

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084804.D
 Acq On : 12 Nov 2024 18:26
 Operator : JC\MD
 Sample : P4807-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Nov 13 02:35:09 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)

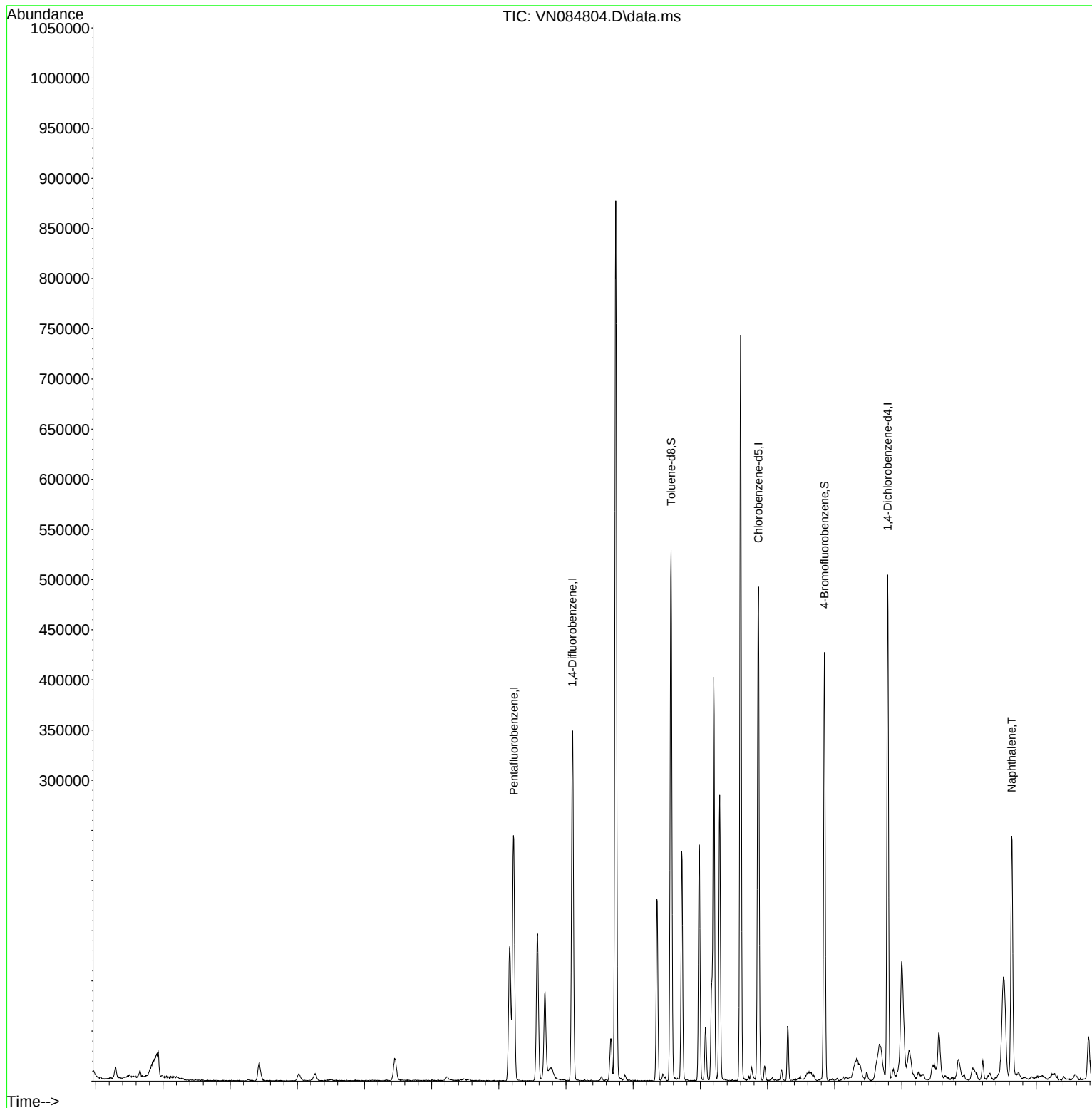
Internal Standards						
1) Pentafluorobenzene	8.224	168	179344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	312429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120809	46.638	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	93.280%	
35) Dibromofluoromethane	8.165	113	100264	47.411	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.820%	
50) Toluene-d8	10.565	98	371188	47.649	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.300%	
62) 4-Bromofluorobenzene	12.847	95	149898	51.486	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	102.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	32980	41.700	ug/l #	85
18) Methyl Acetate	5.018	43	14751	1.527	ug/l	99
20) Methylene Chloride	5.259	84	5585	2.451	ug/l #	76
43) Isopropyl Acetate	8.688	43	104542	20.700	ug/l #	91
95) Naphthalene	15.635	128	231513	29.357	ug/l	99

