

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084966.D
 Acq On : 20 Nov 2024 14:08
 Operator : JC\MD
 Sample : PB165108TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB165108TB

Quant Time: Nov 21 00:37:53 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)

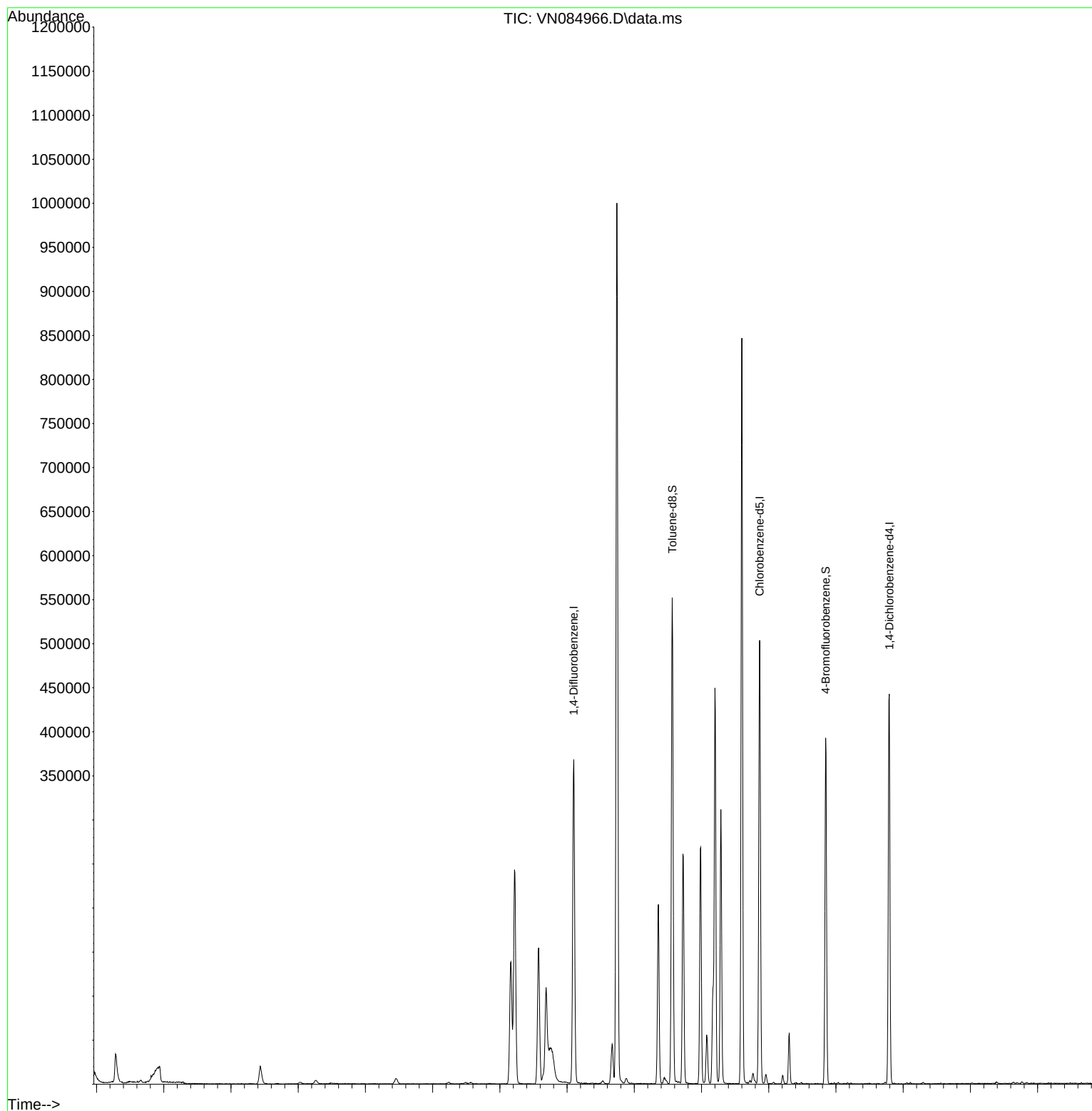
Internal Standards						
1) Pentafluorobenzene	8.218	168	174556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126349	50.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.240%			
35) Dibromofluoromethane	8.165	113	102758	47.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.320%			
50) Toluene-d8	10.565	98	377162	46.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.980%			
62) 4-Bromofluorobenzene	12.847	95	139122	46.377	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.760%			
Target Compounds						
16) Acetone	4.436	43	19276	23.888	ug/l	98
20) Methylene Chloride	5.271	84	3124	1.409	ug/l #	69
43) Isopropyl Acetate	8.688	43	139307	27.059	ug/l #	85

