

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084591.D
 Acq On : 31 Oct 2024 01:21
 Operator : JC\MD
 Sample : P4597-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BLUE-2-1

Quant Time: Oct 31 18:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:24:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

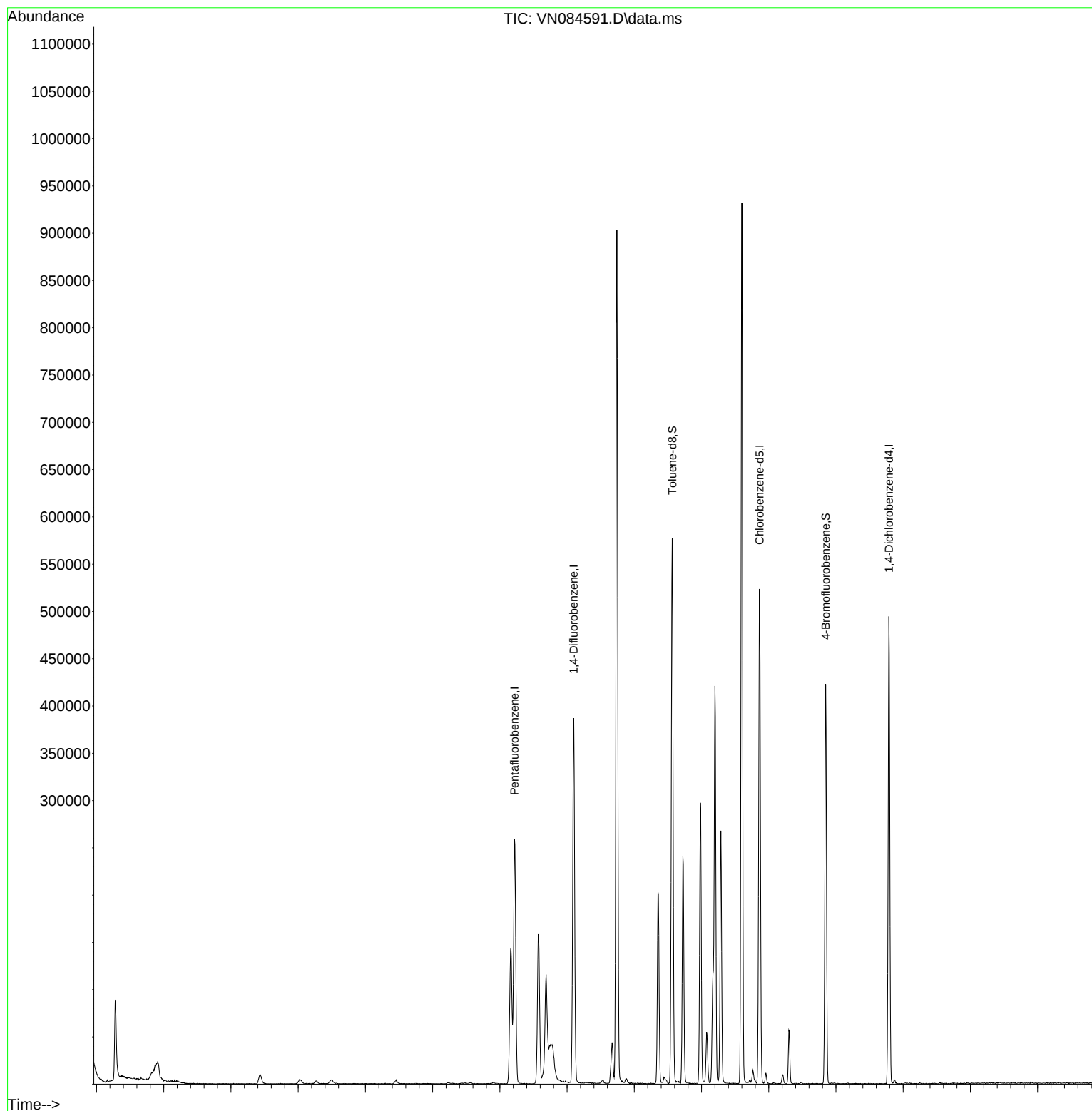
Internal Standards						
1) Pentafluorobenzene	8.218	168	182331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133357	50.639	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.280%
35) Dibromofluoromethane	8.165	113	107217	47.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.840%
50) Toluene-d8	10.565	98	397359	48.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.847	95	148951	48.354	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.700%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	19778	23.414	ug/l	96
20) Methylene Chloride	5.277	84	2409	1.040	ug/l #	66
43) Isopropyl Acetate	8.688	43	144121	27.269	ug/l #	83

