

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084796.D
 Acq On : 12 Nov 2024 15:13
 Operator : JC\MD
 Sample : P4722-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 23:37:01 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)

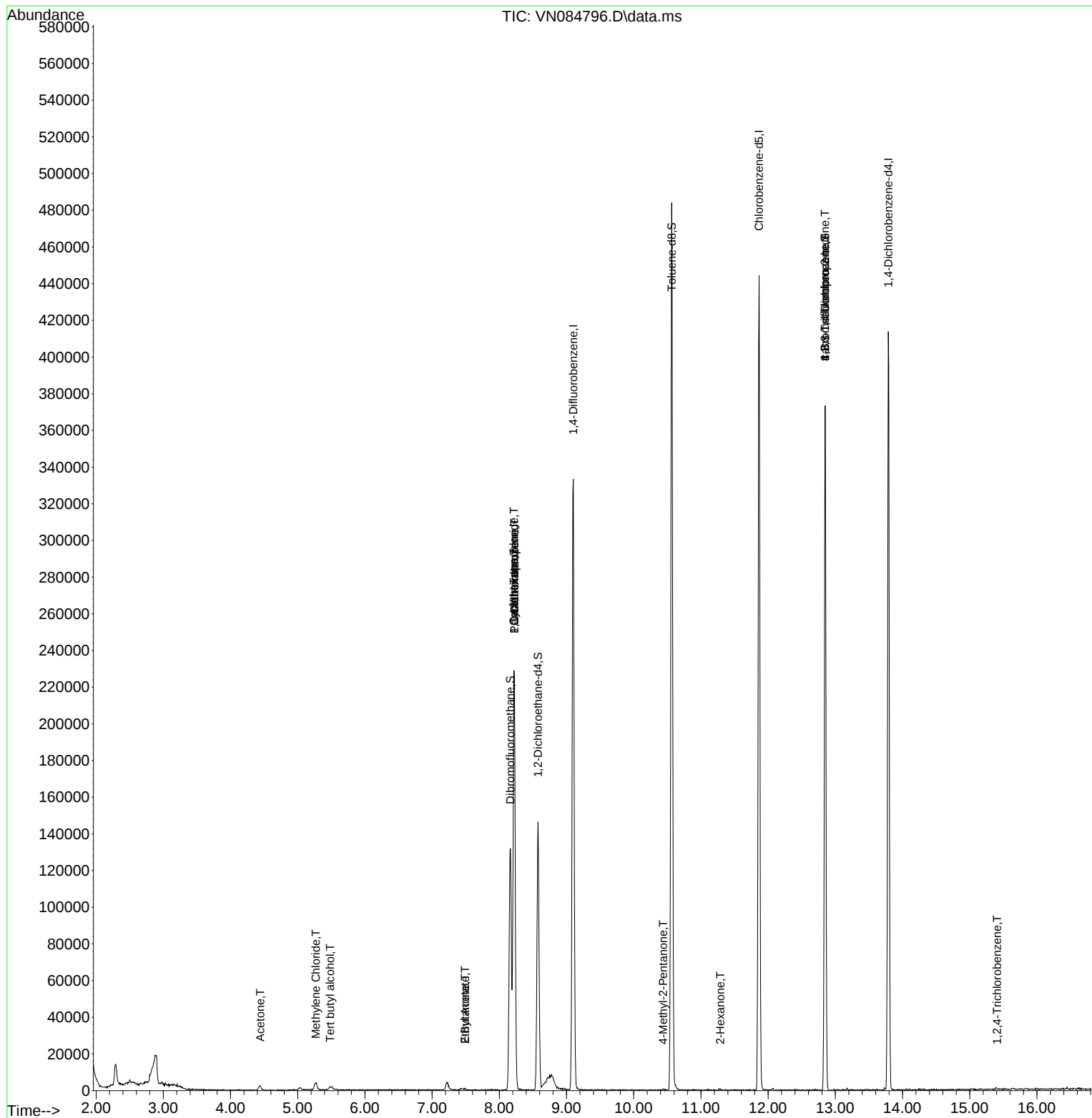
Internal Standards						
1) Pentafluorobenzene	8.224	168	165746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115353	48.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.380%
35) Dibromofluoromethane	8.165	113	96590	49.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	10.565	98	338522	46.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.847	95	128774	47.481	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	342	Below Cal	#	41
6) Chloroethane	3.101	64	144	Below Cal	#	45
11) Tert butyl alcohol	5.483	59	1151	3.642	ug/l #	73
16) Acetone	4.442	43	4252	3.334	ug/l	100
18) Methyl Acetate	5.024	43	2493	Below Cal	#	76
20) Methylene Chloride	5.271	84	3056	1.451	ug/l #	82
25) 2-Butanone	7.489	43	936	0.838	ug/l #	70
31) Cyclohexane	8.218	56	3440	1.041	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14238	5.211	ug/l #	51
37) Ethyl Acetate	7.489	43	936	0.378	ug/l #	69
38) Carbon Tetrachloride	8.218	117	17727	5.805	ug/l #	16
43) Isopropyl Acetate	8.683	43	3688	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.435	43	671	0.284	ug/l #	36
59) 2-Hexanone	11.288	43	554	0.322	ug/l #	24
76) 1,2,3-Trichloropropane	12.847	75	65980	28.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65980	68.683	ug/l #	11
88) 1,4-Dichlorobenzene	13.735	146	488	Below Cal		66
93) 1,2,4-Trichlorobenzene	15.406	180	447	0.203	ug/l #	68

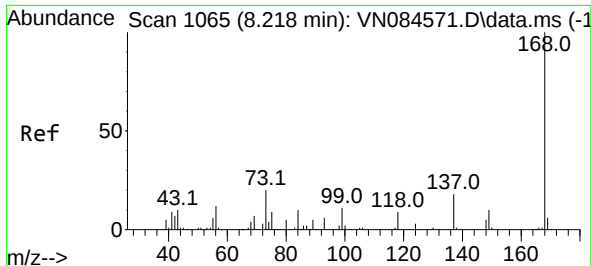
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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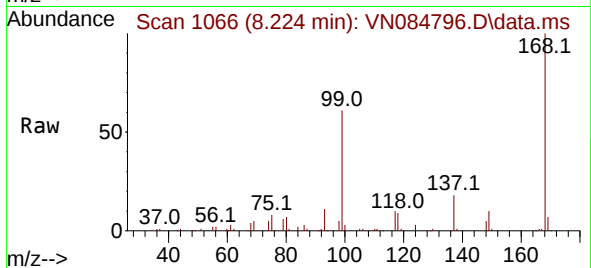
Quant Time: Nov 12 23:37:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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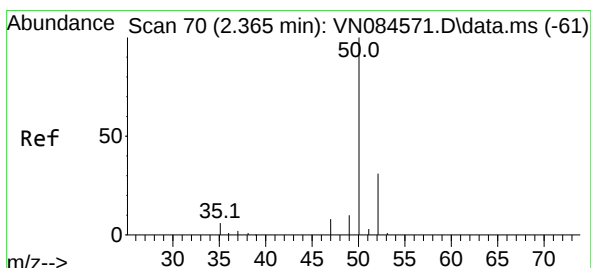
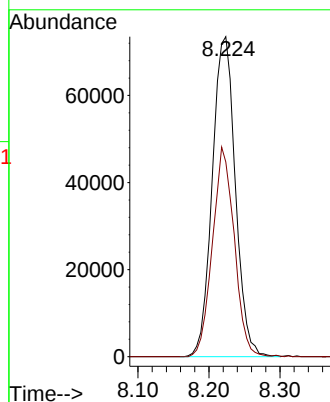
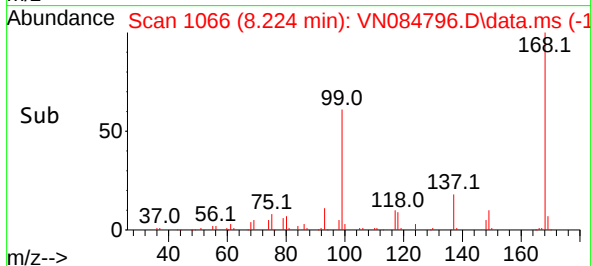


