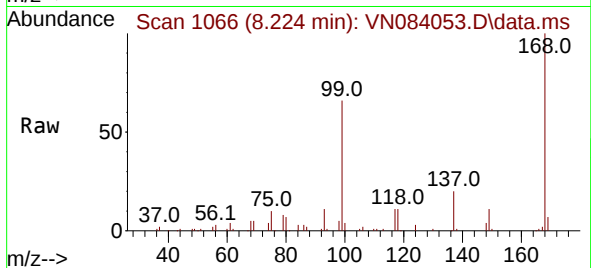
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



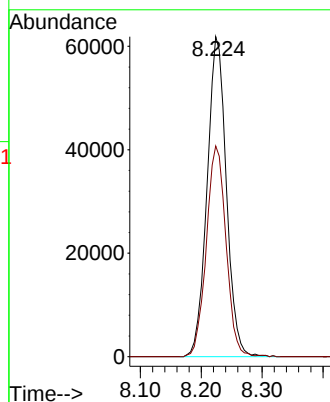
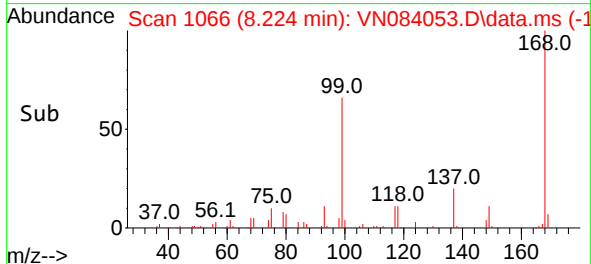


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :

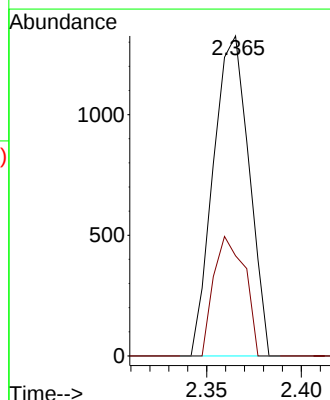
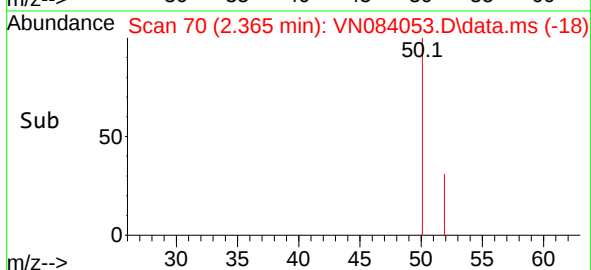
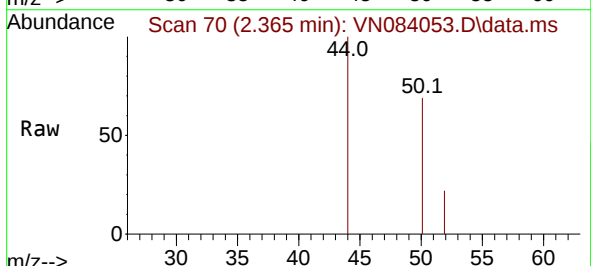


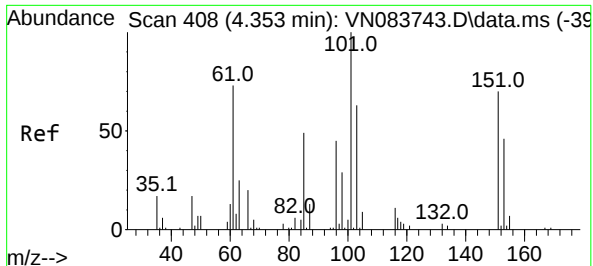
Tgt Ion:168 Resp: 135934
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 50 Resp: 1741
Ion Ratio Lower Upper
50 100
52 31.3 27.2 40.8

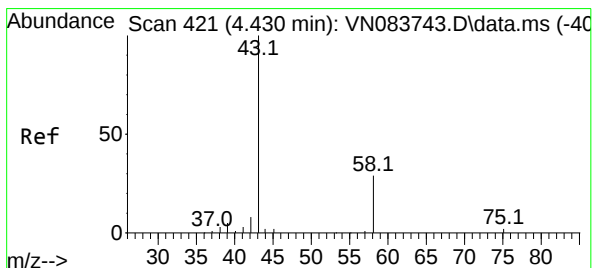
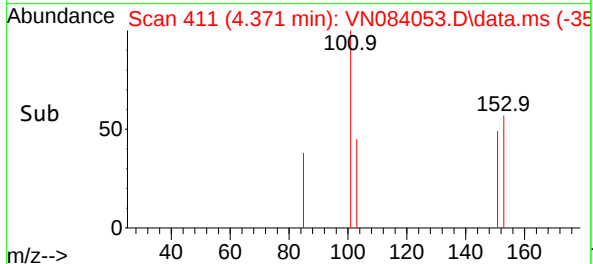
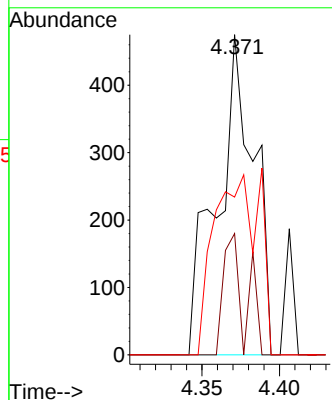
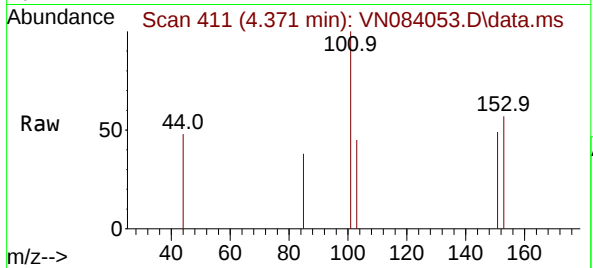




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.506 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

