

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021425\
 Data File : VN085770.D
 Acq On : 14 Feb 2025 14:42
 Operator : JC\MD
 Sample : PB166701ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#04

Quant Time: Feb 14 22:38:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

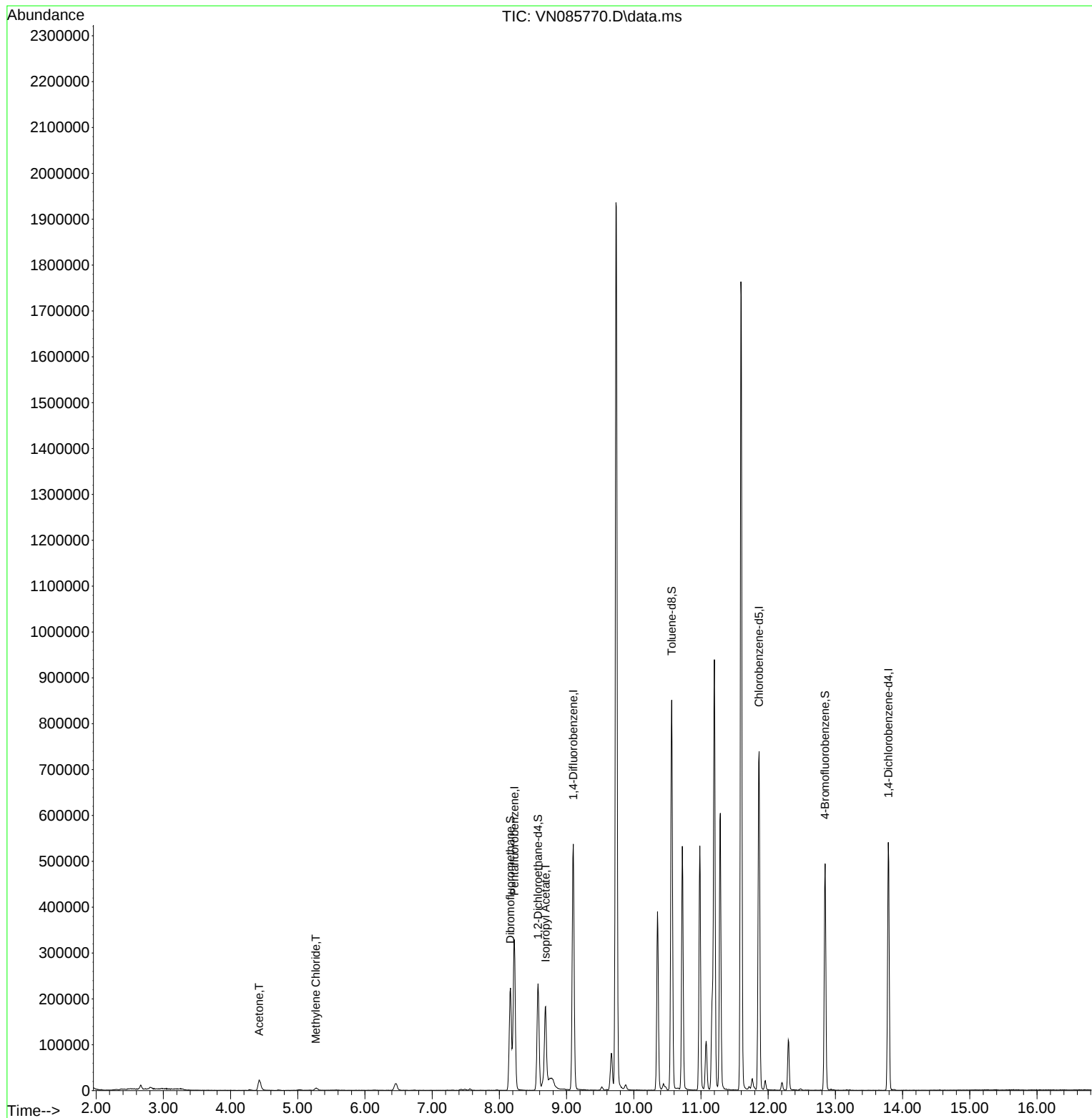
Internal Standards						
1) Pentafluorobenzene	8.224	168	233308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	437559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	150457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189543	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	8.165	113	161446	50.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	10.565	98	597898	52.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.847	95	171982	44.260	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.520%			
Target Compounds						
16) Acetone	4.424	43	43276	35.564	ug/l	92
20) Methylene Chloride	5.271	84	4218	1.400	ug/l #	76
43) Isopropyl Acetate	8.688	43	212807	29.324	ug/l #	89