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :

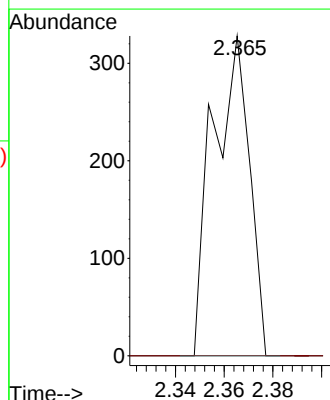
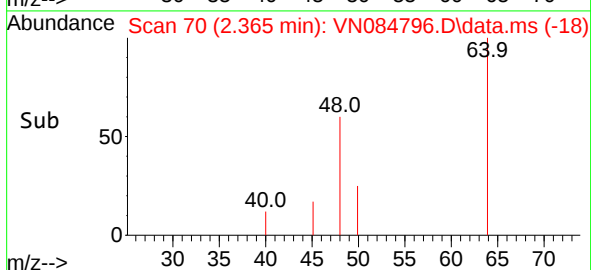
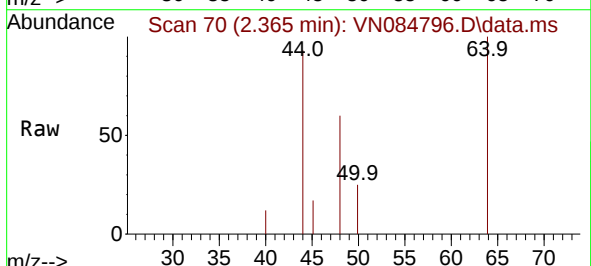


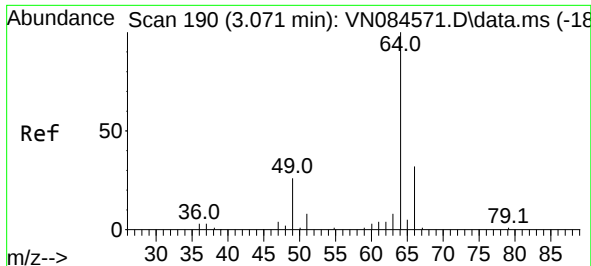
Tgt Ion:168 Resp: 165746
Ion Ratio Lower Upper
168 100
99 60.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

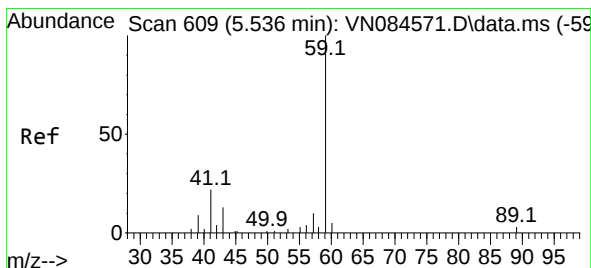
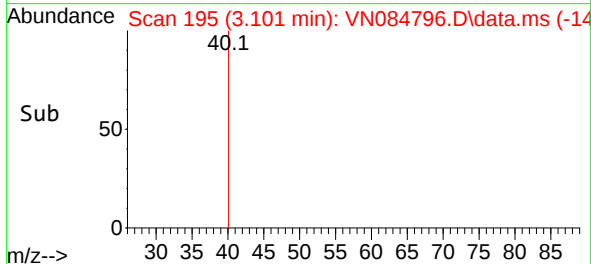
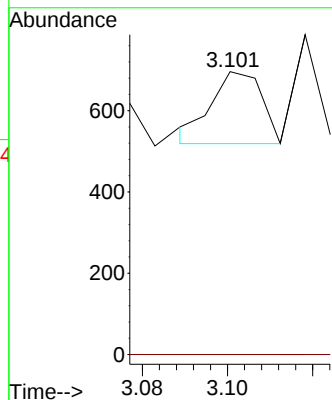
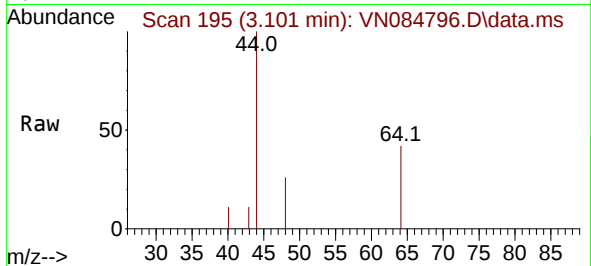




#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 190
Delta R.T. -0.017 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

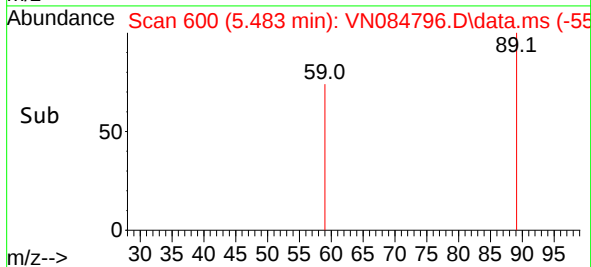
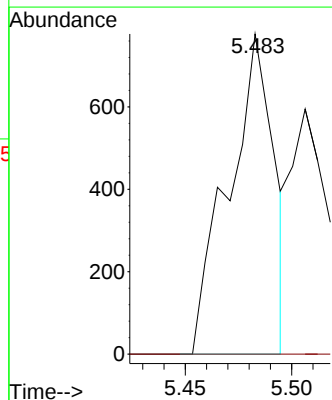
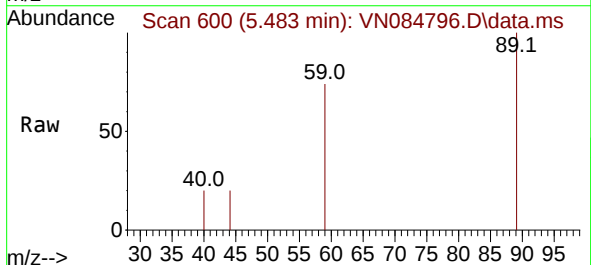
Instrument :
MSVOA_N
ClientSampleId :

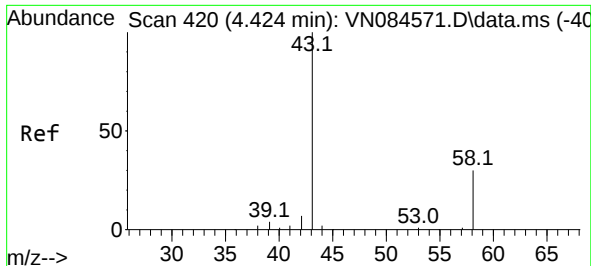
Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 3.642 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.041 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Tgt Ion: 59 Resp: 1151
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

