

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110424\
 Data File : VN084647.D
 Acq On : 04 Nov 2024 10:38
 Operator : JC\MD
 Sample : VN1104WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 05 00:20:52 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)

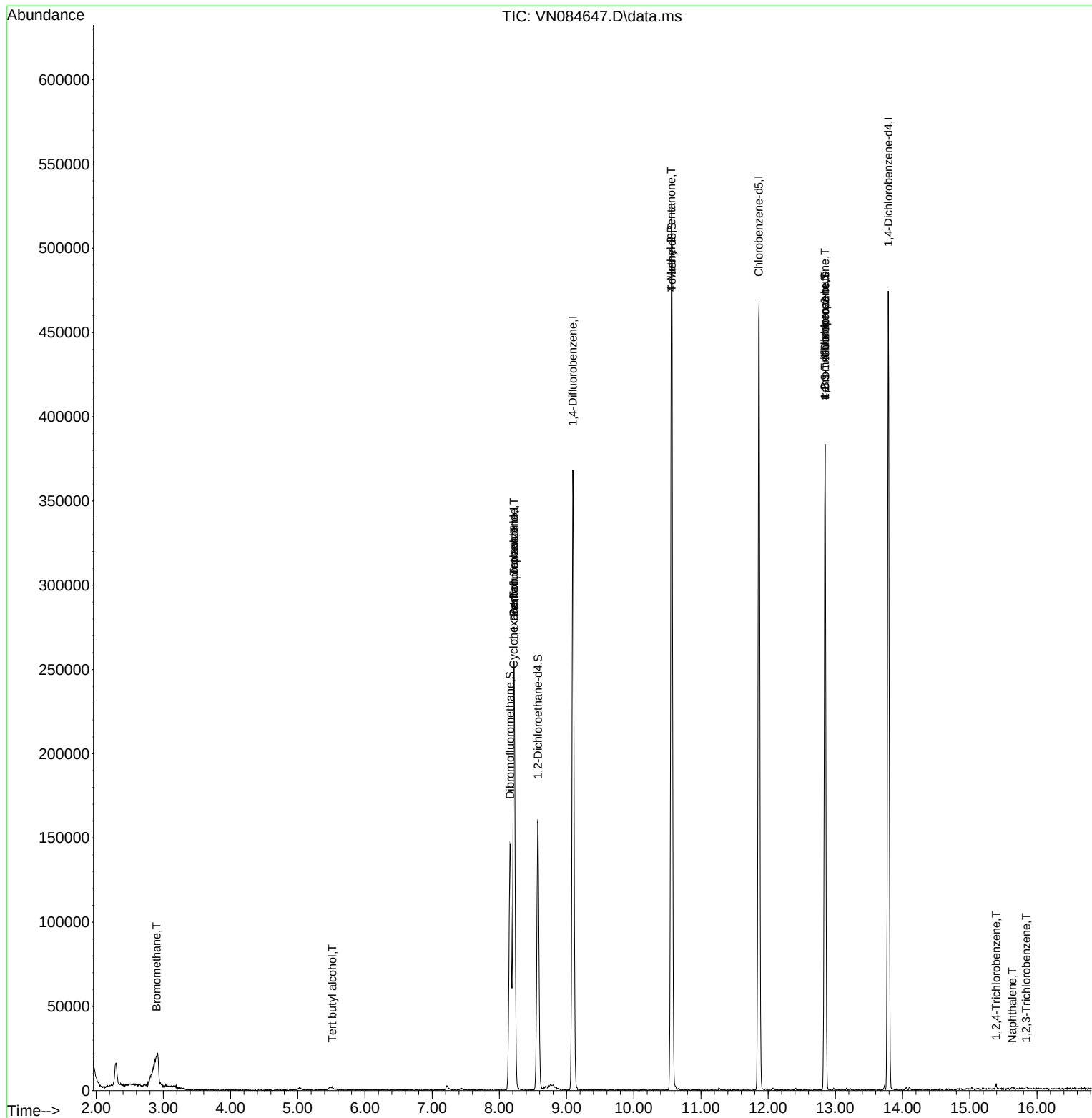
Internal Standards						
1) Pentafluorobenzene	8.218	168	181983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	315820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	273716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129442	49.247	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.500%	
35) Dibromofluoromethane	8.159	113	106509	49.824	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.640%	
50) Toluene-d8	10.565	98	369131	46.876	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.760%	
62) 4-Bromofluorobenzene	12.847	95	132801	45.124	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	670	Below Cal	#	80
5) Bromomethane	2.901	94	347	0.291	ug/l	82
6) Chloroethane	3.159	64	446	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	1158	3.338	ug/l #	73
16) Acetone	4.442	43	66	Below Cal	#	44
18) Methyl Acetate	5.024	43	2605	Below Cal	#	64
31) Cyclohexane	8.212	56	3986	1.098	ug/l #	14
36) 1,1-Dichloropropene	8.224	75	15094	5.091	ug/l #	50
38) Carbon Tetrachloride	8.218	117	19755	5.961	ug/l #	14
43) Isopropyl Acetate	8.683	43	1466	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	945	0.369	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68480	27.038	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68480	64.145	ug/l #	11
88) 1,4-Dichlorobenzene	13.729	146	921	Below Cal		78
93) 1,2,4-Trichlorobenzene	15.394	180	1002	0.409	ug/l	84
95) Naphthalene	15.635	128	1712	0.233	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.841	180	789	0.332	ug/l #	78

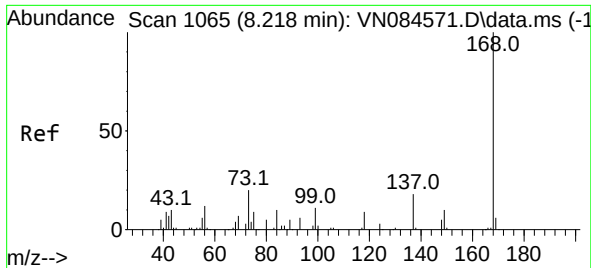
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 00:20:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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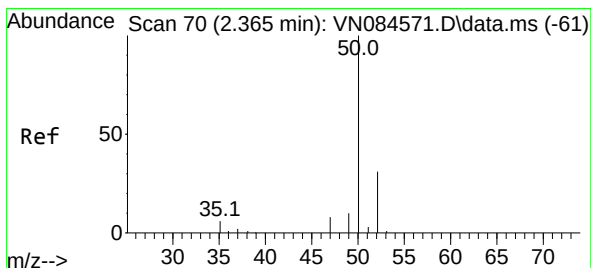
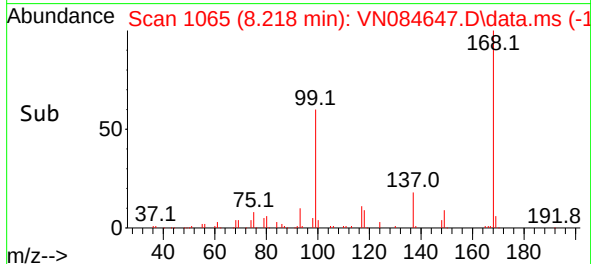
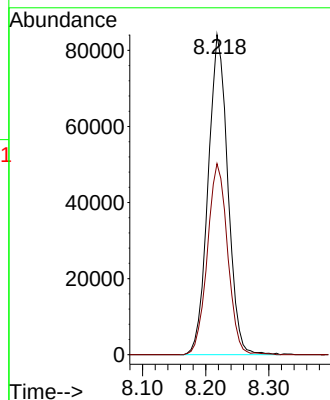
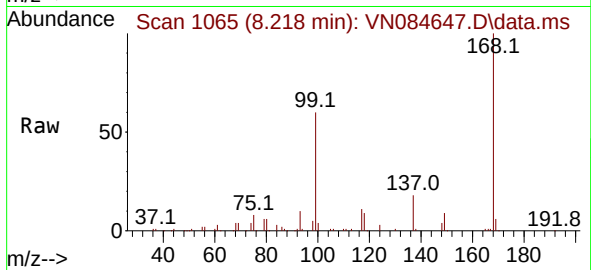




