

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085565.D
 Acq On : 29 Jan 2025 18:18
 Operator : JC\MD
 Sample : PB166319ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#02

Quant Time: Jan 30 00:40:00 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)

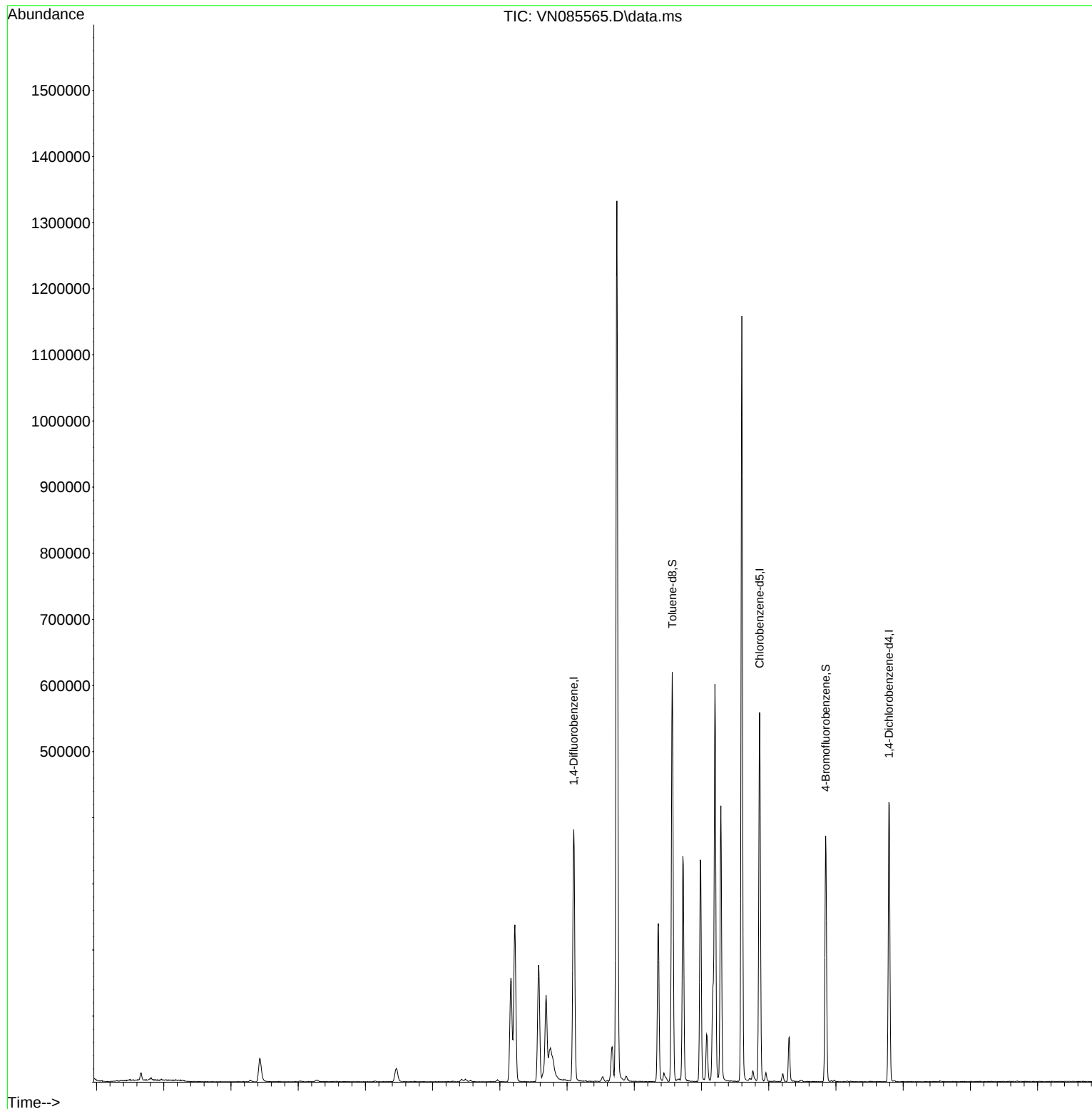
Internal Standards						
1) Pentafluorobenzene	8.224	168	156569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147609	58.405	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 116.800%		
35) Dibromofluoromethane	8.165	113	110716	50.860	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.720%		
50) Toluene-d8	10.565	98	409926	53.000	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.000%		
62) 4-Bromofluorobenzene	12.847	95	121462	45.908	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.820%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	69549	85.168	ug/l	92
25) 2-Butanone	7.489	43	6743	5.611	ug/l	97
43) Isopropyl Acetate	8.688	43	158138	32.003	ug/l #	83

