

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084981.D
 Acq On : 20 Nov 2024 20:10
 Operator : JC\MD
 Sample : P4921-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-11-A-202411

Quant Time: Nov 21 00:47:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

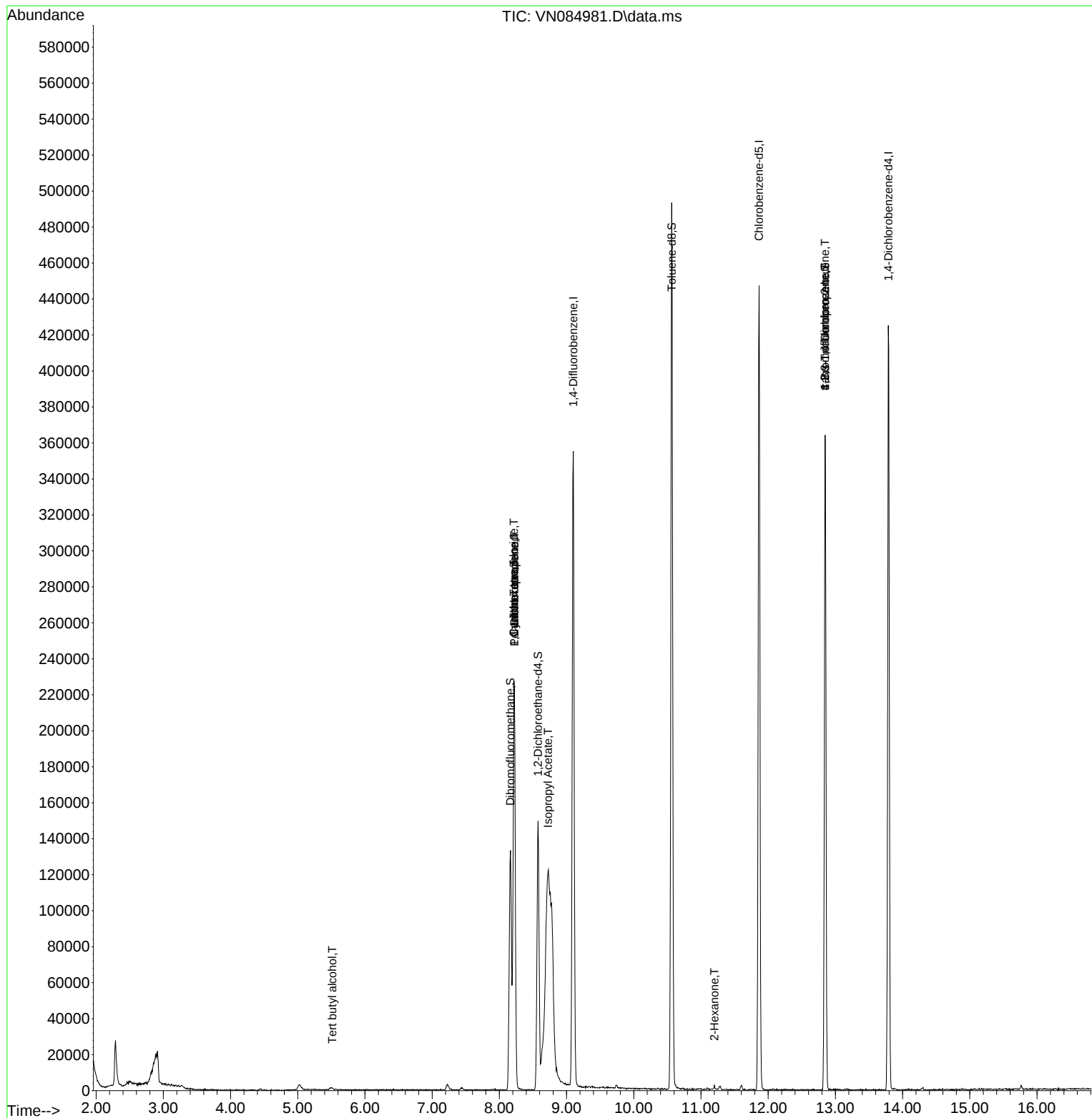
Internal Standards						
1) Pentafluorobenzene	8.224	168	162747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	112787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121372	51.634	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.260%			
35) Dibromofluoromethane	8.165	113	97198	47.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.900%			
50) Toluene-d8	10.565	98	338898	44.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 89.840%			
62) 4-Bromofluorobenzene	12.847	95	126197	44.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.500%			
Target Compounds						
3) Chloromethane	2.365	50	416	Below Cal	#	41
6) Chloroethane	3.118	64	61	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	928	2.991	ug/l #	73
16) Acetone	4.442	43	275	Below Cal	#	44
18) Methyl Acetate	5.024	43	6918	Below Cal	#	69
31) Cyclohexane	8.218	56	3612	1.113	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14249	5.016	ug/l #	51
38) Carbon Tetrachloride	8.218	117	18725	5.897	ug/l #	16
43) Isopropyl Acetate	8.724	43	325307	68.683	ug/l #	56
59) 2-Hexanone	11.200	43	692	0.387	ug/l #	24
76) 1,2,3-Trichloropropane	12.847	75	66391	29.447	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66391	69.861	ug/l #	11
88) 1,4-Dichlorobenzene	13.806	146	156	Below Cal	#	1