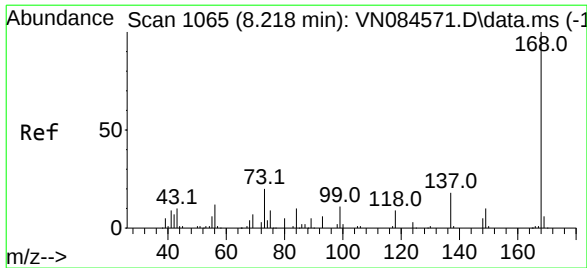
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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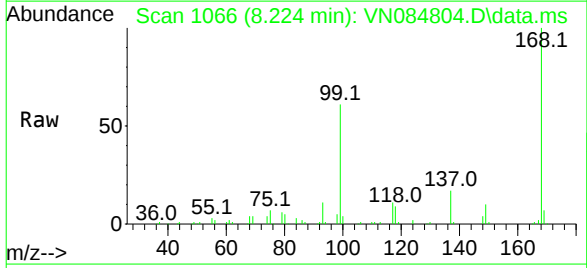
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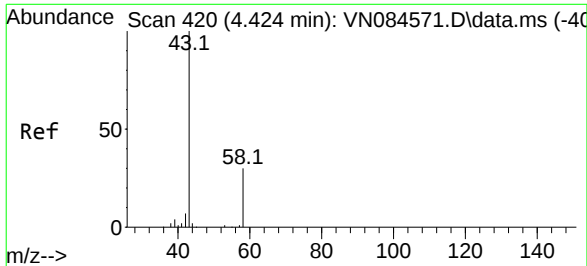
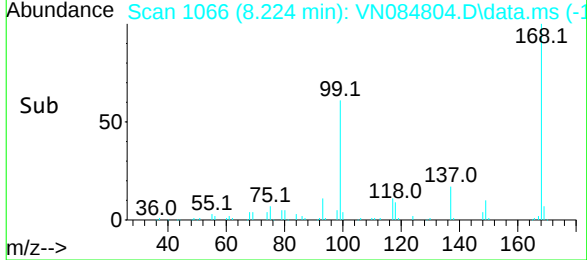
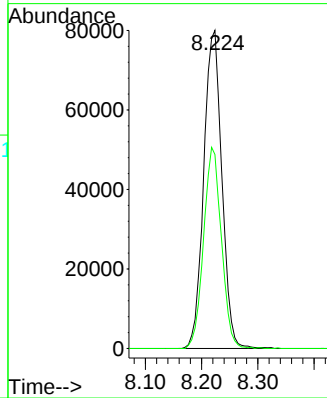


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084804.D
Acq: 12 Nov 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
TP-7