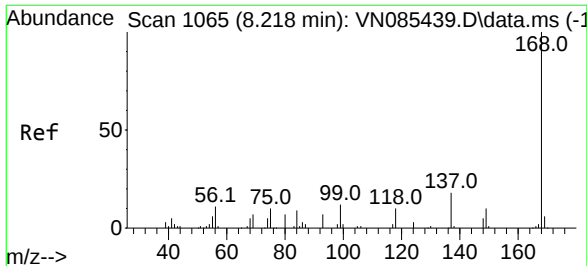
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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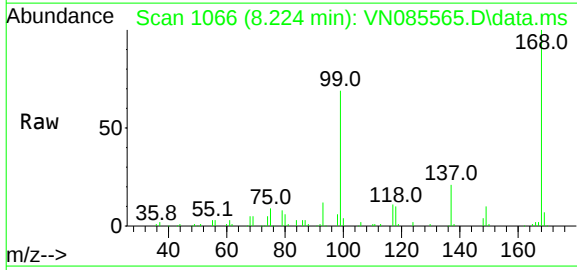
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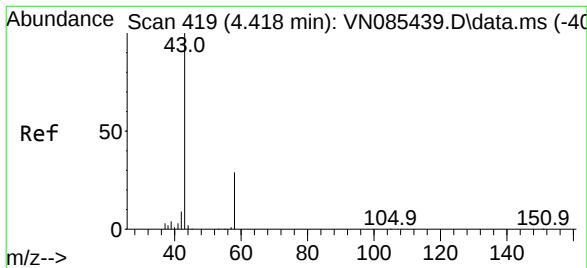
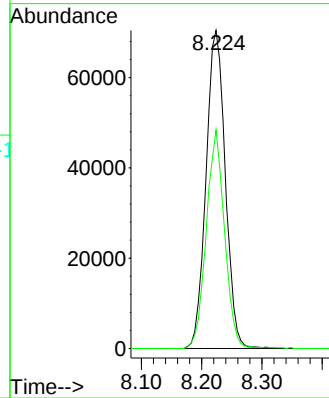
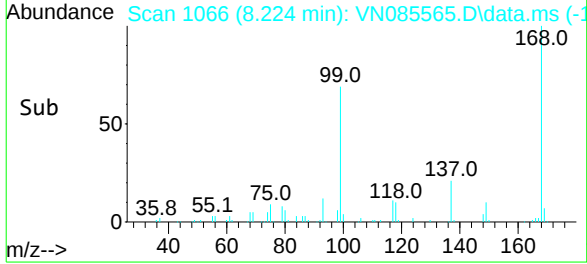


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085565.D
Acq: 29 Jan 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#02

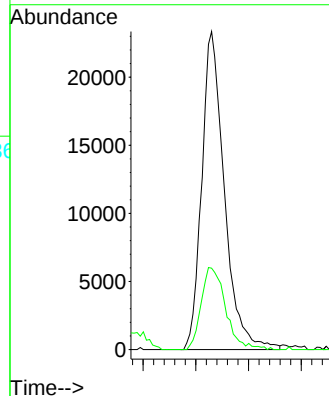
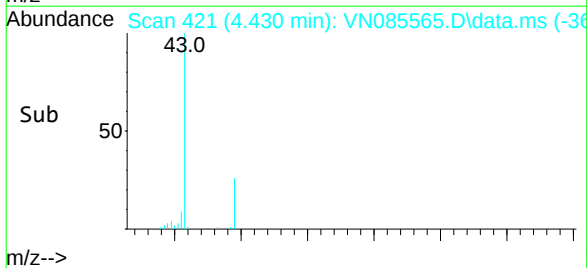
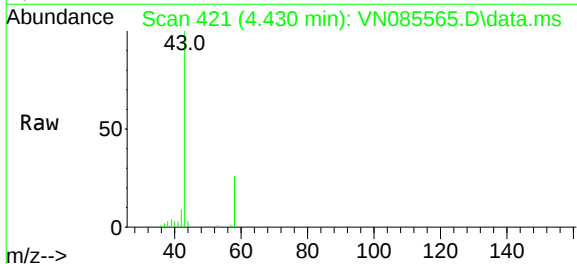