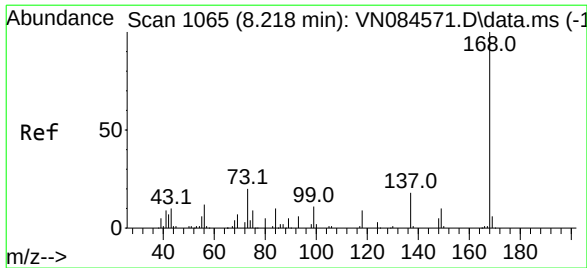
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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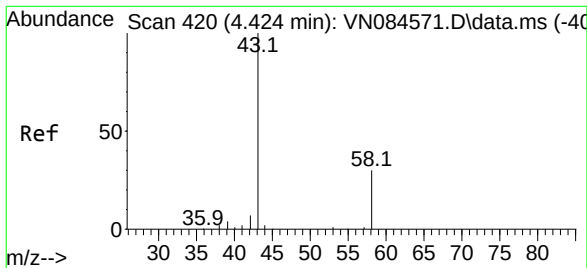
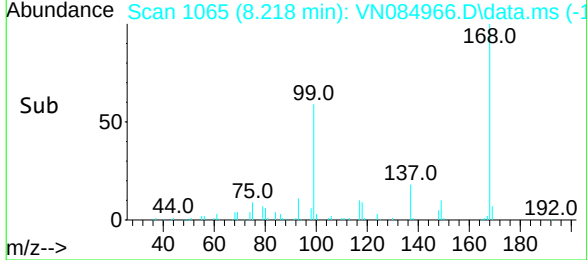
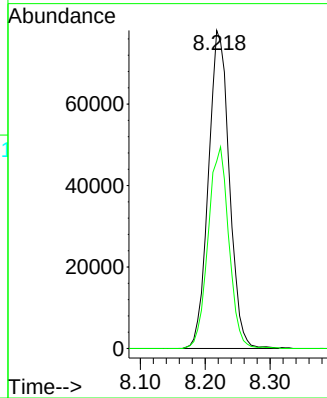
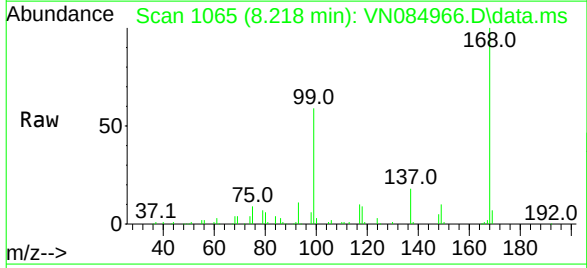




