

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
 Data File : VN085566.D
 Acq On : 29 Jan 2025 18:42
 Operator : JC\MD
 Sample : PB166319ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#03

Quant Time: Jan 30 00:40:27 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)

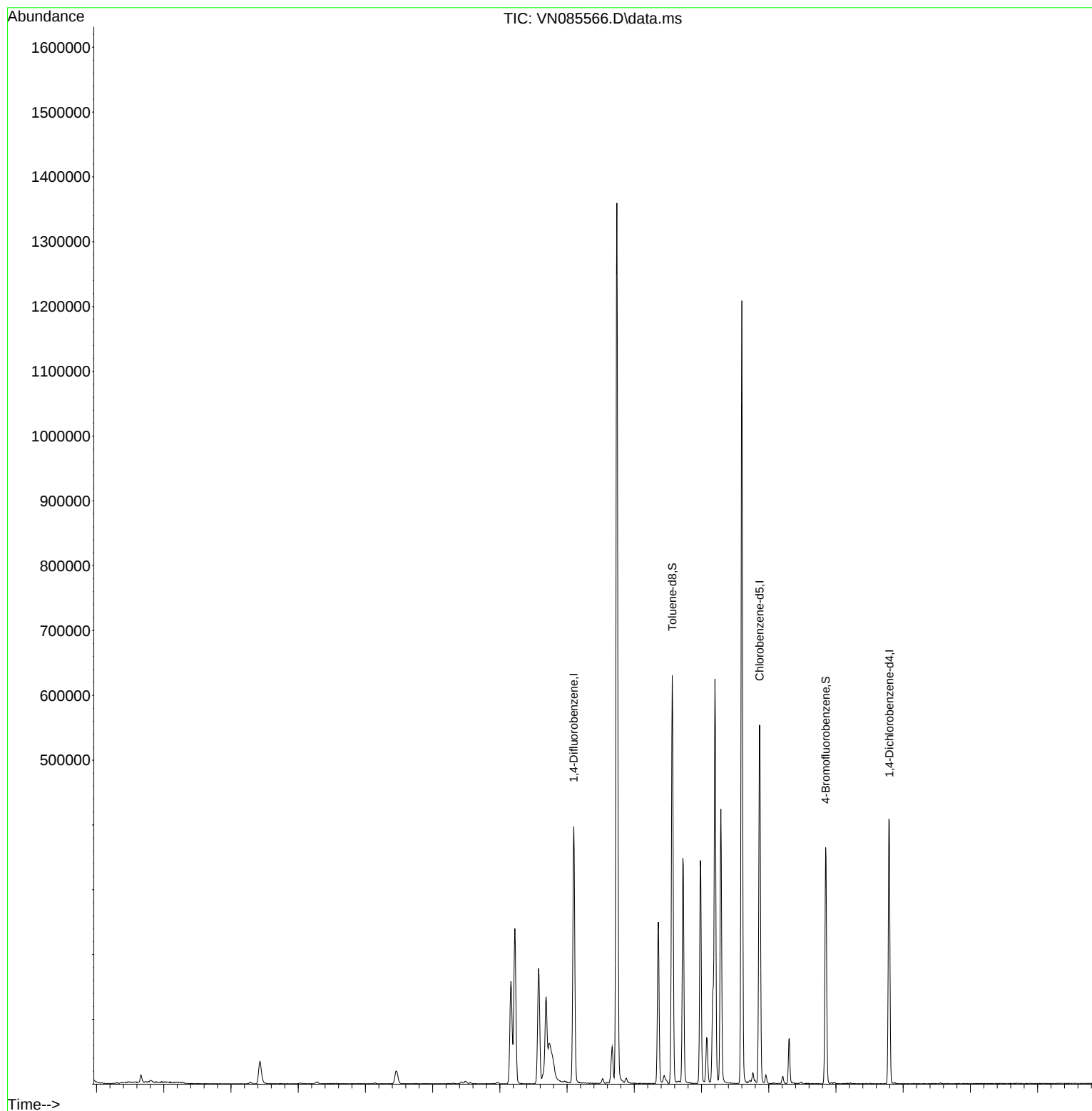
Internal Standards						
1) Pentafluorobenzene	8.224	168	156637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149503	59.128	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.260%	
35) Dibromofluoromethane	8.165	113	110460	49.648	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.300%	
50) Toluene-d8	10.565	98	412505	52.184	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	104.360%	
62) 4-Bromofluorobenzene	12.847	95	121729	45.017	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	68821	84.240	ug/l	99
25) 2-Butanone	7.494	43	7151	5.948	ug/l	99
43) Isopropyl Acetate	8.688	43	166810	33.030	ug/l #	82