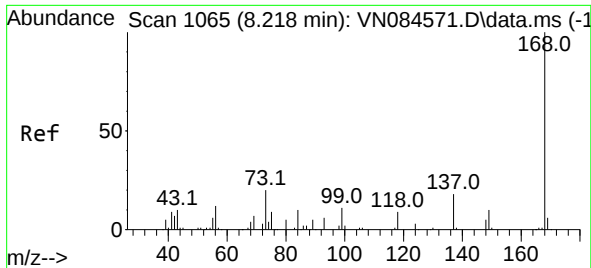
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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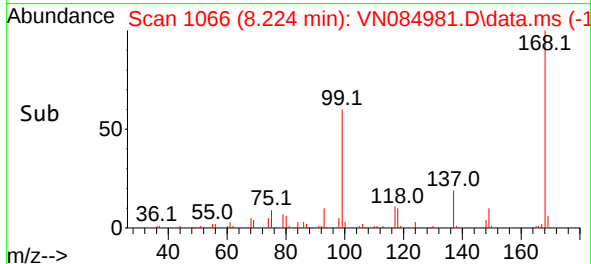
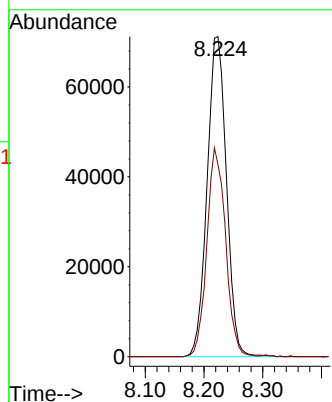
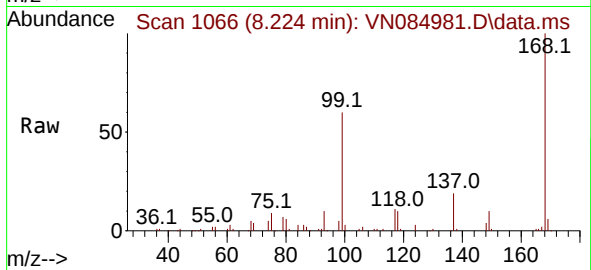




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

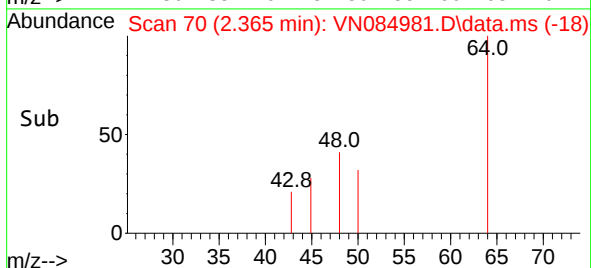
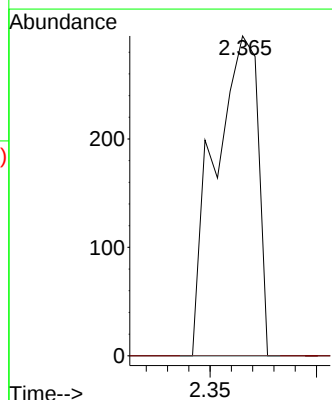
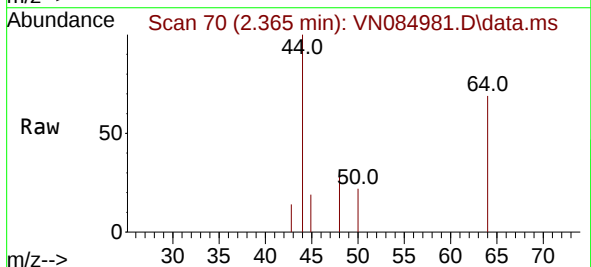
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

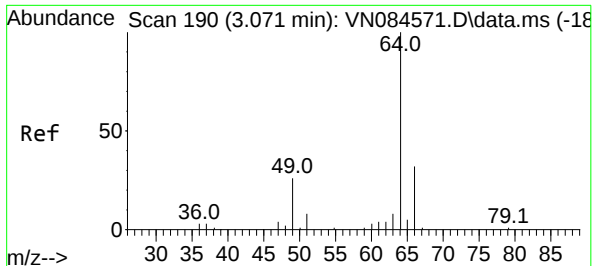
Tgt Ion:168 Resp: 162747
Ion Ratio Lower Upper
168 100
99 60.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 50 Resp: 416
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

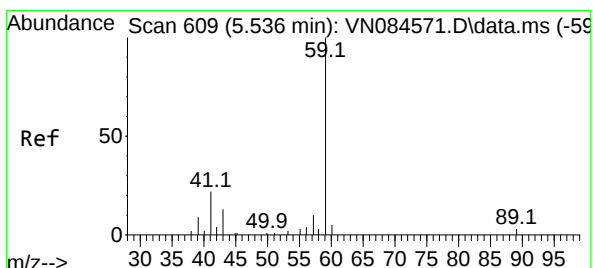
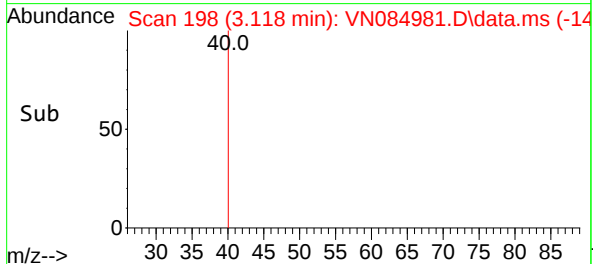
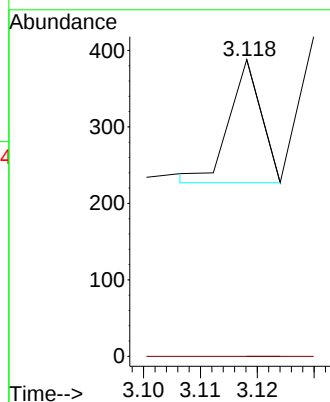
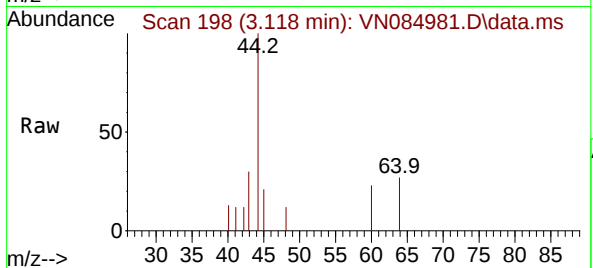




#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 190
Delta R.T. 0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