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

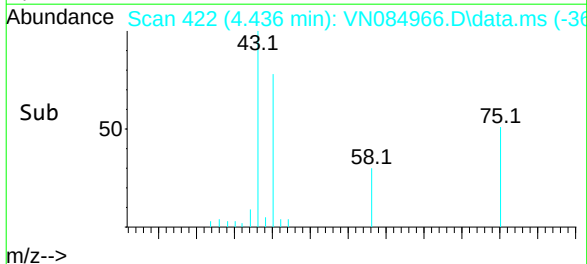
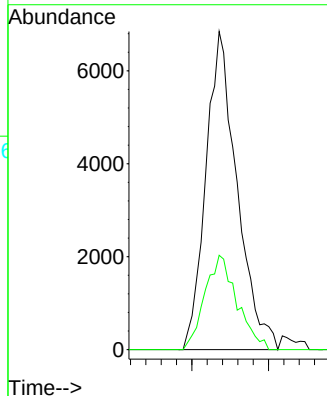
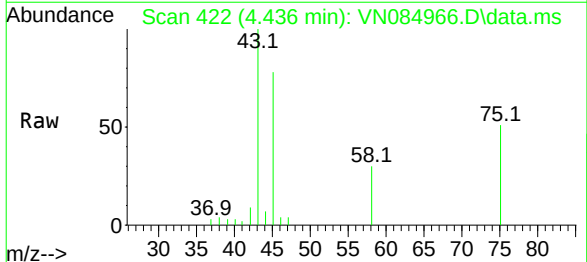
Instrument :
MSVOA_N
ClientSampleId :
PB165108TB

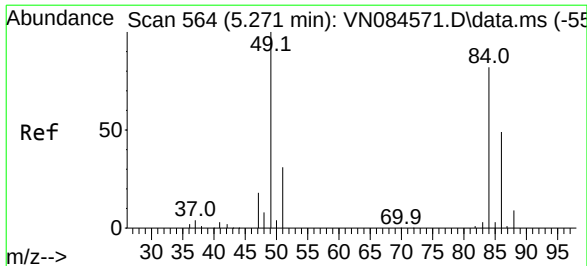
Tgt Ion:168 Resp: 174556
Ion Ratio Lower Upper
168 100
99 58.9 54.2 81.2



#16
Acetone
Concen: 23.888 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

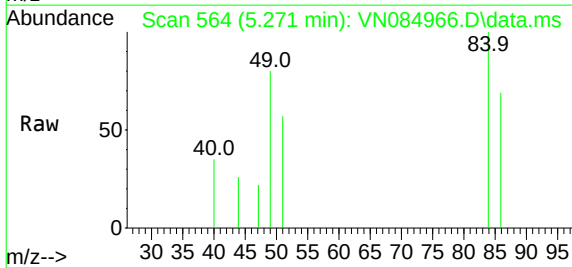
Tgt Ion: 43 Resp: 19276
Ion Ratio Lower Upper
43 100
58 29.7 24.4 36.6



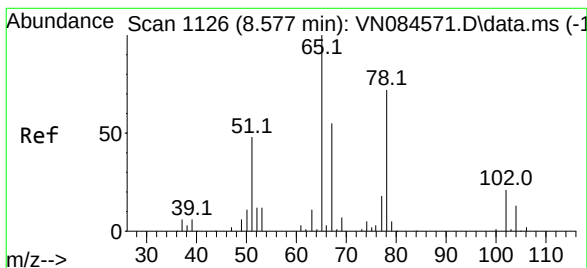
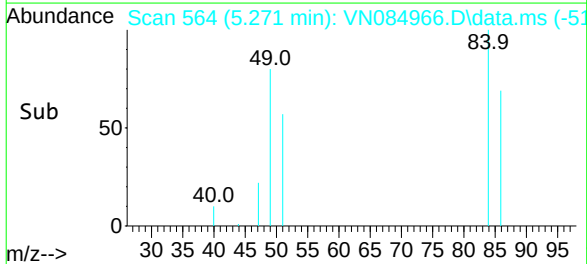
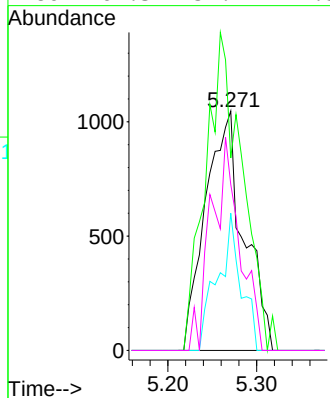


#20
Methylene Chloride
Concen: 1.409 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :
PB165108TB