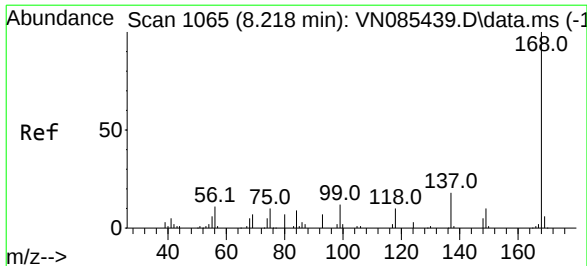
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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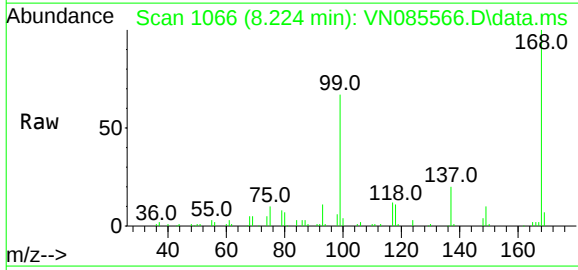
Quant Time: Jan 30 00:40:27 2025
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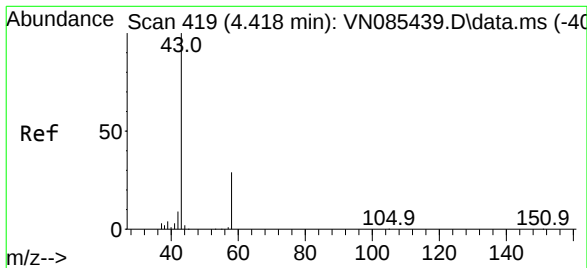
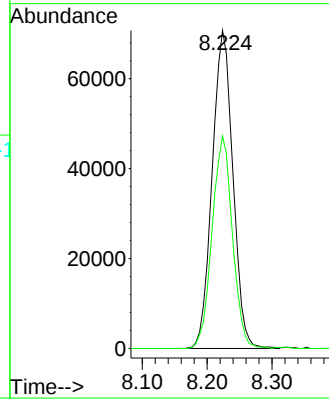
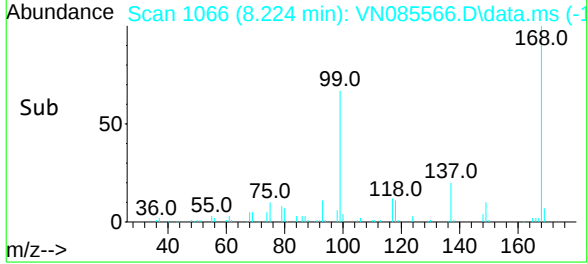