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

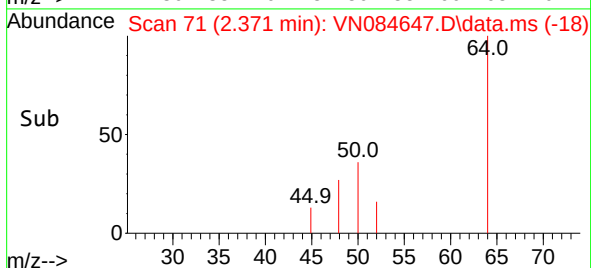
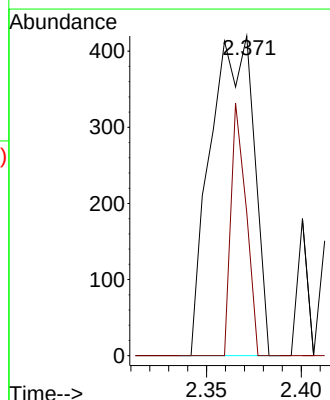
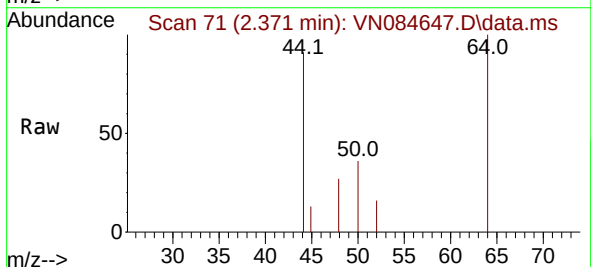
Instrument :
MSVOA_N
ClientSampleId :

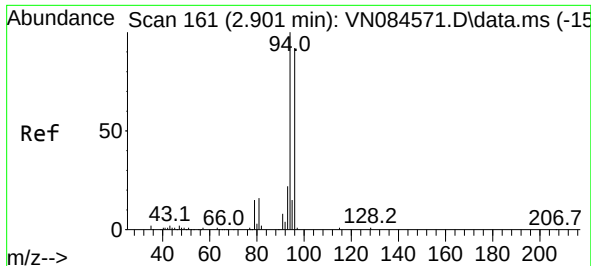
Tgt Ion:168 Resp: 181983
Ion Ratio Lower Upper
168 100
99 59.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 44.8 26.8 40.2#

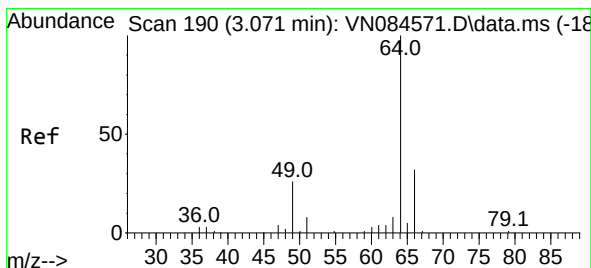
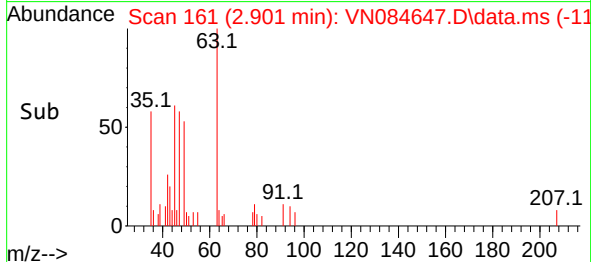
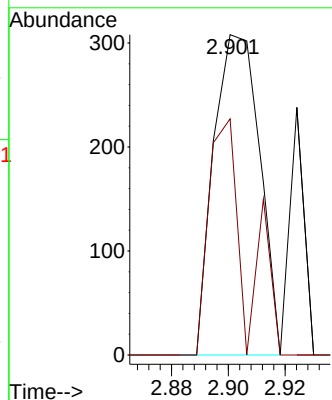
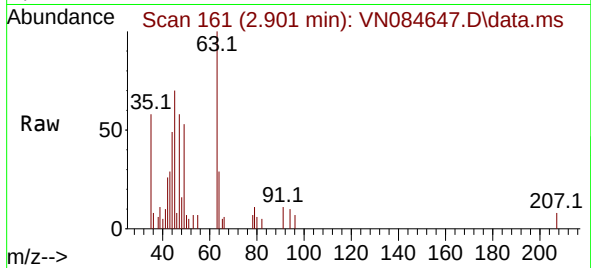




#5
Bromomethane
Concen: 0.291 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

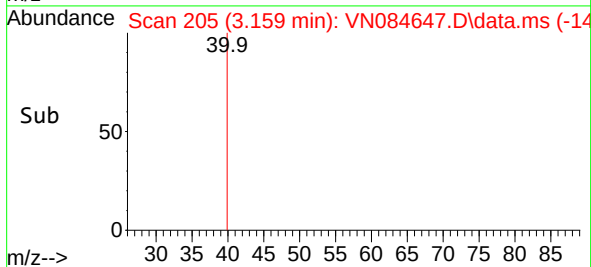
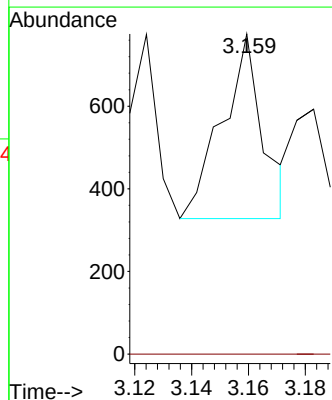
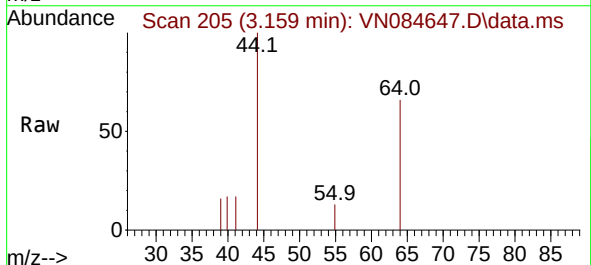
Instrument :
MSVOA_N
ClientSampleId :

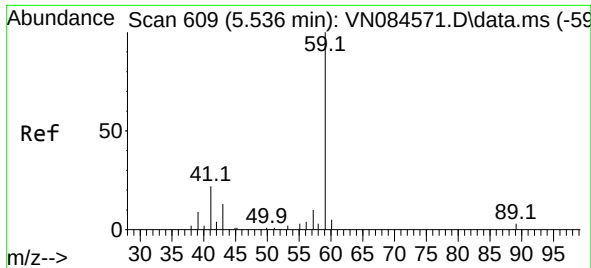
Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 73.7 72.9 109.3



#6
Chloroethane
Concen: Below Cal
RT: 3.159 min Scan# 205
Delta R.T. 0.041 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