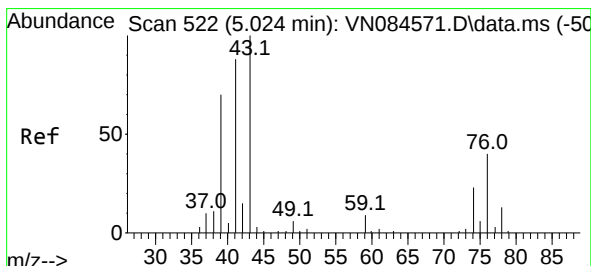
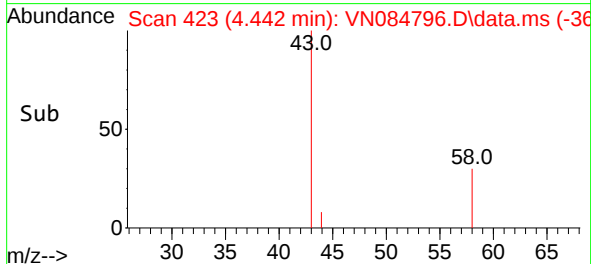
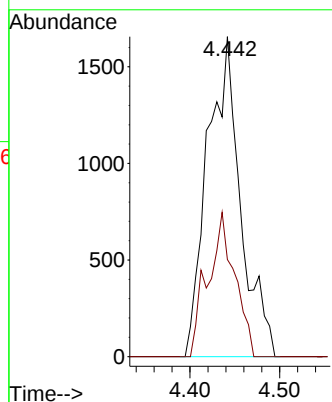
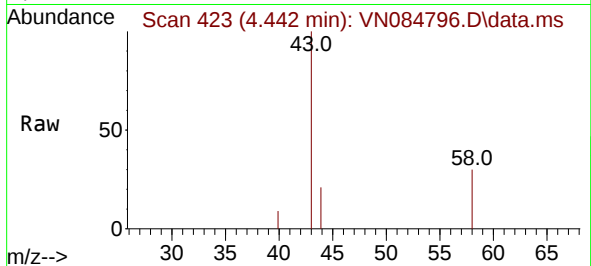




#16
Acetone
Concen: 3.334 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

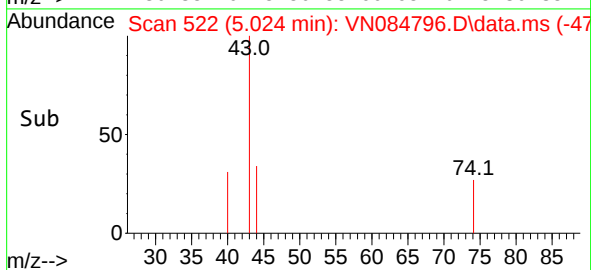
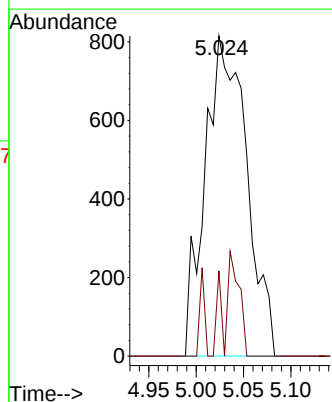
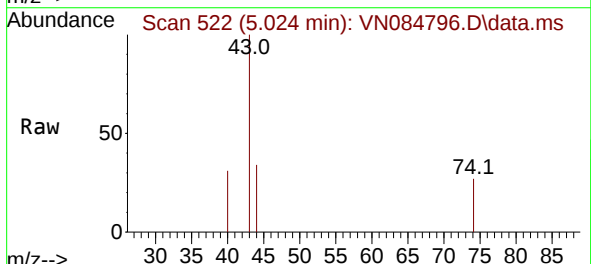
Instrument :
MSVOA_N
ClientSampleId :

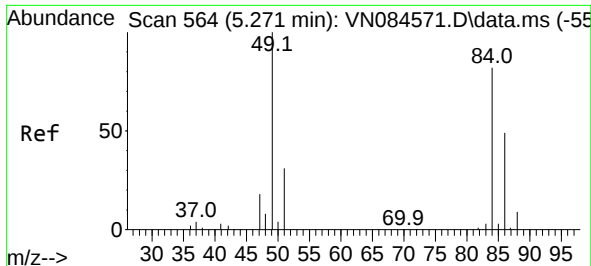
Tgt Ion: 43 Resp: 4252
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

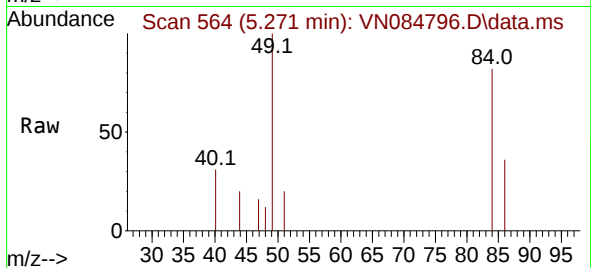
Tgt Ion: 43 Resp: 2493
Ion Ratio Lower Upper
43 100
74 12.0 19.2 28.8#



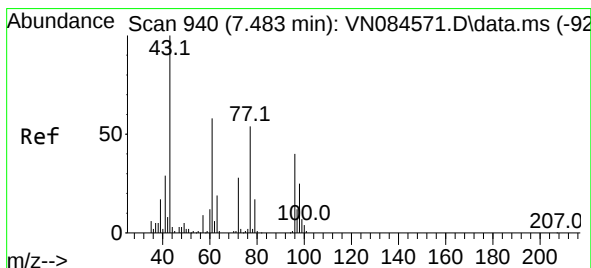
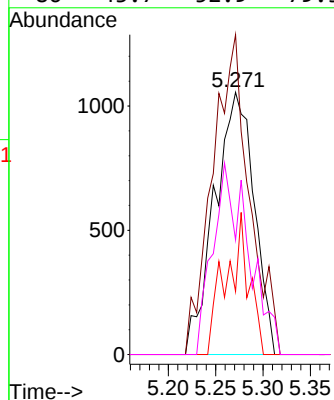


#20
Methylene Chloride
Concen: 1.451 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :

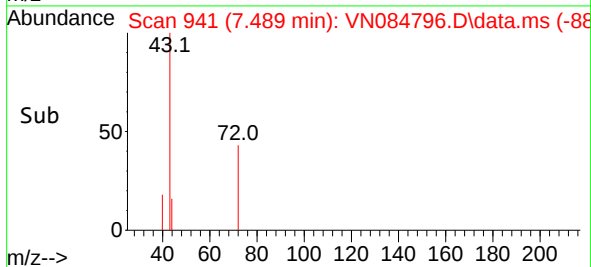
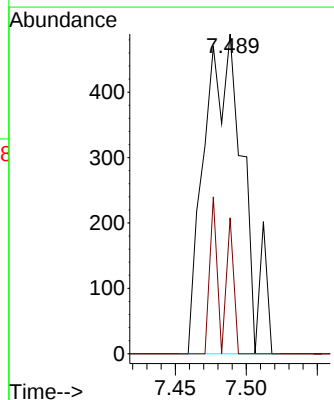
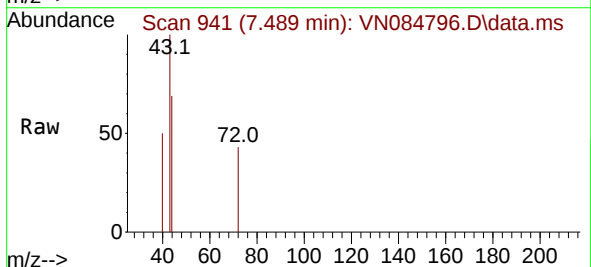