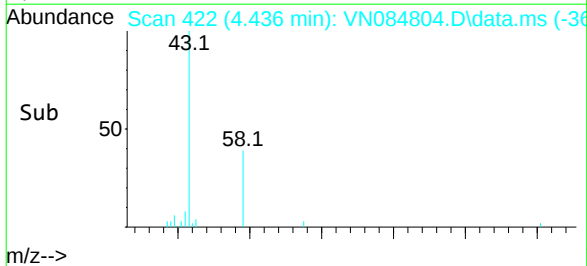
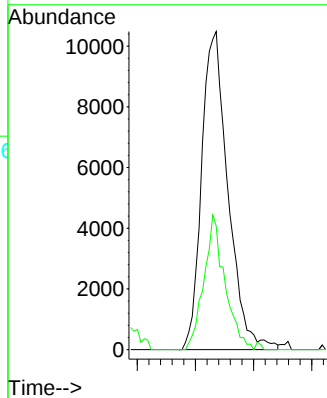
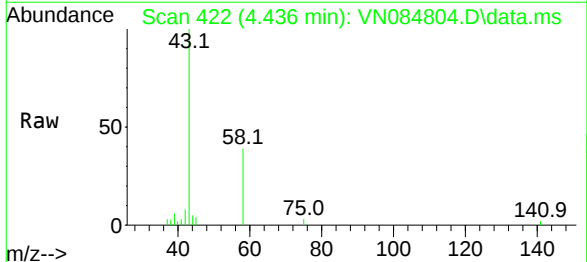


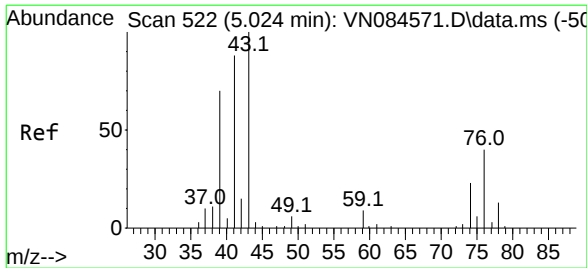
Tgt Ion:168 Resp: 179344
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#16
Acetone
Concen: 41.700 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084804.D
Acq: 12 Nov 2024 18:26

Tgt Ion: 43 Resp: 32980
Ion Ratio Lower Upper
43 100
58 38.8 24.4 36.6#

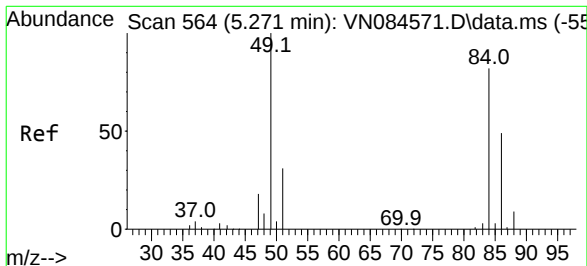
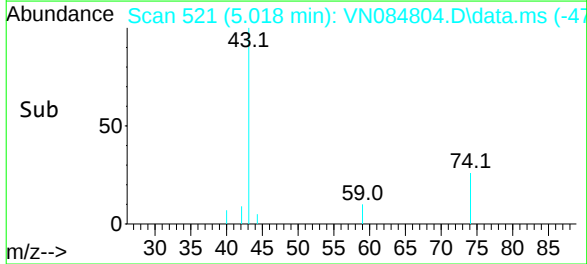
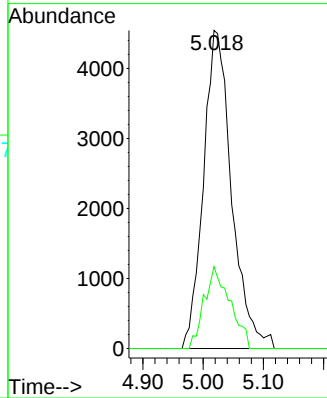
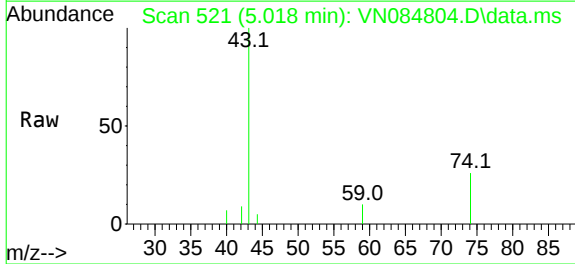




#18
Methyl Acetate
Concen: 1.527 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084804.D
Acq: 12 Nov 2024 18:26