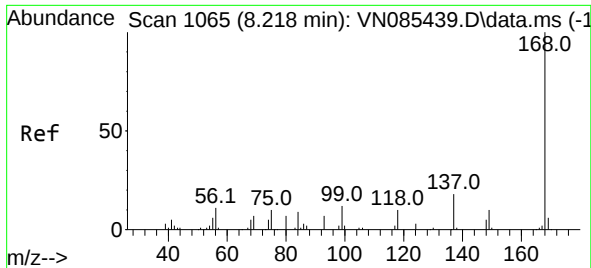
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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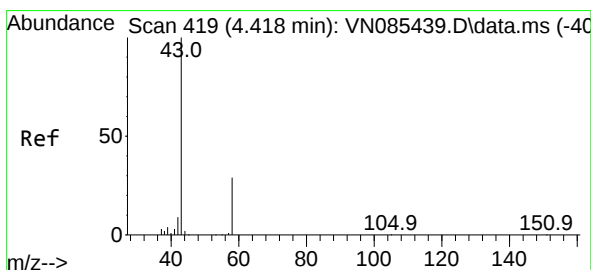
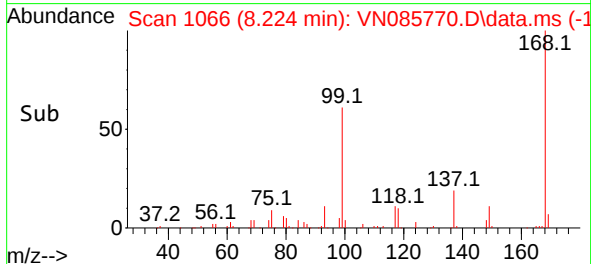
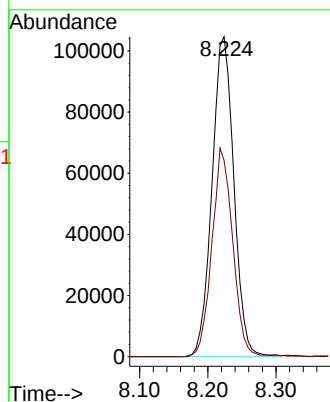
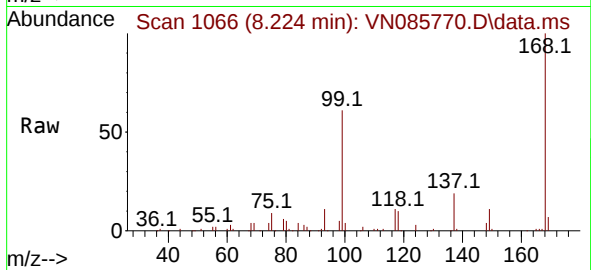