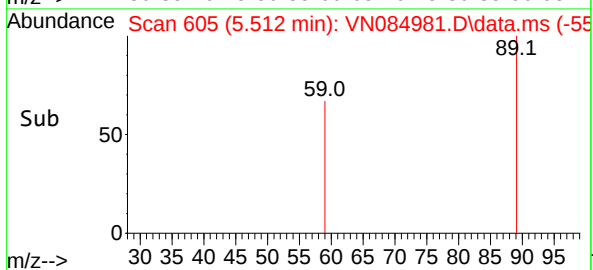
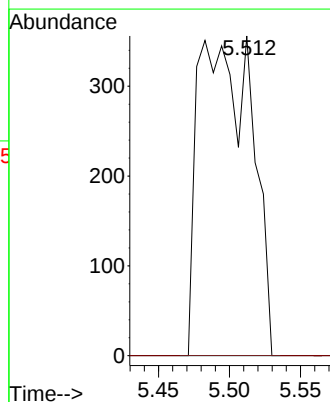
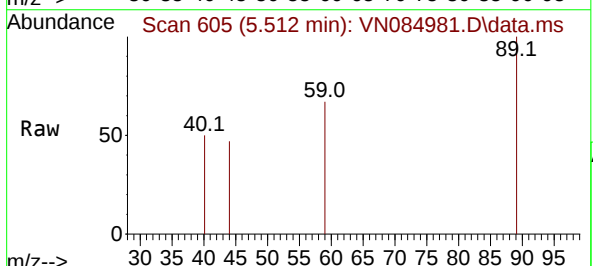
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

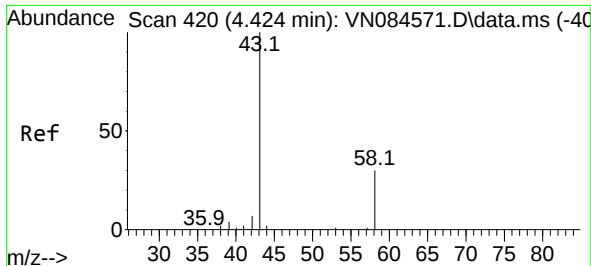
Tgt Ion: 64 Resp: 61
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 2.991 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 59 Resp: 928
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

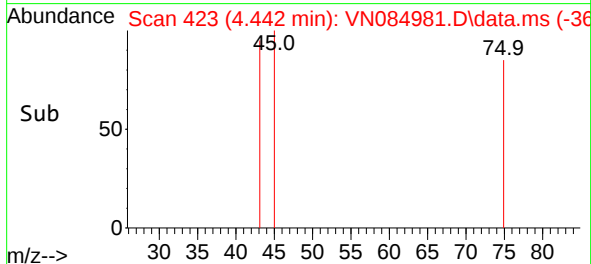
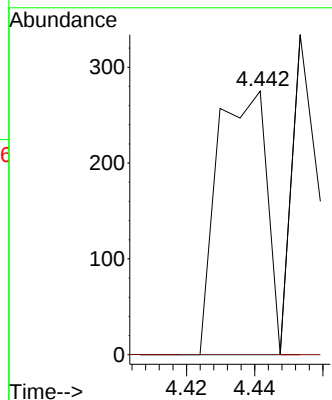
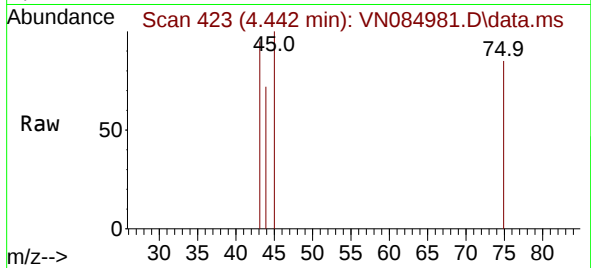




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

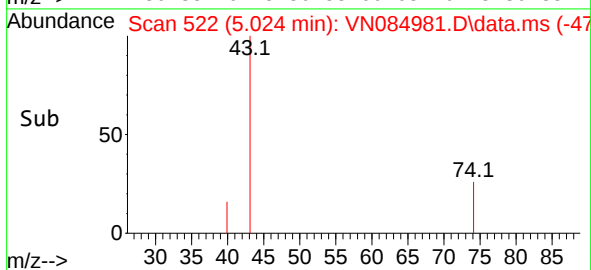
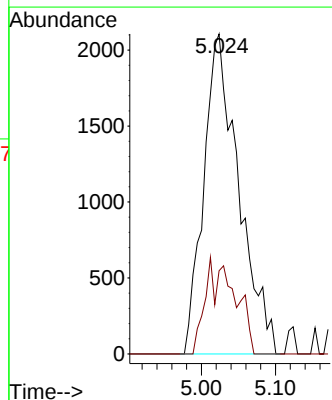
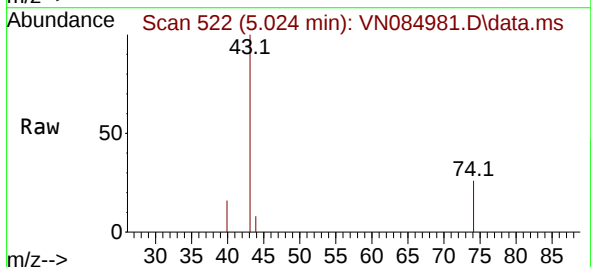
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

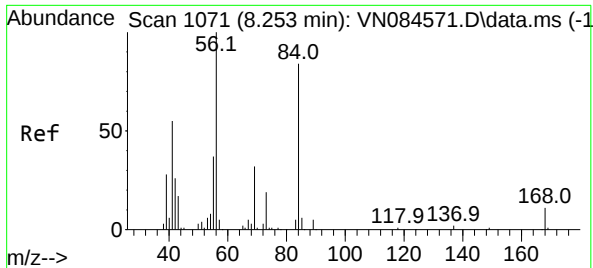
Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 43 Resp: 6918
Ion Ratio Lower Upper
43 100
74 8.9 19.2 28.8#