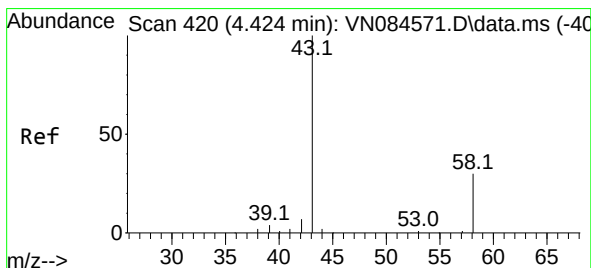
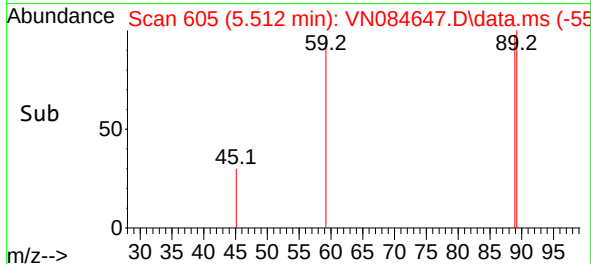
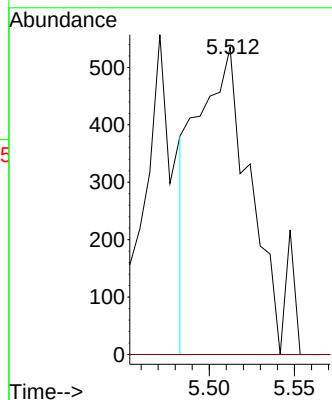
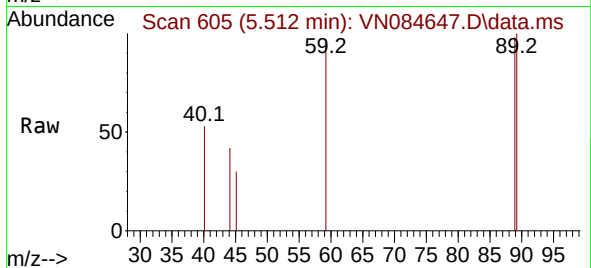




#11
Tert butyl alcohol
Concen: 3.338 ug/l
RT: 5.512 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

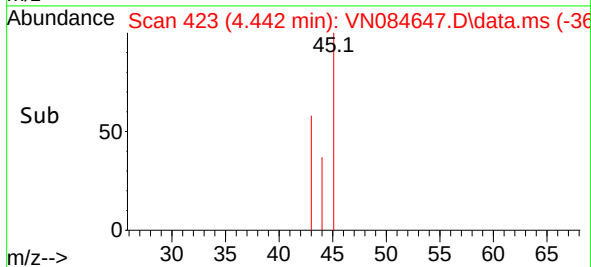
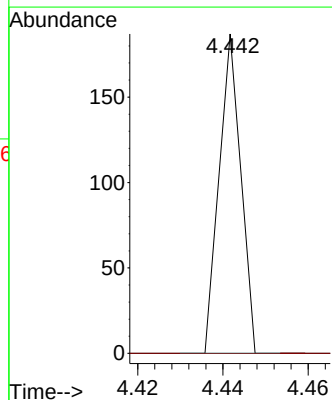
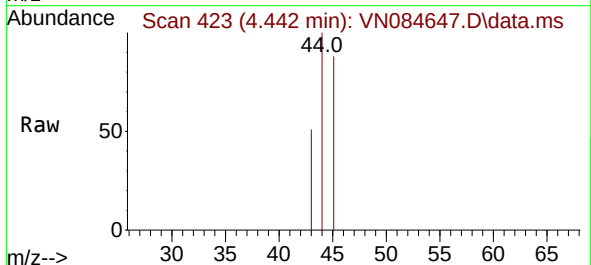
Instrument :
MSVOA_N
ClientSampleId :

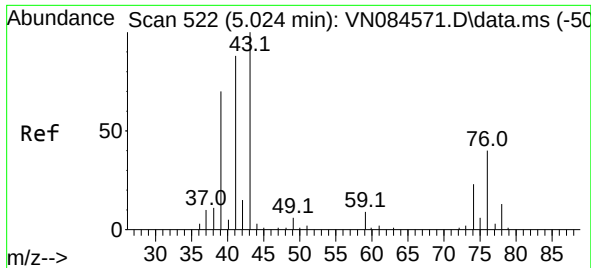
Tgt Ion: 59 Resp: 1158
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

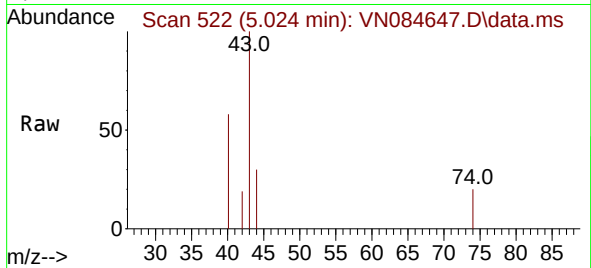
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



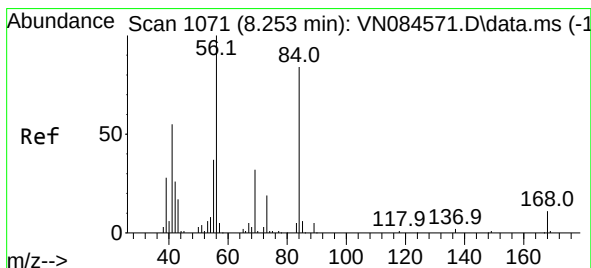
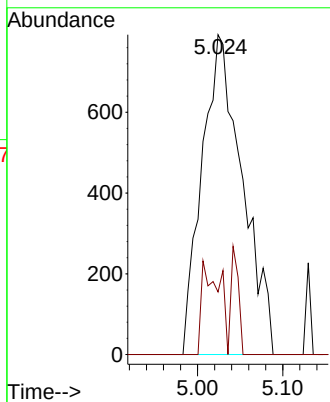
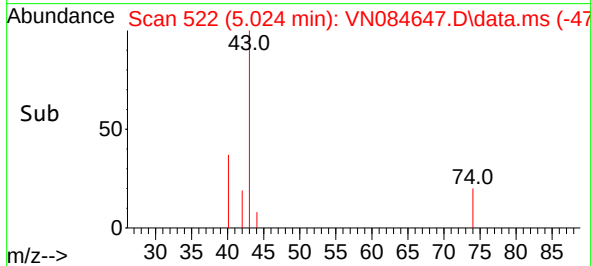


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

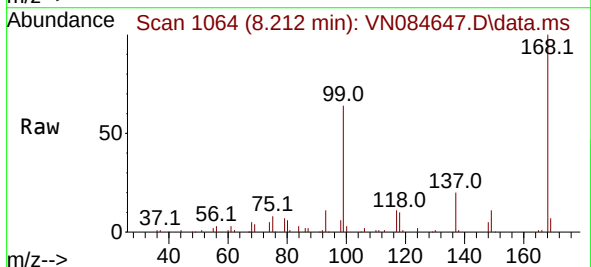
Instrument :
MSVOA_N
ClientSampleId :



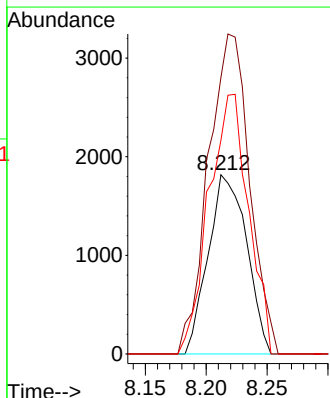
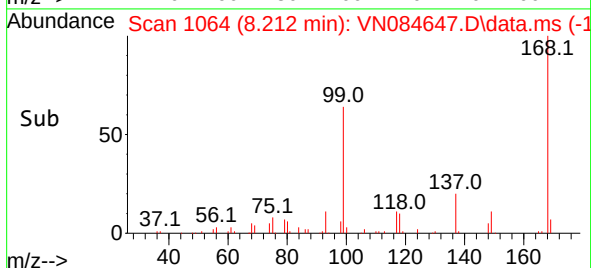
Tgt Ion: 43 Resp: 2605
Ion Ratio Lower Upper
43 100
74 6.2 19.2 28.8#