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

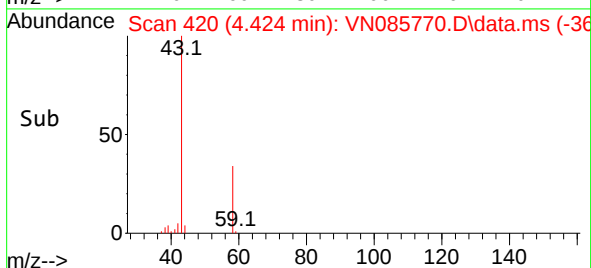
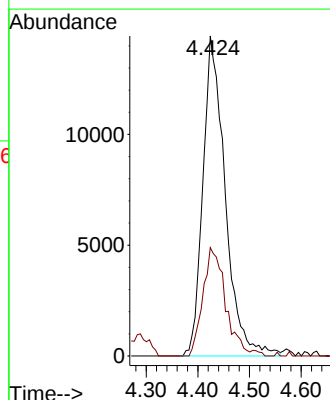
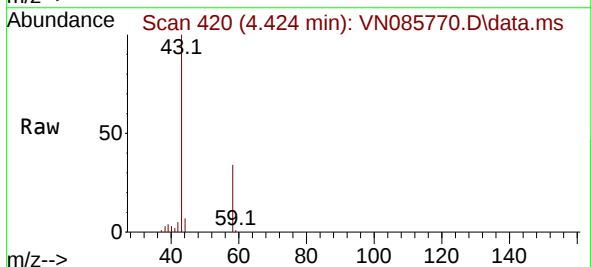
Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#04

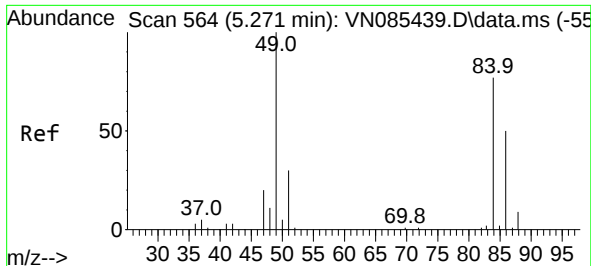
Tgt Ion:168 Resp: 233308
Ion Ratio Lower Upper
168 100
99 61.4 53.6 80.4



#16
Acetone
Concen: 35.564 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

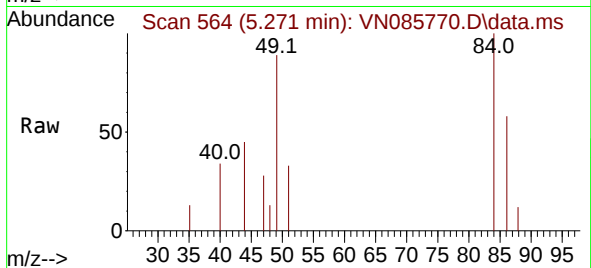
Tgt Ion: 43 Resp: 43276
Ion Ratio Lower Upper
43 100
58 33.9 23.8 35.6



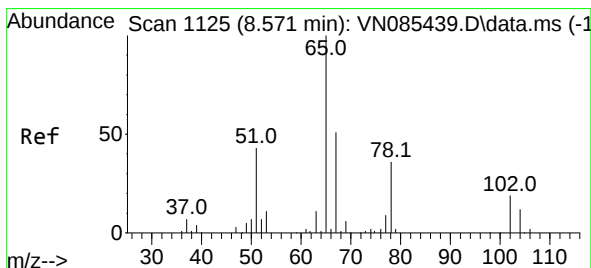
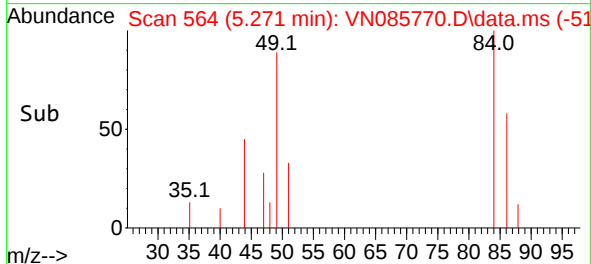
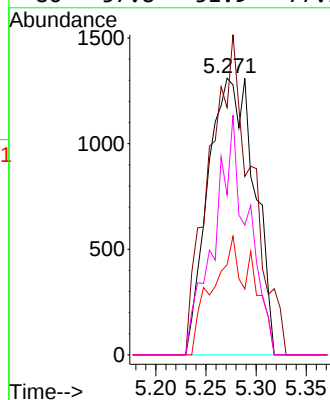


#20
Methylene Chloride
Concen: 1.400 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :
PB166701ZHE#04