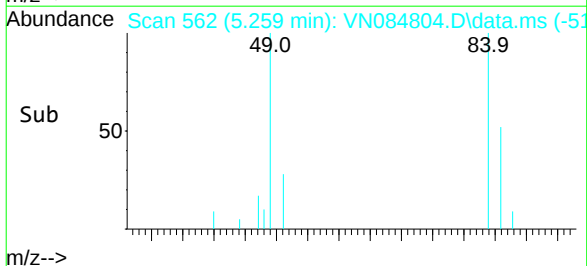
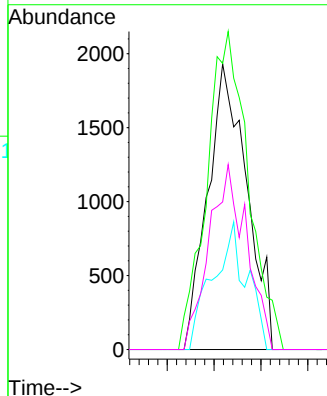
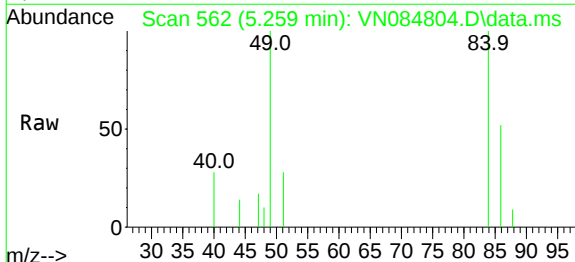
Instrument : MSVOA_N
ClientSampleId : TP-7

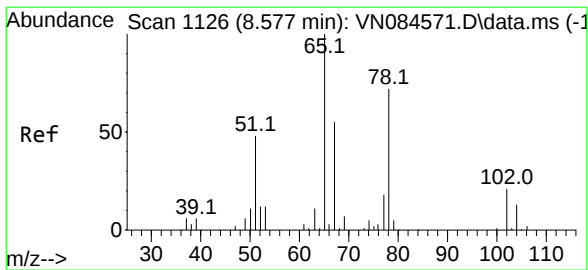
Tgt Ion: 43	Resp: 14751
Ion Ratio	Lower Upper
43	100
74	23.5 19.2 28.8



#20
Methylene Chloride
Concen: 2.451 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084804.D
Acq: 12 Nov 2024 18:26

Tgt Ion: 84	Resp: 5585
Ion Ratio	Lower Upper
84	100
49	100.1 107.2 160.8#
51	27.8 31.8 47.8#
86	51.7 52.9 79.3#

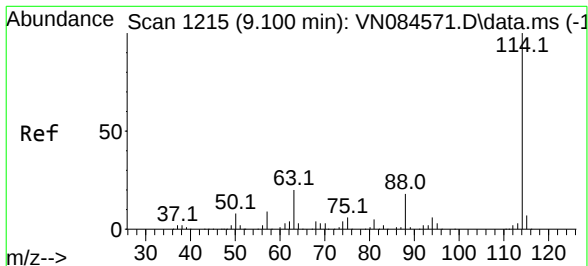
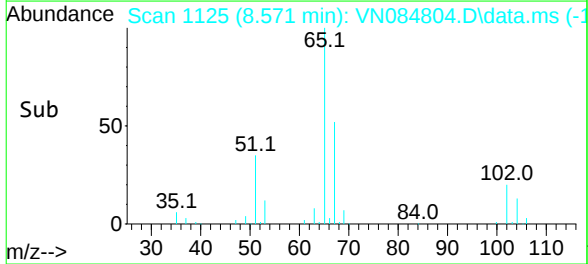
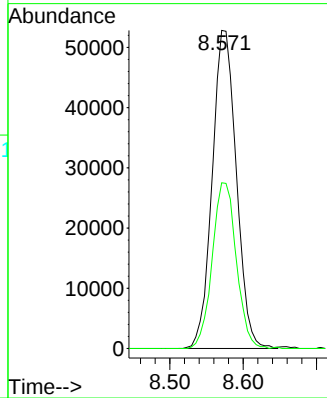
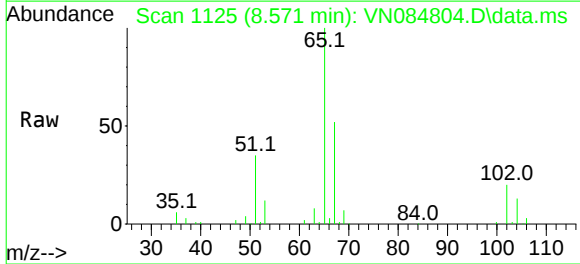




