

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084726.D
 Acq On : 07 Nov 2024 17:09
 Operator : JC\MD
 Sample : P4732-04
 Misc : 1.05G/10 mL/100uL//5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 08 00:29:39 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)

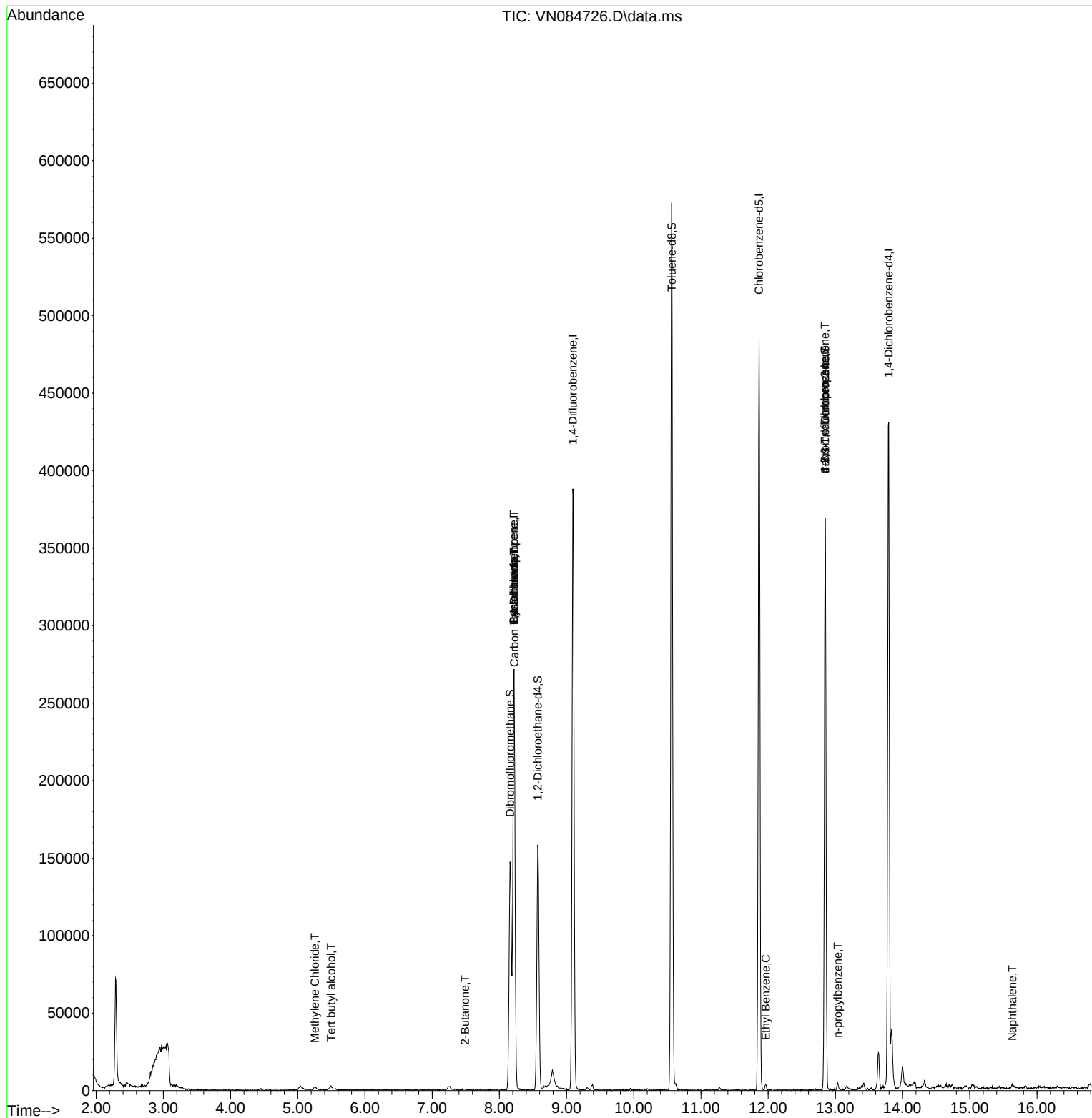
Internal Standards						
1) Pentafluorobenzene	8.218	168	192832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	132718	47.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.300%		
35) Dibromofluoromethane	8.159	113	107502	46.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.780%		
50) Toluene-d8	10.565	98	394405	46.699	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.400%		
62) 4-Bromofluorobenzene	12.847	95	131166	41.555	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	83.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	897	Below Cal	#	84
6) Chloroethane	3.147	64	137	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	2129	5.791	ug/l #	73
16) Acetone	4.459	43	195	Below Cal	#	44
18) Methyl Acetate	5.036	43	6165	Below Cal	#	78
20) Methylene Chloride	5.253	84	1608	0.656	ug/l #	69
25) 2-Butanone	7.488	43	351	0.270	ug/l #	48
31) Cyclohexane	8.218	56	4043	1.051	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	15825	4.977	ug/l #	52
38) Carbon Tetrachloride	8.224	117	20488	5.765	ug/l #	15
43) Isopropyl Acetate	8.677	43	2386	Below Cal	#	56
67) Ethyl Benzene	11.965	91	3337	0.317	ug/l	91
76) 1,2,3-Trichloropropane	12.847	75	66257	27.752	ug/l #	1
78) n-propylbenzene	13.035	91	4531	0.462	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.847	75	66257	65.838	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	329	Below Cal	#	24
95) Naphthalene	15.635	128	3079	0.445	ug/l #	90

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

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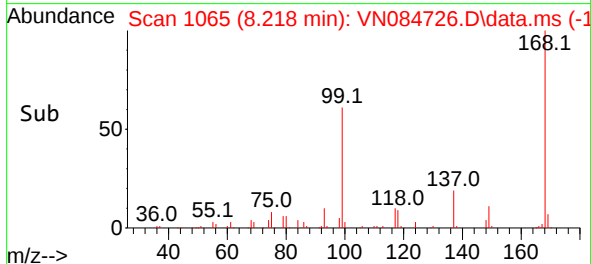
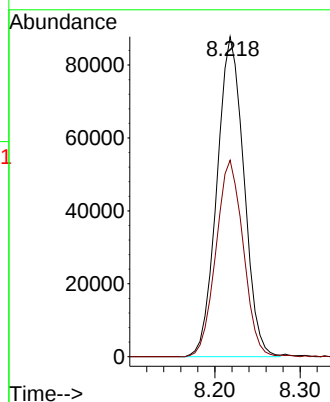
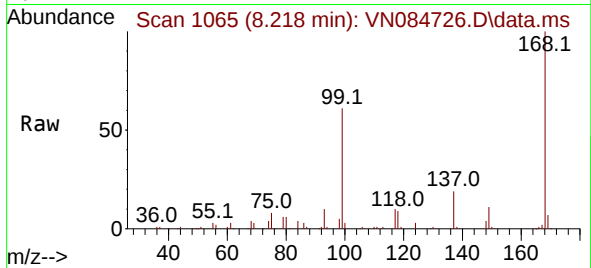