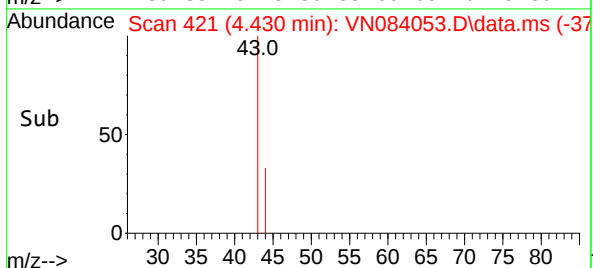
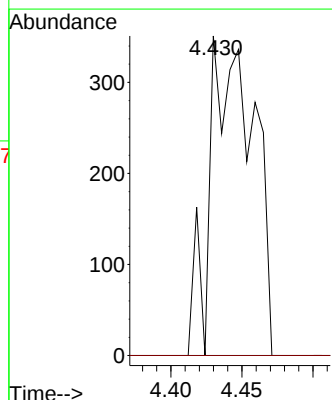
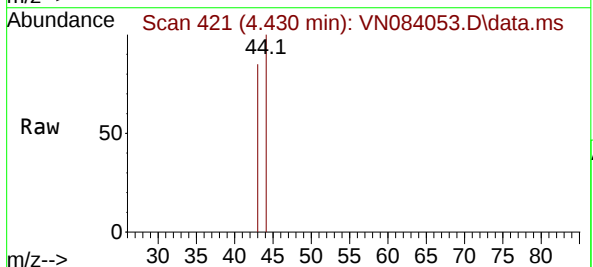
Instrument :
MSVOA_N
ClientSampleId :

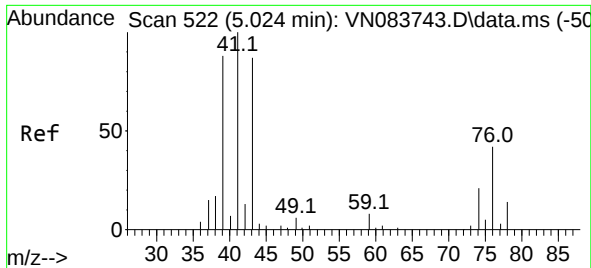
Tgt Ion:101 Resp: 787
Ion Ratio Lower Upper
101 100
85 21.9 36.2 54.4#
151 0.0 57.7 86.5#



#16
Acetone
Concen: 0.921 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

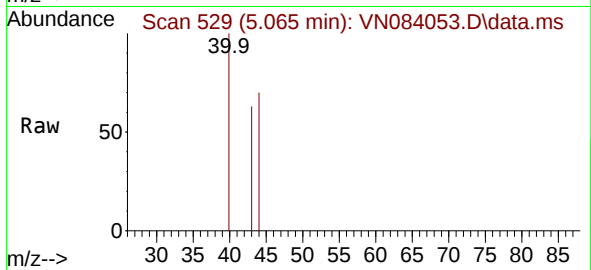
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



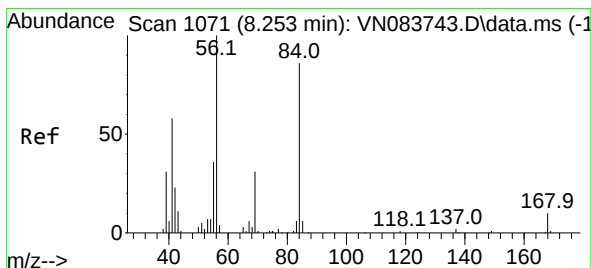
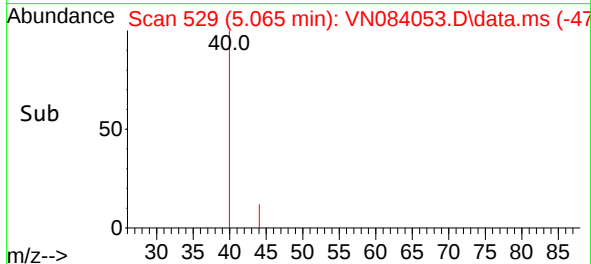
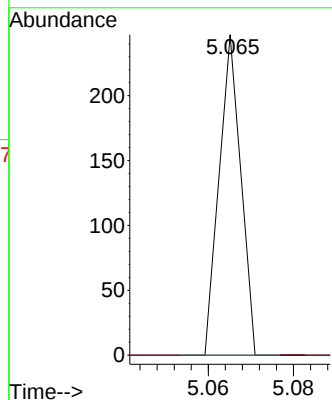


#18
Methyl Acetate
Concen: Below Cal
RT: 5.065 min Scan# 51
Delta R.T. 0.041 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :

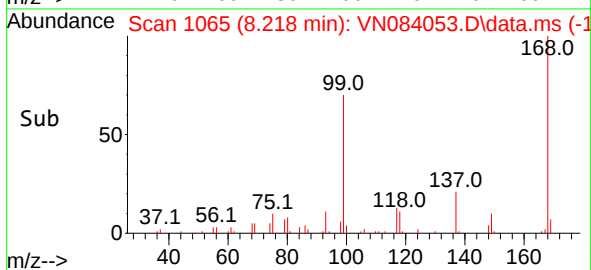
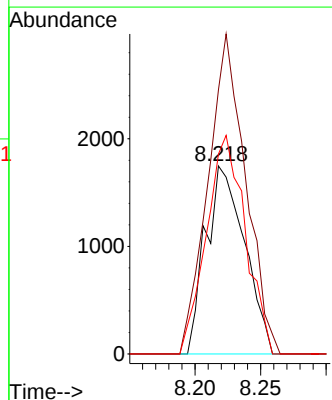
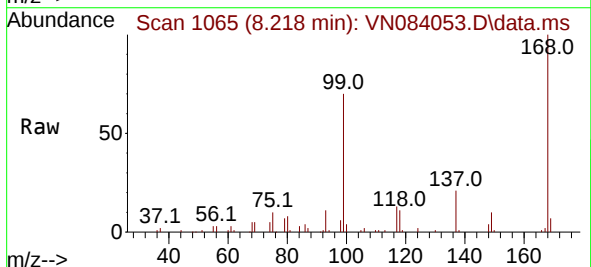