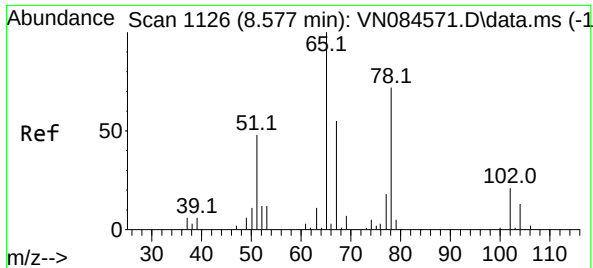


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38



Tgt Ion: 56 Resp: 3986
Ion Ratio Lower Upper
56 100
69 154.3 23.8 35.6#
84 119.3 68.8 103.2#

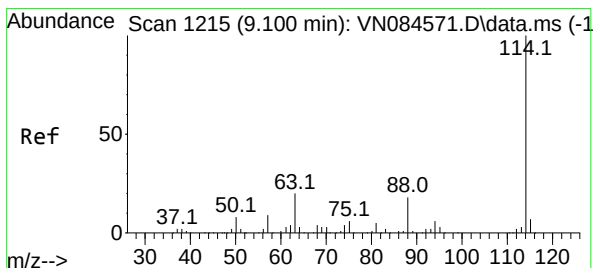
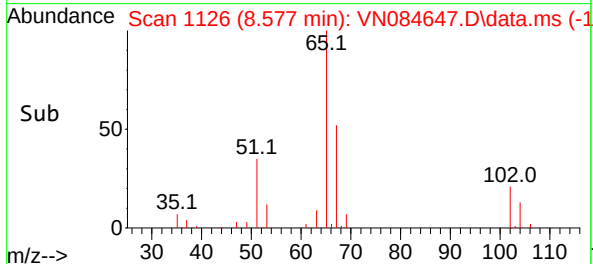
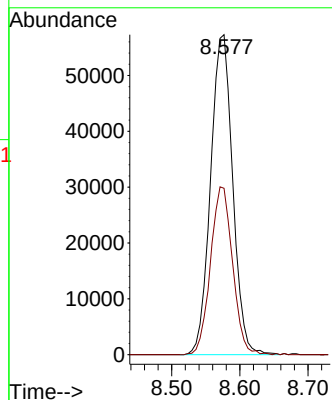
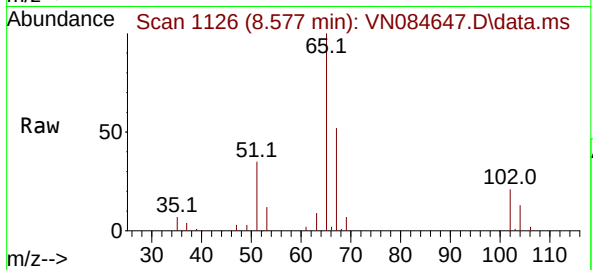




#33
 1,2-Dichloroethane-d4
 Concen: 49.247 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084647.D
 Acq: 04 Nov 2024 10:38

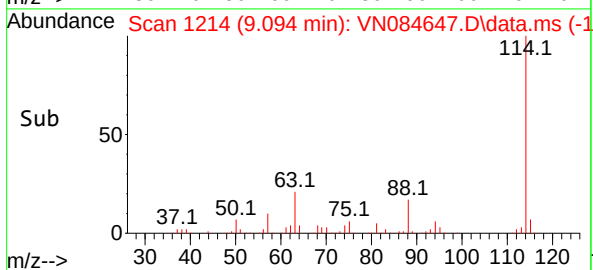
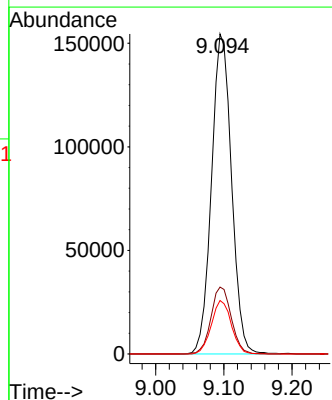
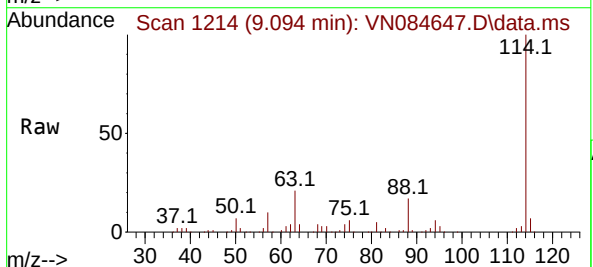
Instrument :
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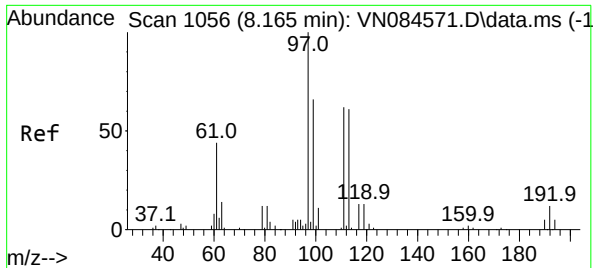
Tgt Ion: 65 Resp: 129442
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084647.D
 Acq: 04 Nov 2024 10:38

Tgt Ion: 114 Resp: 315820
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.8
 88 16.7 0.0 31.6

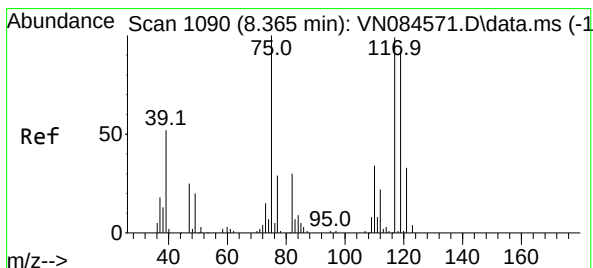
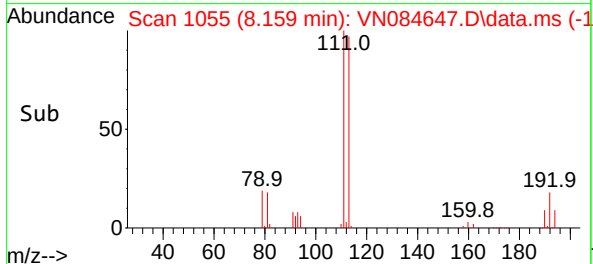
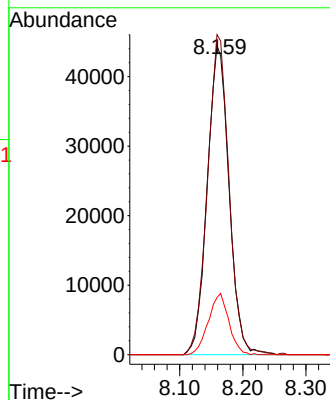
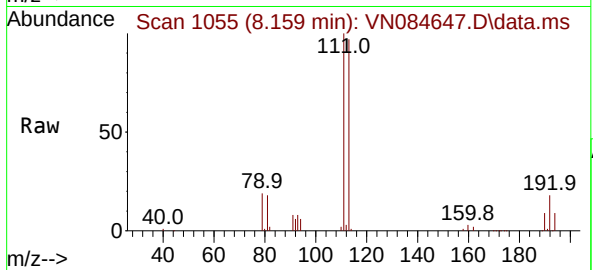




#35
Dibromofluoromethane
Concen: 49.824 ug/l
RT: 8.159 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