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#03

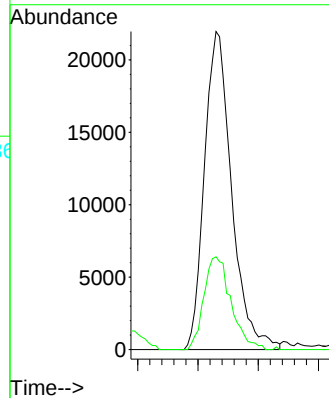
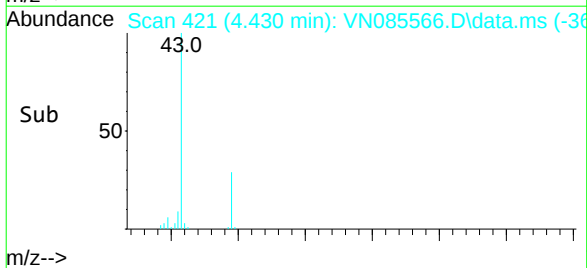
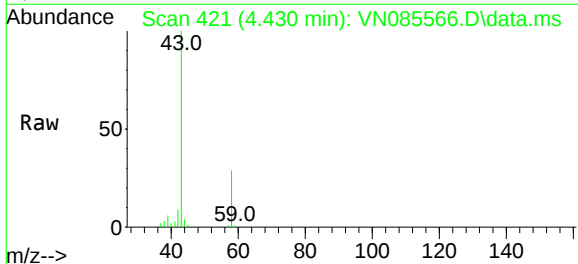


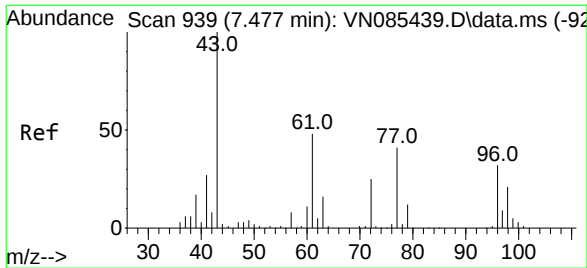
Tgt Ion:168 Resp: 156637
Ion Ratio Lower Upper
168 100
99 66.8 53.6 80.4



#16
Acetone
Concen: 84.240 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 43 Resp: 68821
Ion Ratio Lower Upper
43 100
58 29.2 23.8 35.6

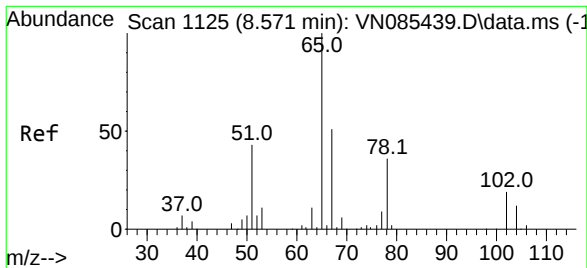
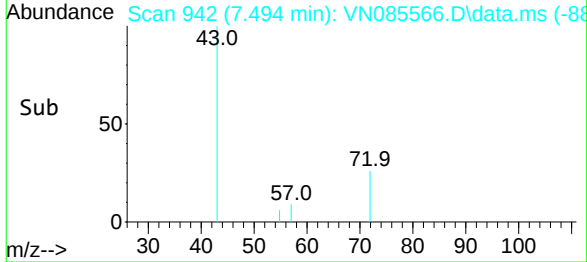
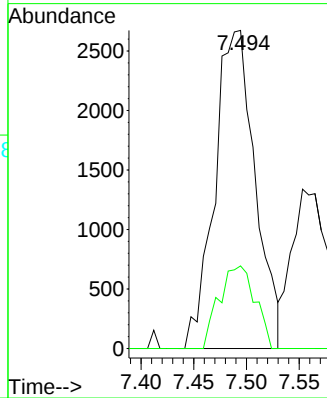
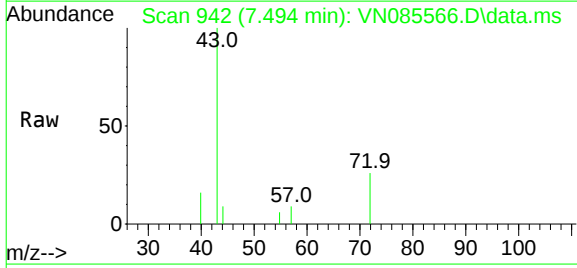




#25
2-Butanone
Concen: 5.948 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.018 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