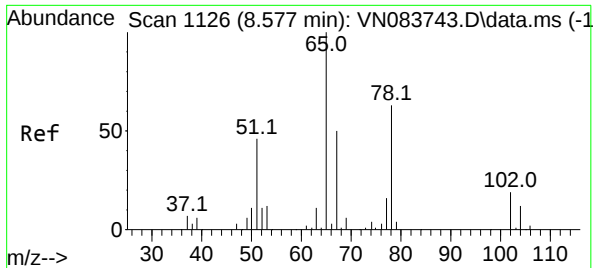
Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 56 Resp: 3613
Ion Ratio Lower Upper
56 100
69 140.5 26.9 40.3#
84 106.4 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 53.220 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084053.D

Acq: 19 Sep 2024 22:54

Instrument :

MSVOA_N

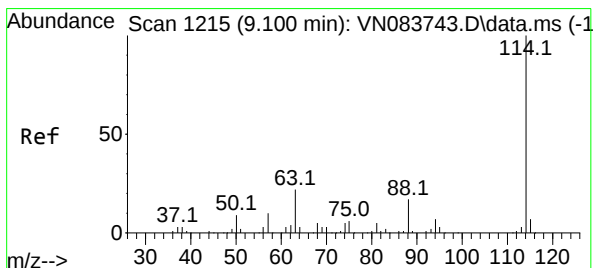
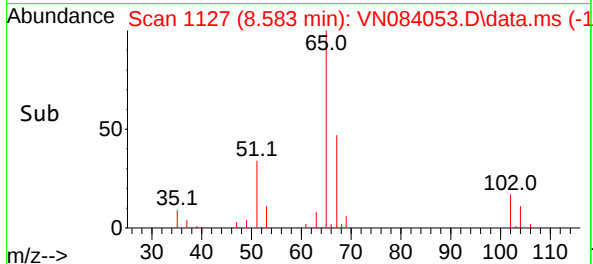
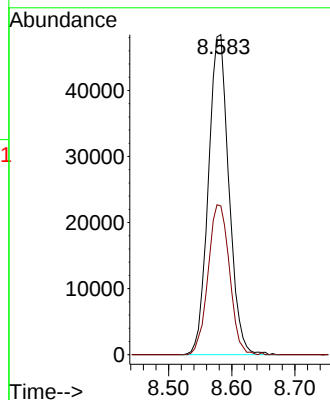
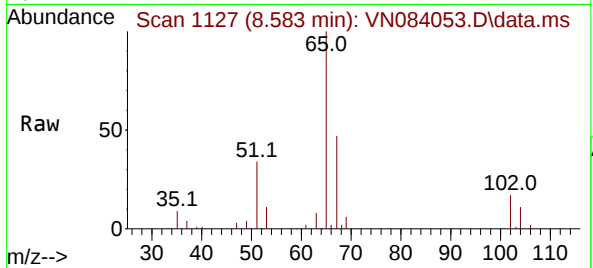
ClientSampleId :

Tgt Ion: 65 Resp: 109085

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084053.D

Acq: 19 Sep 2024 22:54

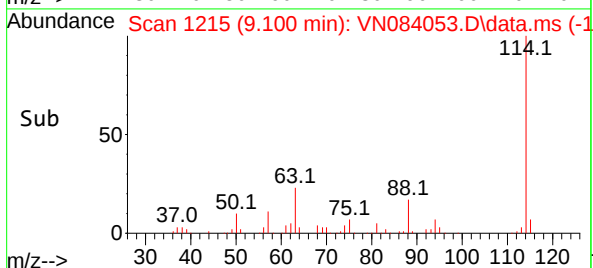
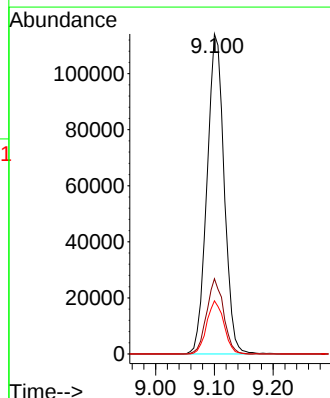
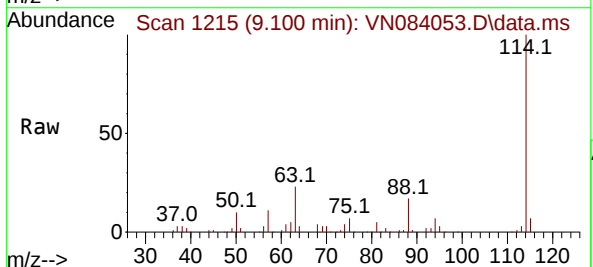
Tgt Ion: 114 Resp: 231160

Ion Ratio Lower Upper

114 100

63 23.5 0.0 43.4

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.545 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084053.D

Acq: 19 Sep 2024 22:54

Instrument :

MSVOA_N

ClientSampleId :

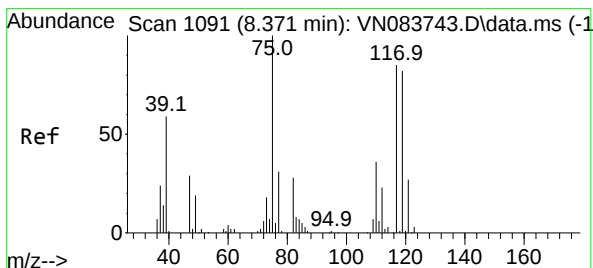
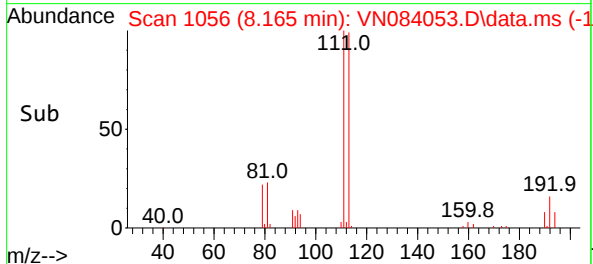
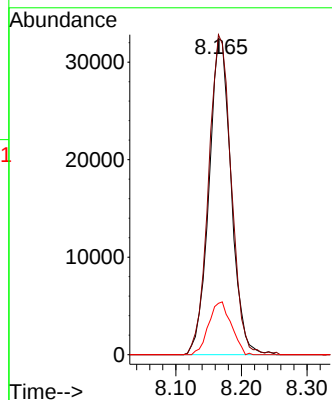
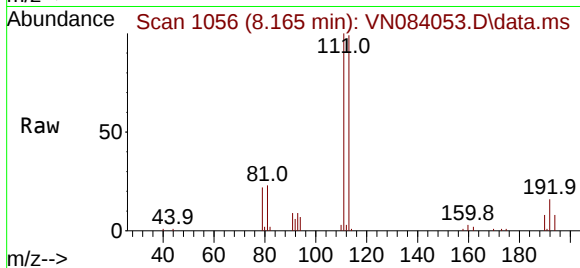
Tgt Ion:113 Resp: 76279