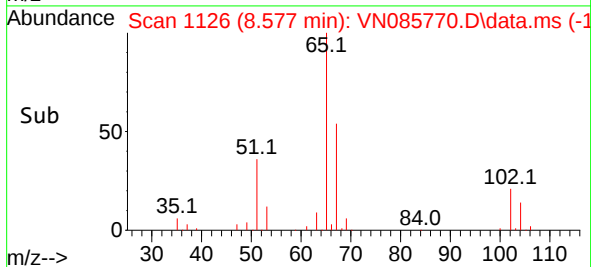
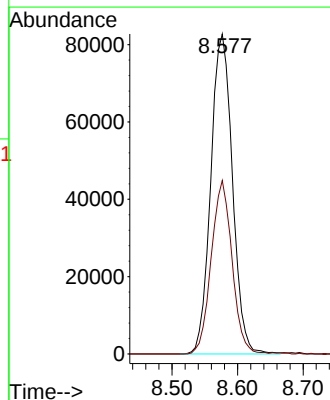
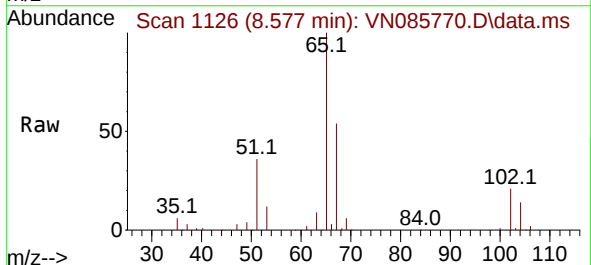


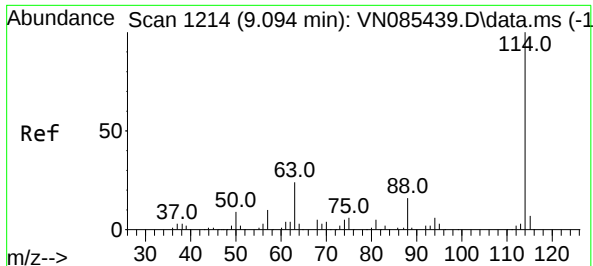
Tgt Ion:	84	Resp:	4218
Ion	Ratio	Lower	Upper
84	100		
49	89.4	104.1	156.1#
51	32.5	31.0	46.4
86	57.8	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: 50.329 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

Tgt Ion:	65	Resp:	189543
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085770.D

Acq: 14 Feb 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

PB166701ZHE#04

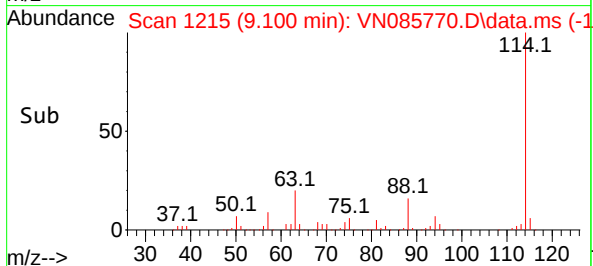
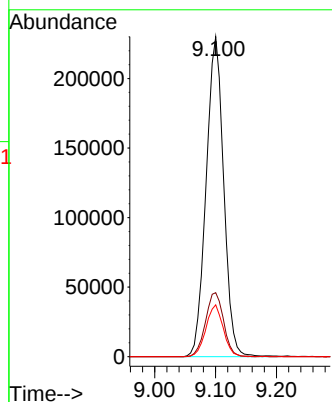
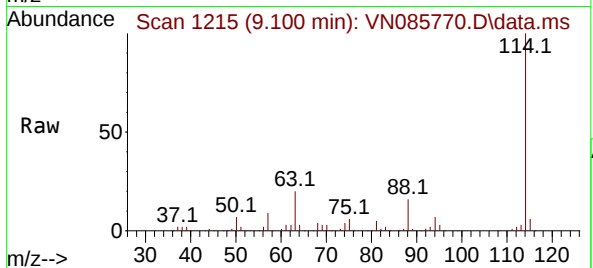
Tgt Ion:114 Resp: 460844

Ion Ratio Lower Upper

114 100

63 20.0 0.0 47.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.497 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085770.D