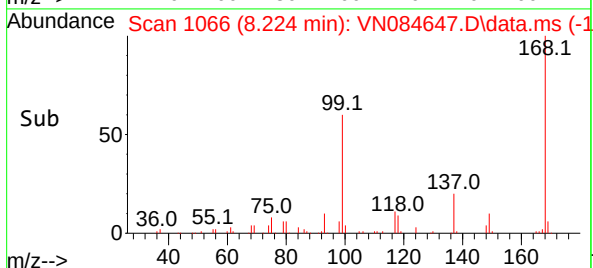
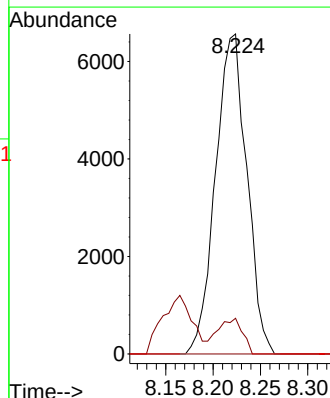
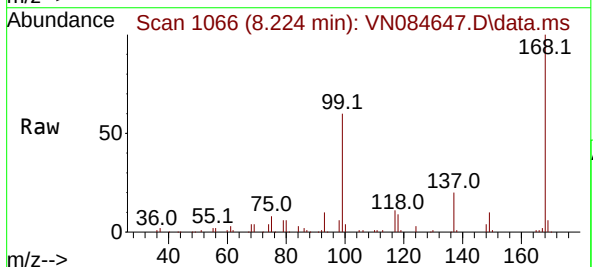
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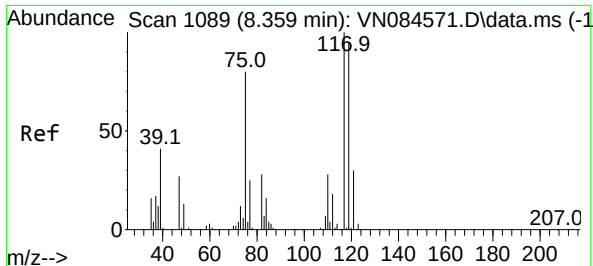
Tgt Ion:113 Resp: 106509
Ion Ratio Lower Upper
113 100
111 102.1 83.3 124.9
192 18.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

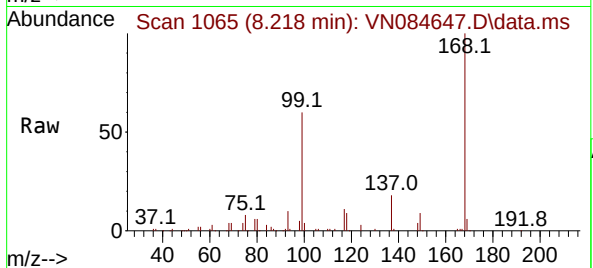
Tgt Ion: 75 Resp: 15094
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.7#
77 0.0 24.7 37.1#



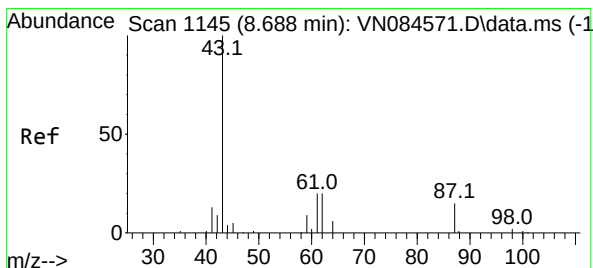
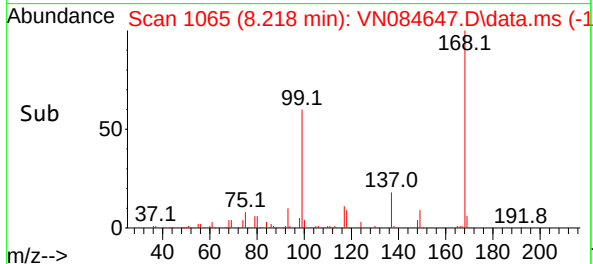
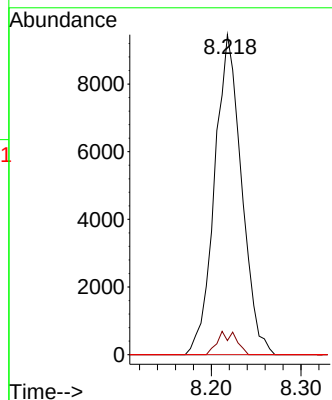


#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 8.218 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

Instrument :
MSVOA_N
ClientSampleId :

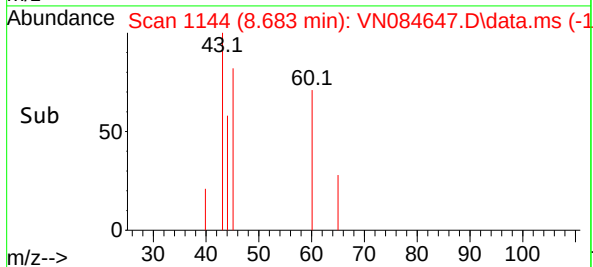
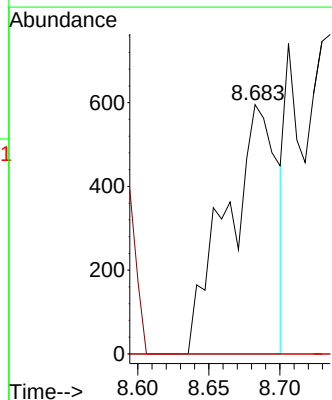
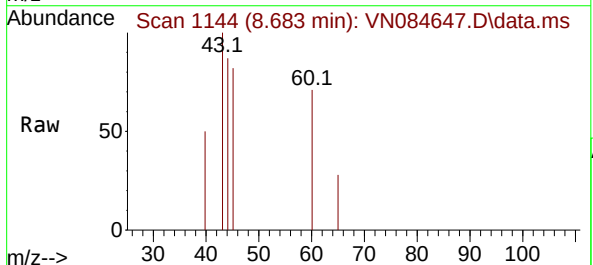


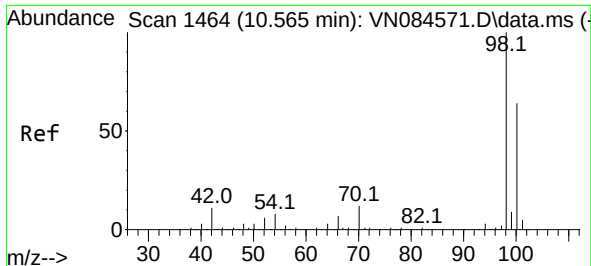
Tgt Ion:117 Resp: 19755
Ion Ratio Lower Upper
117 100
119 4.4 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.005 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 46.876 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084647.D

Acq: 04 Nov 2024 10:38

Instrument :

