

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085406.D
 Acq On : 09 Jan 2025 14:04
 Operator : JC\MD
 Sample : Q1032-01 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50492

Quant Time: Jan 10 00:19:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

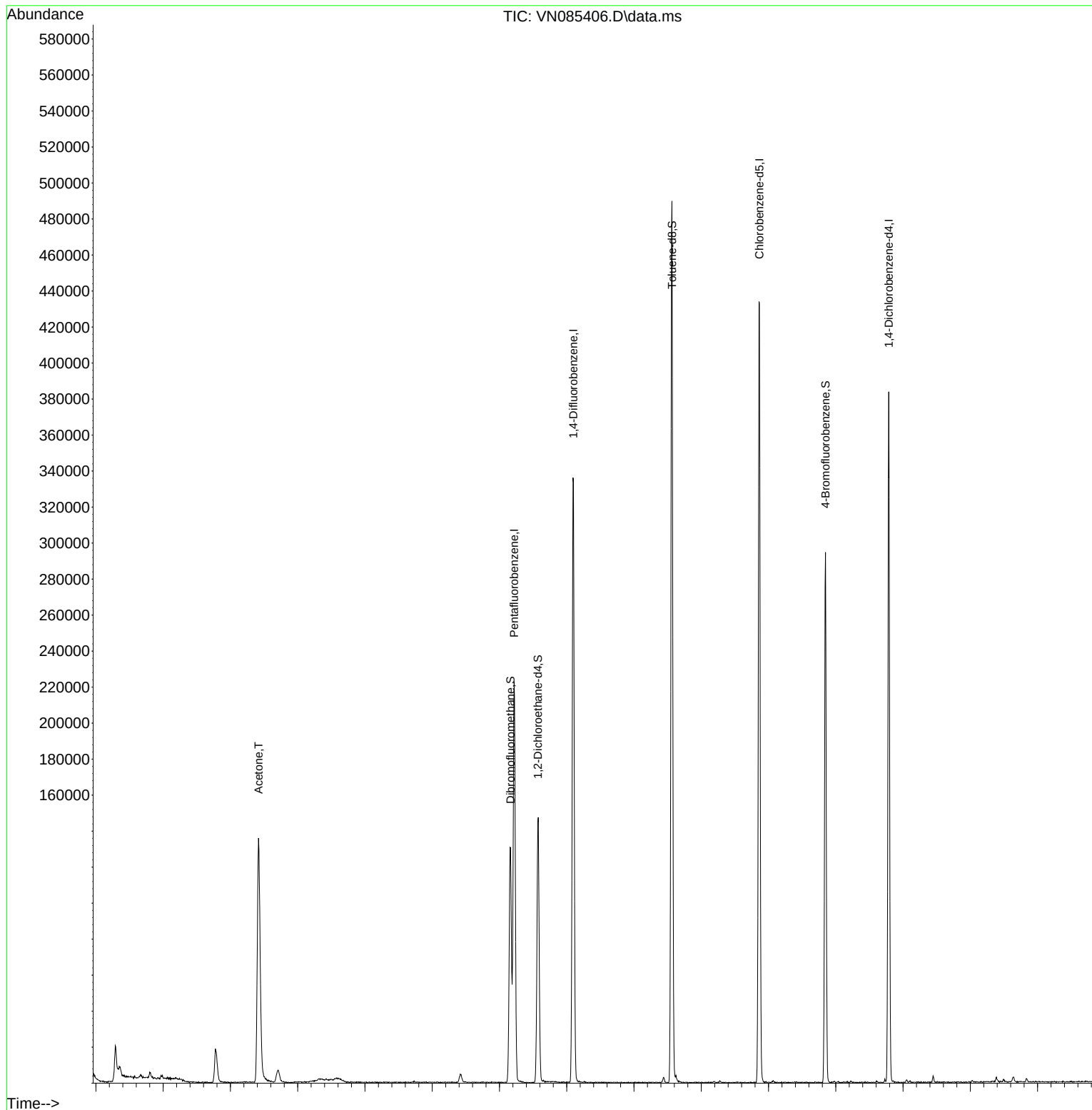
Internal Standards						
1) Pentafluorobenzene	8.218	168	154477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	122306	55.511	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.020%	
35) Dibromofluoromethane	8.165	113	94905	53.671	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.340%	
50) Toluene-d8	10.565	98	333203	51.350	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.700%	
62) 4-Bromofluorobenzene	12.847	95	99034	45.955	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.920%	
Target Compounds						
16) Acetone	4.418	43	255738	352.986	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	2210	0.928	ug/l	91