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.788 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084053.D

Acq: 19 Sep 2024 22:54

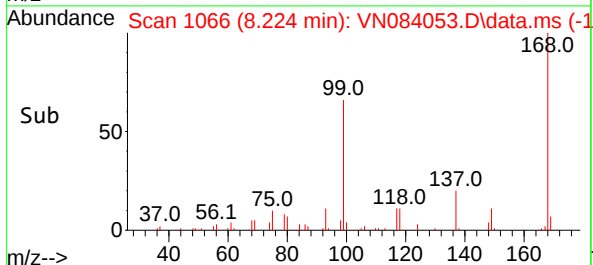
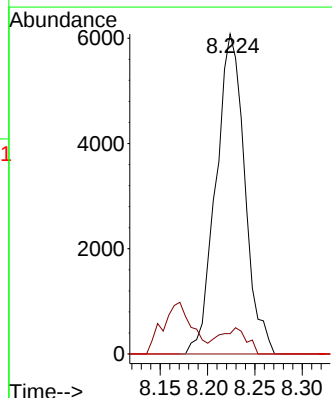
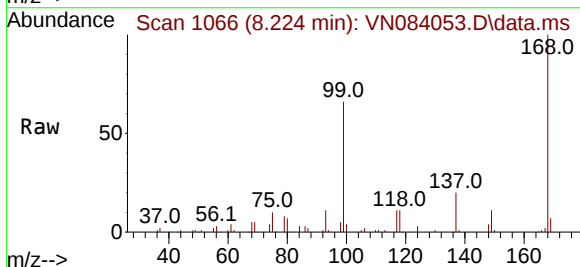
Tgt Ion: 75 Resp: 12892

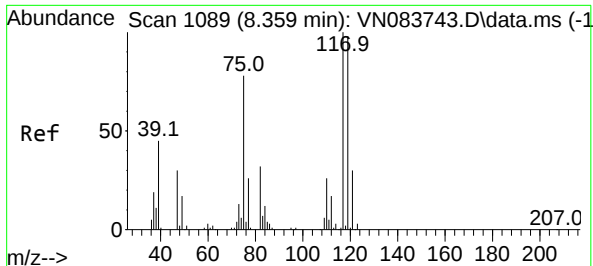
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.1#

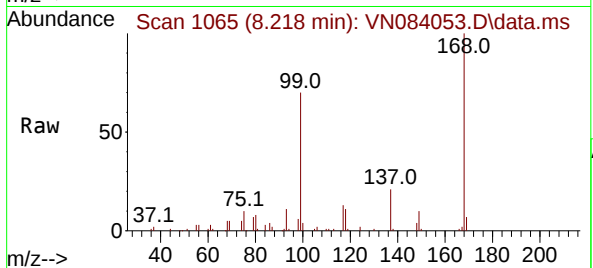
77 0.0 25.2 37.8#



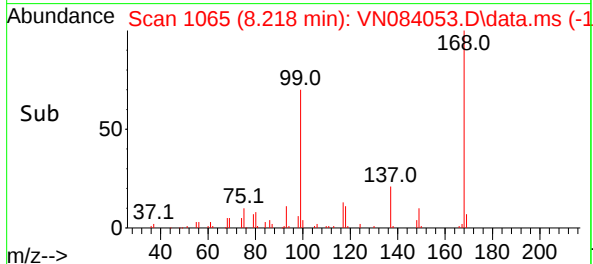
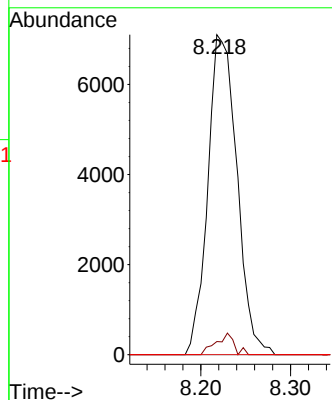


#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :

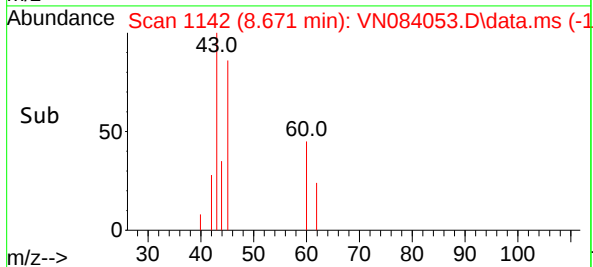
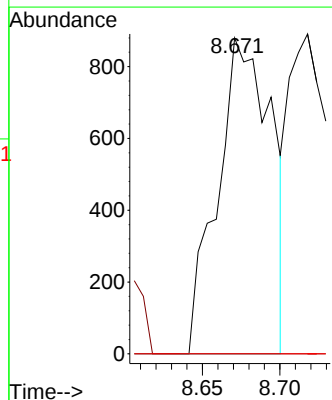
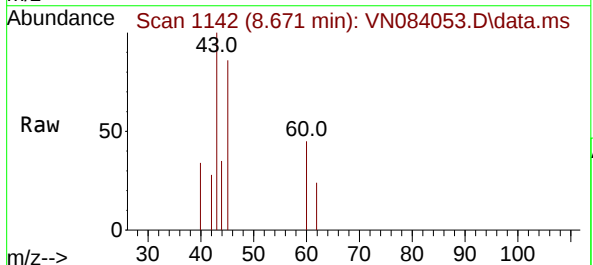