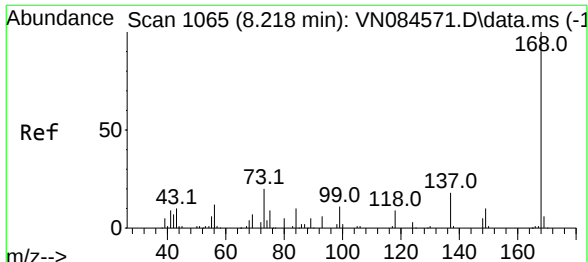
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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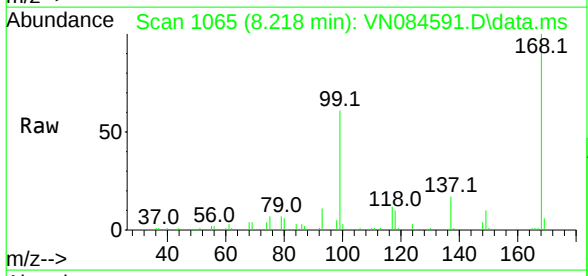
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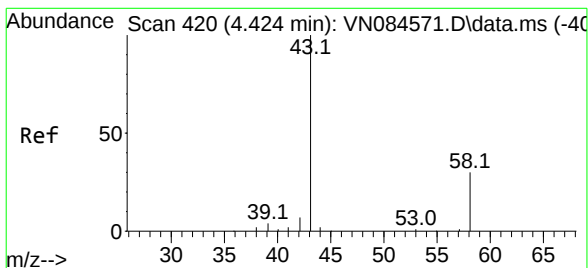
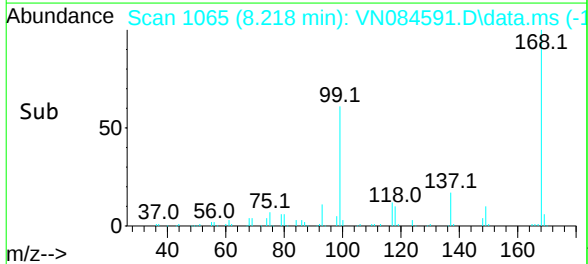
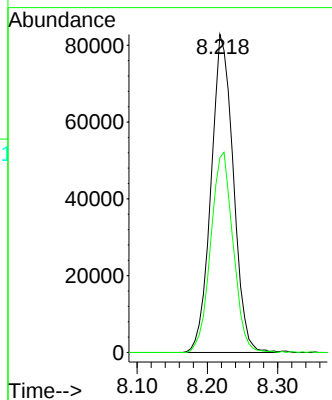


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084591.D
 Acq: 31 Oct 2024 01:21