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

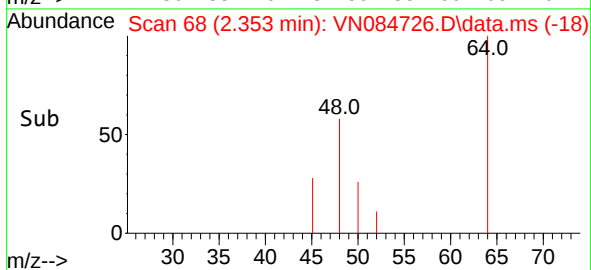
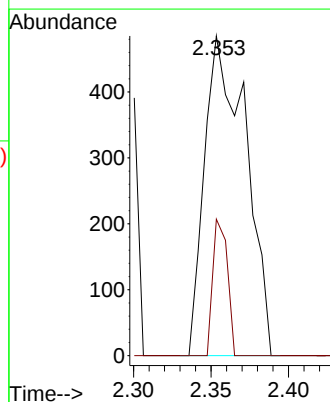
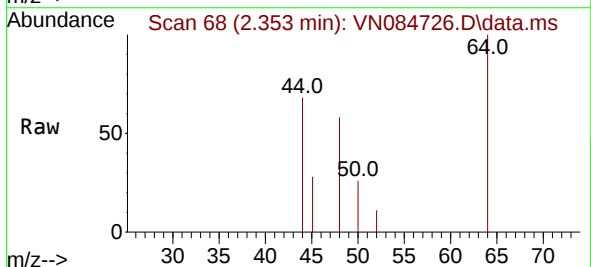
Instrument :
MSVOA_N
ClientSampleId :

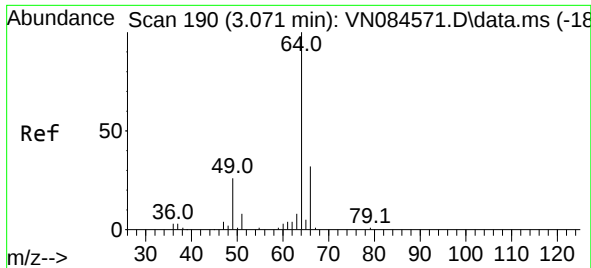
Tgt Ion:168 Resp: 192832
Ion Ratio Lower Upper
168 100
99 61.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 42.7 26.8 40.2#

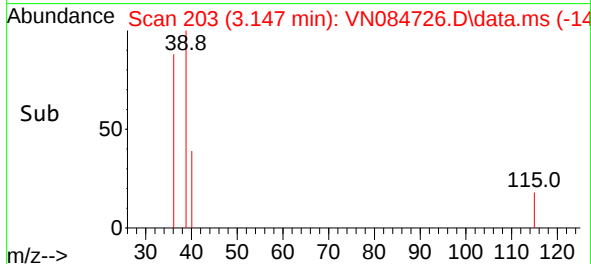
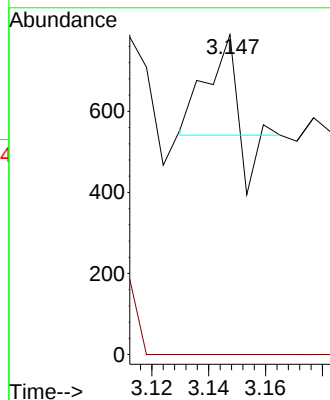
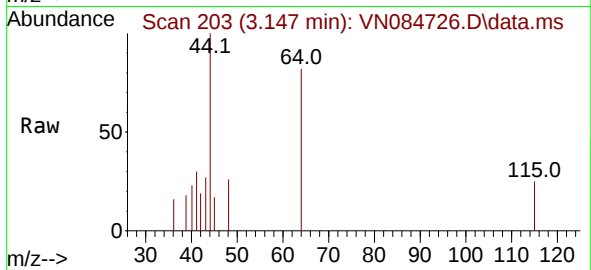




#6
Chloroethane
Concen: Below Cal
RT: 3.147 min Scan# 20
Delta R.T. 0.029 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

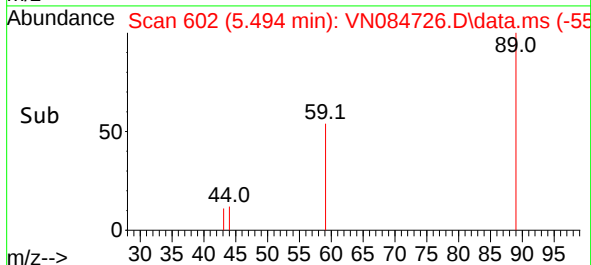
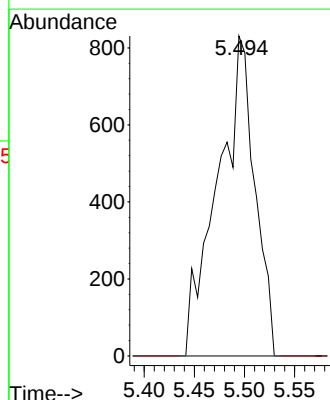
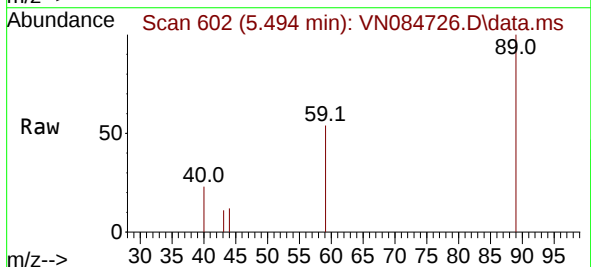
Instrument :
MSVOA_N
ClientSampleId :

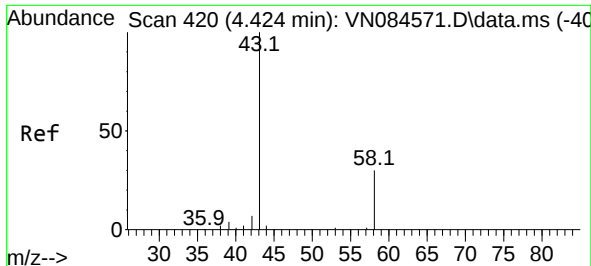
Tgt Ion: 64 Resp: 137
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 5.791 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

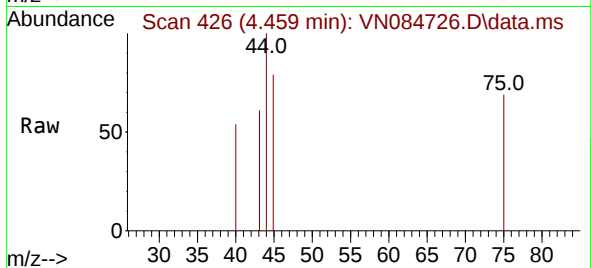
Tgt Ion: 59 Resp: 2129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