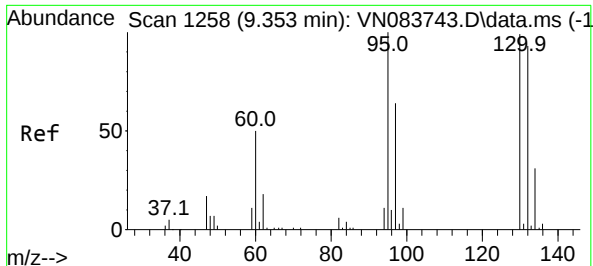
Tgt Ion: 117 Resp: 16012
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.581 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

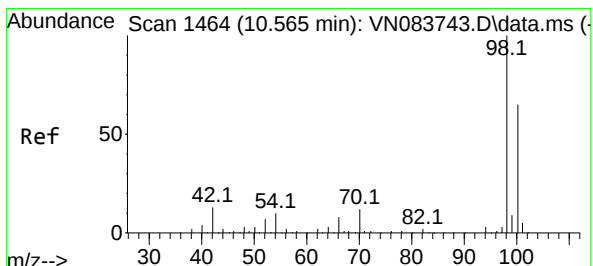
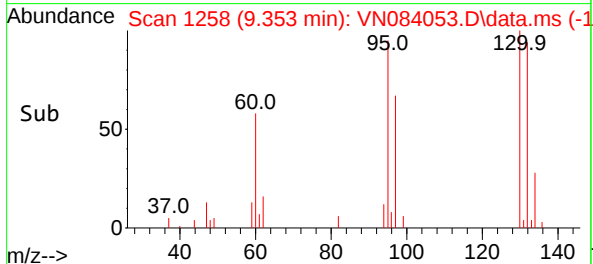
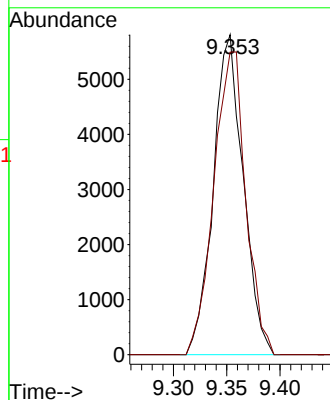
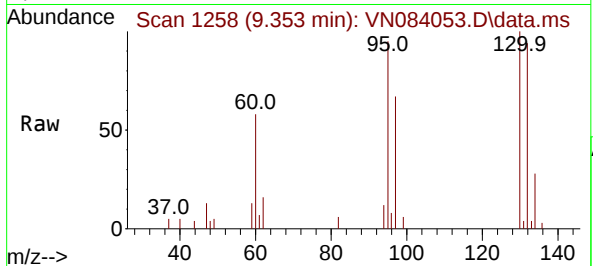




#44
Trichloroethene
Concen: 7.317 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

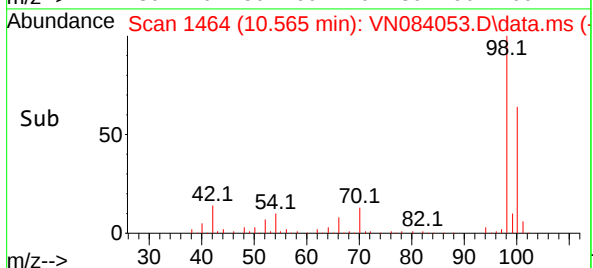
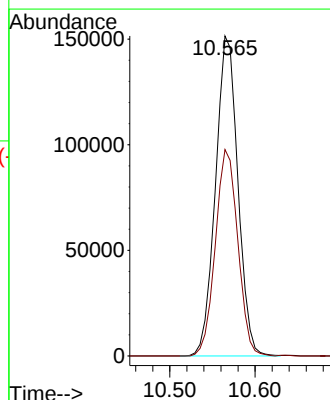
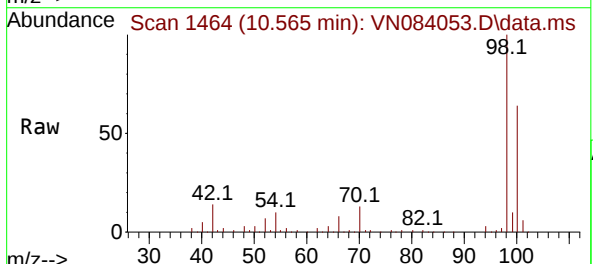
Instrument :
MSVOA_N
ClientSampleId :

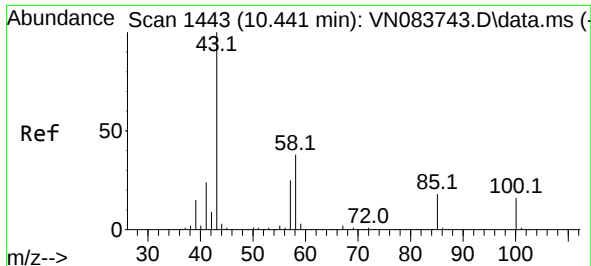
Tgt Ion:130 Resp: 11359
Ion Ratio Lower Upper
130 100
95 94.5 0.0 200.4



#50
Toluene-d8
Concen: 54.012 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 98 Resp: 276320
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