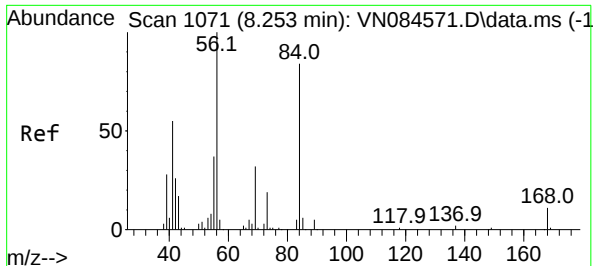
Tgt Ion:	84	Resp:	3056
Ion	Ratio	Lower	Upper
84	100		
49	122.0	107.2	160.8
51	24.1	31.8	47.8#
86	43.7	52.9	79.3#



#25
2-Butanone
Concen: 0.838 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

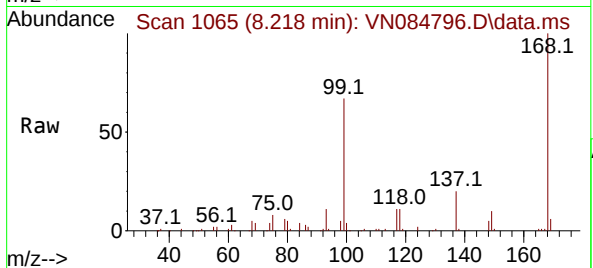
Tgt Ion:	43	Resp:	936
Ion	Ratio	Lower	Upper
43	100		
72	42.5	21.4	32.2#



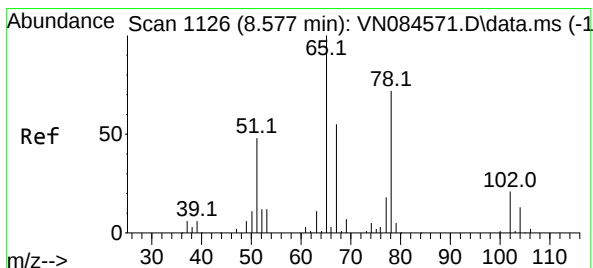
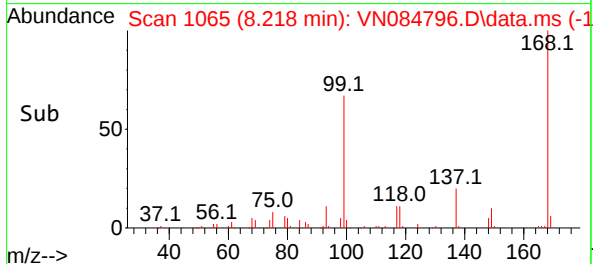
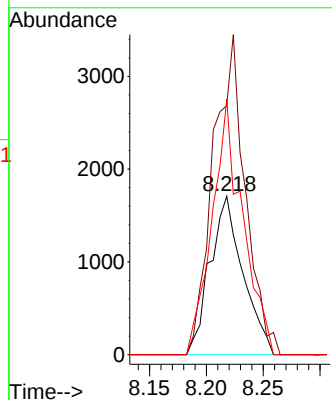


#31
Cyclohexane
Concen: 1.041 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :

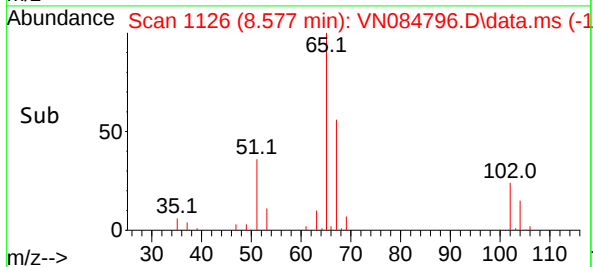
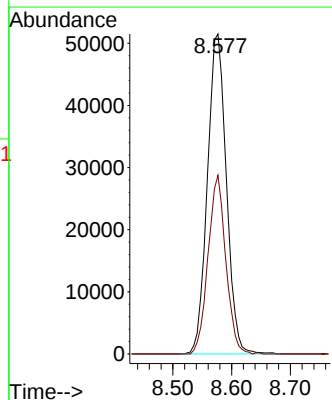
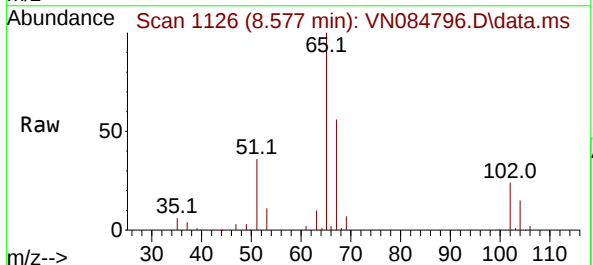


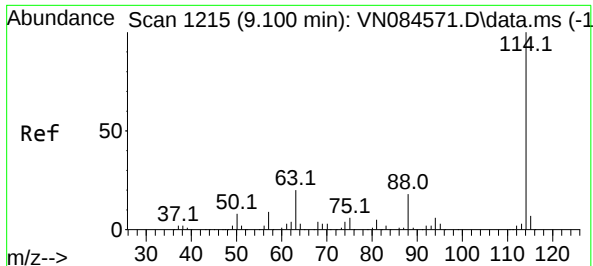
Tgt Ion: 56 Resp: 3440
Ion Ratio Lower Upper
56 100
69 157.4 23.8 35.6#
84 161.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.186 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Tgt Ion: 65 Resp: 115353
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084796.D

Acq: 12 Nov 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

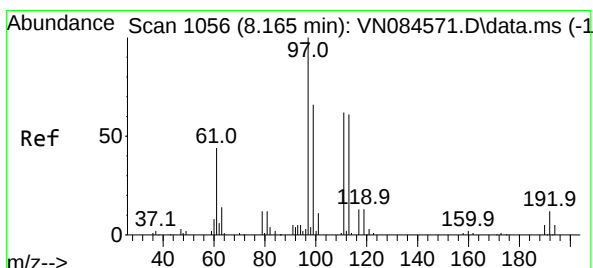
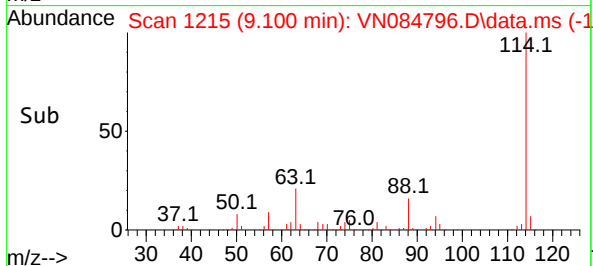
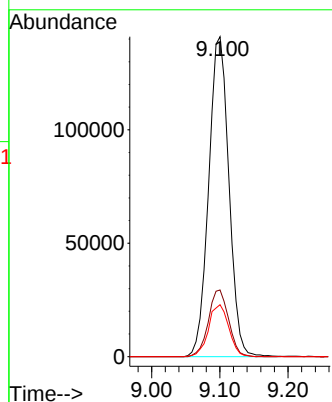
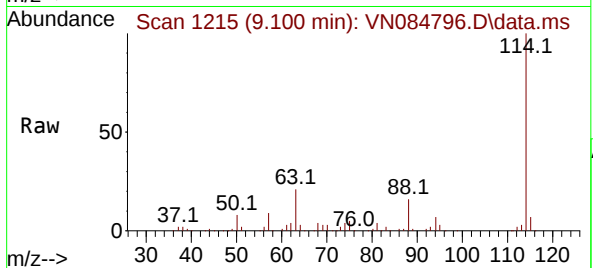
Tgt Ion:114 Resp: 291044

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.030 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084796.D