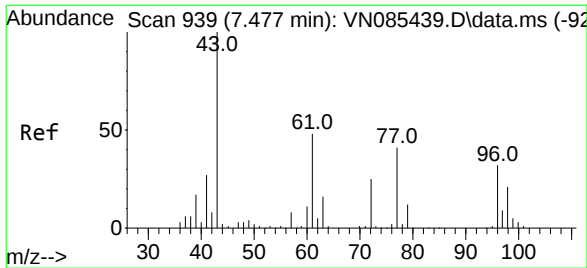
Tgt Ion:168 Resp: 156569
Ion Ratio Lower Upper
168 100
99 68.7 53.6 80.4



#16
Acetone
Concen: 85.168 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085565.D
Acq: 29 Jan 2025 18:18

Tgt Ion: 43 Resp: 69549
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6

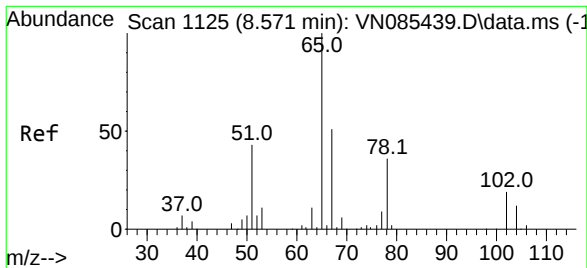
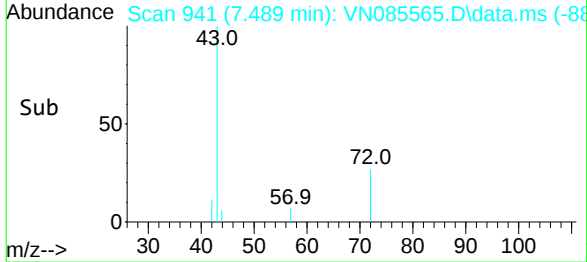
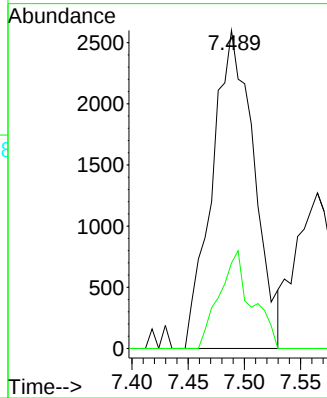
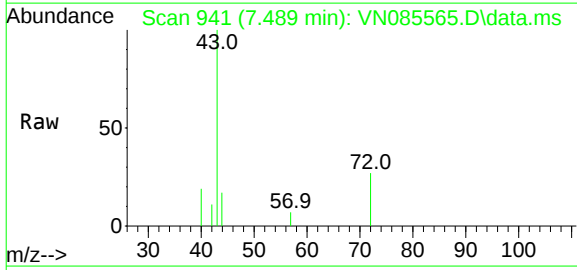




#25
2-Butanone
Concen: 5.611 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN085565.D
Acq: 29 Jan 2025 18:18