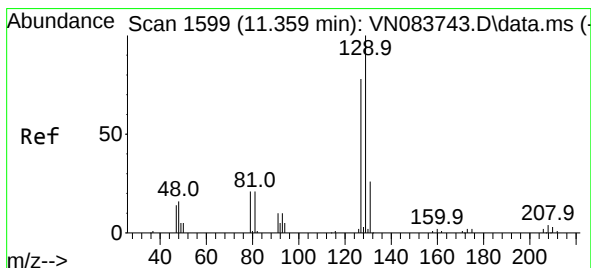
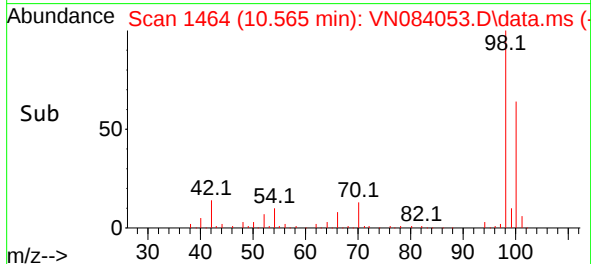
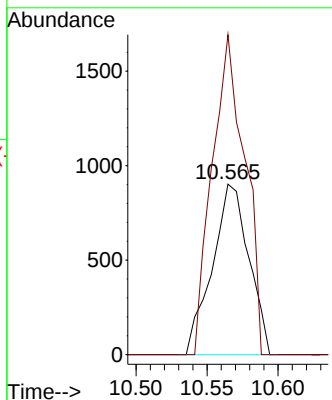
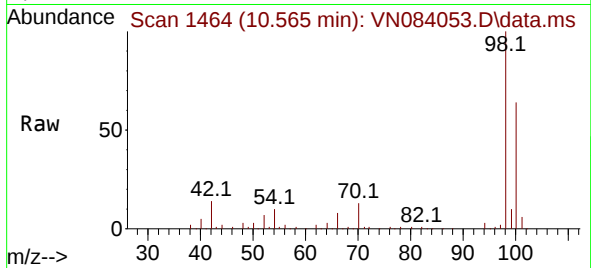




#51
4-Methyl-2-Pentanone
Concen: 0.812 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.124 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

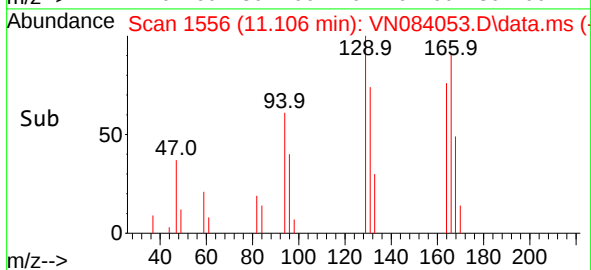
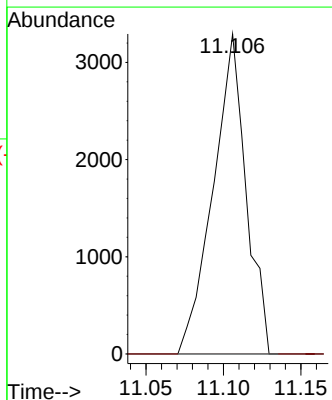
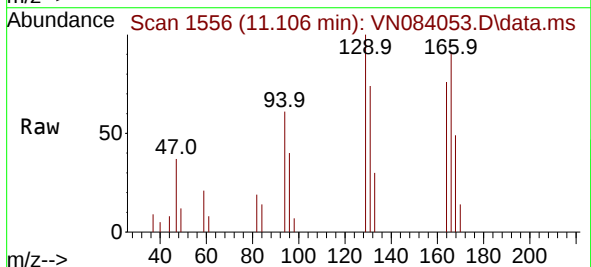
Instrument :
MSVOA_N
ClientSampleId :

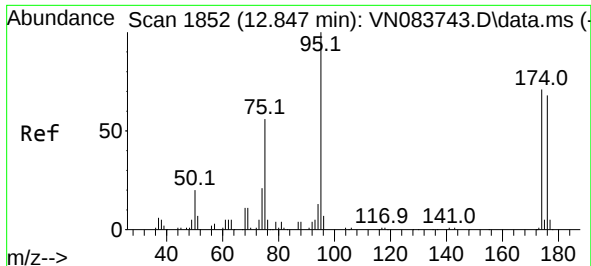
Tgt Ion: 43 Resp: 1620
Ion Ratio Lower Upper
43 100
58 167.4 31.6 47.4#



#60
Dibromochloromethane
Concen: 2.842 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 129 Resp: 4869
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

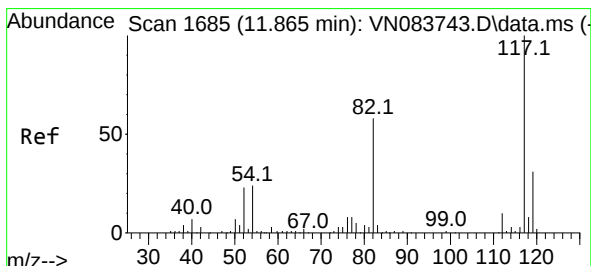
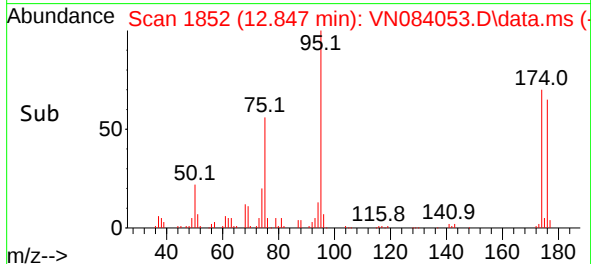
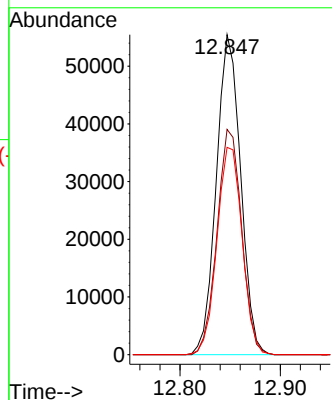
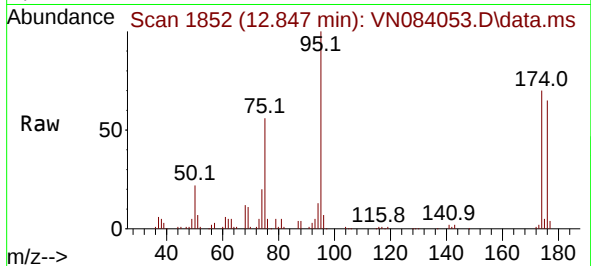