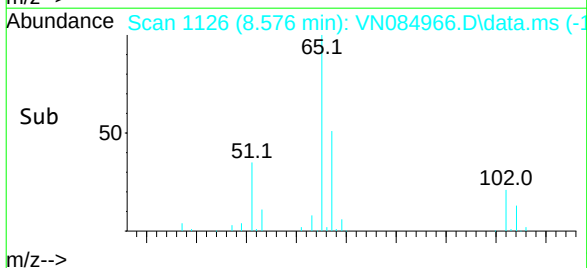
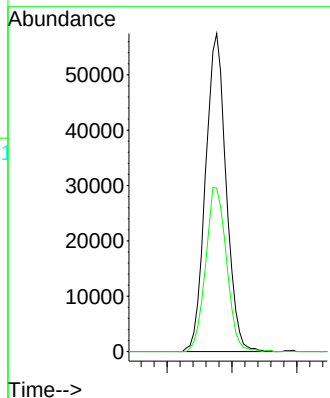
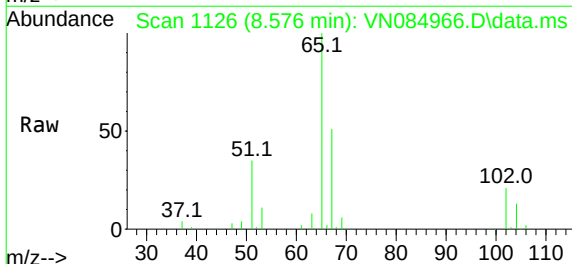


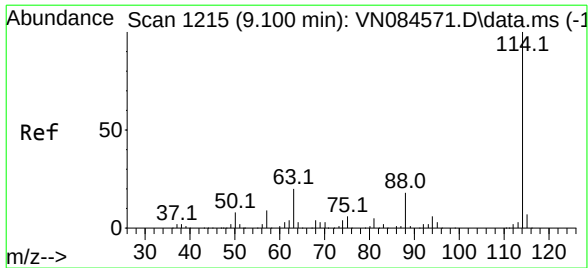
Tgt Ion	Ratio	Lower	Upper
84	100		
49	80.4	107.2	160.8#
51	57.3	31.8	47.8#
86	69.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 50.115 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	102.0

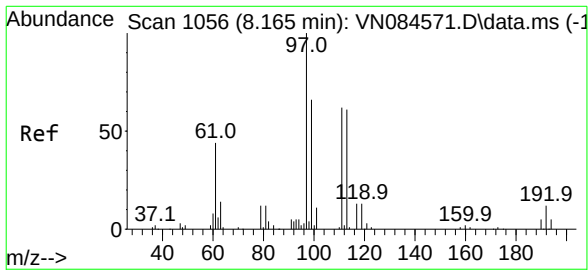
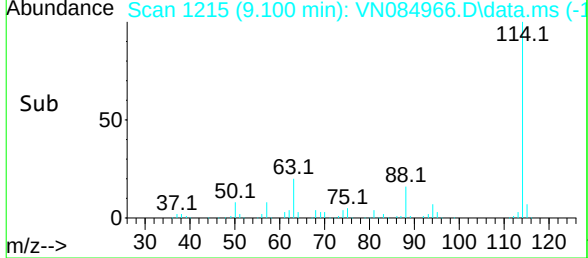
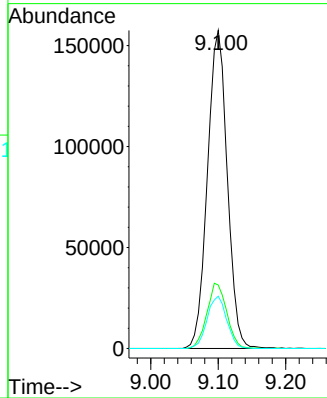
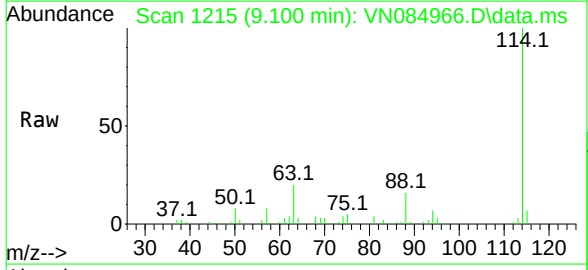