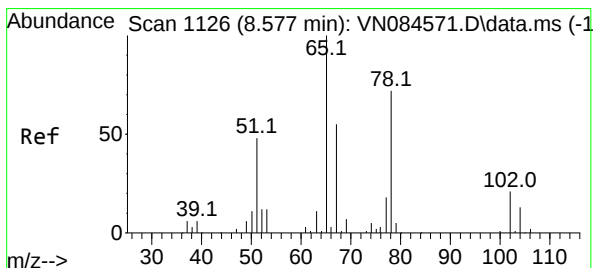
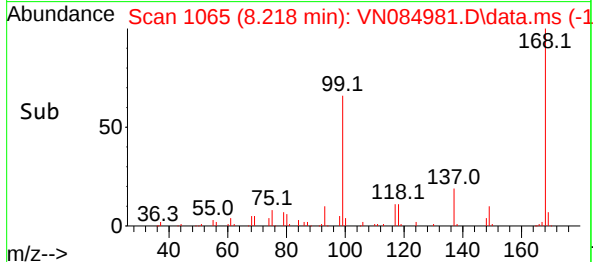
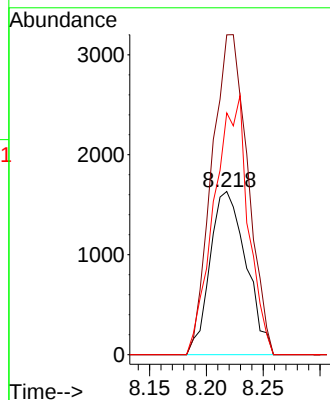
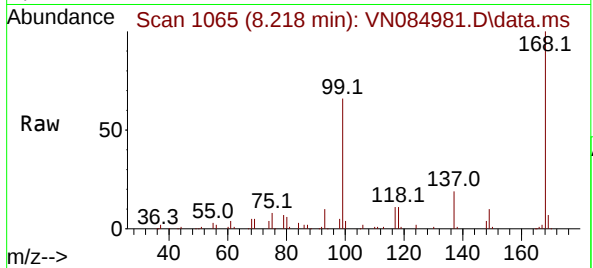




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

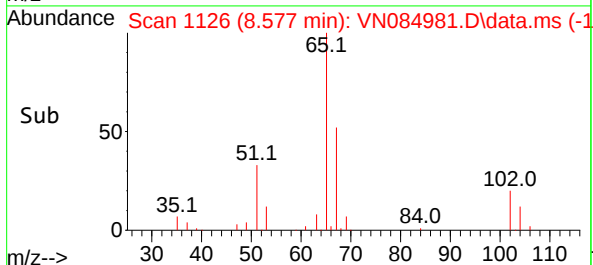
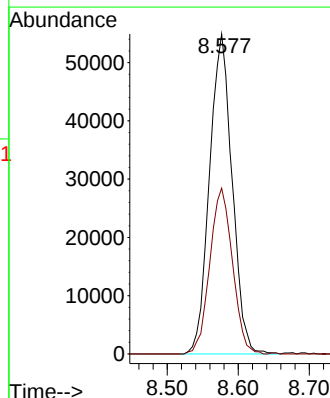
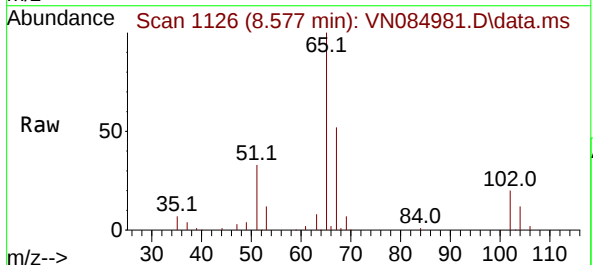
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

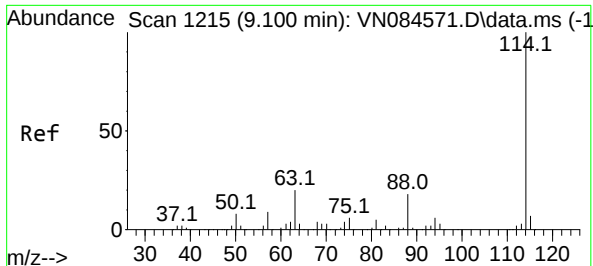
Tgt Ion: 56 Resp: 3612
Ion Ratio Lower Upper
56 100
69 196.0 23.8 35.6#
84 148.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 51.634 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 65 Resp: 121372
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084981.D

Acq: 20 Nov 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

WC-11-A-202411

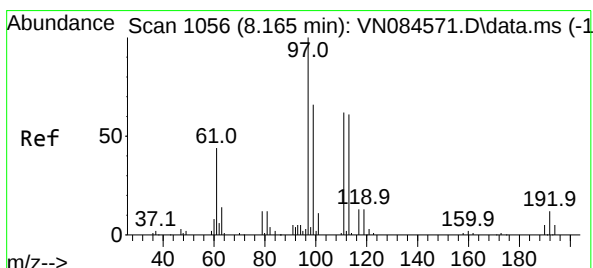
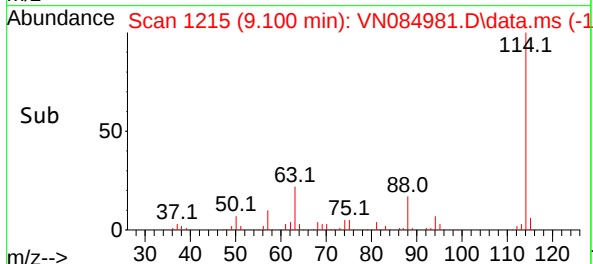
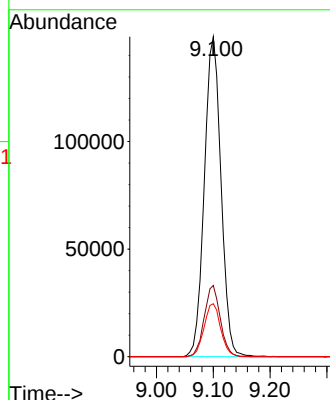
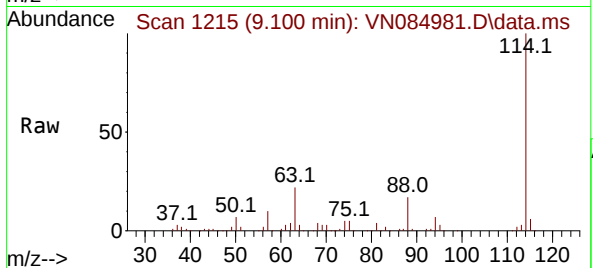
Tgt Ion:114 Resp: 302598

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 47.455 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084981.D