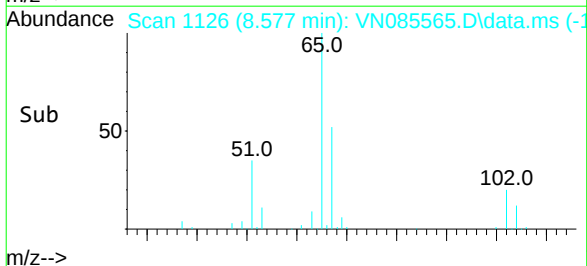
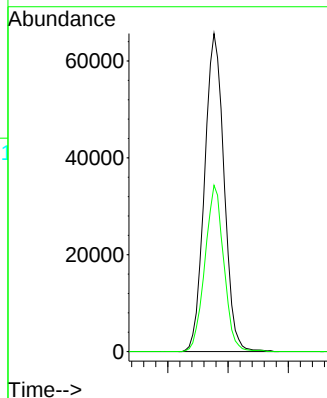
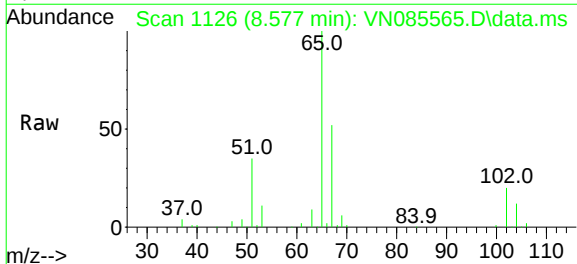
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#02

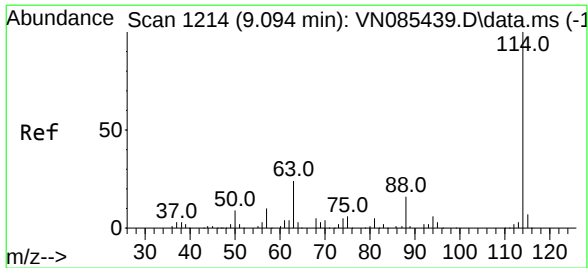
Tgt Ion: 43 Resp: 6743
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 58.405 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085565.D
Acq: 29 Jan 2025 18:18

Tgt Ion: 65 Resp: 147609
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

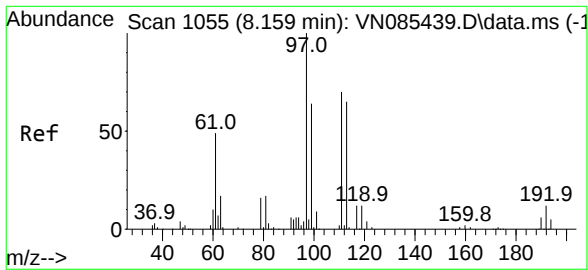
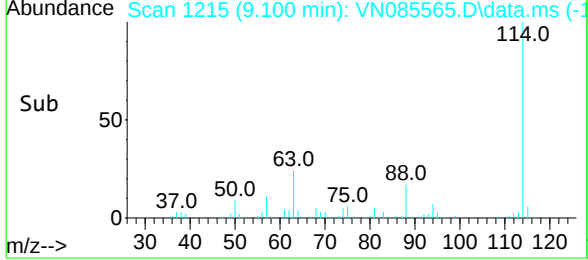
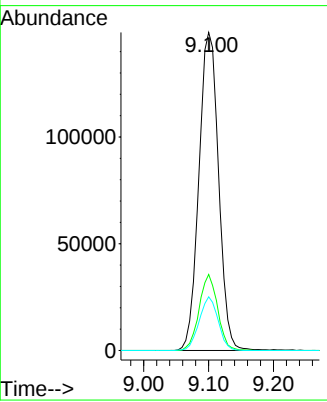
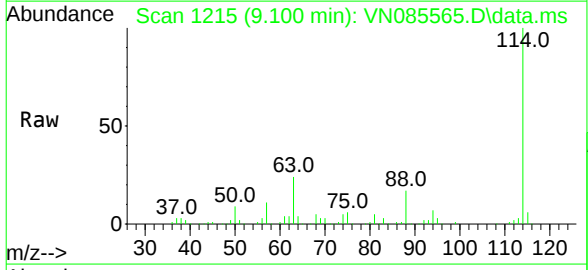