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

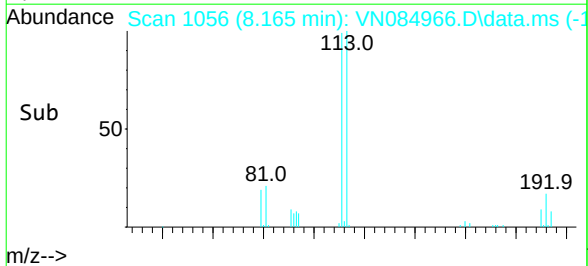
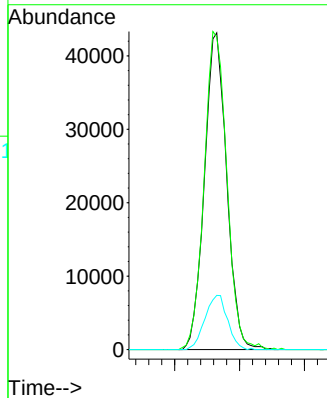
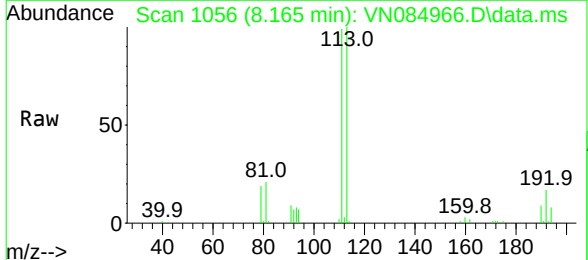
Instrument :
MSVOA_N
ClientSampleId :
PB165108TB

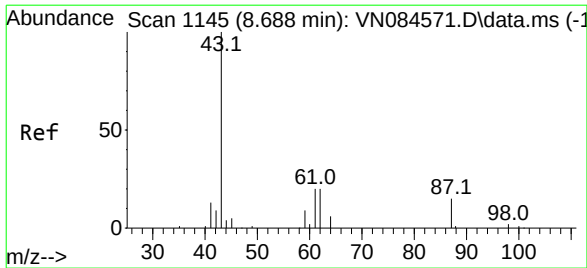
Tgt Ion:	114	Resp:	321916
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.8
88	16.4	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

Tgt Ion:	113	Resp:	102758
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.3	124.9
192	17.4	13.5	20.3

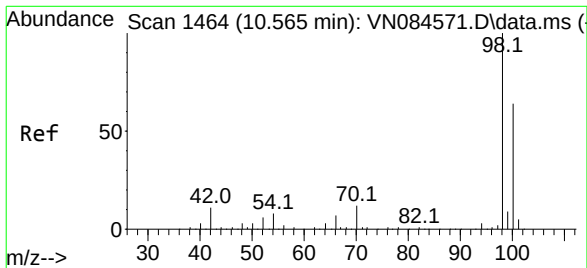
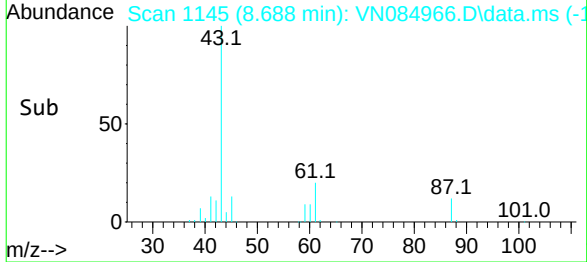
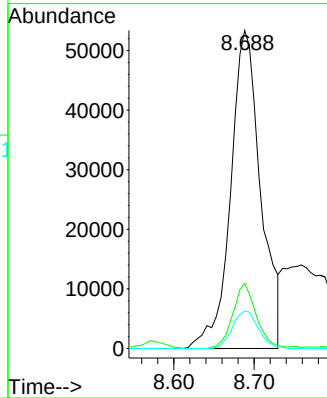
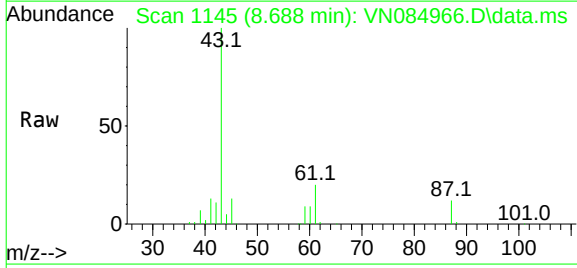