Instrument :
 MSVOA_N
 ClientSampleId :
 BLUE-2-1

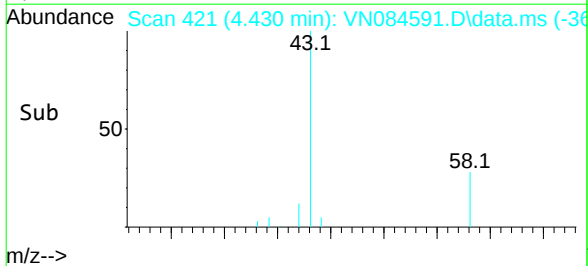
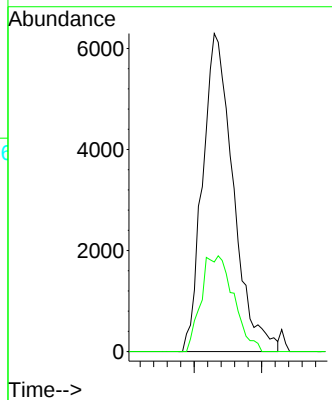
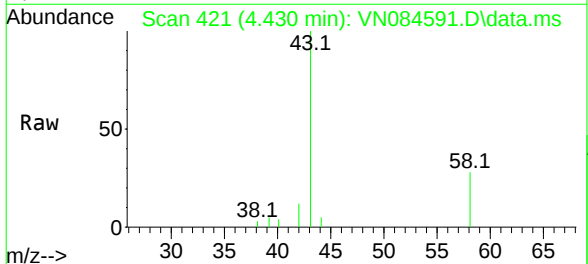


Tgt Ion: 168 Resp: 182331
 Ion Ratio Lower Upper
 168 100
 99 61.3 54.2 81.2



#16
 Acetone
 Concen: 23.414 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN084591.D
 Acq: 31 Oct 2024 01:21

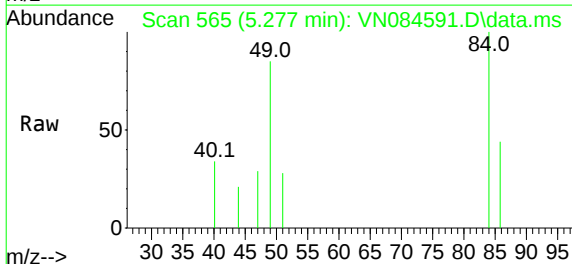
Tgt Ion: 43 Resp: 19778
 Ion Ratio Lower Upper
 43 100
 58 28.2 24.4 36.6



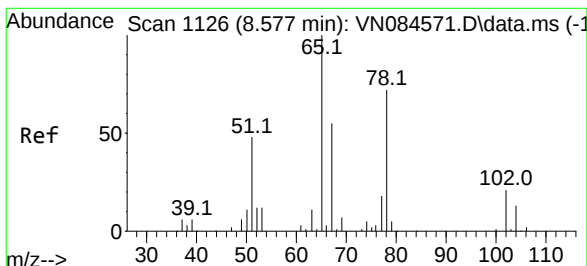
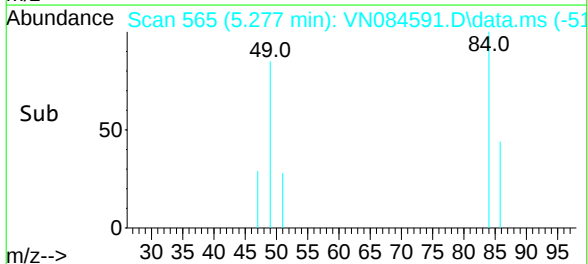
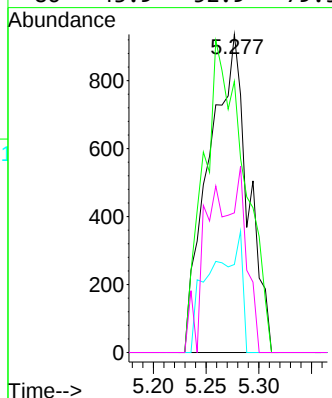


#20
Methylene Chloride
Concen: 1.040 ug/l
RT: 5.277 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN084591.D
Acq: 31 Oct 2024 01:21