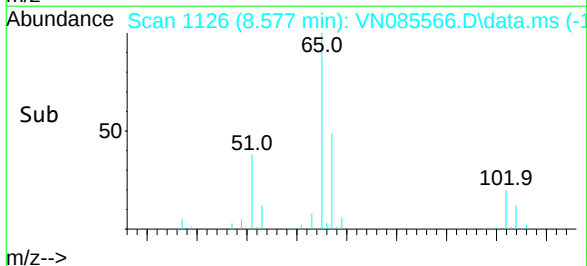
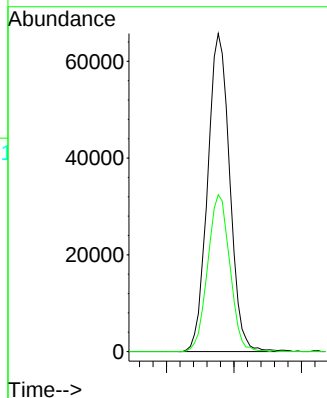
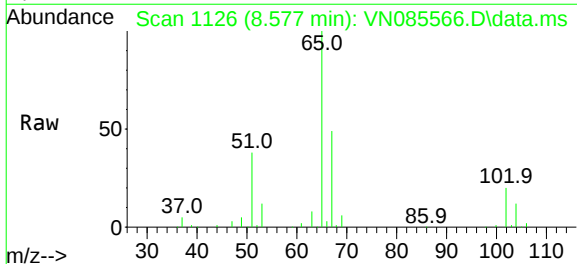
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#03

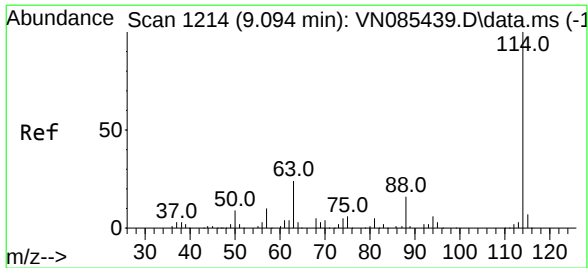
Tgt Ion: 43 Resp: 7151
Ion Ratio Lower Upper
43 100
72 26.0 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 59.128 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion: 65 Resp: 149503
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.6

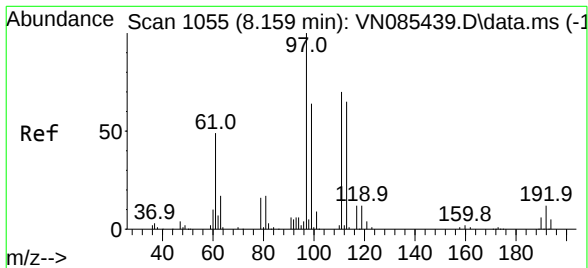
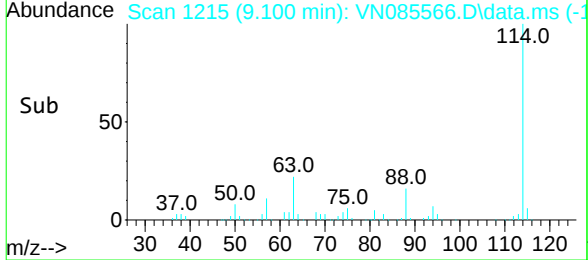
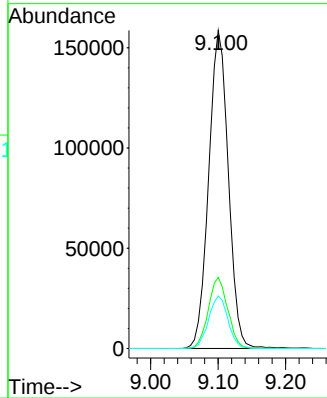
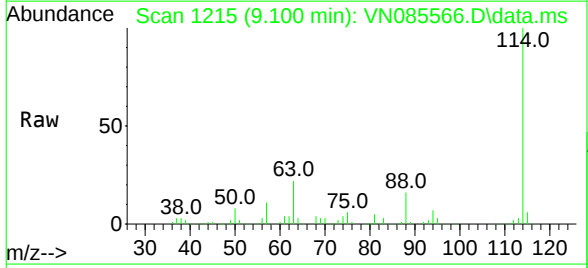