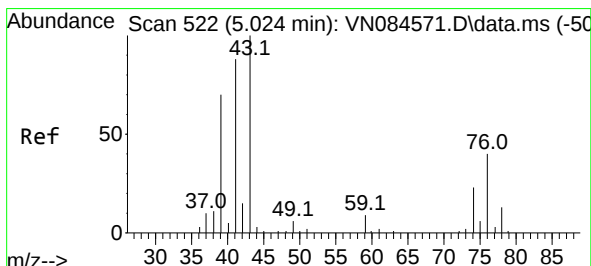
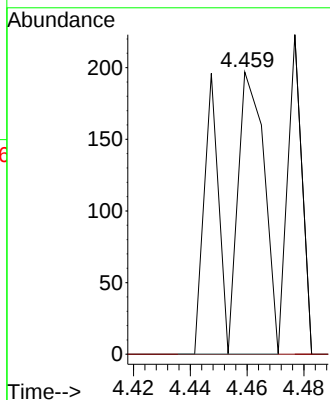
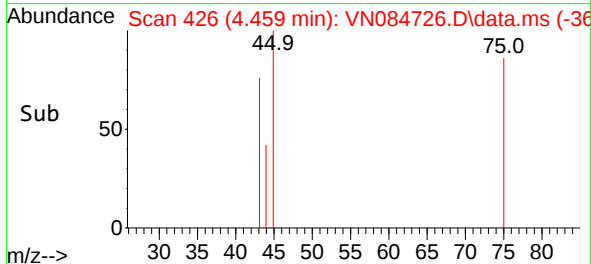


#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

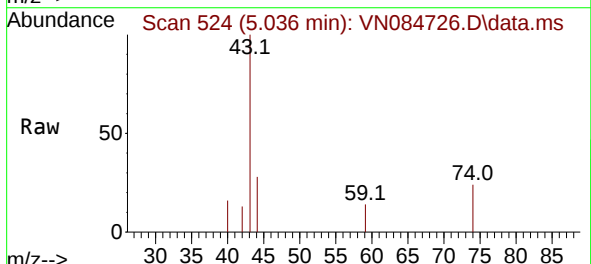
Instrument :
MSVOA_N
ClientSampleId :



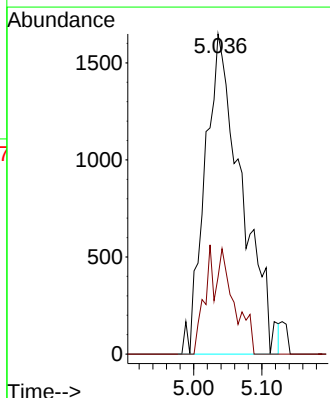
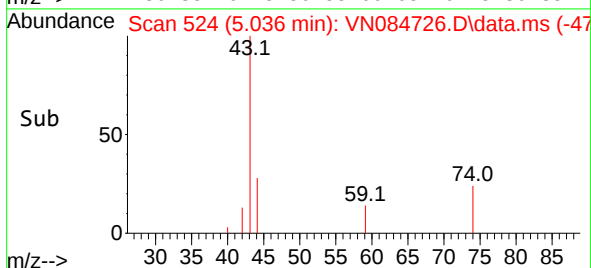
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09



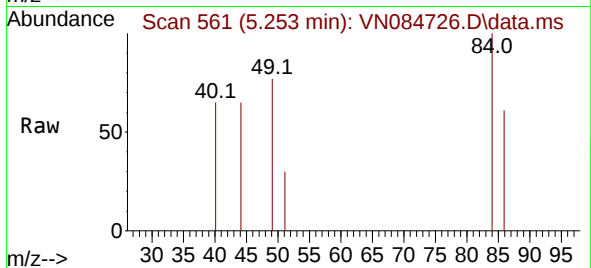
Tgt Ion: 43 Resp: 6165
Ion Ratio Lower Upper
43 100
74 13.1 19.2 28.8#



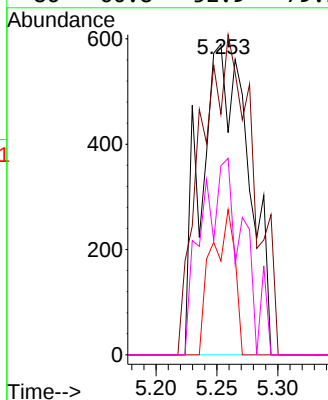
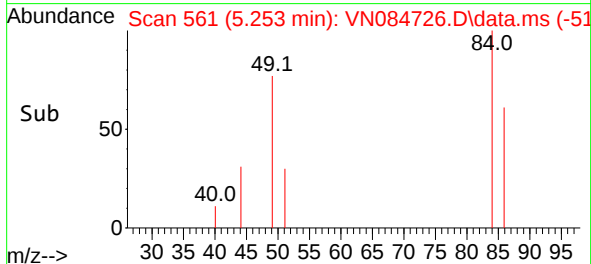


#20
Methylene Chloride
Concen: 0.656 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.024 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

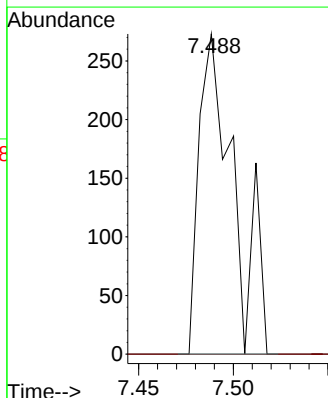
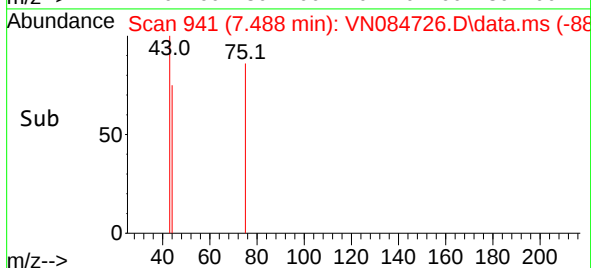
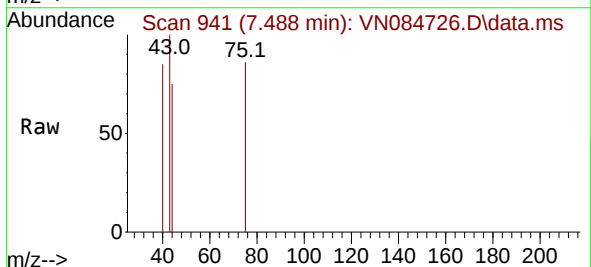


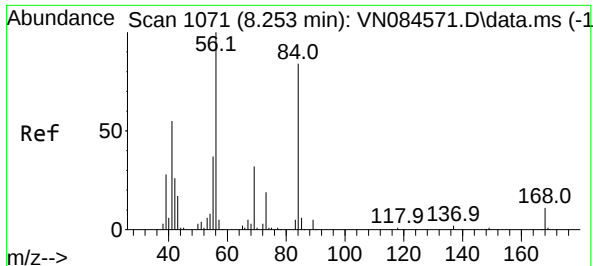
Tgt Ion:	84	Resp:	1608
Ion	Ratio	Lower	Upper
84	100		
49	77.5	107.2	160.8#
51	30.2	31.8	47.8#
86	60.8	52.9	79.3



#25
2-Butanone
Concen: 0.270 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion:	43	Resp:	351
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#





#31

Cyclohexane

Concen: 1.051 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

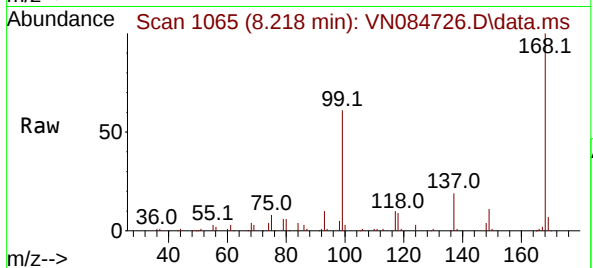
Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