#33
 1,2-Dichloroethane-d4
 Concen: 46.638 ug/l
 RT: 8.571 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VN084804.D
 Acq: 12 Nov 2024 18:26

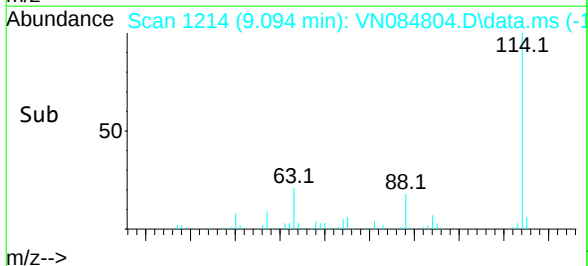
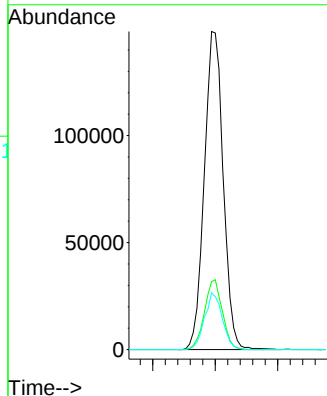
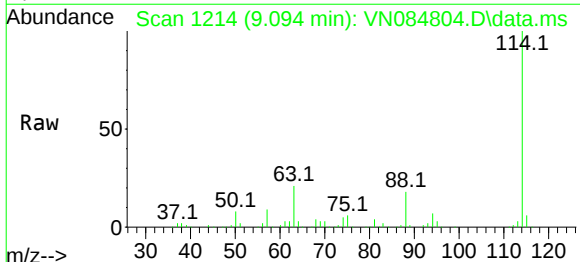
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

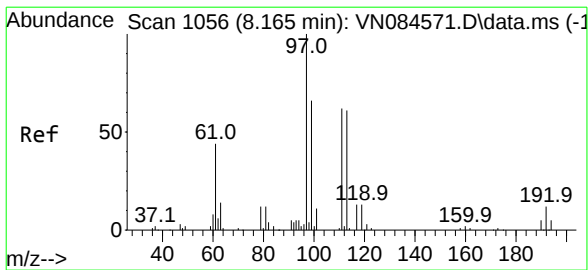
Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084804.D
 Acq: 12 Nov 2024 18:26

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.8
88	17.9	0.0	31.6





#35

Dibromofluoromethane

Concen: 47.411 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084804.D

Acq: 12 Nov 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

TP-7

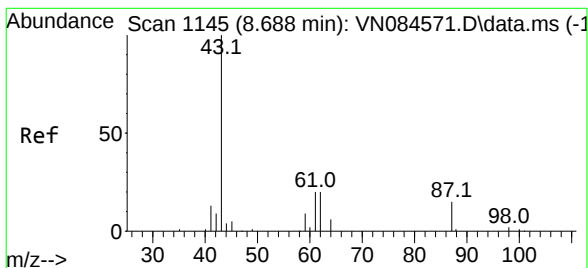
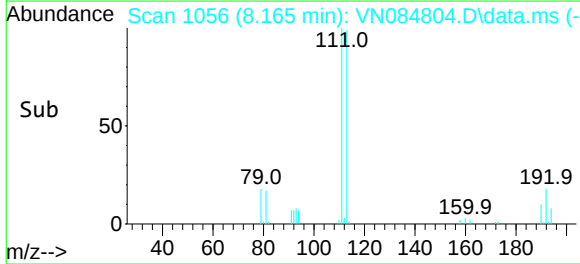
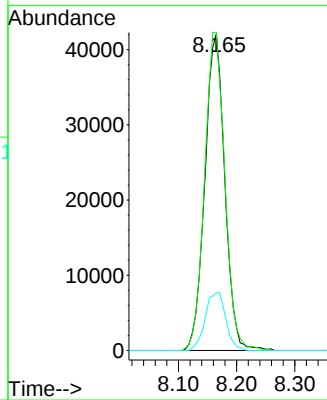
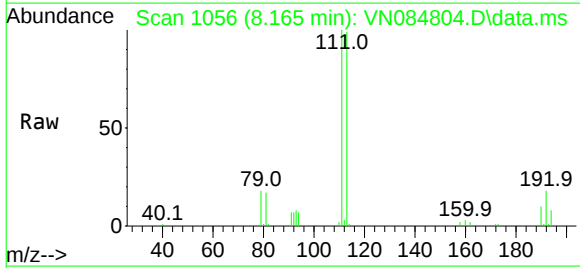
Tgt Ion:113 Resp: 100264