#62
4-Bromofluorobenzene
Concen: 44.303 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

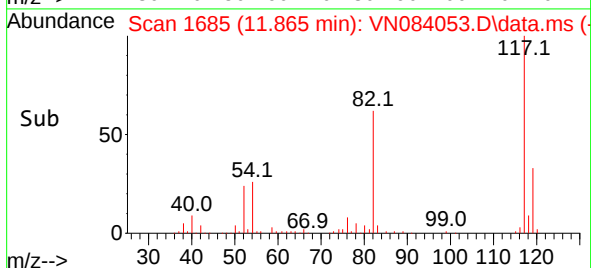
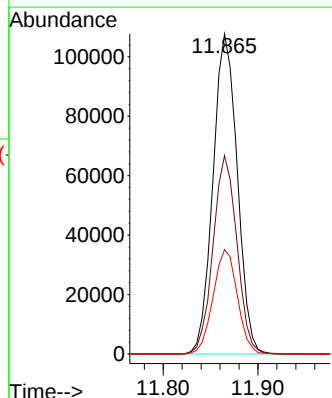
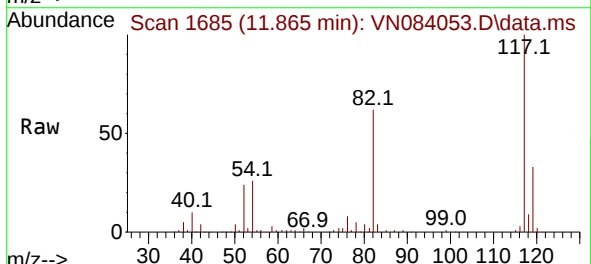
Instrument :
MSVOA_N
ClientSampleId :

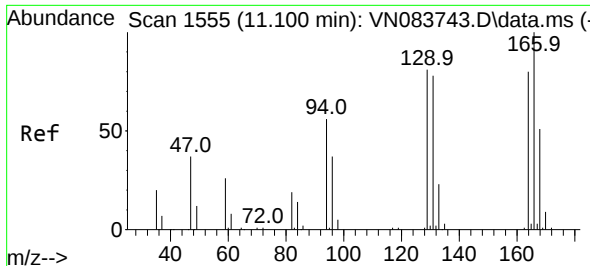
Tgt Ion: 95 Resp: 93510
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

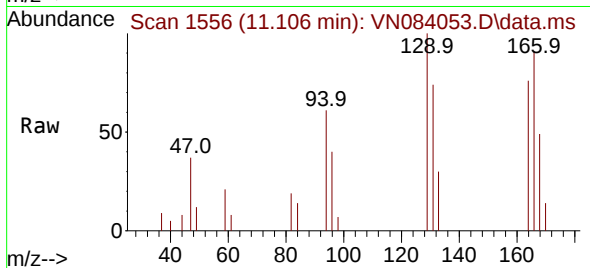
Tgt Ion: 117 Resp: 191826
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.0
119 32.6 26.3 39.5



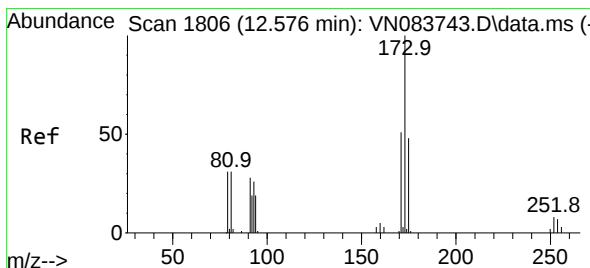
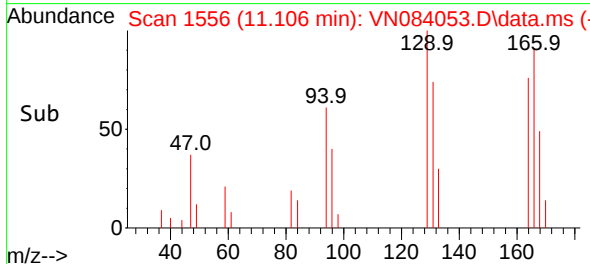
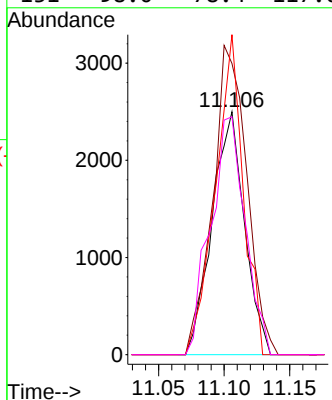


#64
Tetrachloroethene
Concen: 3.364 ug/l
RT: 11.106 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :

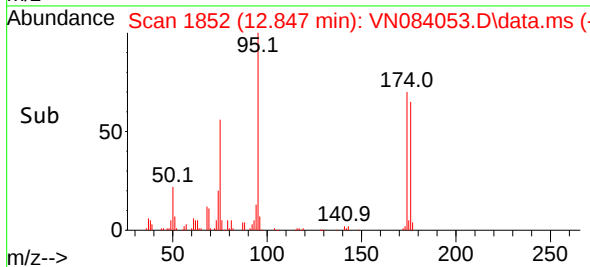
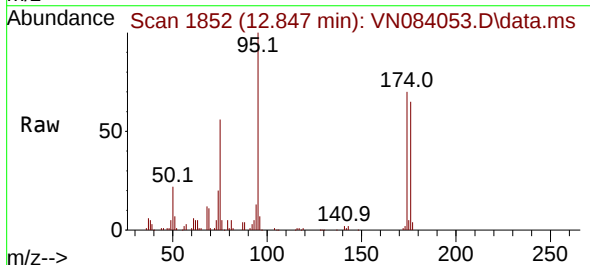
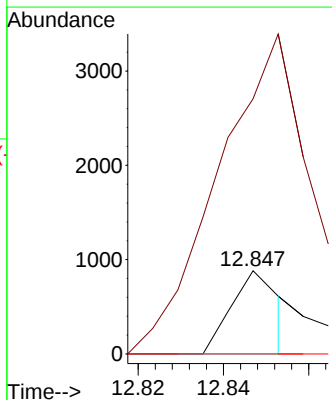