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

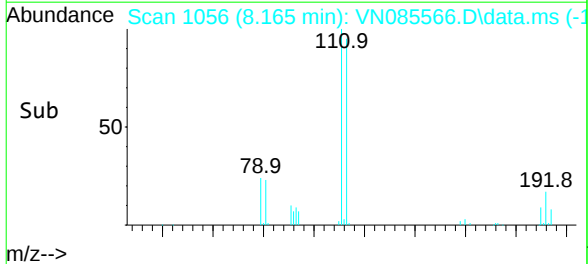
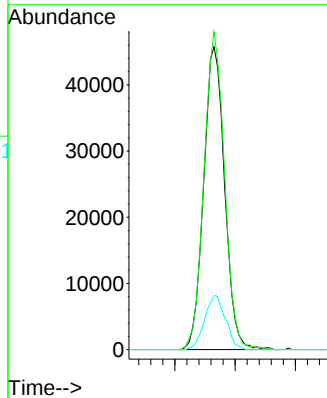
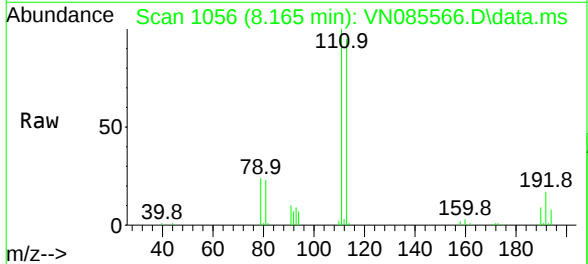
Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#03

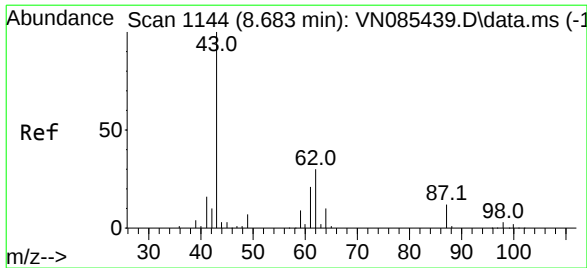
Tgt Ion:	114	Resp:	320698
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	16.5	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085566.D
Acq: 29 Jan 2025 18:42

Tgt Ion:	113	Resp:	110460
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	17.8	14.3	21.5





#43

Isopropyl Acetate

Concen: 33.030 ug/l

RT: 8.688 min Scan# 1144

Delta R.T. 0.006 min

Lab File: VN085566.D

Acq: 29 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#03

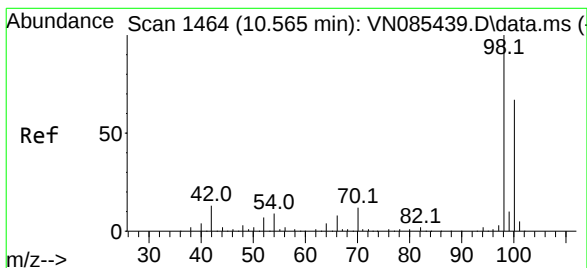
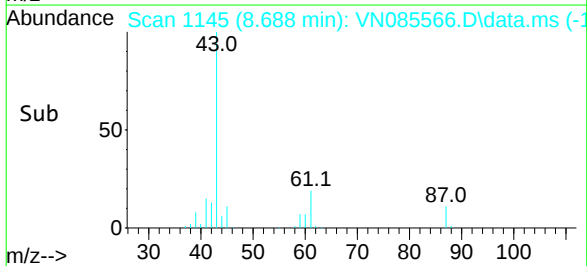
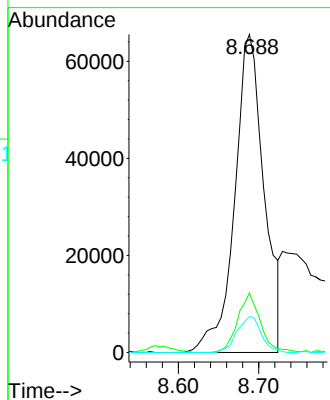
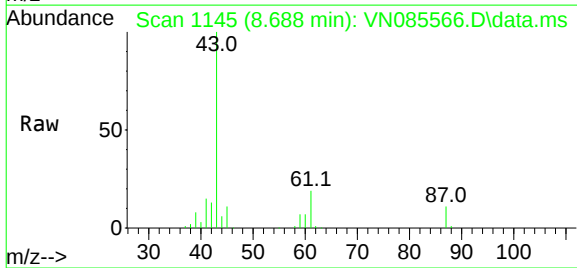
Tgt Ion: 43 Resp: 166810