Ion Ratio Lower Upper

113 100

111 102.1 83.3 124.9

192 18.9 13.5 20.3



#43

Isopropyl Acetate

Concen: 20.700 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084804.D

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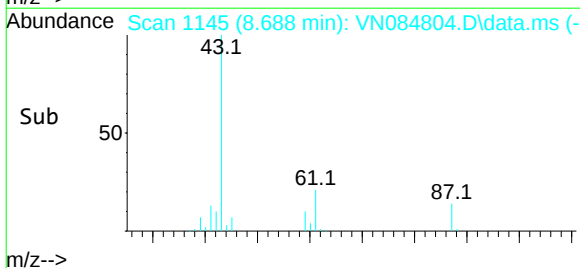
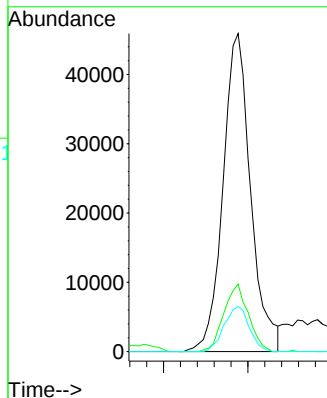
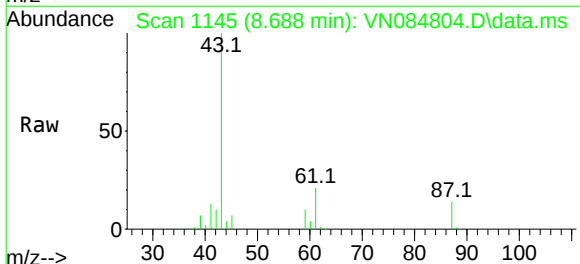
Tgt Ion: 43 Resp: 104542