Acq: 12 Nov 2024 15:13

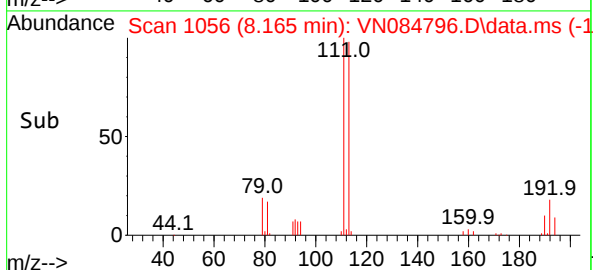
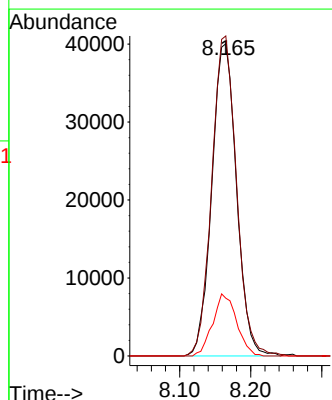
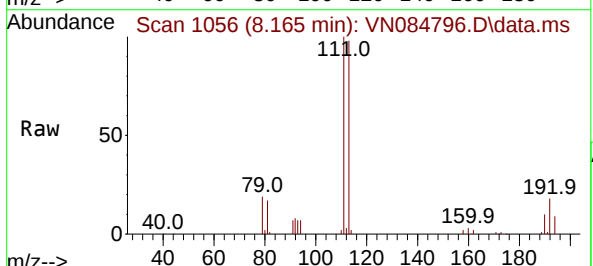
Tgt Ion:113 Resp: 96590

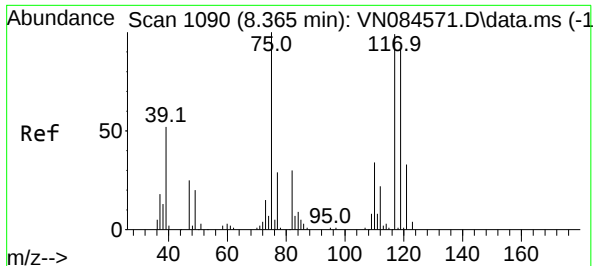
Ion Ratio Lower Upper

113 100

111 102.5 83.3 124.9

192 19.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.211 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

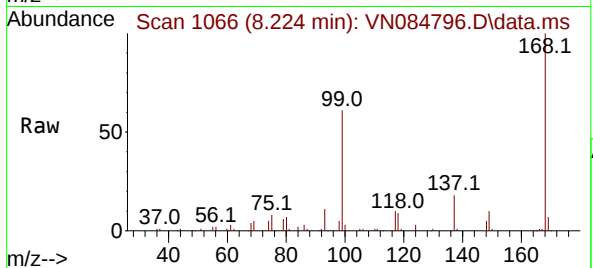
Lab File: VN084796.D

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Instrument :

MSVOA_N

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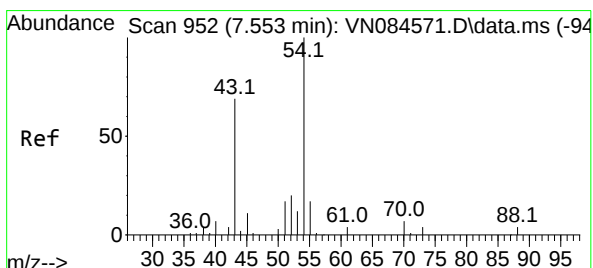
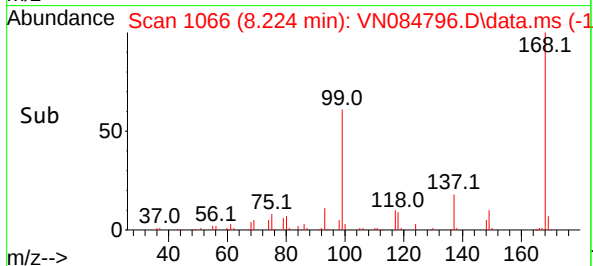
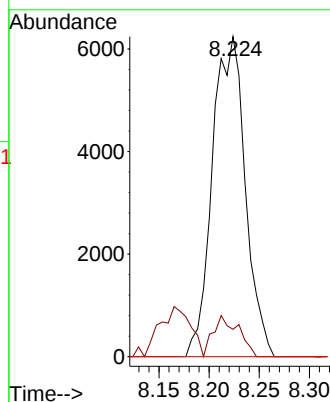
Tgt Ion: 75 Resp: 14238

Ion Ratio Lower Upper

75 100

110 9.9 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.378 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN084796.D

Acq: 12 Nov 2024 15:13

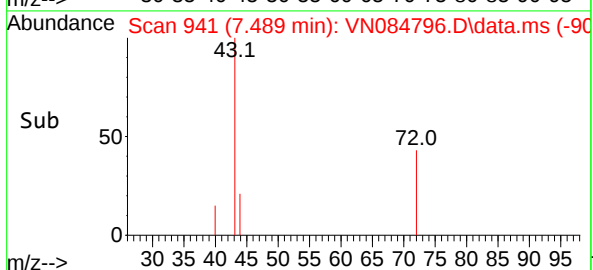
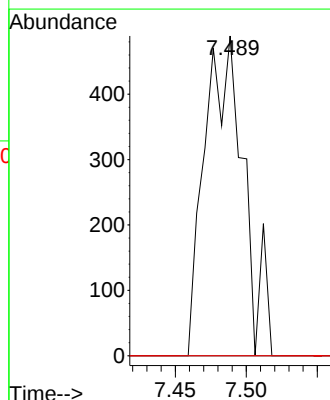
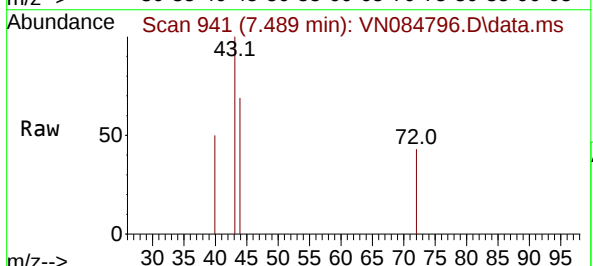
Tgt Ion: 43 Resp: 936

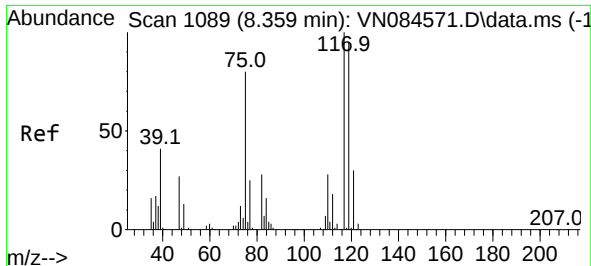
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