Instrument :
MSVOA_N
ClientSampleId :
BLUE-2-1

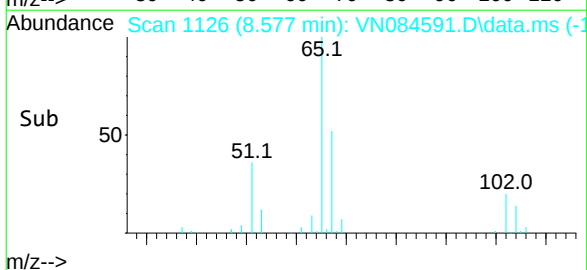
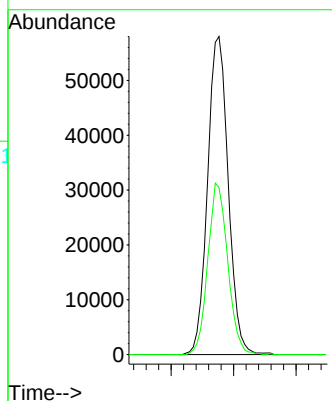
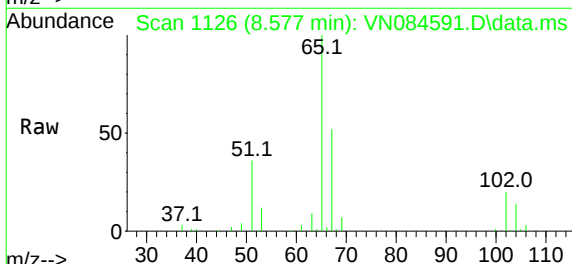


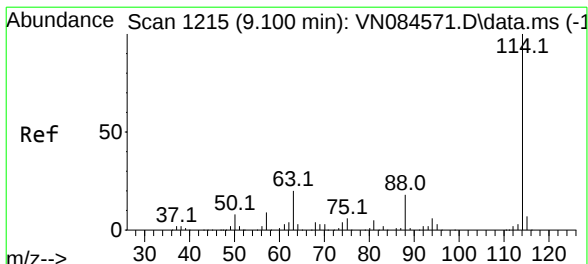
Tgt Ion:	84	Resp:	2409
Ion	Ratio	Lower	Upper
84	100		
49	85.3	107.2	160.8#
51	27.7	31.8	47.8#
86	43.9	52.9	79.3#



#33
1,2-Dichloroethane-d4
Concen: 50.639 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084591.D
Acq: 31 Oct 2024 01:21

Tgt Ion:	65	Resp:	133357
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.0

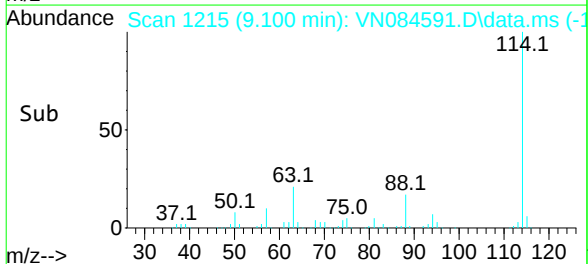
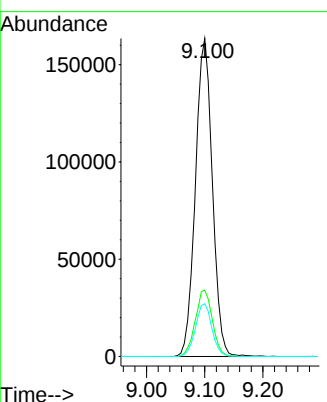
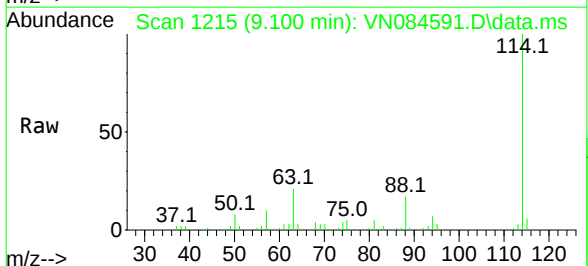




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084591.D
 Acq: 31 Oct 2024 01:21