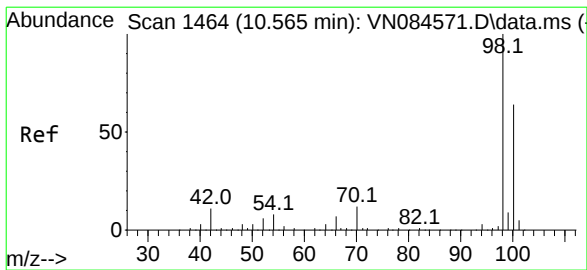
Ion Ratio Lower Upper

43 100

61 18.8 20.4 30.6#

87 12.9 10.3 15.5





#50

Toluene-d8

Concen: 47.649 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084804.D

Acq: 12 Nov 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

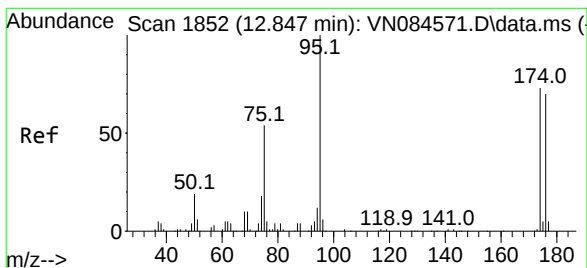
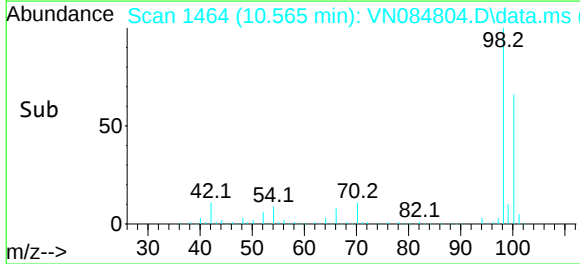
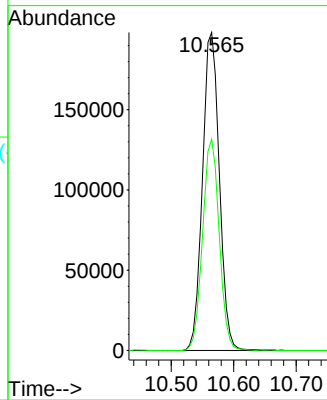
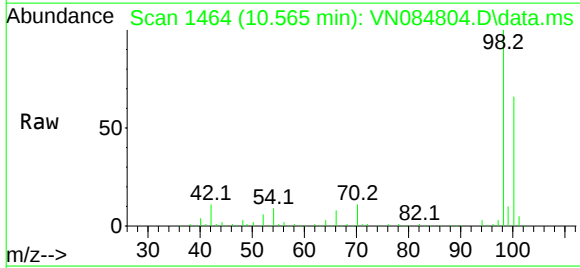
TP-7

Tgt Ion: 98 Resp: 371188

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 51.486 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084804.D

Acq: 12 Nov 2024 18:26

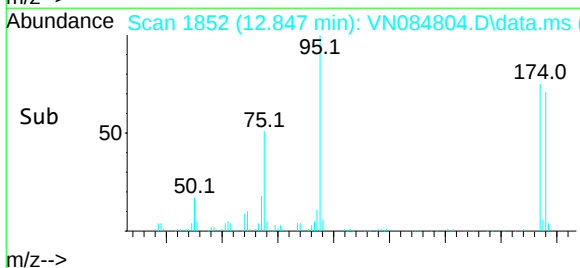
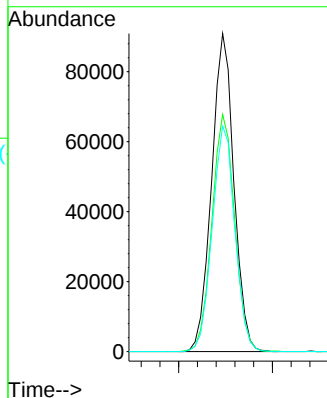
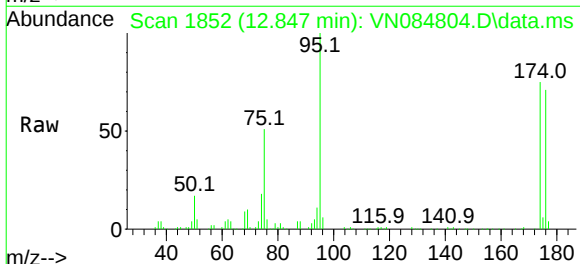
Tgt Ion: 95 Resp: 149898