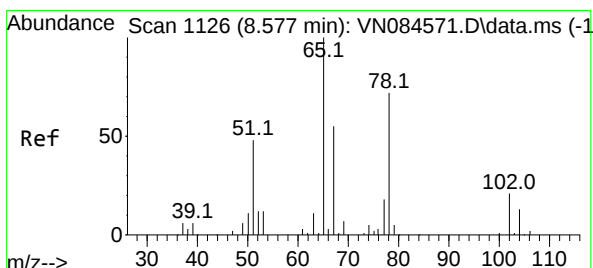
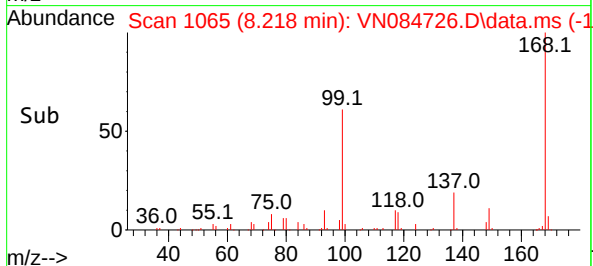
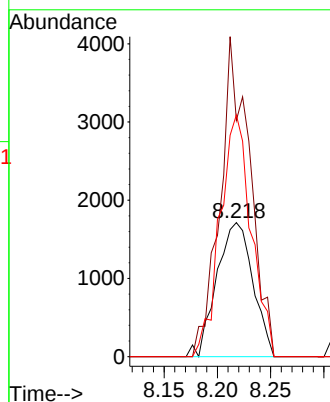
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 4043
Ion Ratio	Lower Upper
56	100
69	176.3 23.8 35.6#
84	180.3 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 47.652 ug/l

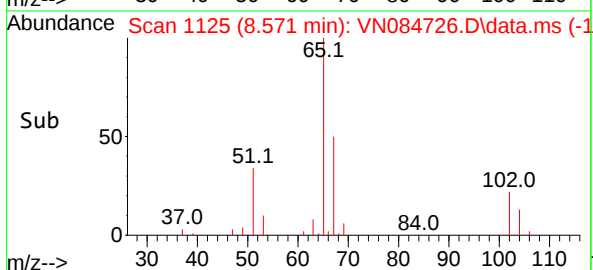
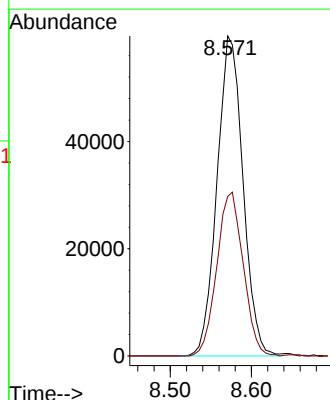
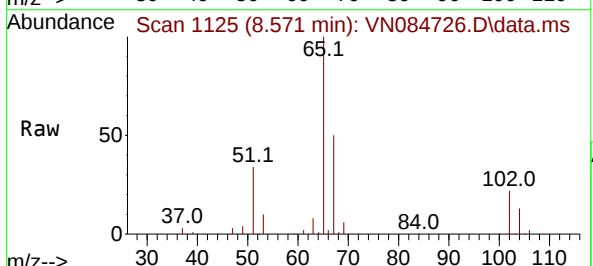
RT: 8.571 min Scan# 1125

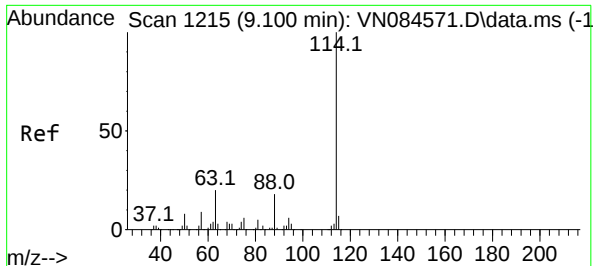
Delta R.T. -0.006 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

Tgt Ion: 65	Resp: 132718
Ion Ratio	Lower Upper
65	100
67	52.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

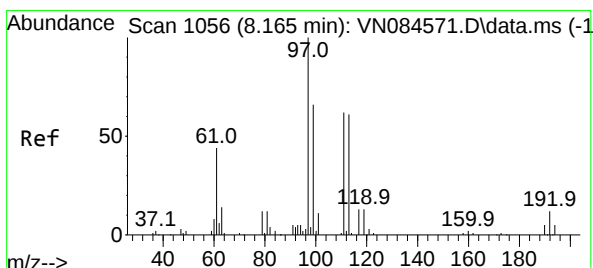
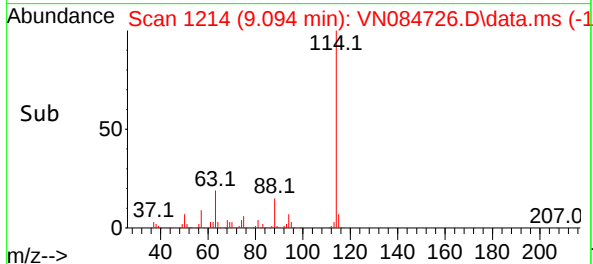
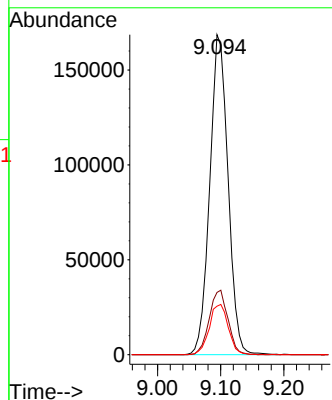
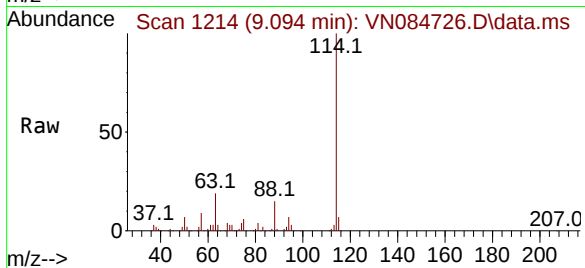
Tgt Ion:114 Resp: 338721

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.8

88 15.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.888 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

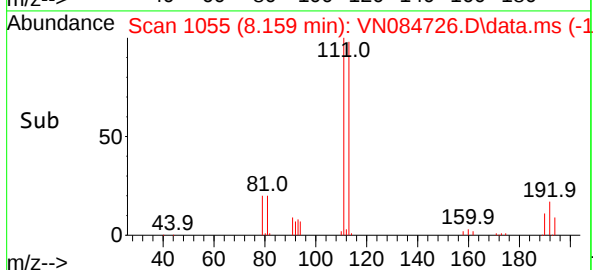
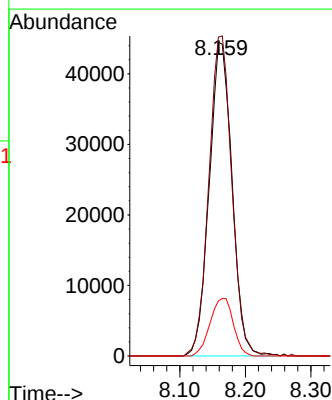
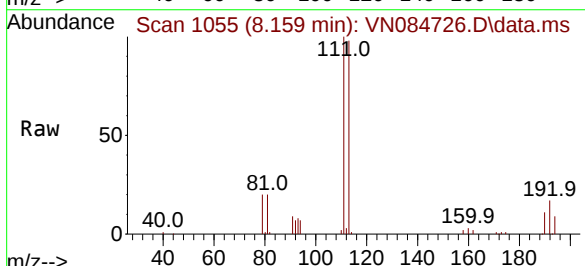
Tgt Ion:113 Resp: 107502