#43
Isopropyl Acetate
Concen: 27.059 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

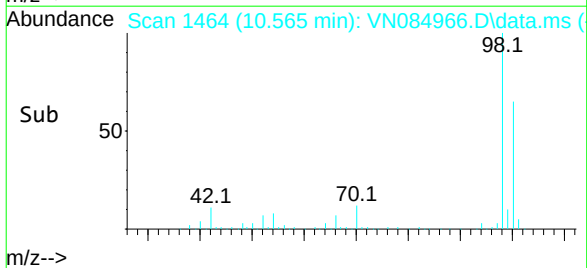
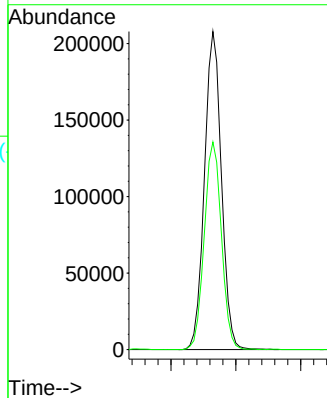
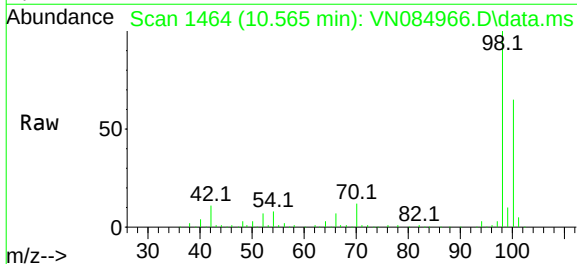
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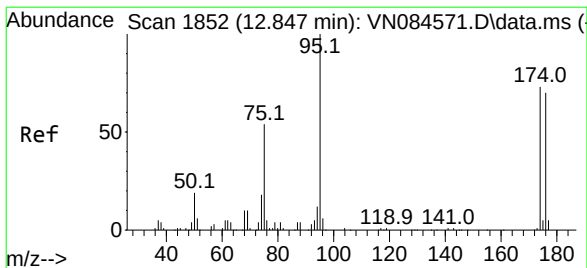
Tgt Ion: 43 Resp: 139307
Ion Ratio Lower Upper
43 100
61 16.1 20.4 30.6#
87 10.1 10.3 15.5#



#50
Toluene-d8
Concen: 46.989 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084966.D
Acq: 20 Nov 2024 14:08

Tgt Ion: 98 Resp: 377162
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.377 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084966.D

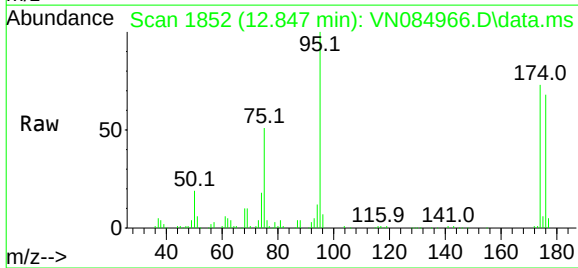
Acq: 20 Nov 2024 14:08

Instrument :