Acq: 14 Feb 2025 14:42

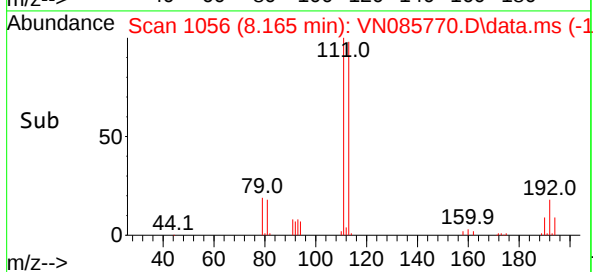
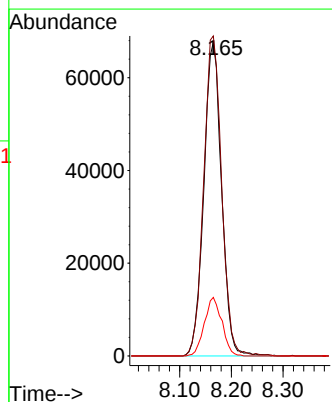
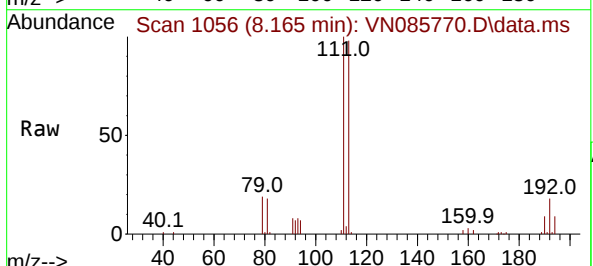
Tgt Ion:113 Resp: 161446

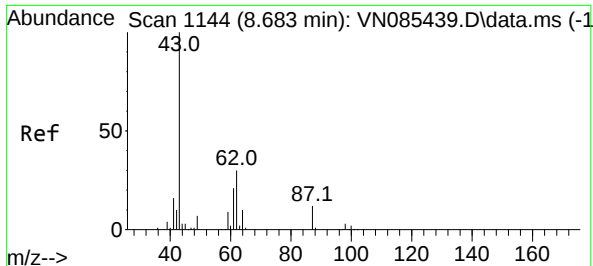
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 18.4 14.3 21.5





#43

Isopropyl Acetate

Concen: 29.324 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085770.D

Acq: 14 Feb 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

PB166701ZHE#04

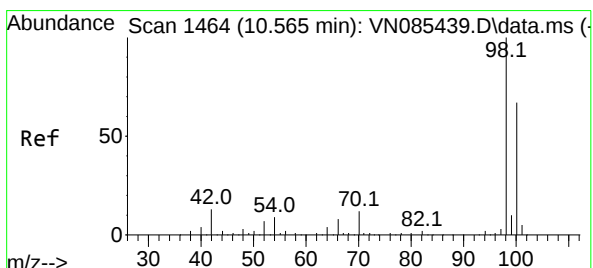
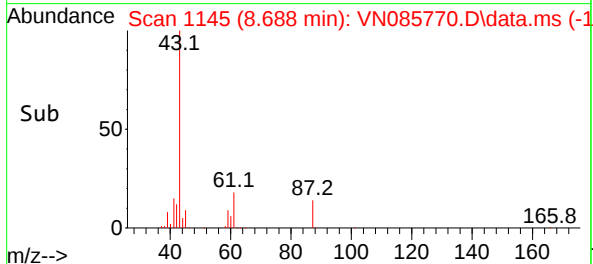
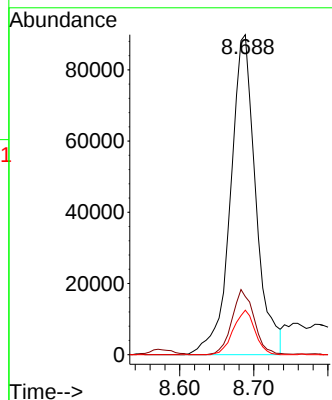
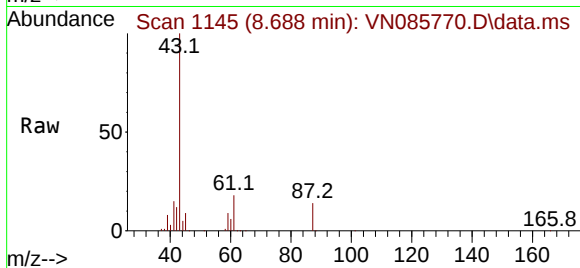
Tgt Ion: 43 Resp: 212807