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085565.D
 Acq: 29 Jan 2025 18:18

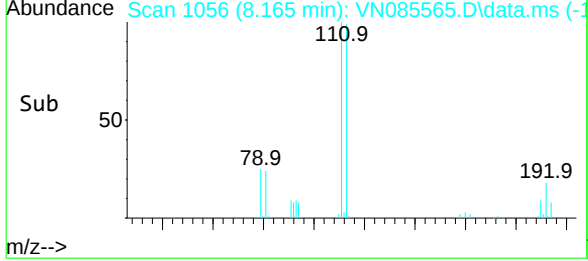
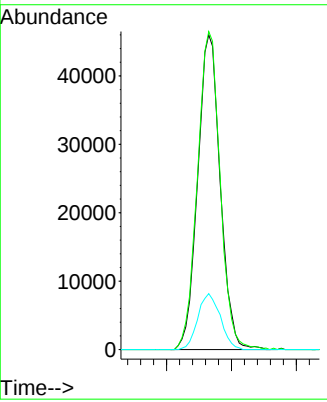
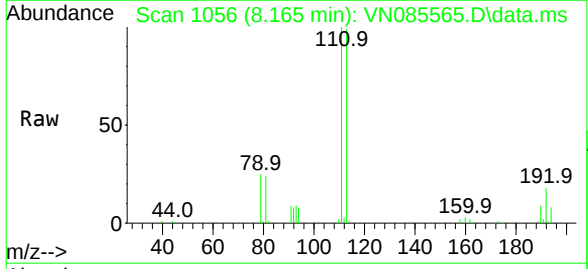
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#02

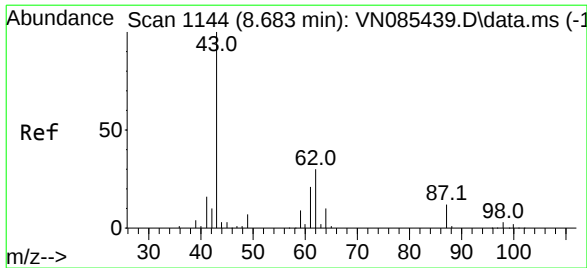
Tgt Ion:	114	Resp:	313782
Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	47.6
88	16.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.860 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085565.D
 Acq: 29 Jan 2025 18:18

Tgt Ion:	113	Resp:	110716
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	17.8	14.3	21.5





#43

Isopropyl Acetate

Concen: 32.003 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085565.D

Acq: 29 Jan 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#02

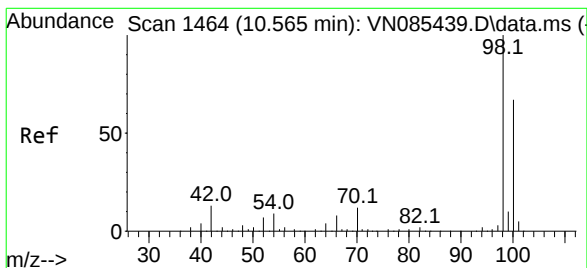
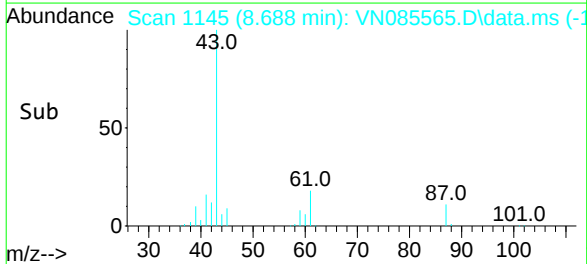
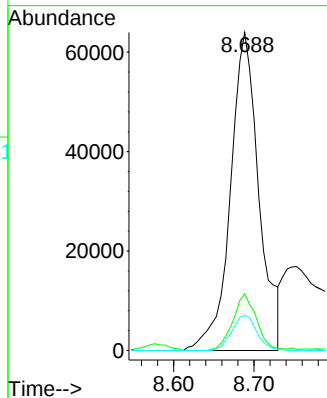
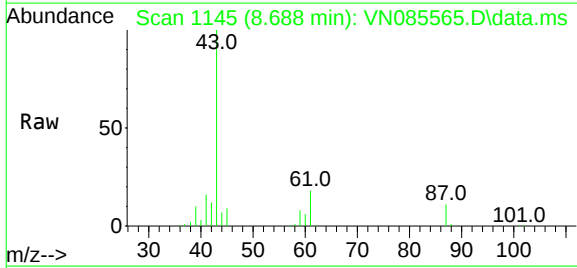
Tgt Ion: 43 Resp: 158138