Acq: 20 Nov 2024 20:10

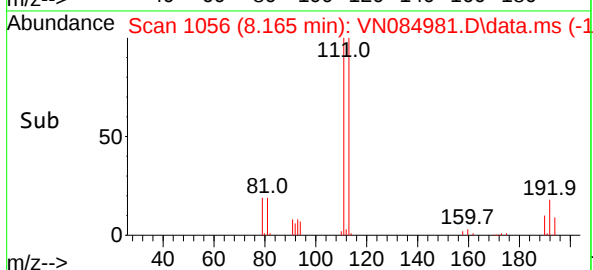
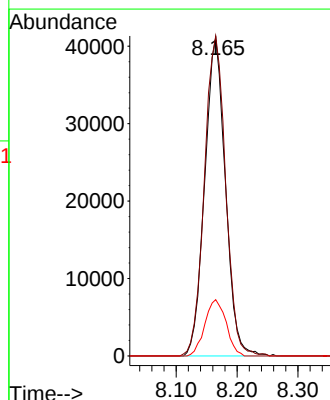
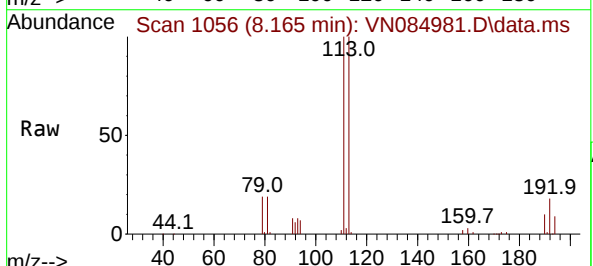
Tgt Ion:113 Resp: 97198

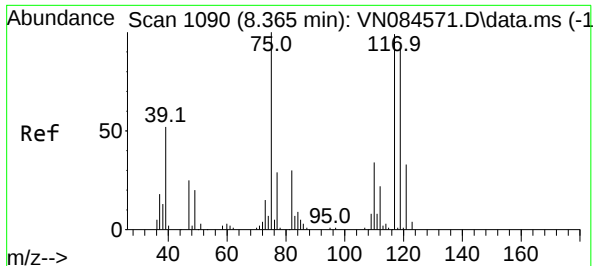
Ion Ratio Lower Upper

113 100

111 103.1 83.3 124.9

192 18.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084981.D

Acq: 20 Nov 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

WC-11-A-202411

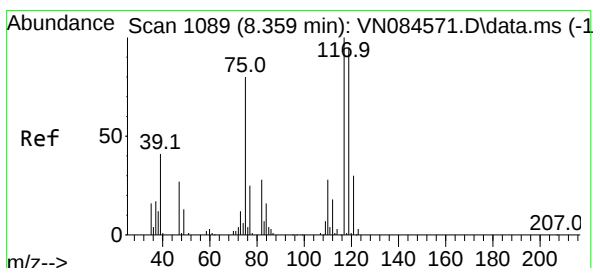
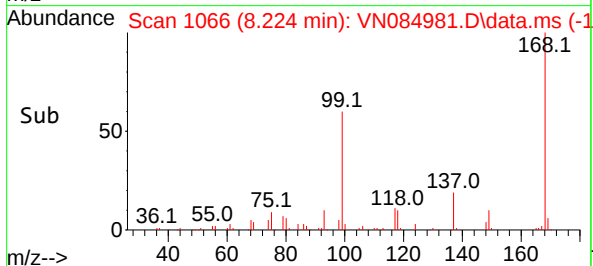
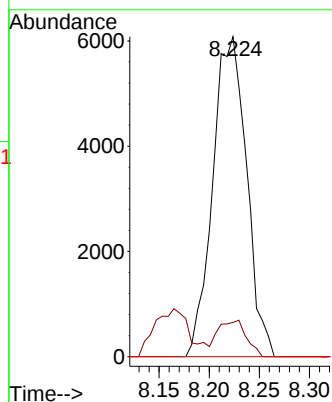
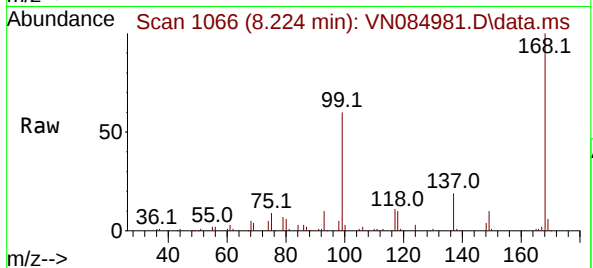
Tgt Ion: 75 Resp: 14249

Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084981.D

Acq: 20 Nov 2024 20:10

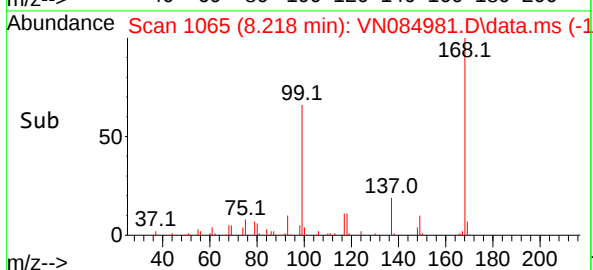
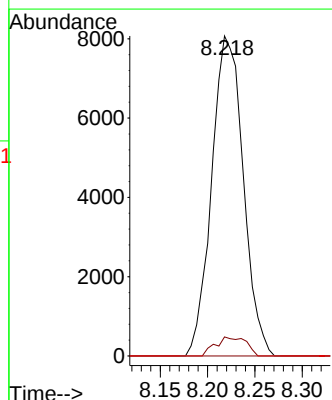
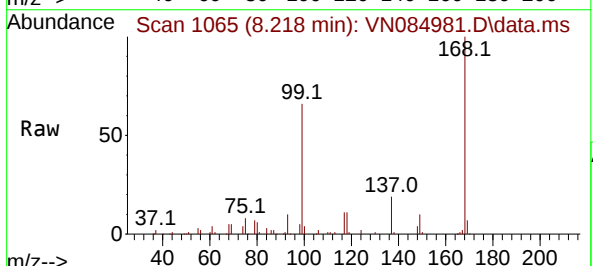
Tgt Ion: 117 Resp: 18725