Ion Ratio Lower Upper

43 100

61 14.6 20.7 31.1#

87 9.2 9.8 14.8#



#50

Toluene-d8

Concen: 52.184 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085566.D

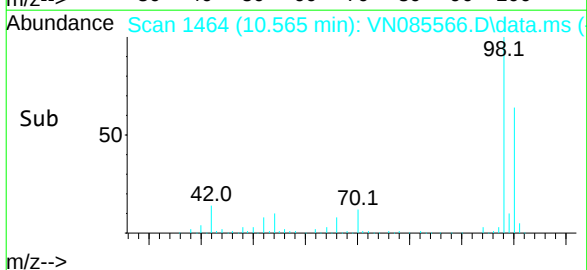
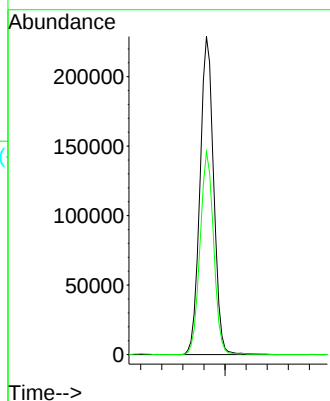
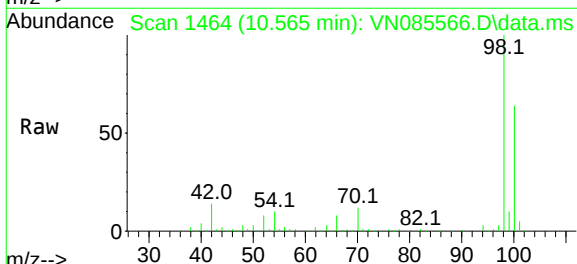
Acq: 29 Jan 2025 18:42

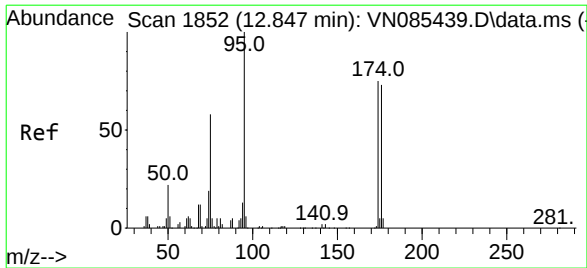
Tgt Ion: 98 Resp: 412505

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 45.017 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085566.D

Acq: 29 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB166319ZHE#03

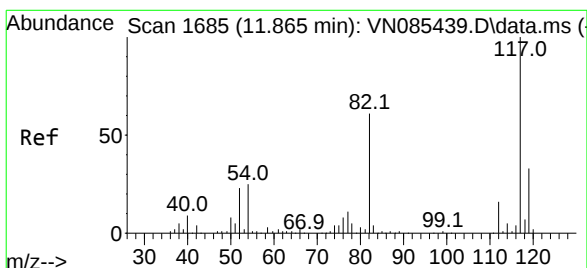
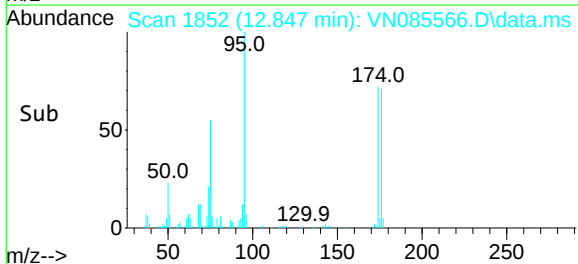
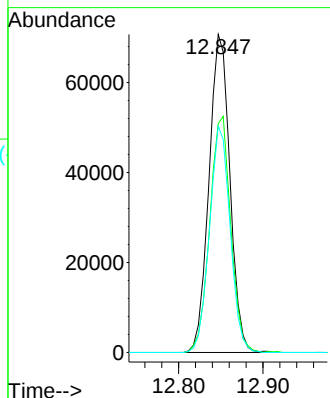
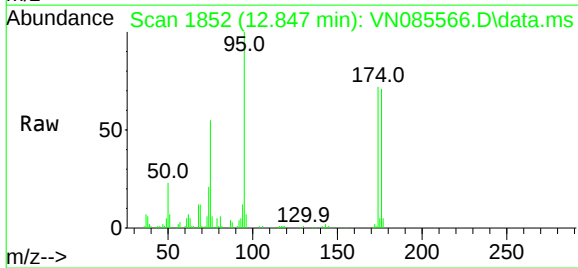
Tgt Ion: 95 Resp: 121729