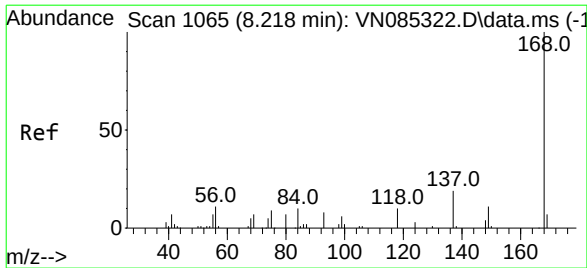
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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50492

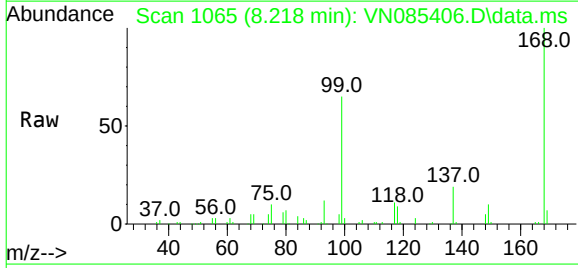
Quant Time: Jan 10 00:19:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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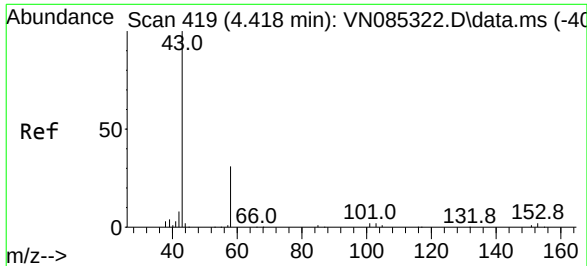
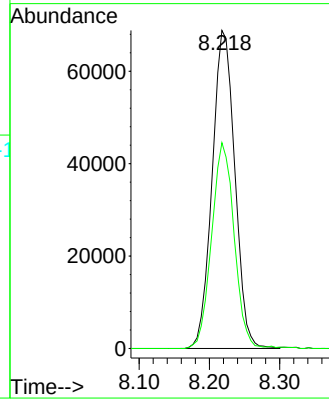
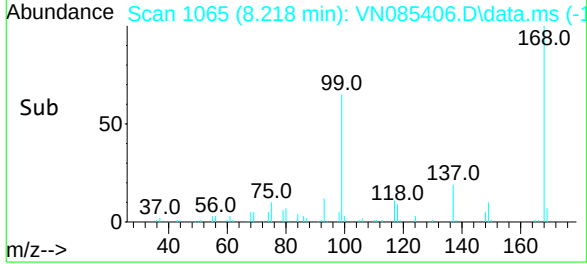


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
50492

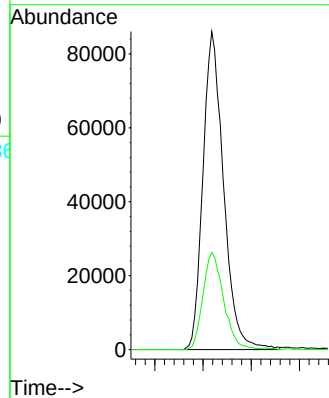
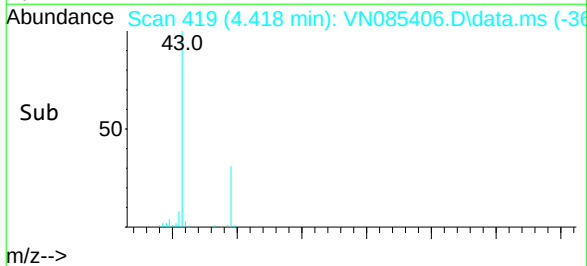
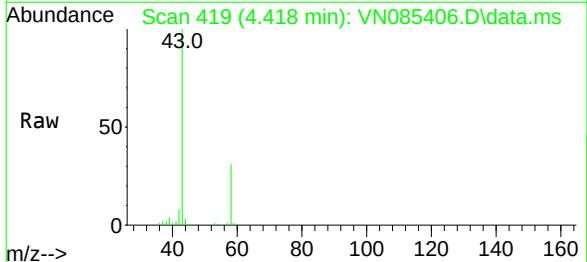