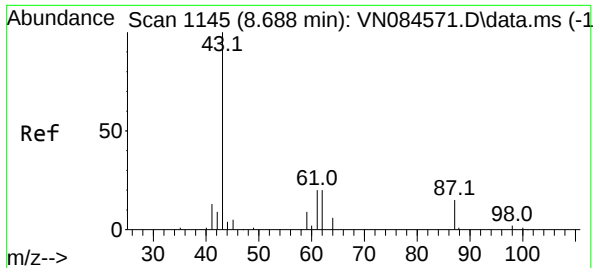
Ion Ratio Lower Upper

117 100

119 6.0 78.7 118.1#

121 0.0 24.4 36.6#

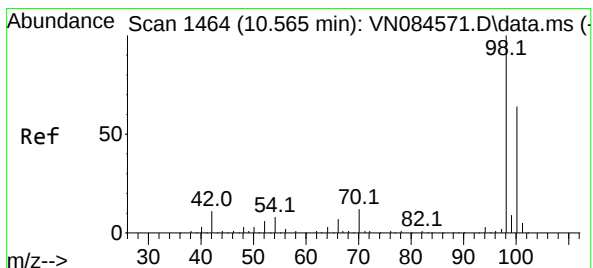
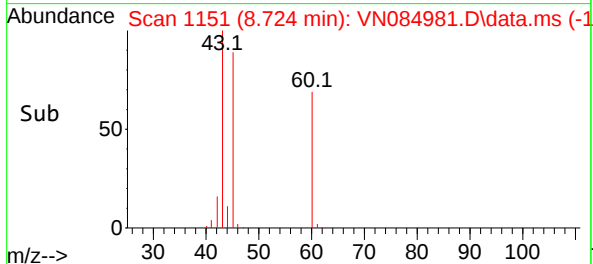
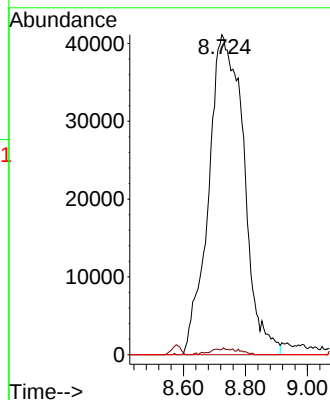
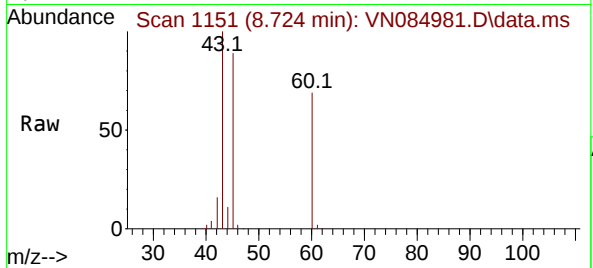




#43
Isopropyl Acetate
Concen: 68.683 ug/l
RT: 8.724 min Scan# 1151
Delta R.T. 0.036 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

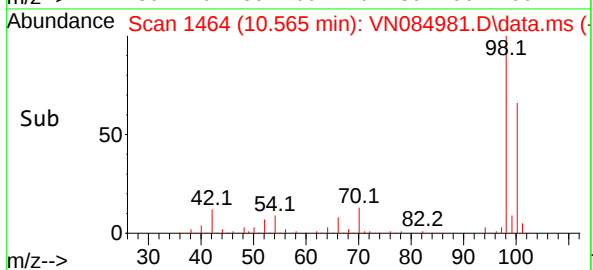
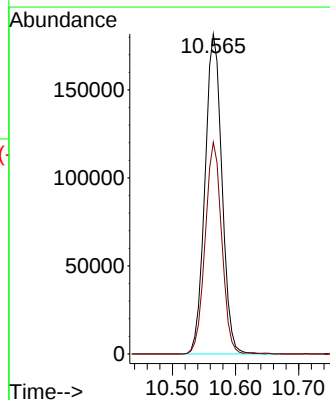
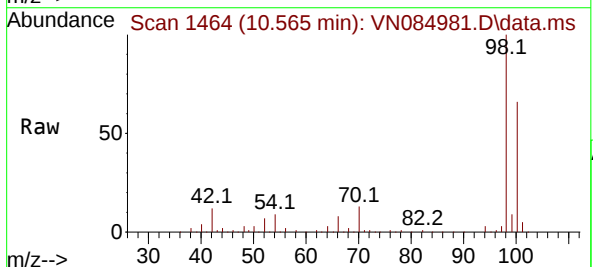
Instrument :
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WC-11-A-202411

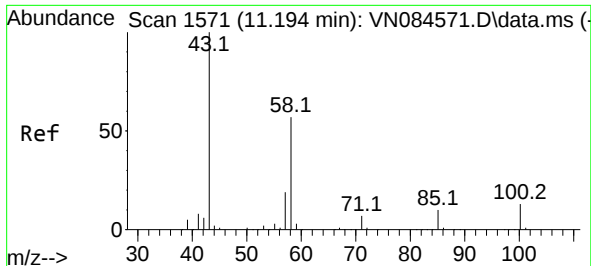
Tgt Ion: 43 Resp: 325307
Ion Ratio Lower Upper
43 100
61 0.2 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 44.917 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 98 Resp: 338898
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

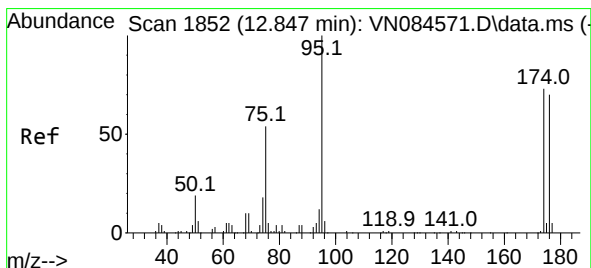
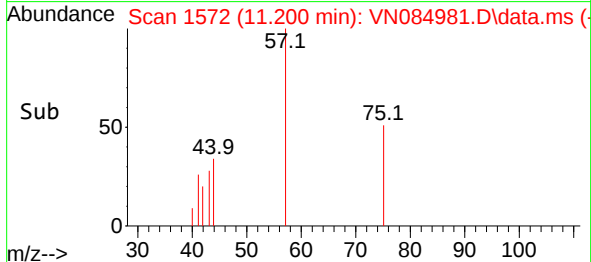
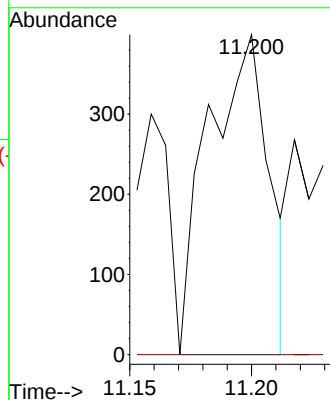
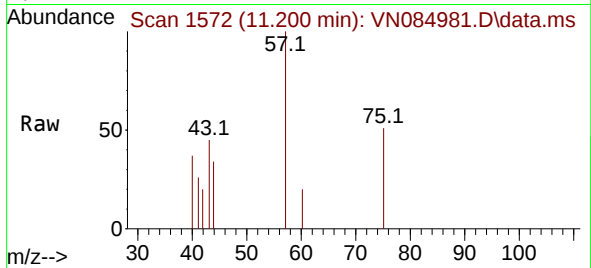