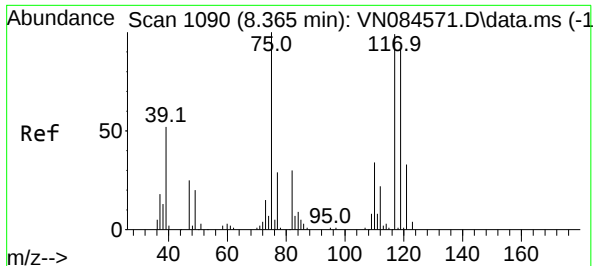
Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 18.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.977 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :

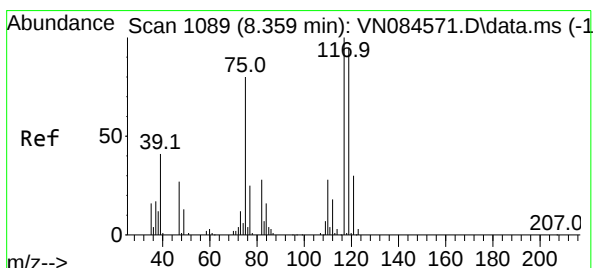
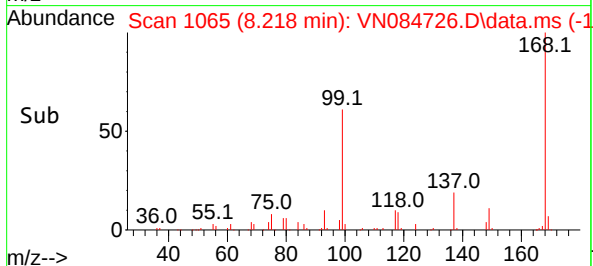
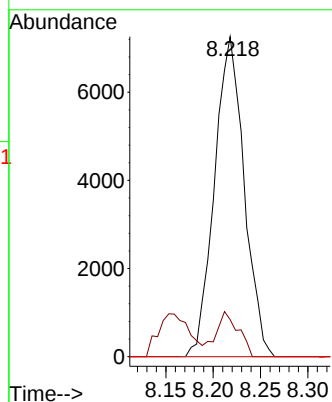
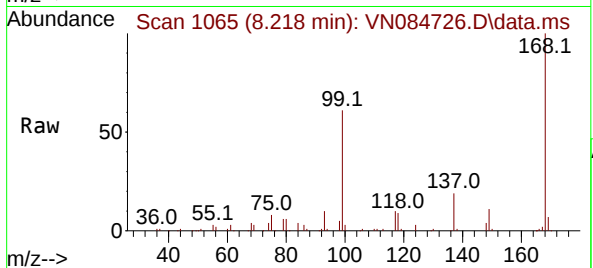
Tgt Ion: 75 Resp: 15825

Ion Ratio Lower Upper

75 100

110 10.6 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.765 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

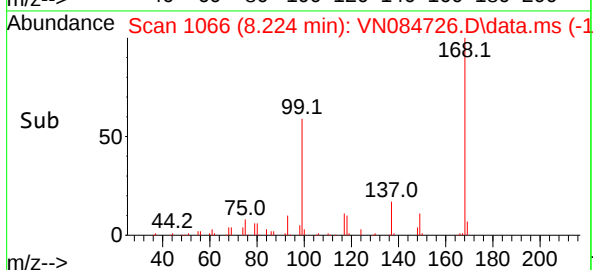
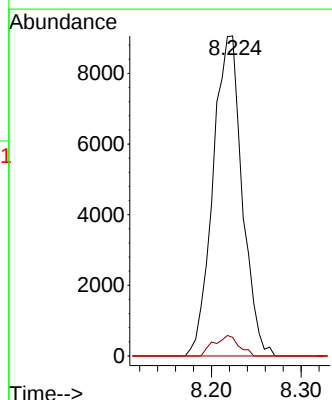
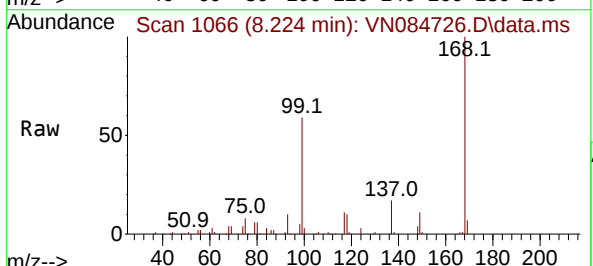
Tgt Ion: 117 Resp: 20488

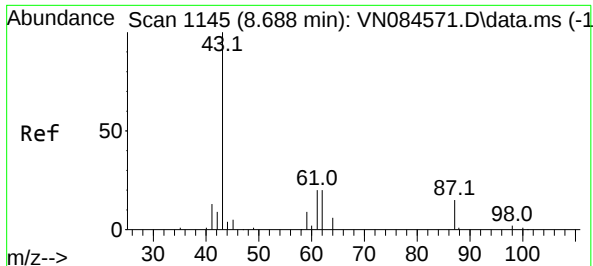
Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

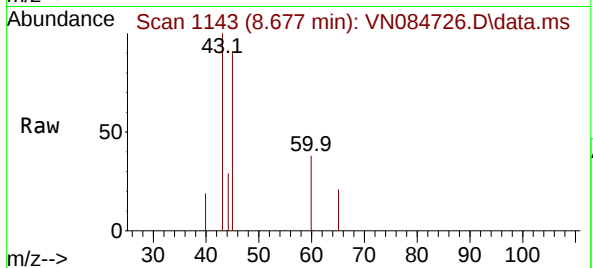
121 0.0 24.4 36.6#



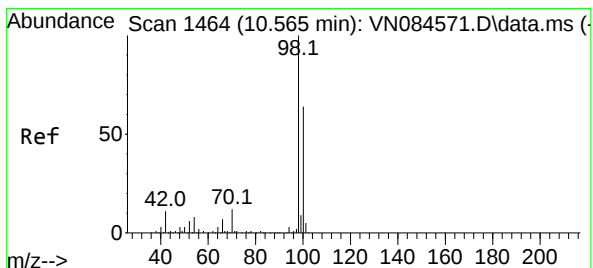
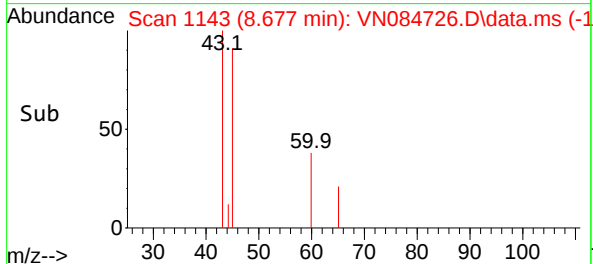
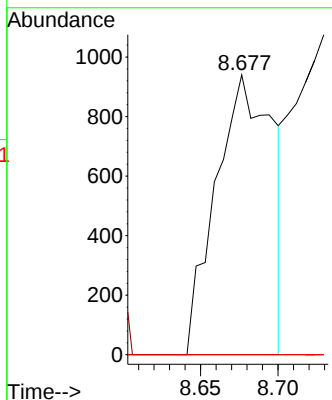