Ion Ratio Lower Upper

43 100

61 14.8 20.7 31.1#

87 9.6 9.8 14.8#



#50

Toluene-d8

Concen: 53.000 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085565.D

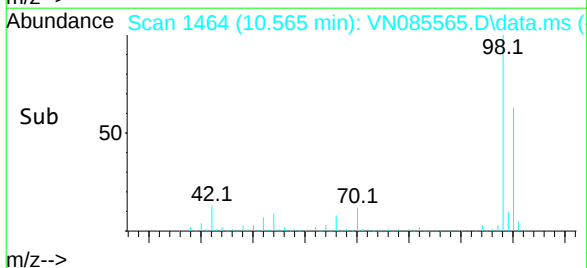
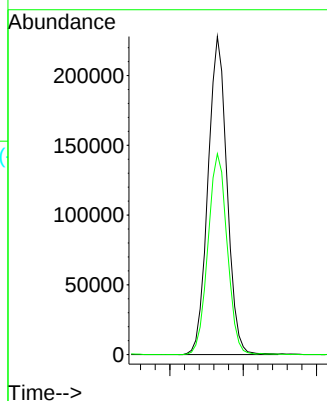
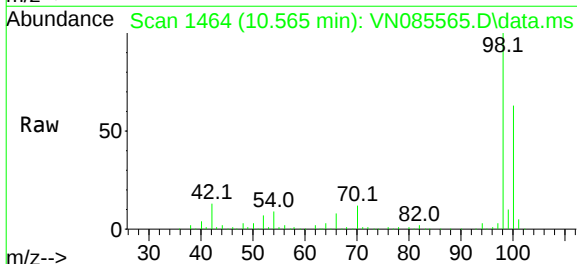
Acq: 29 Jan 2025 18:18

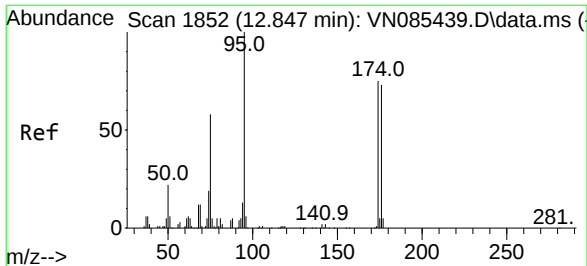
Tgt Ion: 98 Resp: 409926

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.908 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085565.D

Acq: 29 Jan 2025 18:18

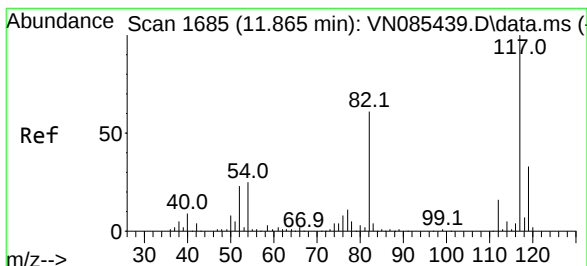
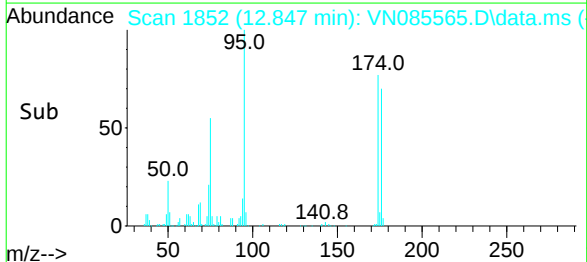
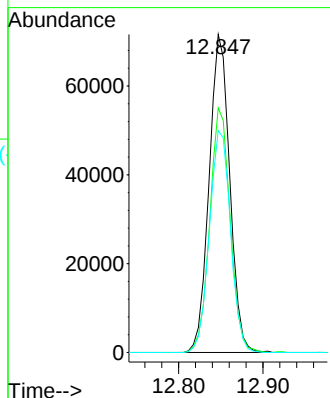
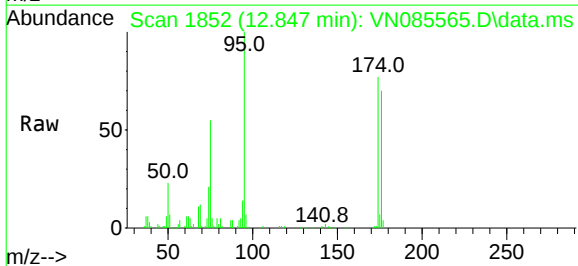
Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#02