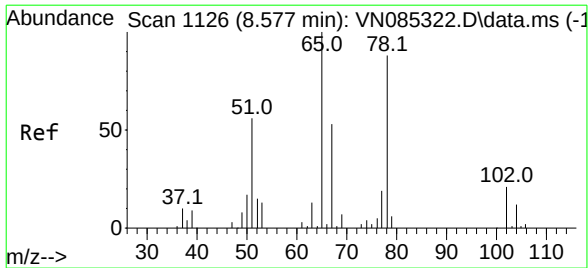
Tgt Ion:168 Resp: 154477
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.4



#16
Acetone
Concen: 352.986 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

Tgt Ion: 43 Resp: 255738
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7

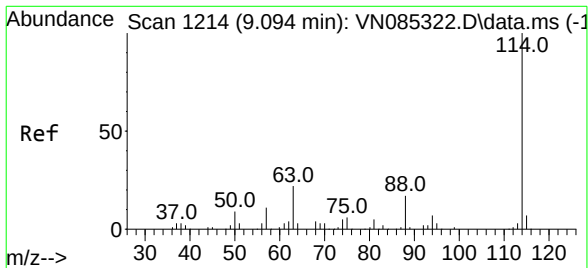
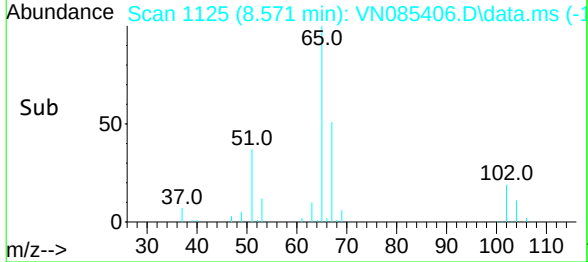
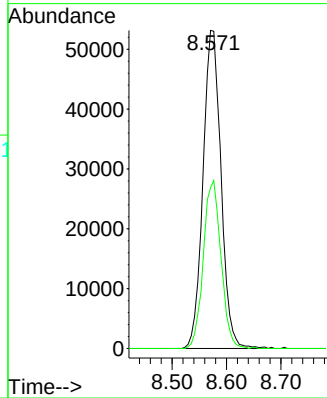
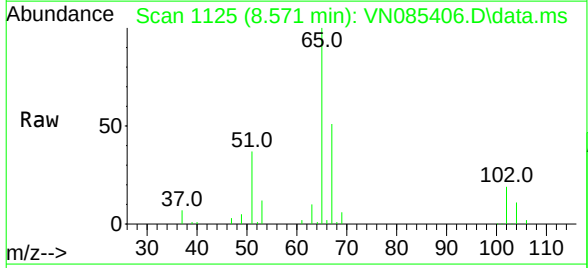




#33
1,2-Dichloroethane-d4
Concen: 55.511 ug/l
RT: 8.571 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

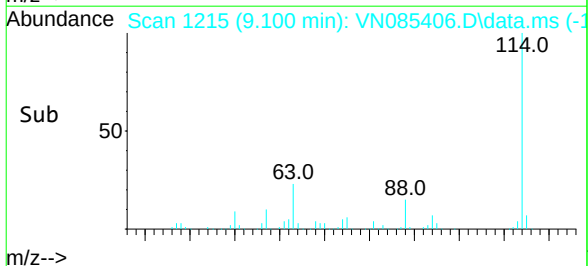
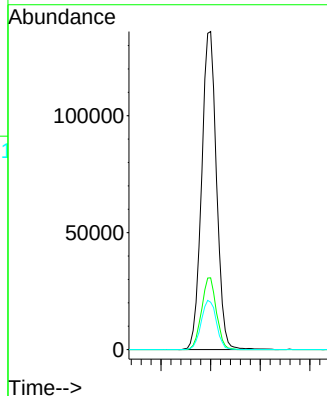
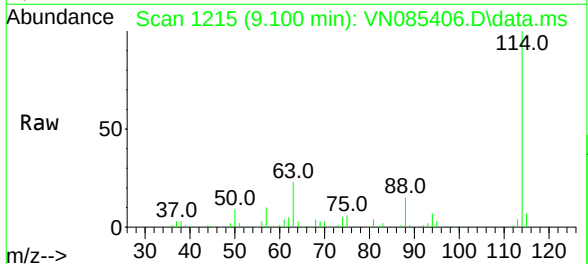
Instrument :
MSVOA_N
ClientSampleId :
50492