MSVOA_N

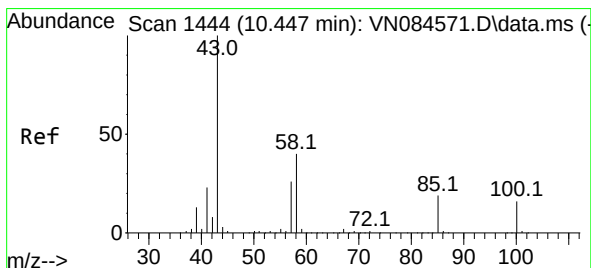
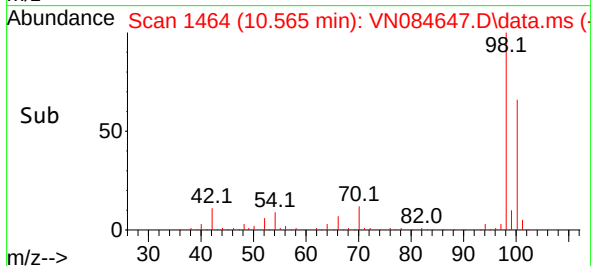
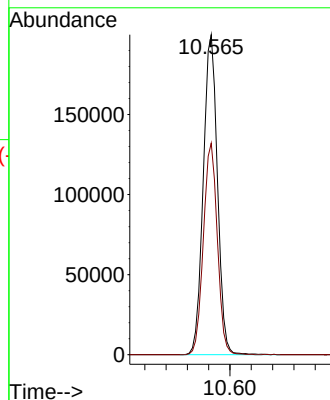
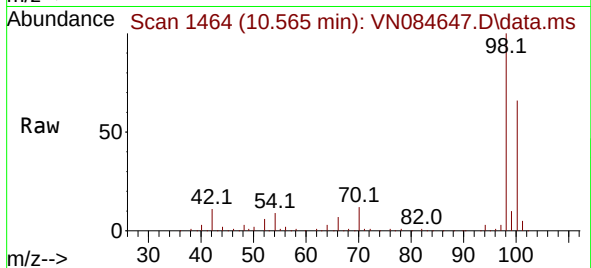
ClientSampleId :

Tgt Ion: 98 Resp: 369131

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.369 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.118 min

Lab File: VN084647.D

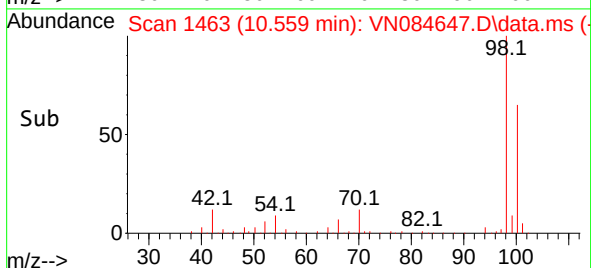
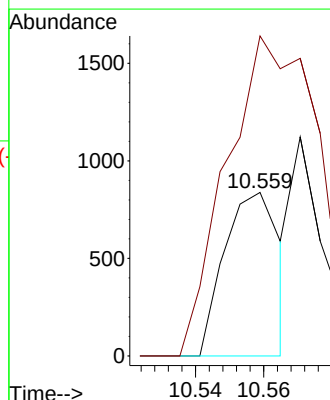
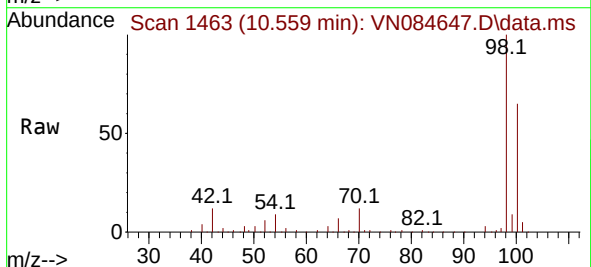
Acq: 04 Nov 2024 10:38

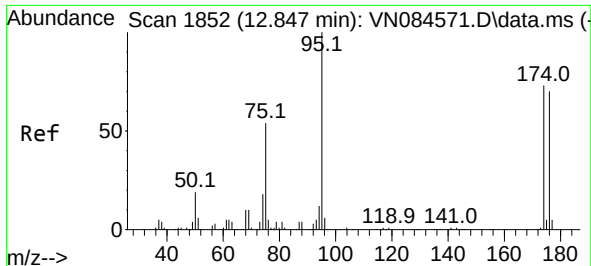
Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

43 100

58 322.9 31.6 47.4#

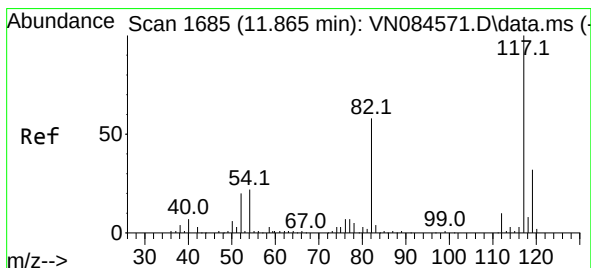
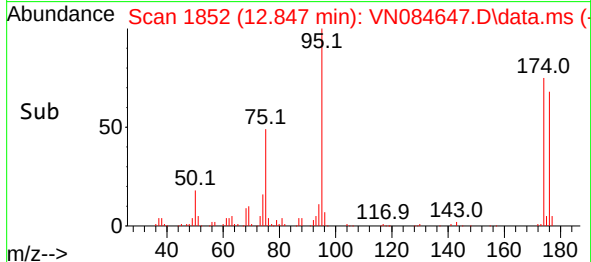
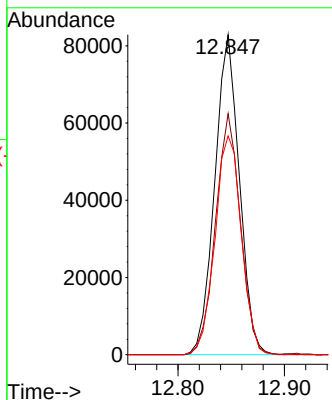
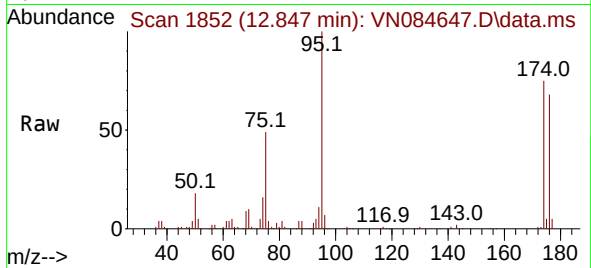




#62
4-Bromofluorobenzene
Concen: 45.124 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

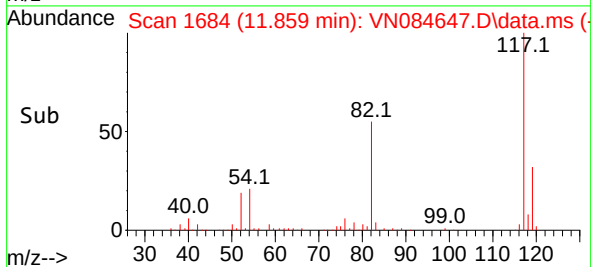
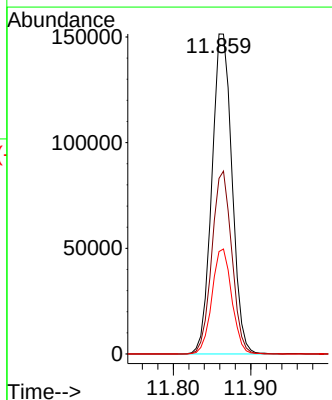
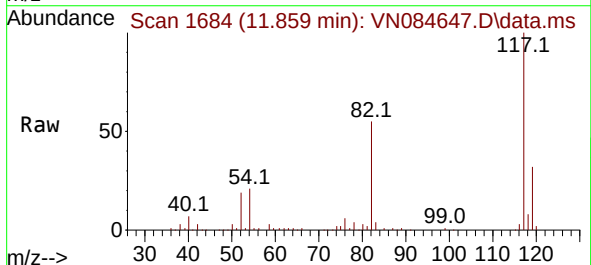
Instrument :
MSVOA_N
ClientSampleId :