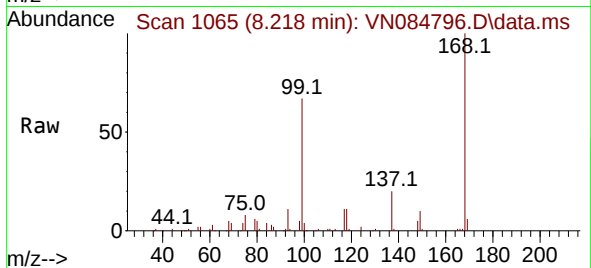
70 0.0 8.8 13.2#



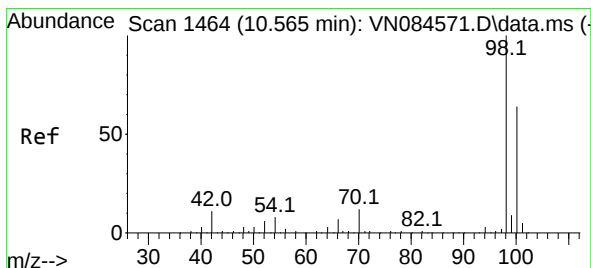
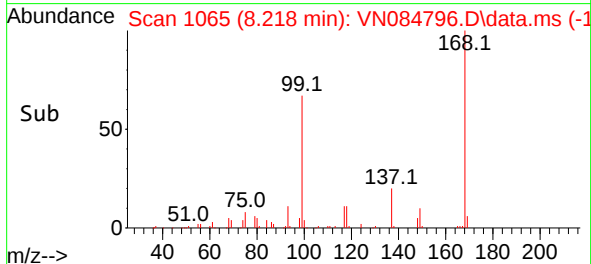
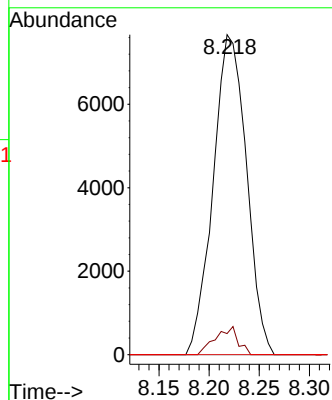


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :

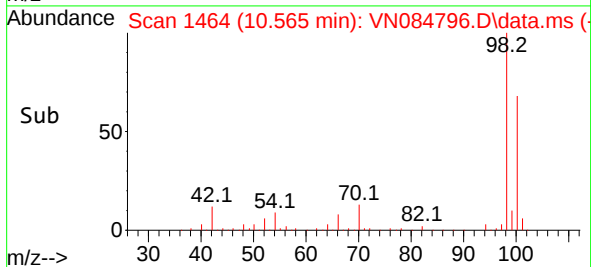
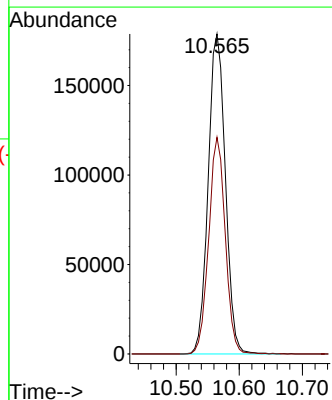
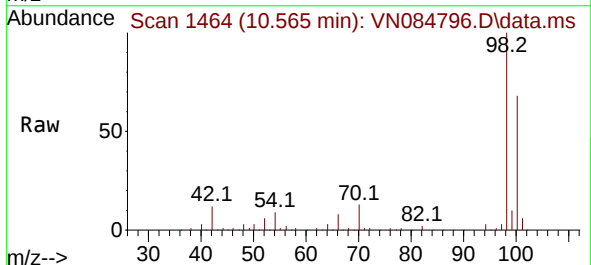


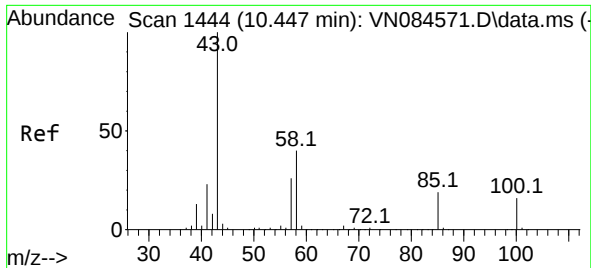
Tgt Ion:117 Resp: 17727
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.648 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

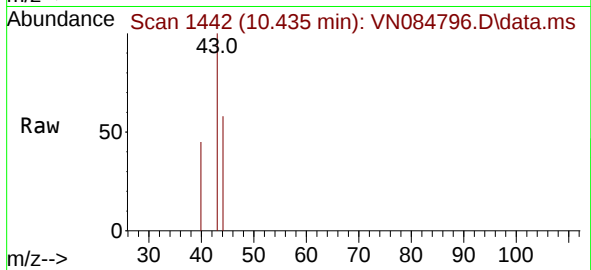
Tgt Ion: 98 Resp: 338522
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



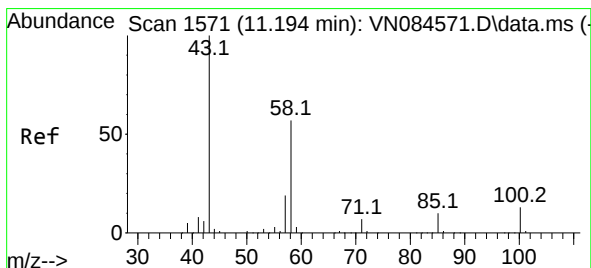
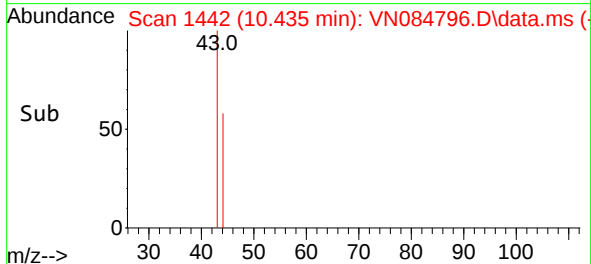
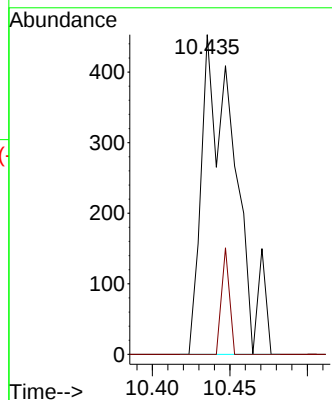


#51
4-Methyl-2-Pentanone
Concen: 0.284 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :

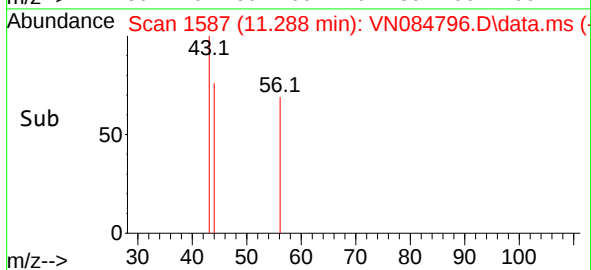
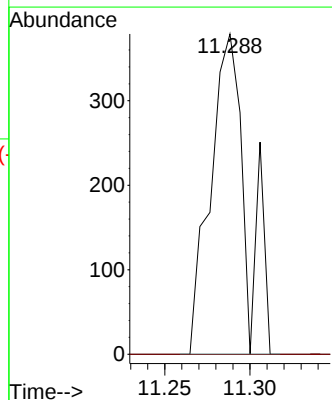
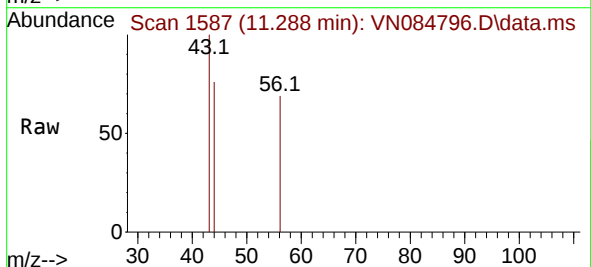