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :

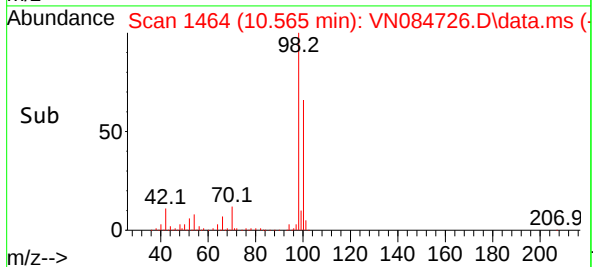
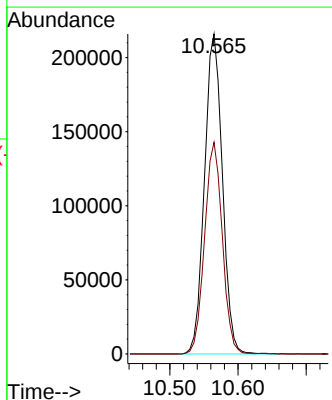
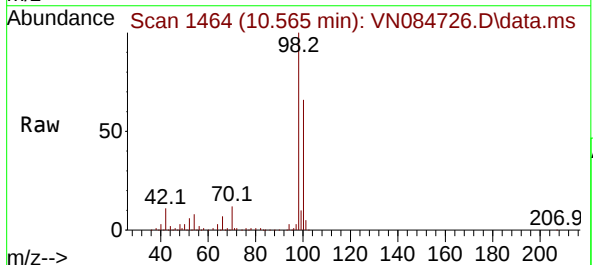


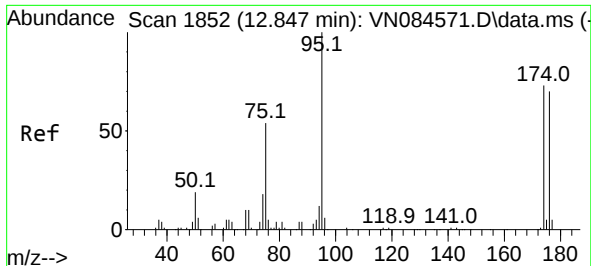
Tgt Ion: 43 Resp: 2386
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 46.699 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion: 98 Resp: 394405
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

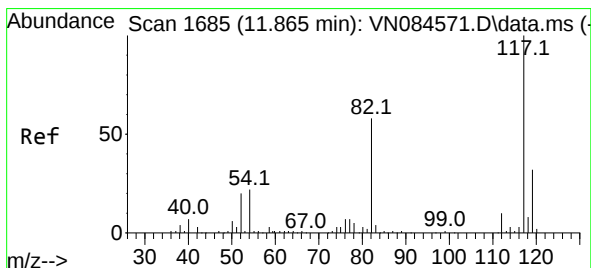
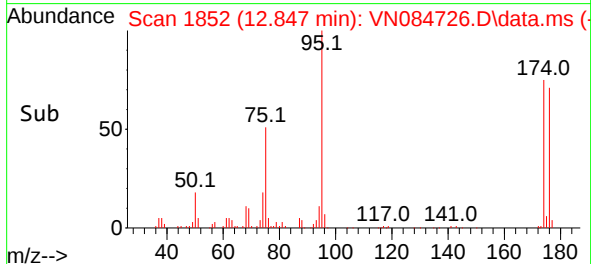
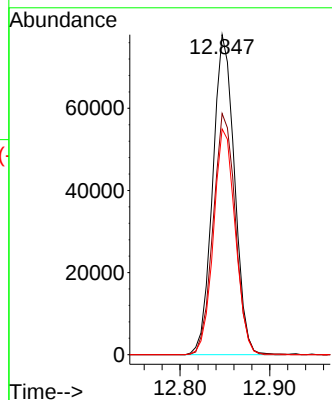
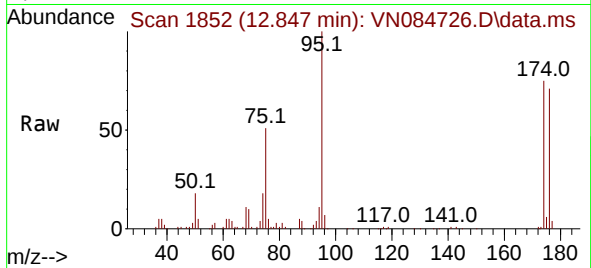




#62
4-Bromofluorobenzene
Concen: 41.555 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

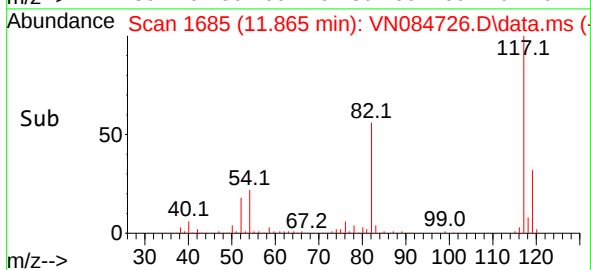
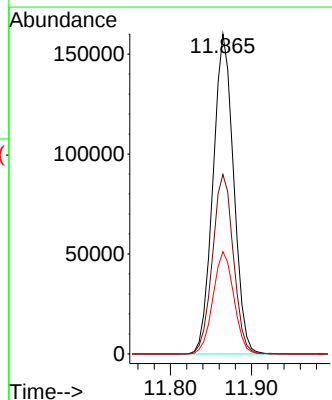
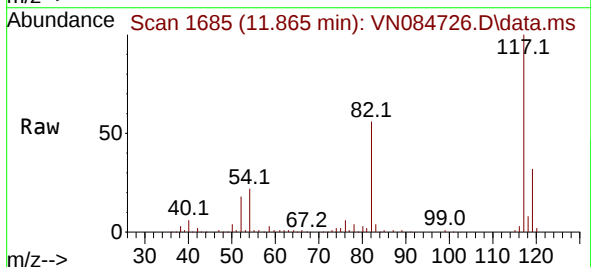
Instrument :
MSVOA_N
ClientSampleId :

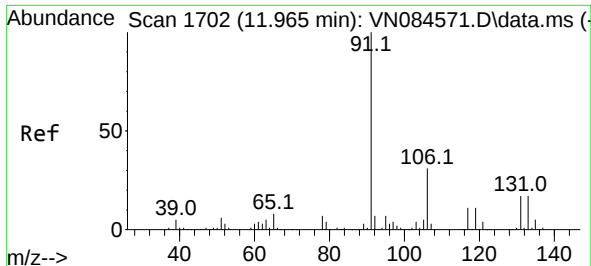
Tgt Ion: 95 Resp: 131166
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.2
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion: 117 Resp: 282154
Ion Ratio Lower Upper
117 100
82 56.1 47.2 70.8
119 32.0 25.4 38.0