Ion Ratio Lower Upper

95 100

174 74.9 0.0 145.0

176 70.3 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: VN085566.D

Acq: 29 Jan 2025 18:42

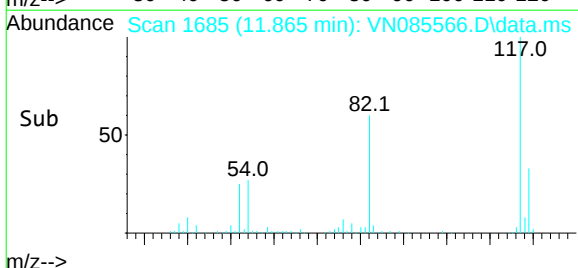
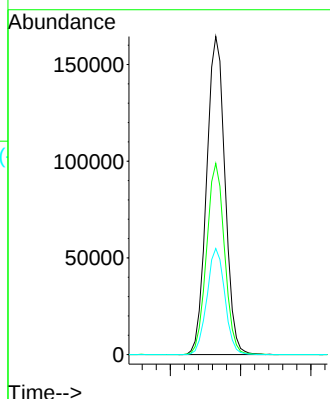
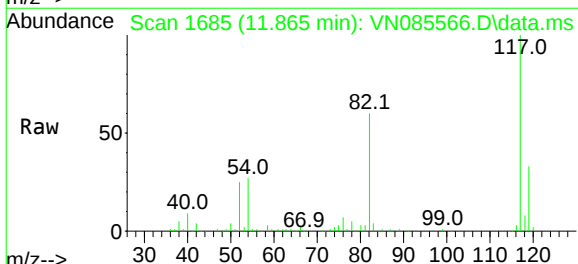
Tgt Ion: 117 Resp: 299378

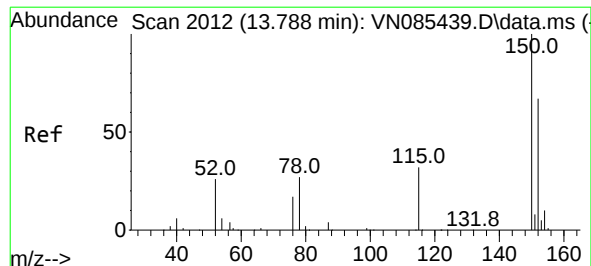
Ion Ratio Lower Upper

117 100

82 60.1 48.6 72.8

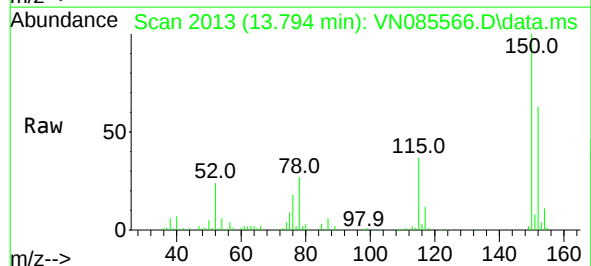
119 33.4 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085566.D
 Acq: 29 Jan 2025 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166319ZHE#03



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.1	93.3
150	158.8	0.0	343.6