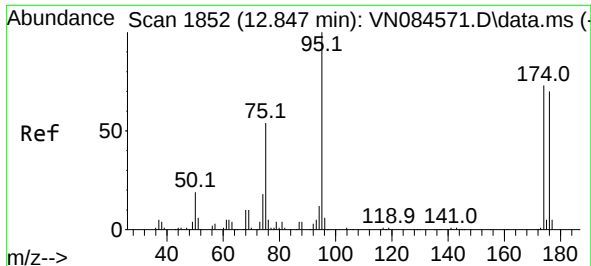
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 0.0 31.6 47.4#



#59
2-Hexanone
Concen: 0.322 ug/l
RT: 11.288 min Scan# 1587
Delta R.T. 0.094 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

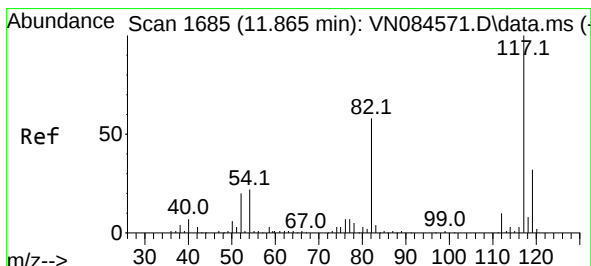
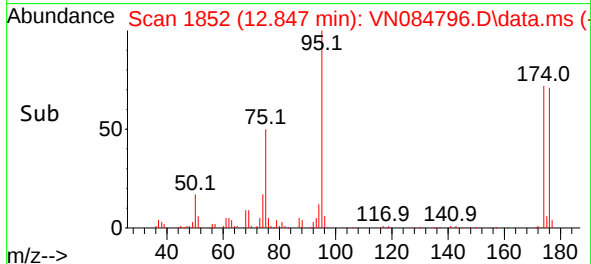
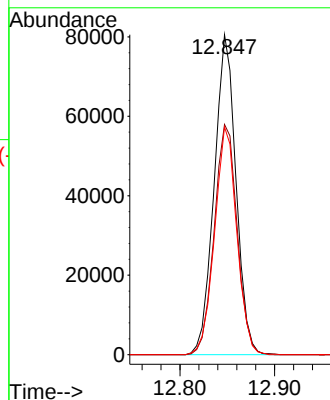
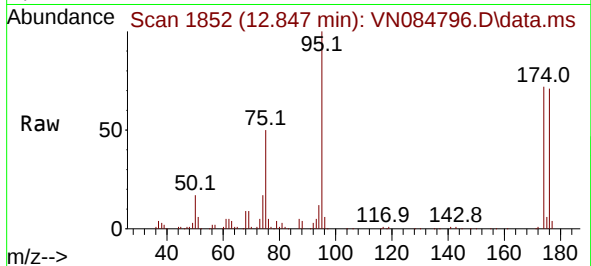




#62
4-Bromofluorobenzene
Concen: 47.481 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

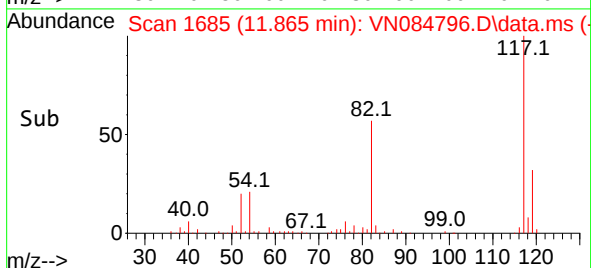
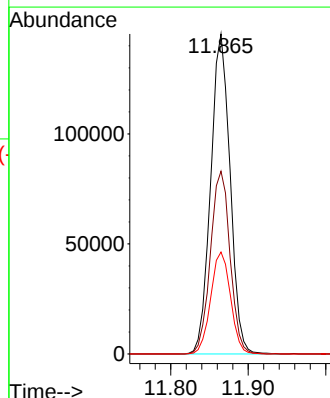
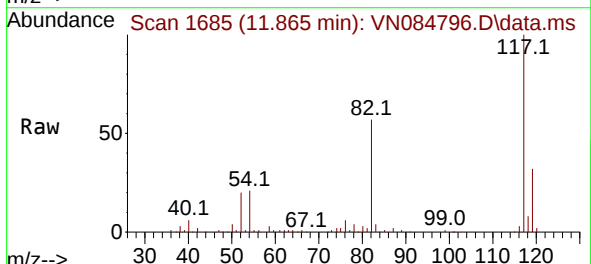
Instrument :
MSVOA_N
ClientSampleId :

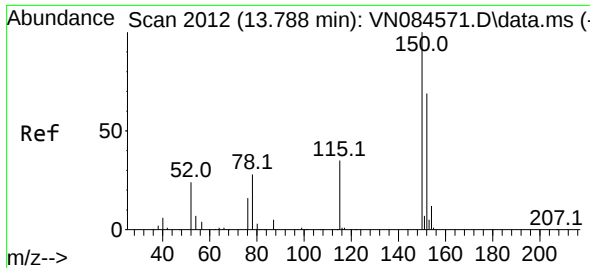
Tgt Ion: 95 Resp: 128774
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.2
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

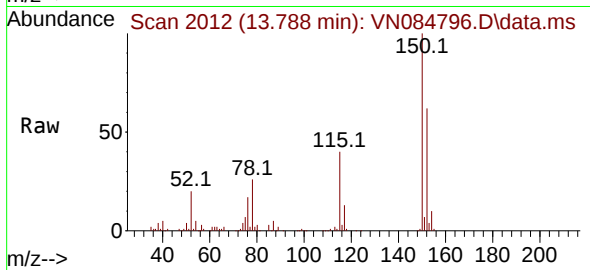
Tgt Ion: 117 Resp: 252578
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 31.8 25.4 38.0



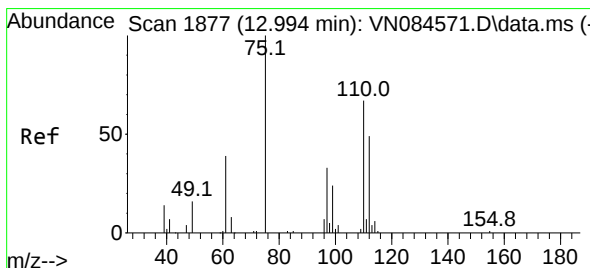
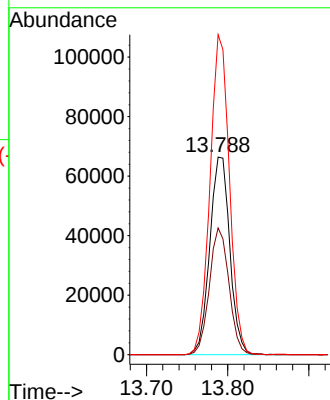
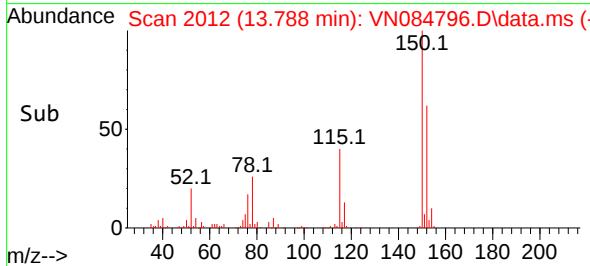


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084796.D
 Acq: 12 Nov 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :