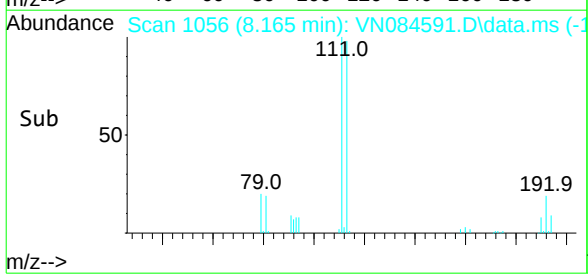
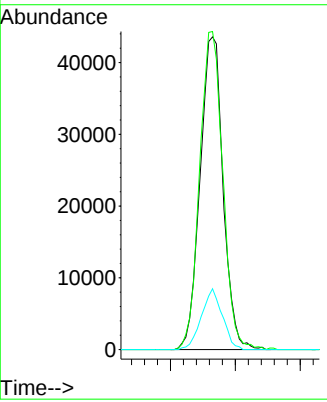
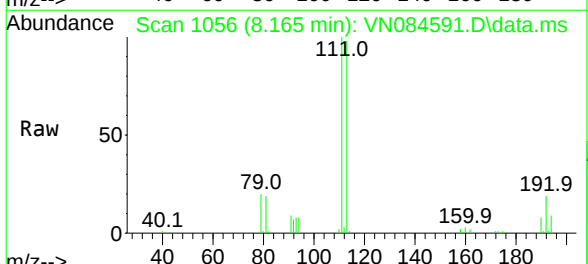
Instrument :
 MSVOA_N
 ClientSampleId :
 BLUE-2-1

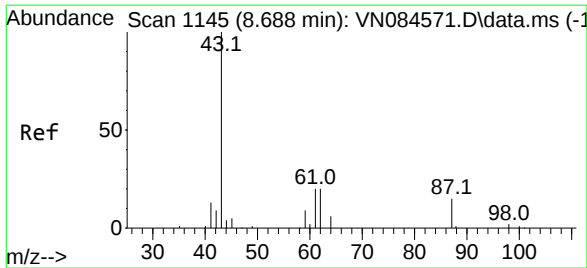
Tgt Ion:	114	Resp:	330565
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	43.8
88	16.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.918 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084591.D
 Acq: 31 Oct 2024 01:21

Tgt Ion:	113	Resp:	107217
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.3	124.9
192	17.8	13.5	20.3

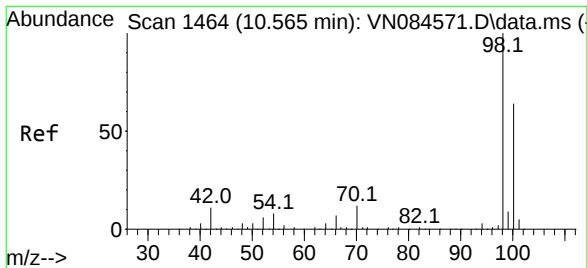
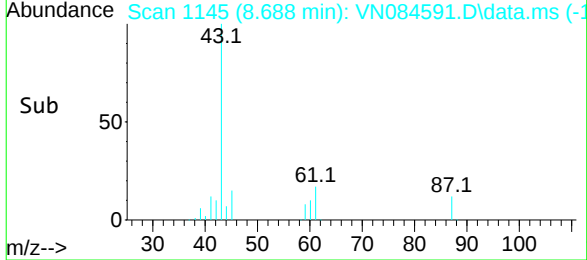
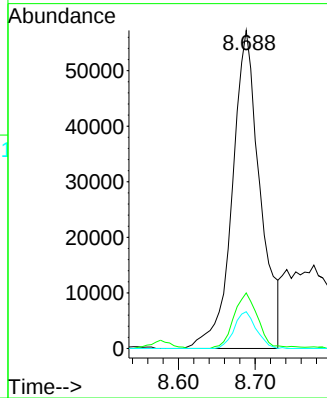
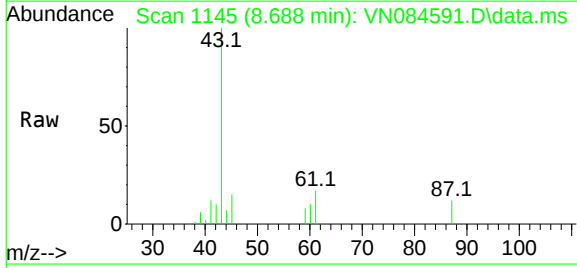