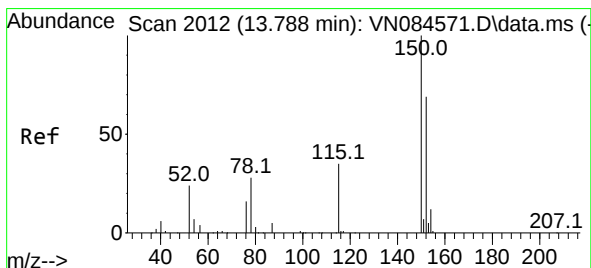
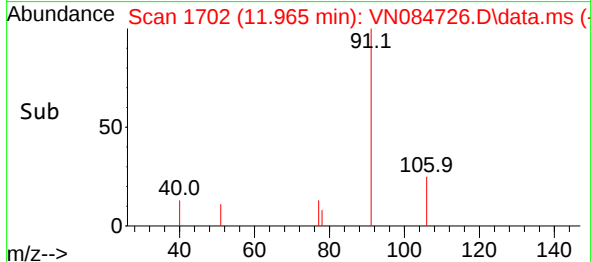
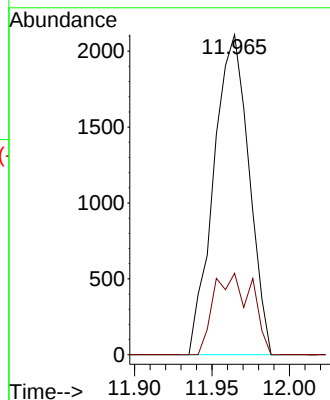
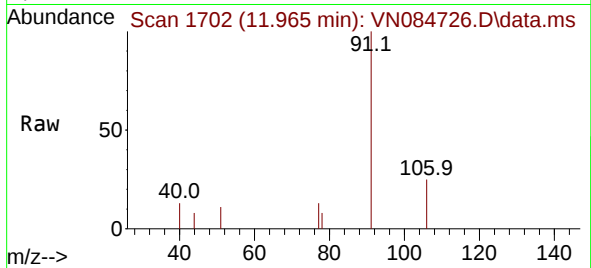




#67
Ethyl Benzene
Concen: 0.317 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

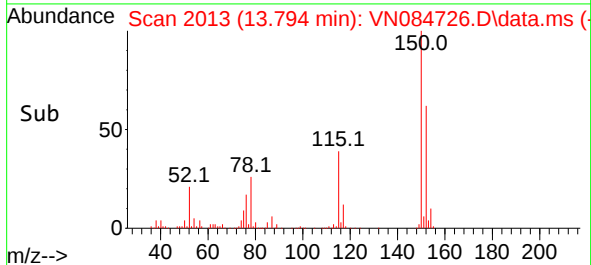
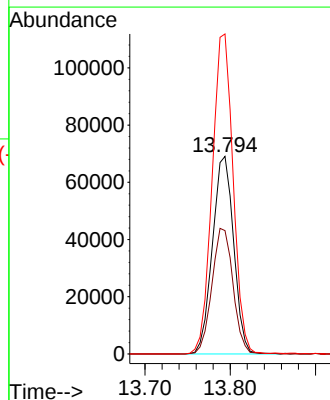
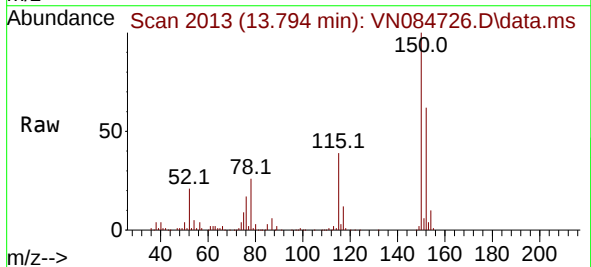
Instrument :
MSVOA_N
ClientSampleId :

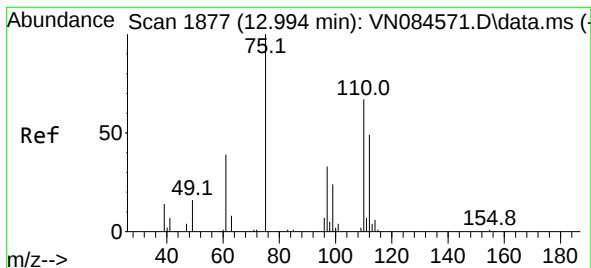
Tgt Ion: 91 Resp: 3337
Ion Ratio Lower Upper
91 100
106 25.5 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion:152 Resp: 119437
Ion Ratio Lower Upper
152 100
115 63.2 31.3 93.9
150 159.7 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 27.752 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

Instrument :

MSVOA_N

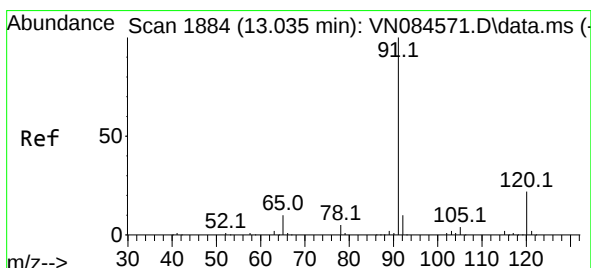
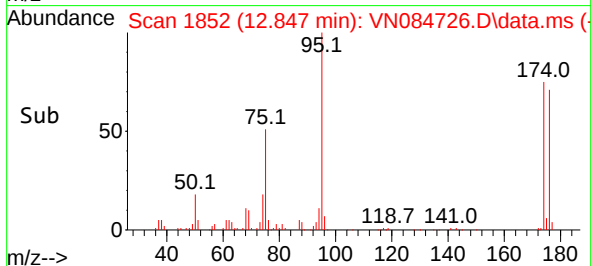
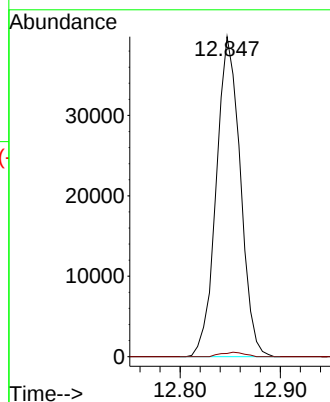
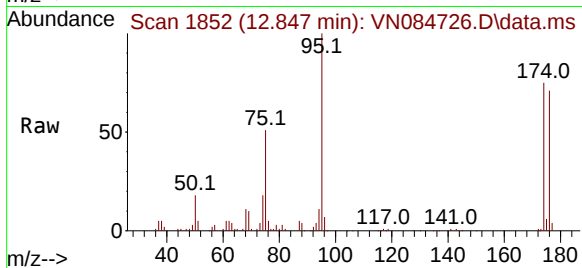
ClientSampleId :