#59
2-Hexanone
Concen: 0.387 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

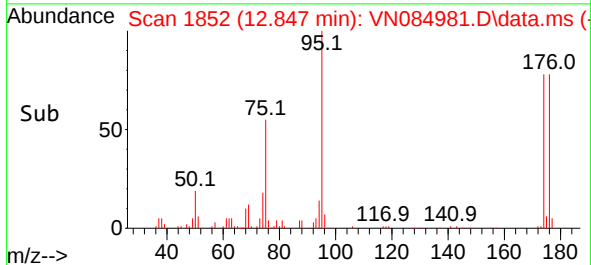
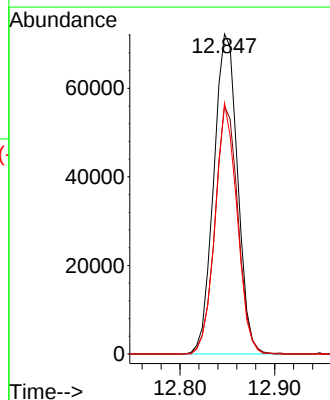
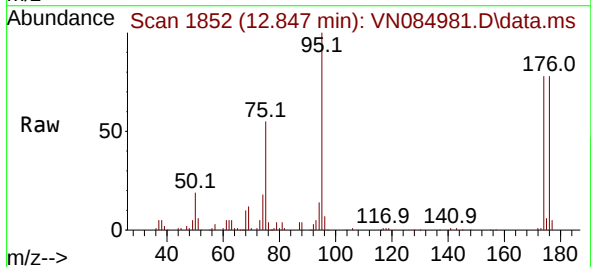
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

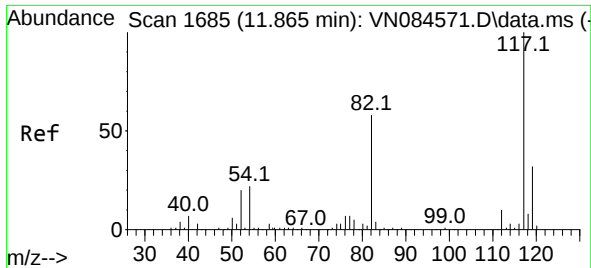
Tgt Ion: 43 Resp: 692
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#



#62
4-Bromofluorobenzene
Concen: 44.754 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion: 95 Resp: 126197
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.2
176 72.1 0.0 140.0

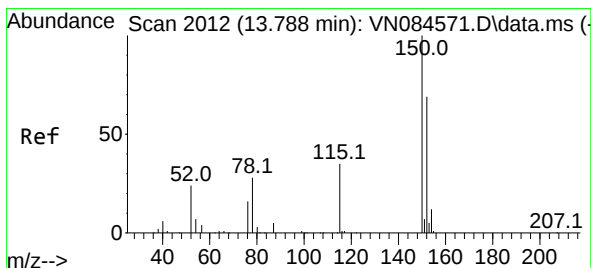
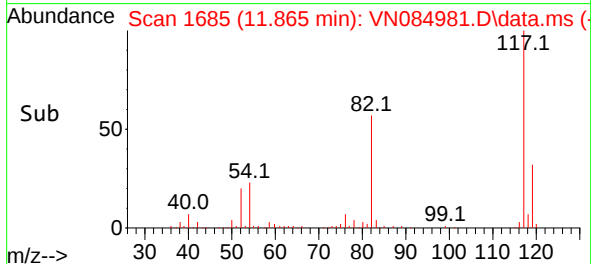
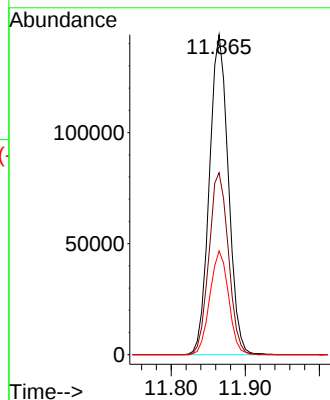
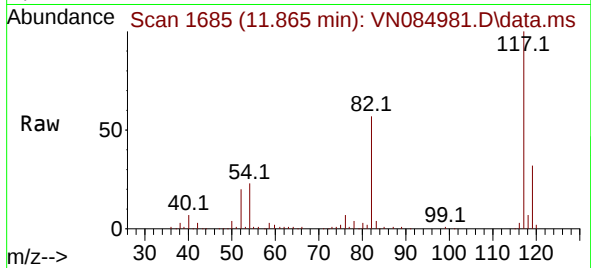




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

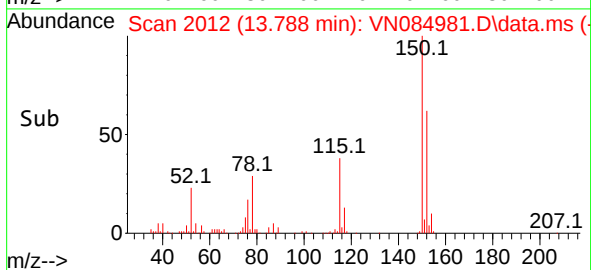
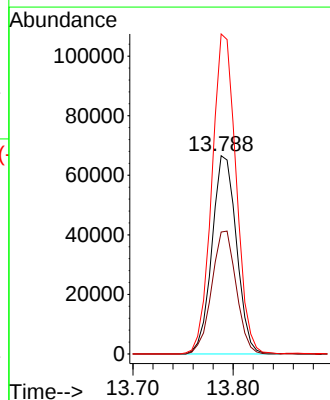
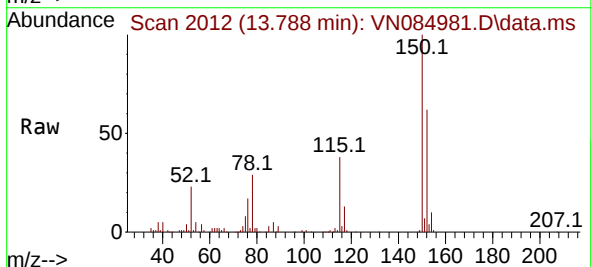
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