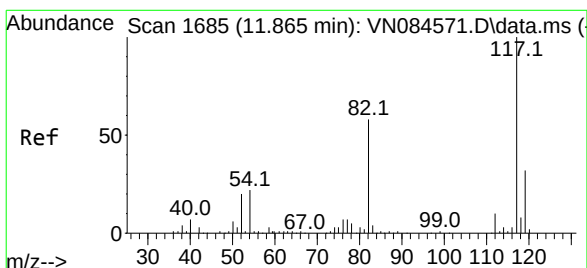
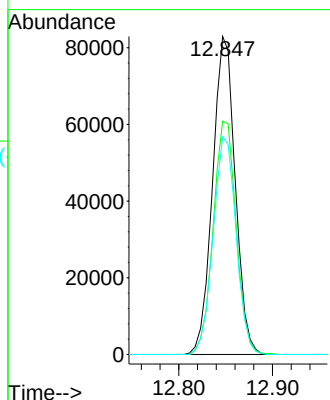
MSVOA_N

ClientSampleId :

PB165108TB



Tgt Ion:	95	Resp:	139122
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	145.2
176	69.5	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

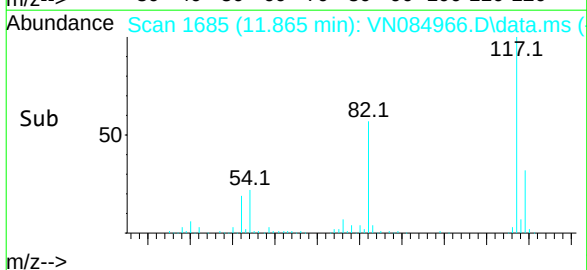
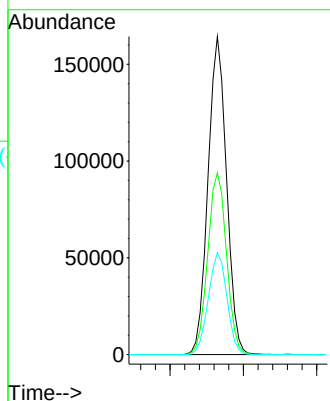
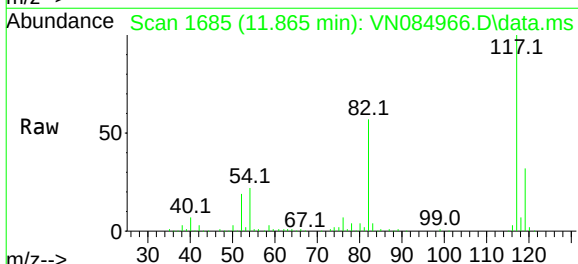
RT: 11.865 min Scan# 1685

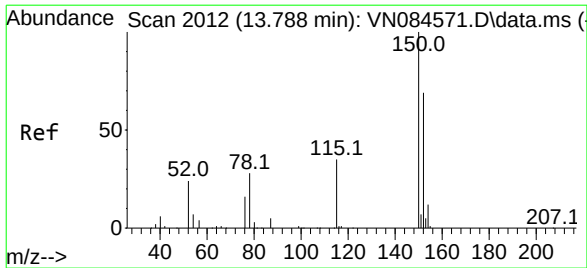
Delta R.T. -0.000 min

Lab File: VN084966.D

Acq: 20 Nov 2024 14:08

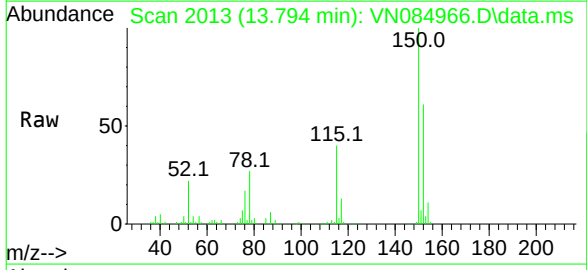
Tgt Ion:	117	Resp:	287968
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.2	70.8
119	32.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084966.D
 Acq: 20 Nov 2024 14:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB165108TB



Tgt Ion:	152	Resp:	120018
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.9
150	158.9	0.0	349.8