Ion Ratio Lower Upper

43 100

61 17.9 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 52.635 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085770.D

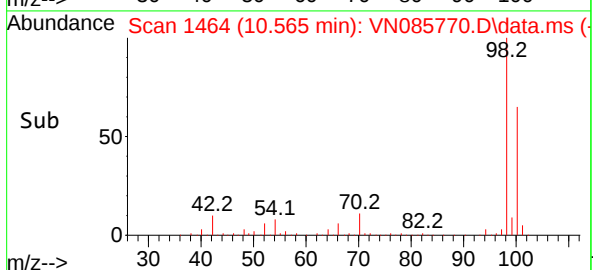
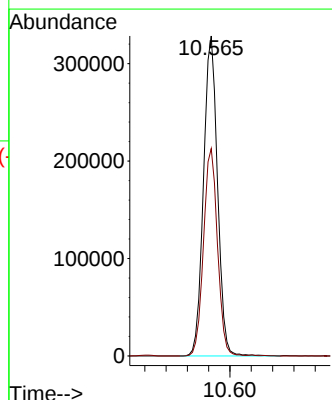
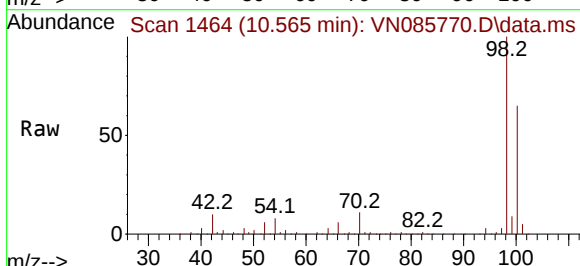
Acq: 14 Feb 2025 14:42

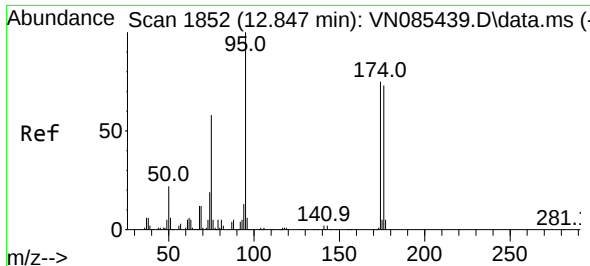
Tgt Ion: 98 Resp: 597898

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4

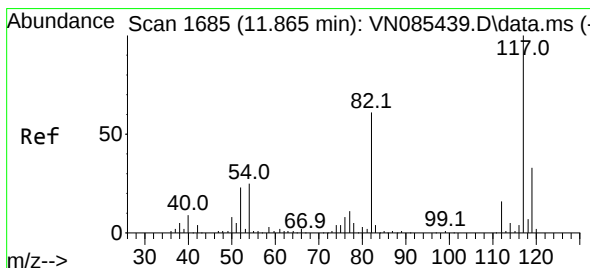
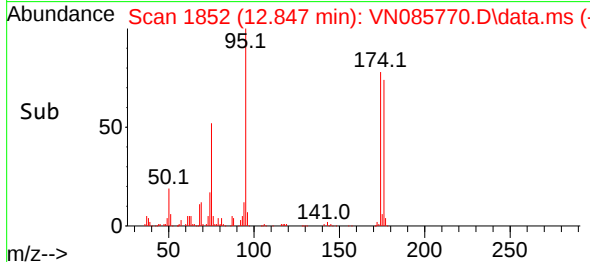
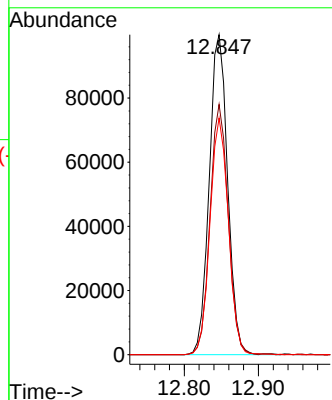
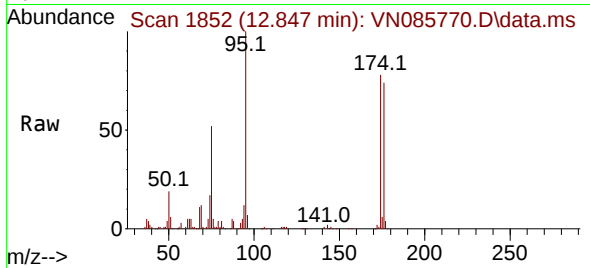