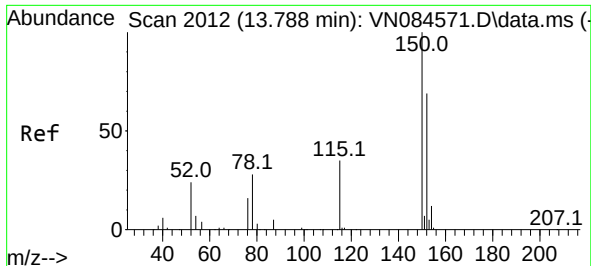
Tgt Ion: 95 Resp: 132801
Ion Ratio Lower Upper
95 100
174 76.2 0.0 145.2
176 73.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

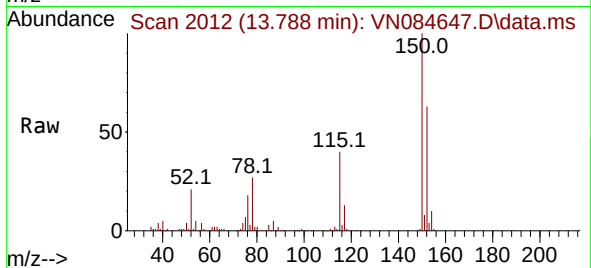
Tgt Ion: 117 Resp: 273716
Ion Ratio Lower Upper
117 100
82 54.9 47.2 70.8
119 32.0 25.4 38.0



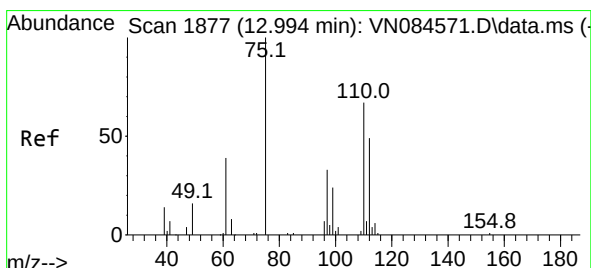
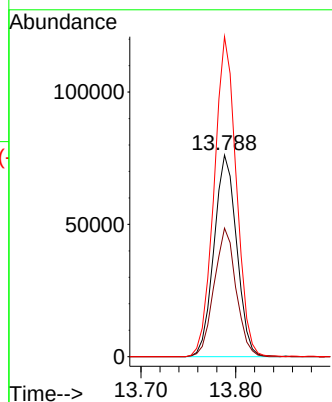
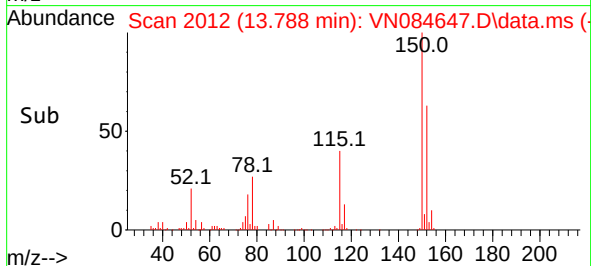


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084647.D
 Acq: 04 Nov 2024 10:38

Instrument :
 MSVOA_N
 ClientSampleId :

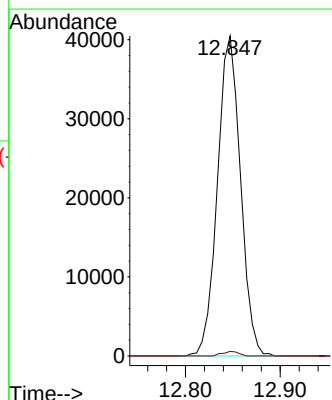
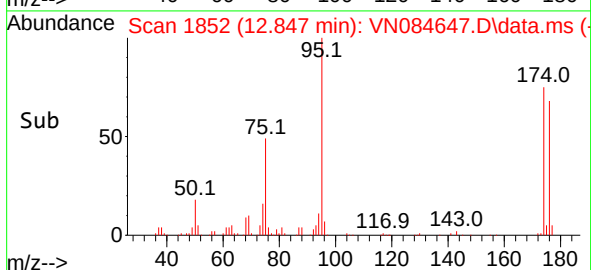
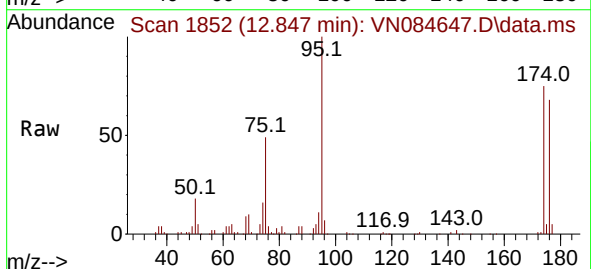


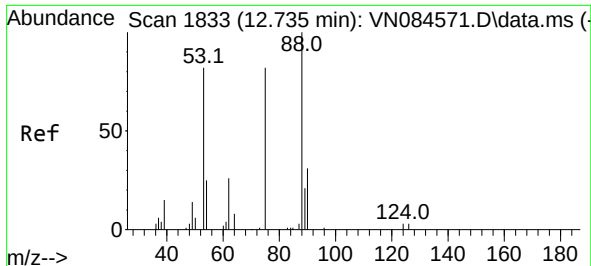
Tgt Ion:152 Resp: 126703
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.3 93.9
 150 155.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.038 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084647.D
 Acq: 04 Nov 2024 10:38

Tgt Ion: 75 Resp: 68480
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.9 290.7#

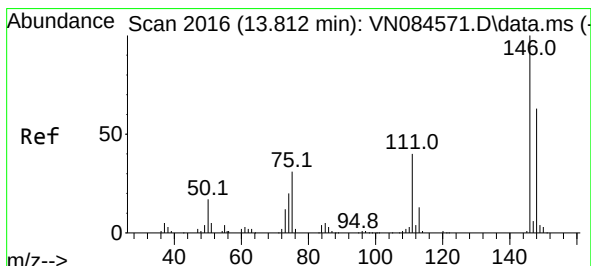
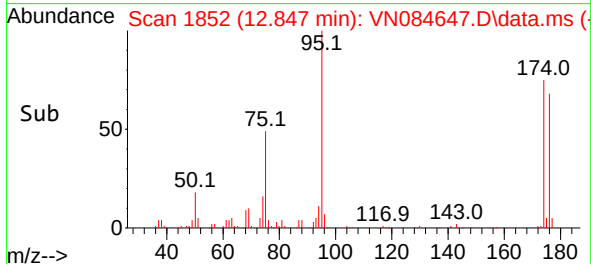
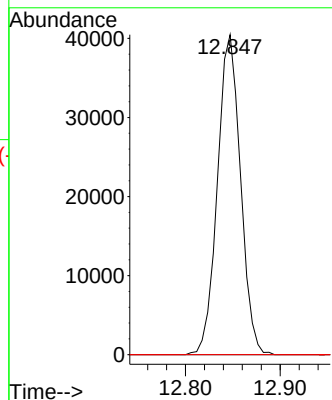
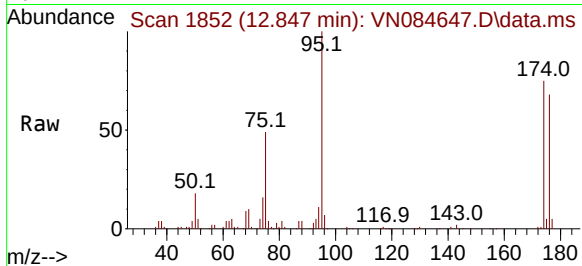




#81
trans-1,4-Dichloro-2-butene
Concen: 64.145 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