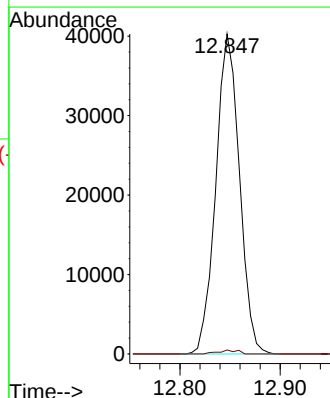
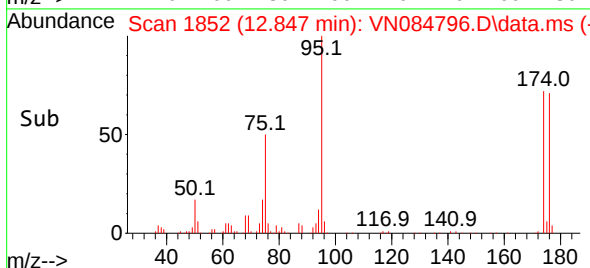
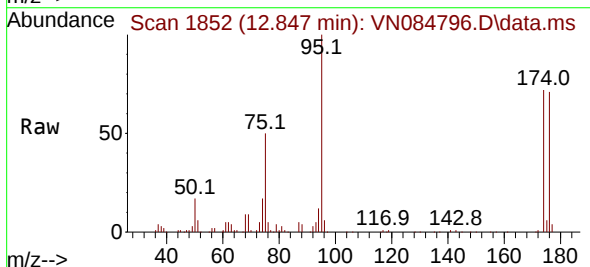


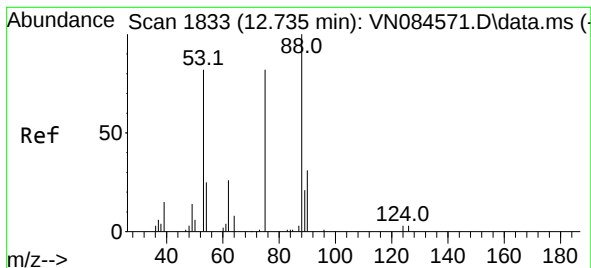
Tgt Ion:152 Resp: 114012
 Ion Ratio Lower Upper
 152 100
 115 62.6 31.3 93.9
 150 156.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 28.951 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084796.D
 Acq: 12 Nov 2024 15:13

Tgt Ion: 75 Resp: 65980
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.9 290.7#

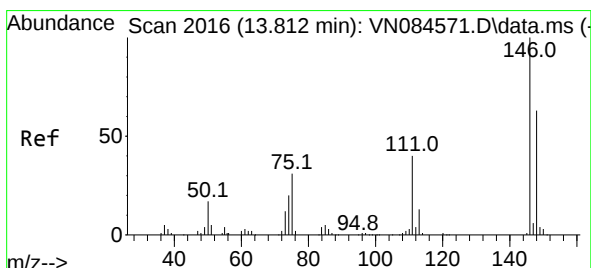
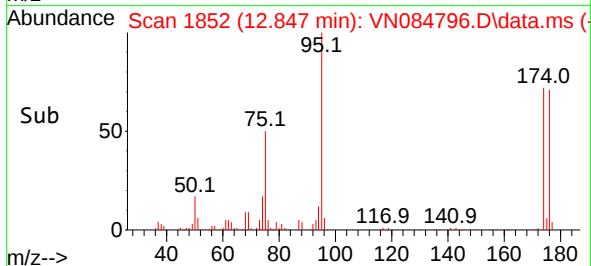
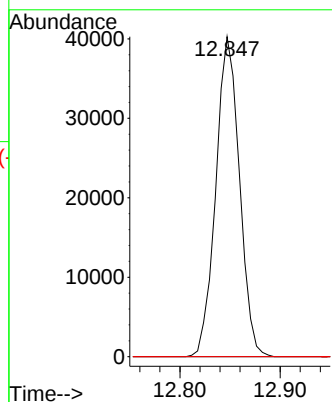
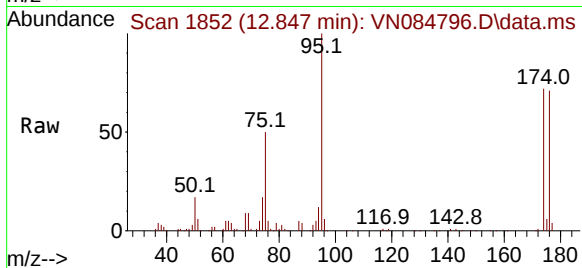




#81
trans-1,4-Dichloro-2-butene
Concen: 68.683 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

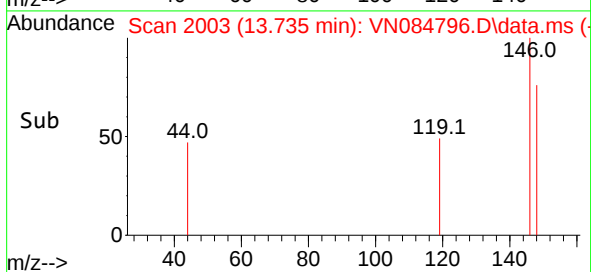
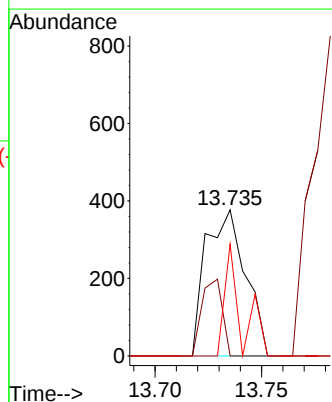
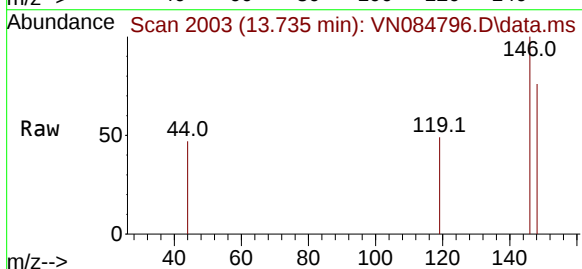
Instrument :
MSVOA_N
ClientSampleId :

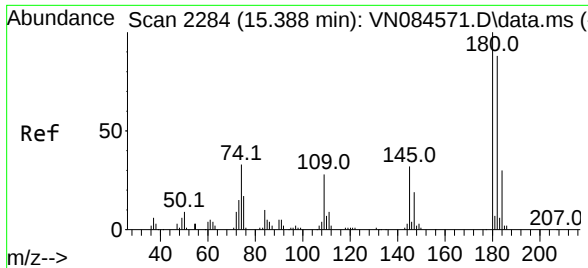
Tgt Ion: 75 Resp: 65980
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.735 min Scan# 2003
Delta R.T. -0.077 min
Lab File: VN084796.D
Acq: 12 Nov 2024 15:13

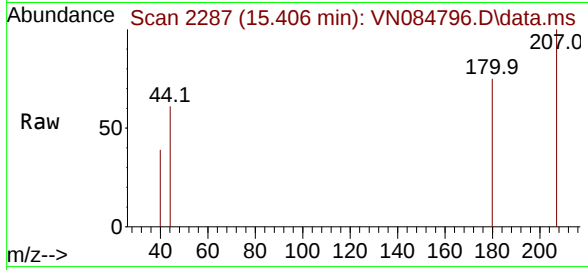
Tgt Ion:146 Resp: 488
Ion Ratio Lower Upper
146 100
111 27.0 21.2 63.6
148 32.4 31.9 95.9





#93
 1,2,4-Trichlorobenzene
 Concen: 0.203 ug/l
 RT: 15.406 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VN084796.D
 Acq: 12 Nov 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180	Resp:	447
Ion	Ratio	Lower Upper
180	100	
182	72.5	47.0 141.0
145	0.0	16.4 49.4#