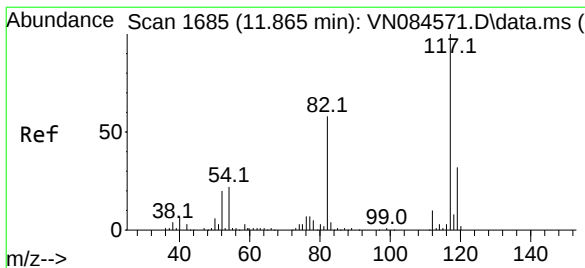
Ion Ratio Lower Upper

95 100

174 76.1 0.0 145.2

176 72.1 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084804.D

Acq: 12 Nov 2024 18:26

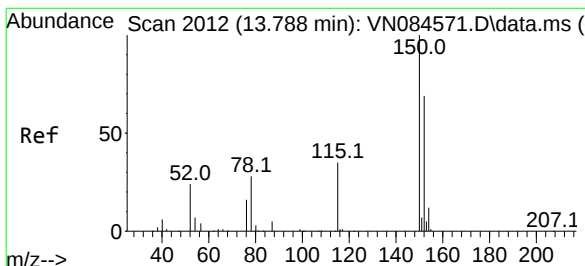
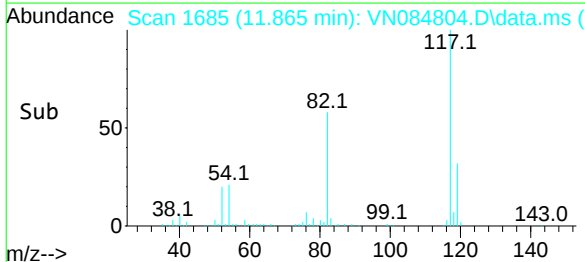
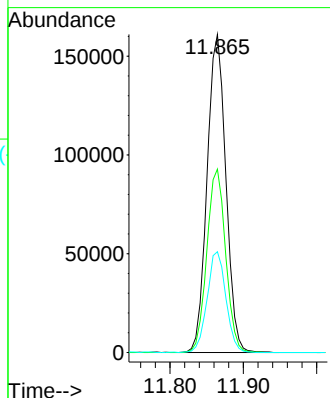
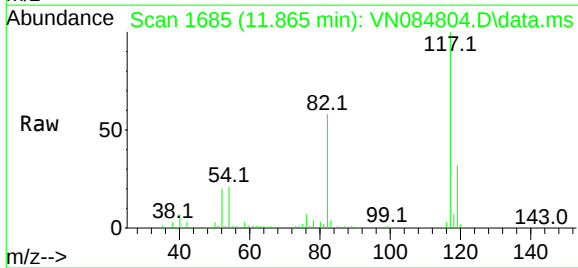
Instrument :

MSVOA_N

ClientSampleId :

TP-7

Tgt Ion:	117	Resp:	286518
Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.2	70.8
119	31.7	25.4	38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

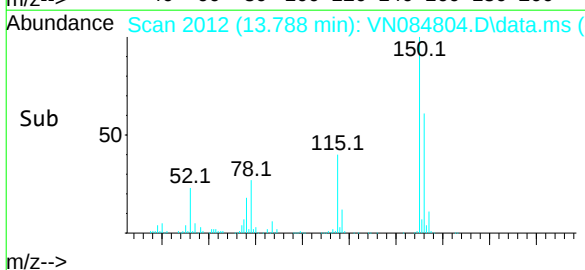
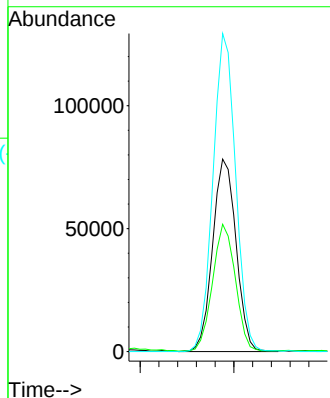
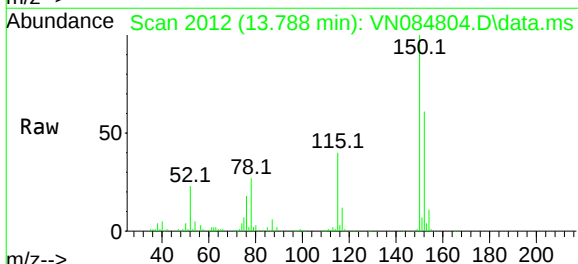
RT: 13.788 min Scan# 2012

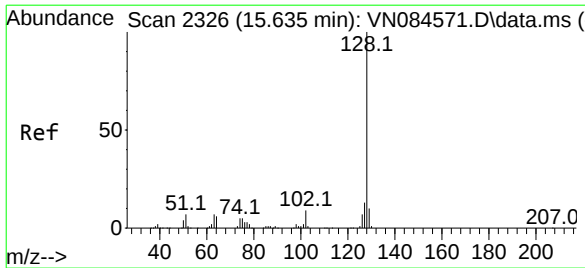
Delta R.T. 0.000 min

Lab File: VN084804.D

Acq: 12 Nov 2024 18:26

Tgt Ion:	152	Resp:	136250
Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.3	93.9
150	159.3	0.0	349.8





#95
Naphthalene
Concen: 29.357 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN084804.D
Acq: 12 Nov 2024 18:26

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 231513
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.7 8.7 13.1