#43
Isopropyl Acetate
Concen: 27.269 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084591.D
Acq: 31 Oct 2024 01:21

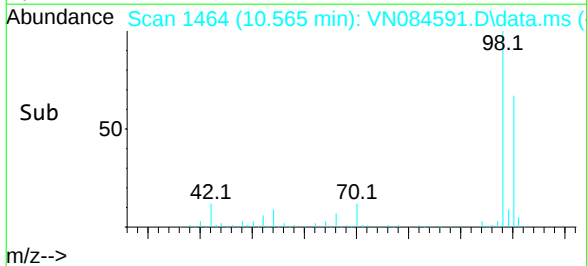
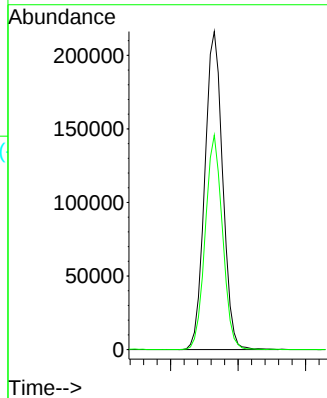
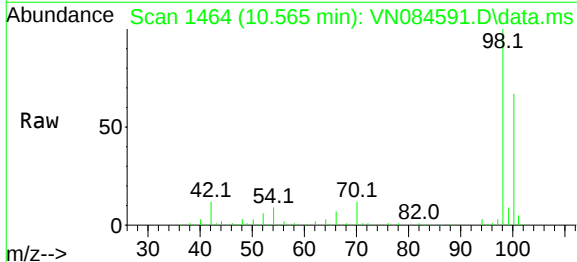
Instrument :
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ClientSampleId :
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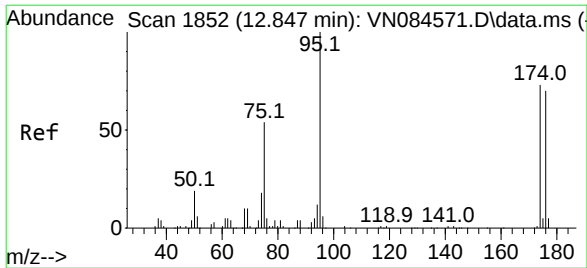
Tgt Ion: 43 Resp: 144121
Ion Ratio Lower Upper
43 100
61 15.0 20.4 30.6#
87 9.2 10.3 15.5#



#50
Toluene-d8
Concen: 48.210 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084591.D
Acq: 31 Oct 2024 01:21

Tgt Ion: 98 Resp: 397359
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 48.354 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084591.D

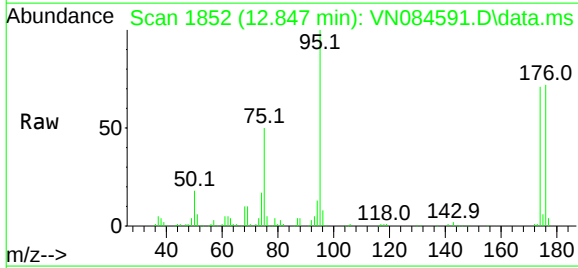
Acq: 31 Oct 2024 01:21

Instrument :