Tgt Ion: 75 Resp: 66257

Ion Ratio Lower Upper

75 100

77 1.4 96.9 290.7#



#78

n-propylbenzene

Concen: 0.462 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084726.D

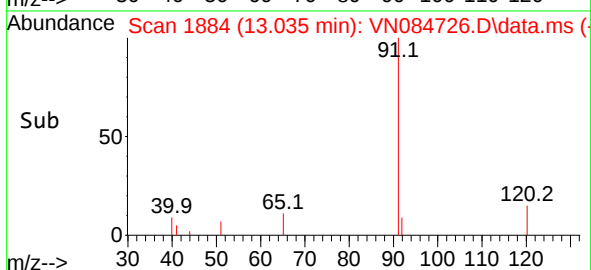
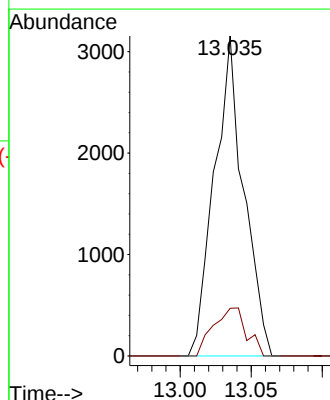
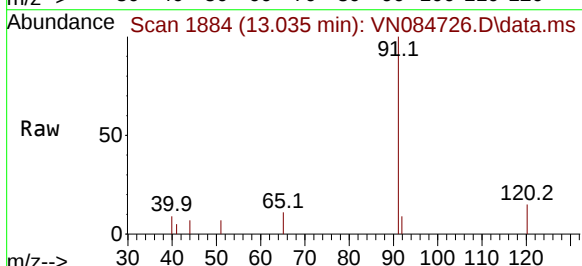
Acq: 07 Nov 2024 17:09

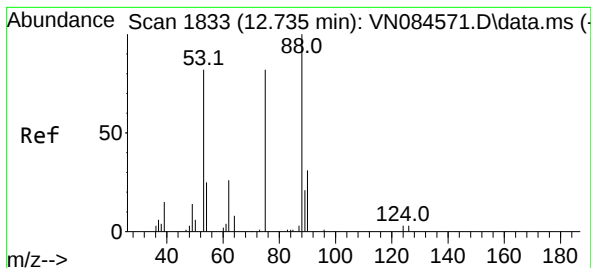
Tgt Ion: 91 Resp: 4531

Ion Ratio Lower Upper

91 100

120 16.9 10.8 32.4

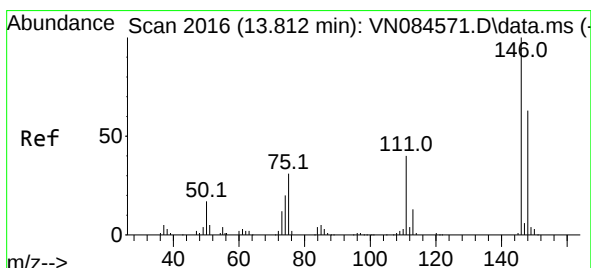
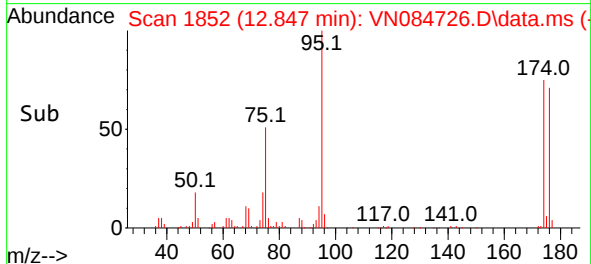
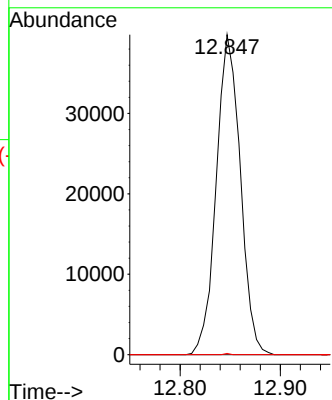
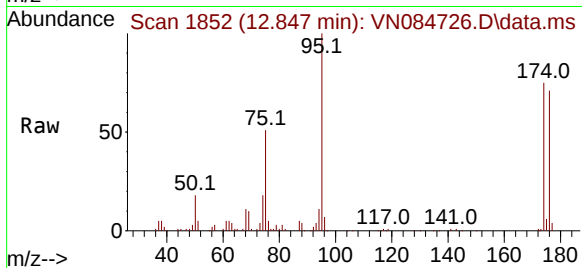




#81
trans-1,4-Dichloro-2-butene
Concen: 65.838 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

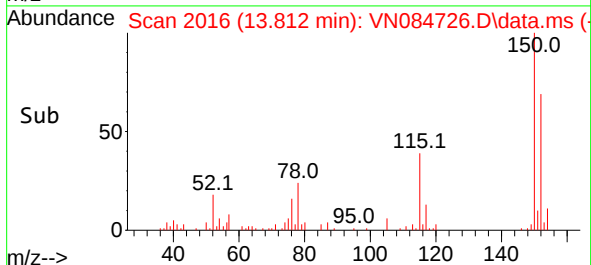
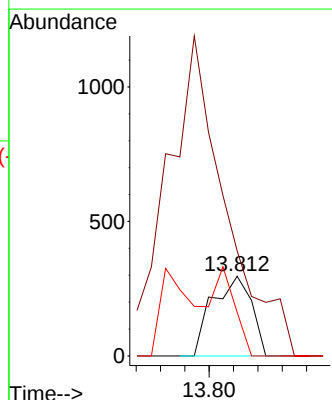
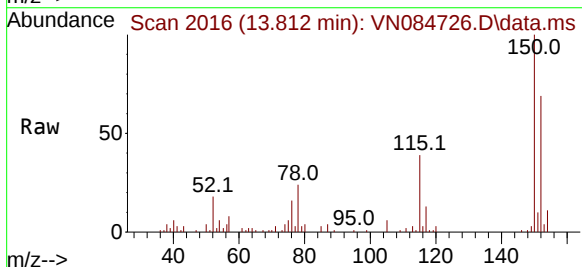
Instrument :
MSVOA_N
ClientSampleId :

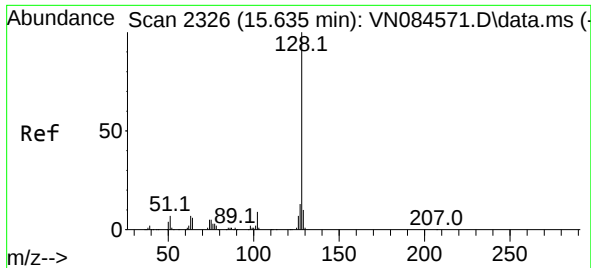
Tgt Ion: 75 Resp: 66257
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084726.D
Acq: 07 Nov 2024 17:09

Tgt Ion:146 Resp: 329
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#





#95

Naphthalene

Concen: 0.445 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

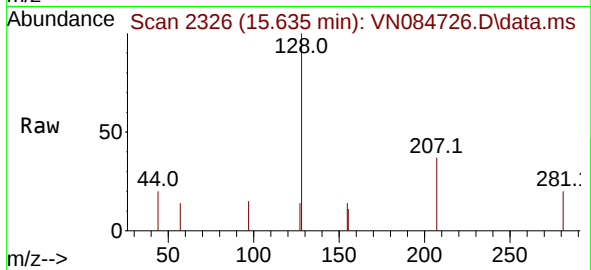
Lab File: VN084726.D

Acq: 07 Nov 2024 17:09

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	3079
Ion	Ratio	Lower	Upper
128	100		
127	10.8	10.5	15.7
129	5.7	8.7	13.1#