#62
4-Bromofluorobenzene
Concen: 44.260 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

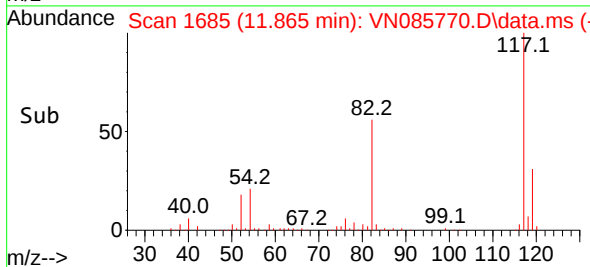
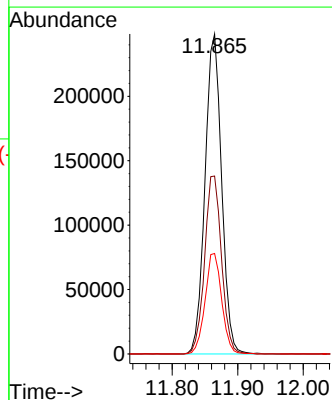
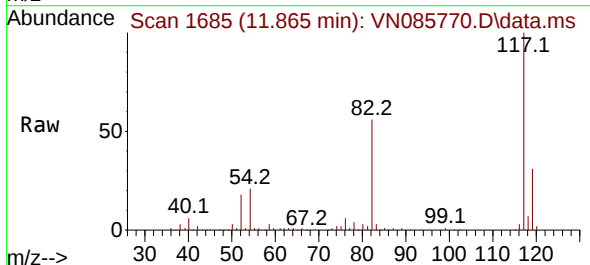
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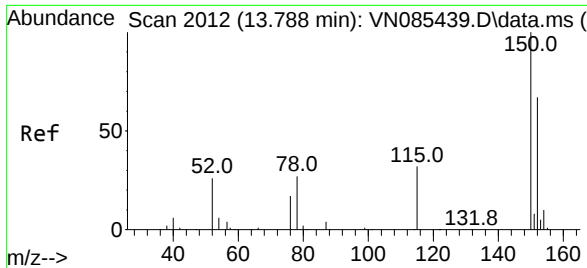
Tgt Ion: 95 Resp: 171982
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 74.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085770.D
Acq: 14 Feb 2025 14:42

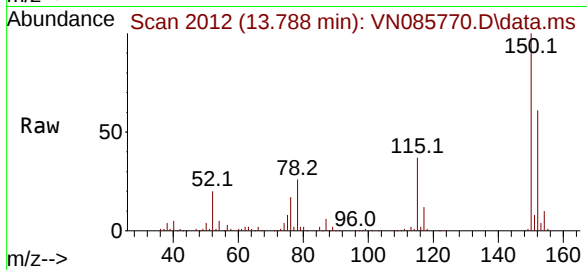
Tgt Ion: 117 Resp: 437559
Ion Ratio Lower Upper
117 100
82 55.6 48.6 72.8
119 31.4 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085770.D
 Acq: 14 Feb 2025 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166701ZHE#04



Tgt Ion:152 Resp: 150457
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.3
 150 159.5 0.0 343.6