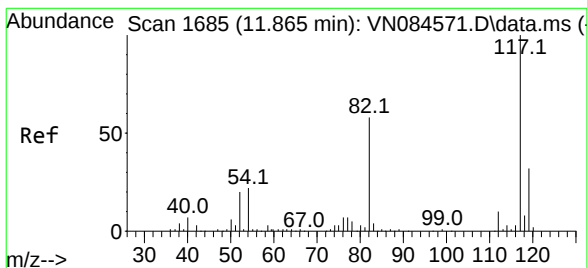
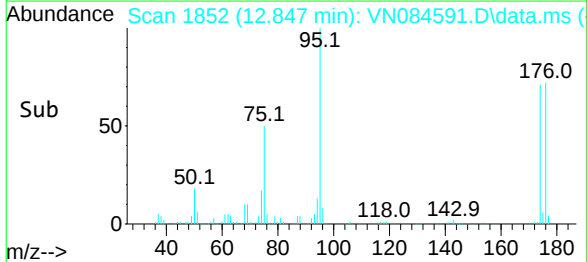
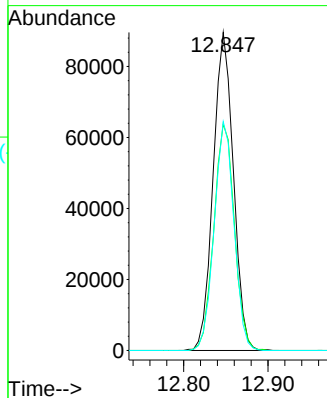
MSVOA_N

ClientSampleId :

BLUE-2-1



Tgt Ion:	95	Resp:	148951
Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	145.2
176	70.6	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

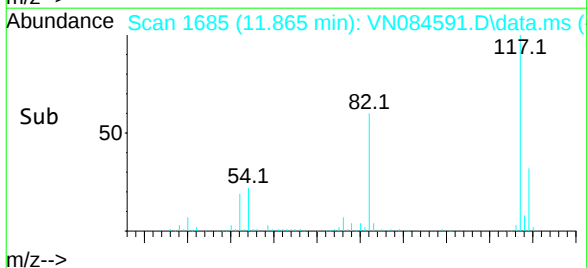
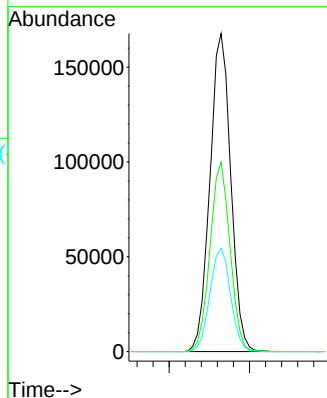
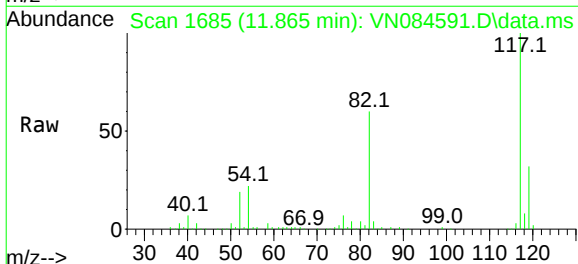
RT: 11.865 min Scan# 1685

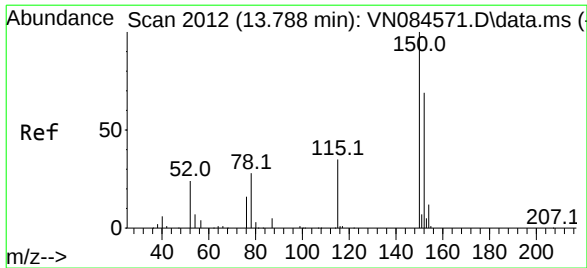
Delta R.T. -0.000 min

Lab File: VN084591.D

Acq: 31 Oct 2024 01:21

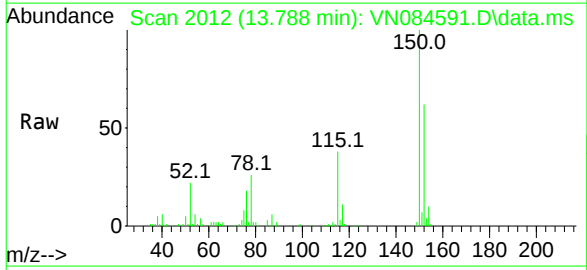
Tgt Ion:	117	Resp:	301897
Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.2	70.8
119	32.4	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084591.D
 Acq: 31 Oct 2024 01:21

Instrument :
 MSVOA_N
 ClientSampleId :
 BLUE-2-1



Tgt Ion:152 Resp: 132253

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.9
150	157.5	0.0	349.8