Tgt Ion:	95	Resp:	121462
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	145.0
176	71.6	0.0	142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

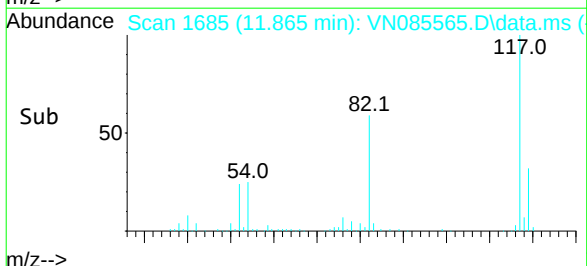
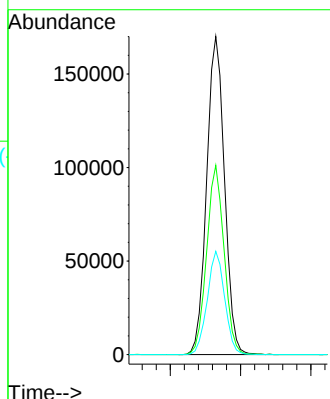
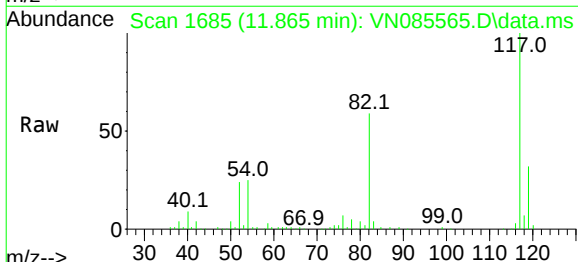
RT: 11.865 min Scan# 1685

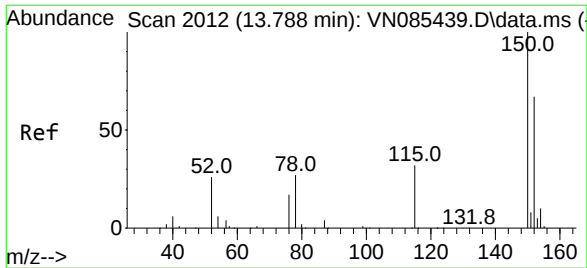
Delta R.T. 0.000 min

Lab File: VN085565.D

Acq: 29 Jan 2025 18:18

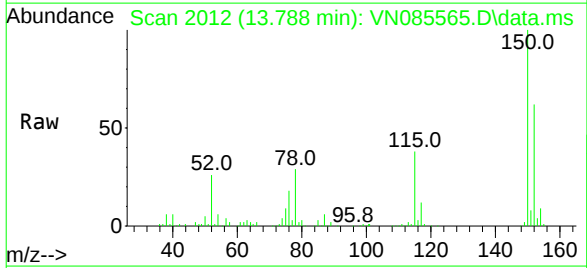
Tgt Ion:	117	Resp:	299491
Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.6	72.8
119	32.5	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085565.D
 Acq: 29 Jan 2025 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#02



Tgt Ion:	152	Resp:	110166
Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.1	93.3
150	155.7	0.0	343.6