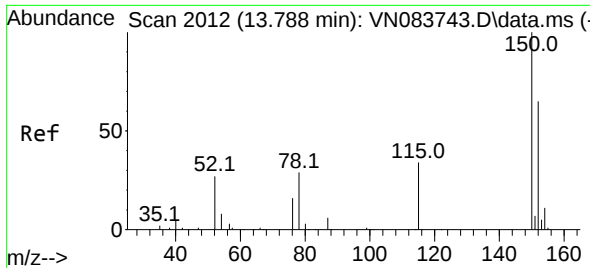
Tgt Ion:164 Resp: 4291
Ion Ratio Lower Upper
164 100
166 119.9 103.7 155.5
129 131.8 79.9 119.9#
131 98.0 78.4 117.6



#71
Bromoform
Concen: 0.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion:173 Resp: 685
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0

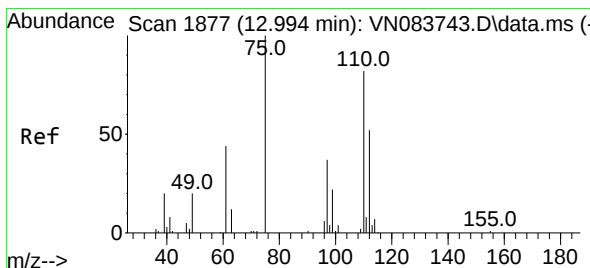
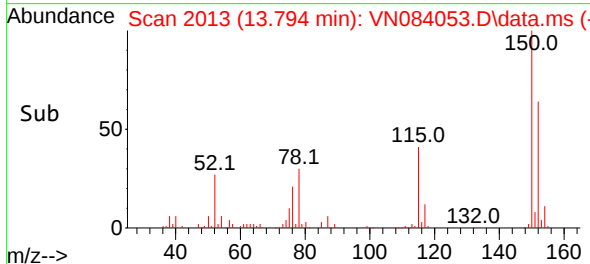
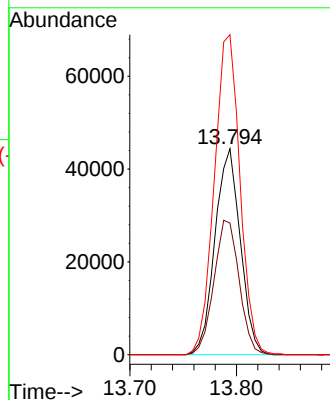
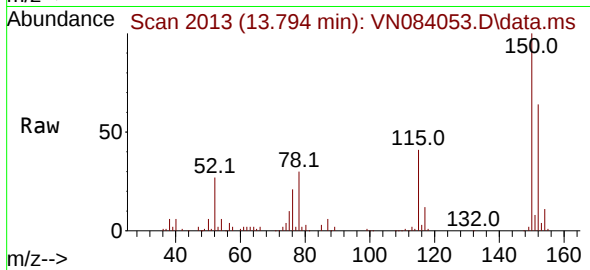




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

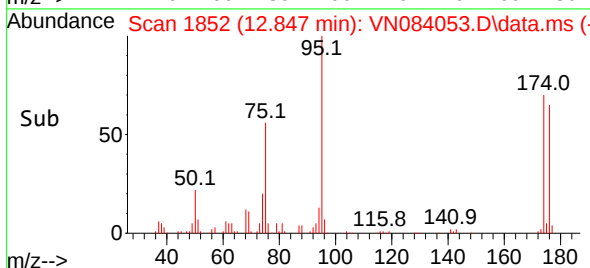
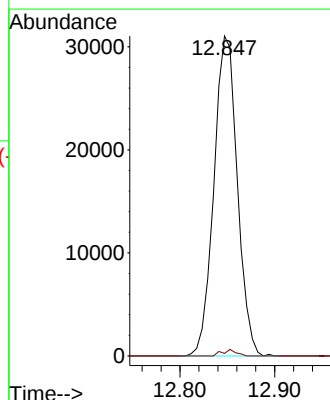
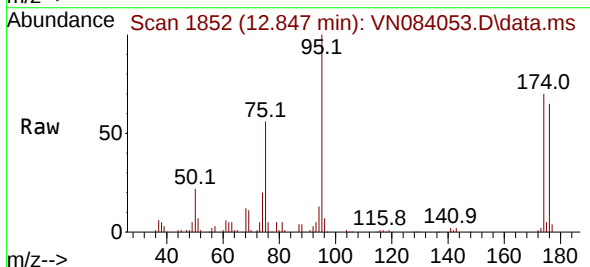
Instrument :
 MSVOA_N
 ClientSampleId :

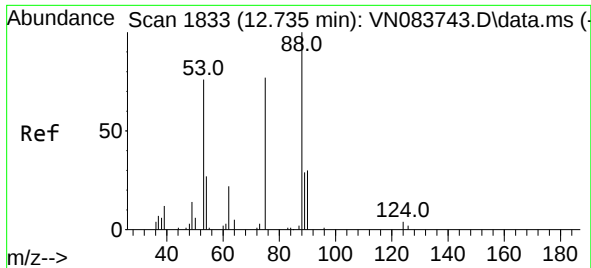
Tgt Ion:152 Resp: 73299
 Ion Ratio Lower Upper
 152 100
 115 65.1 32.2 96.6
 150 157.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 36.093 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

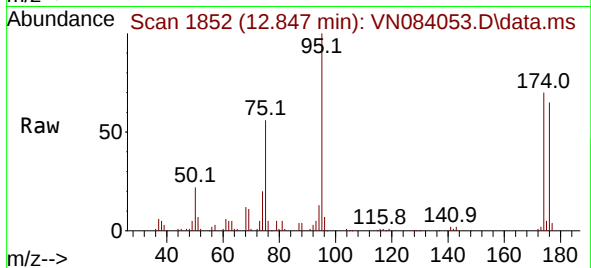
Tgt Ion: 75 Resp: 53383
 Ion Ratio Lower Upper
 75 100
 77 1.2 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 94.531 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 53383
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