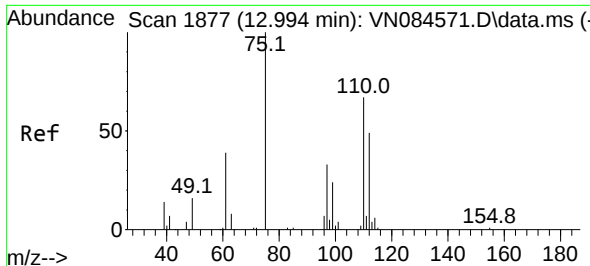
Tgt Ion:117 Resp: 256627
Ion Ratio Lower Upper
117 100
82 56.8 47.2 70.8
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Tgt Ion:152 Resp: 112787
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 159.7 0.0 349.8

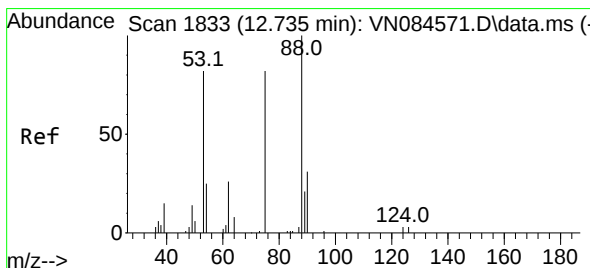
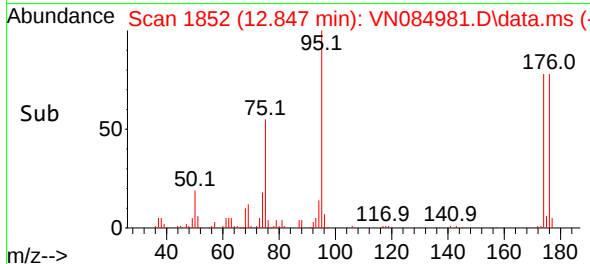
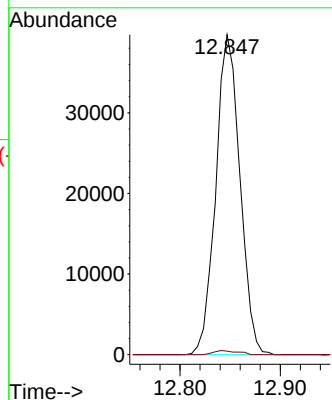
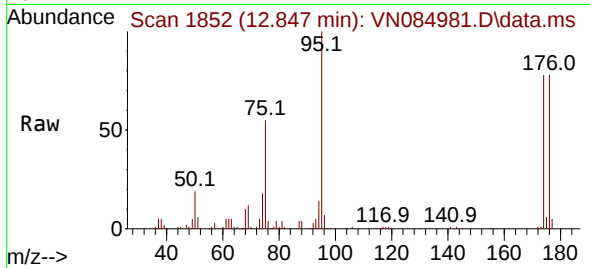




#76
1,2,3-Trichloropropane
Concen: 29.447 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

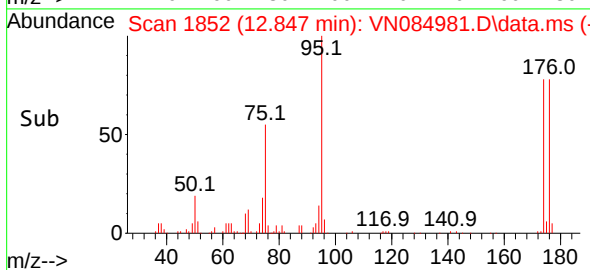
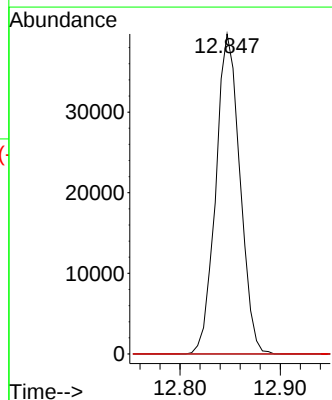
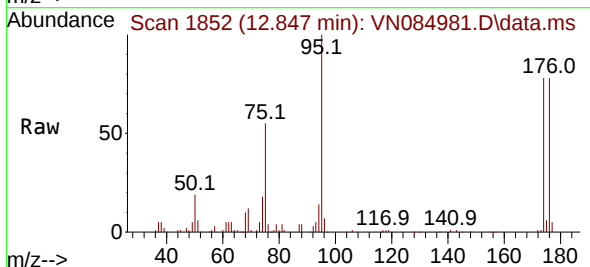
Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411

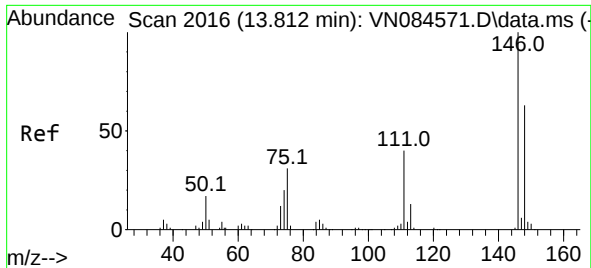
Tgt Ion: 75 Resp: 66391
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.861 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

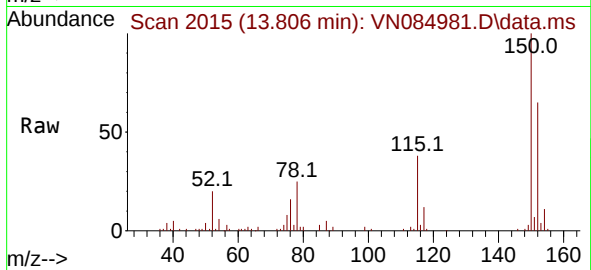
Tgt Ion: 75 Resp: 66391
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.806 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN084981.D
Acq: 20 Nov 2024 20:10

Instrument :
MSVOA_N
ClientSampleId :
WC-11-A-202411



Tgt Ion	Ratio	Lower	Upper
146	100		
111	998.7	21.2	63.6#
148	312.2	31.9	95.9#