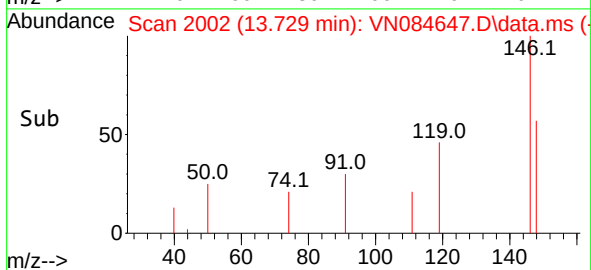
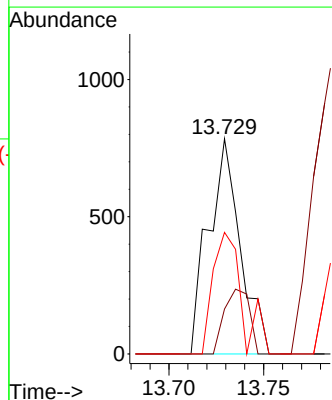
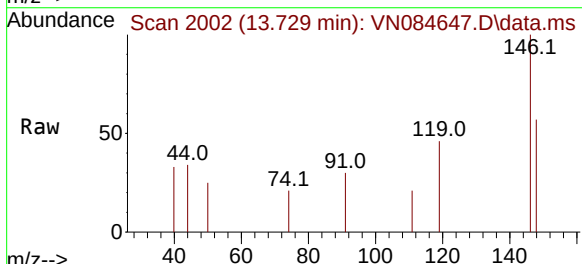
Instrument :
MSVOA_N
ClientSampleId :

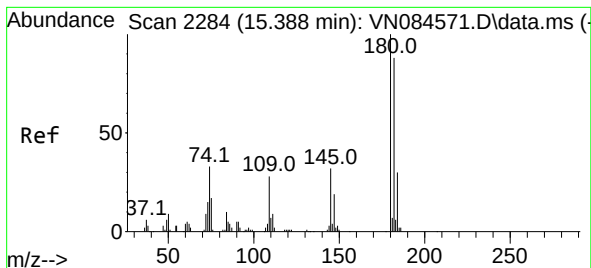
Tgt Ion: 75 Resp: 68480
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2002
Delta R.T. -0.083 min
Lab File: VN084647.D
Acq: 04 Nov 2024 10:38

Tgt Ion:146 Resp: 921
Ion Ratio Lower Upper
146 100
111 23.7 21.2 63.6
148 51.1 31.9 95.9





#93

1,2,4-Trichlorobenzene

Concen: 0.409 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084647.D

Acq: 04 Nov 2024 10:38

Instrument :

MSVOA_N

ClientSampleId :

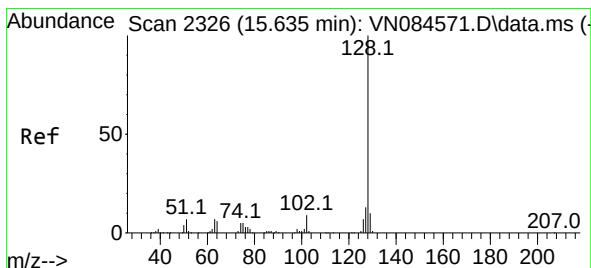
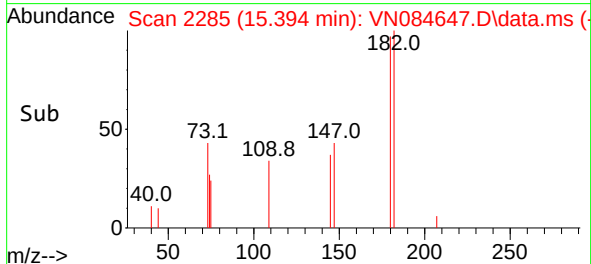
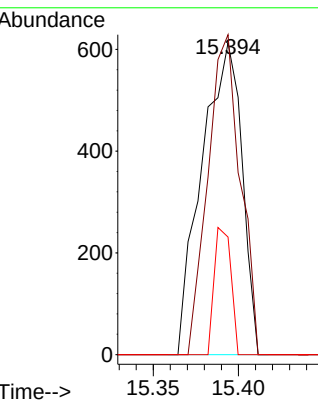
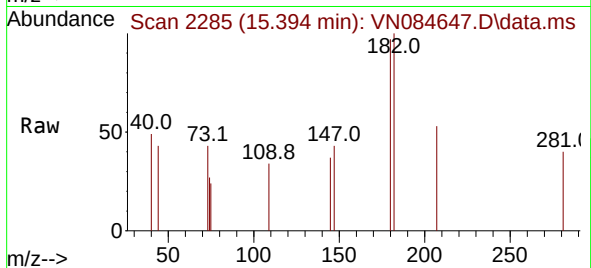
Tgt Ion:180 Resp: 1002

Ion Ratio Lower Upper

180 100

182 82.8 47.0 141.0

145 17.0 16.4 49.4



#95

Naphthalene

Concen: 0.233 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084647.D

Acq: 04 Nov 2024 10:38

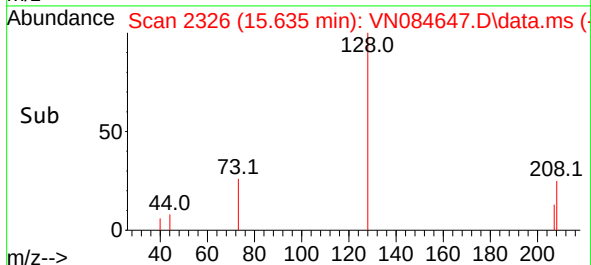
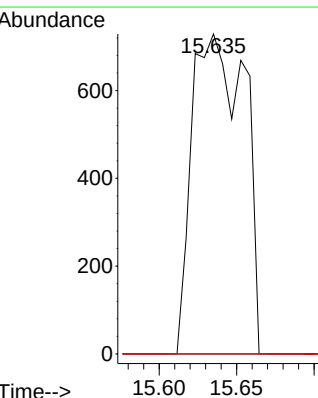
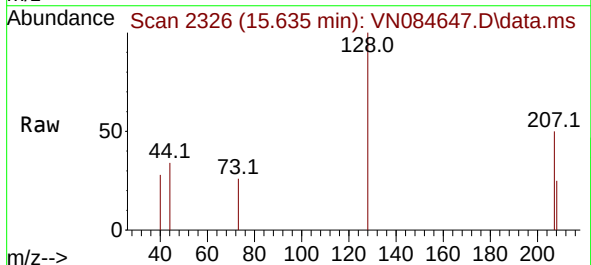
Tgt Ion:128 Resp: 1712

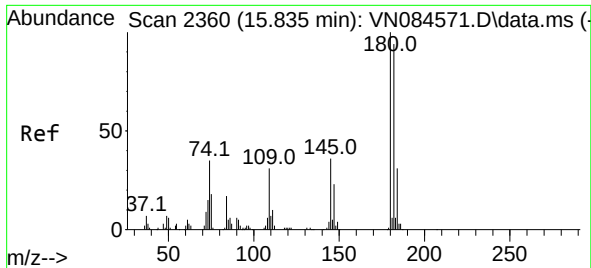
Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

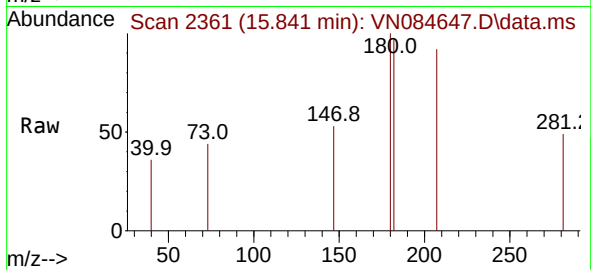
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.332 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084647.D
 Acq: 04 Nov 2024 10:38

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	789
Ion	Ratio	Lower	Upper
180	100		
182	88.6	48.2	144.6
145	0.0	17.3	51.9#