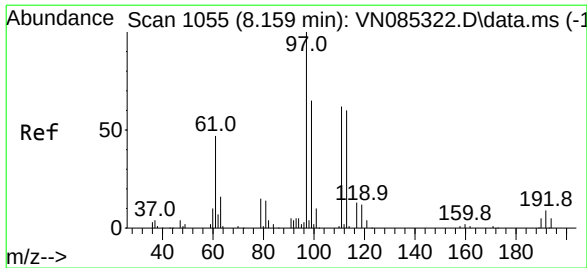
Tgt Ion: 65 Resp: 122306
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

Tgt Ion: 114 Resp: 283446
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 14.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.671 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085406.D

Acq: 09 Jan 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

50492

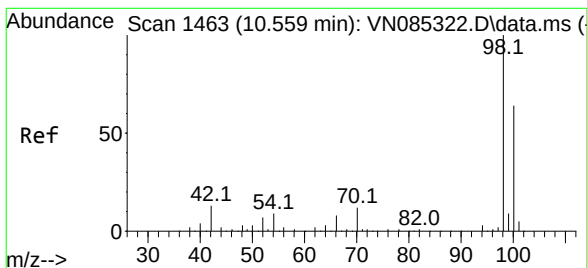
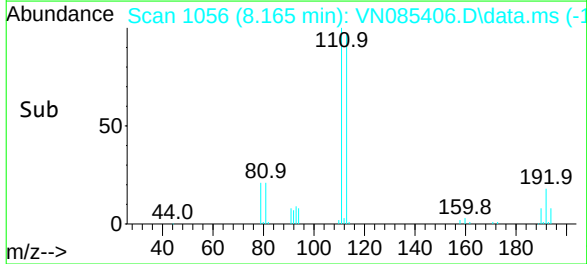
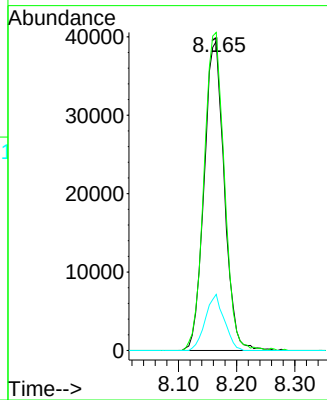
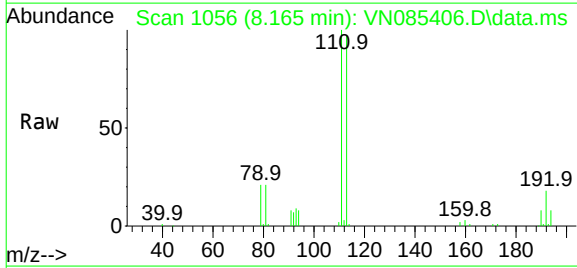
Tgt Ion:113 Resp: 94905

Ion Ratio Lower Upper

113 100

111 103.7 80.5 120.7

192 17.0 12.9 19.3



#50

Toluene-d8

Concen: 51.350 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085406.D

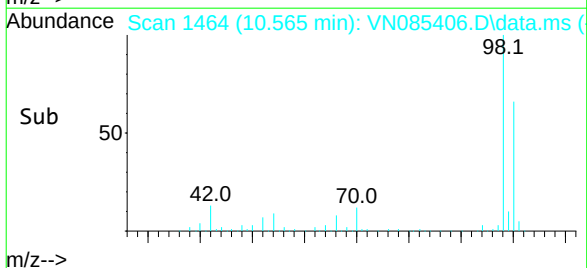
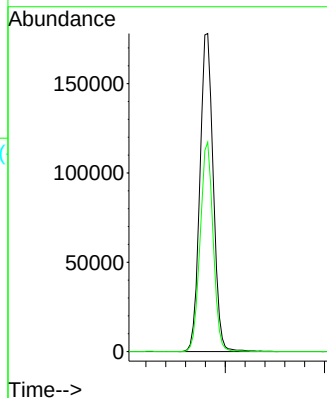
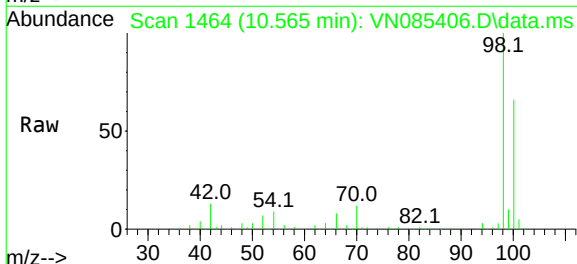
Acq: 09 Jan 2025 14:04

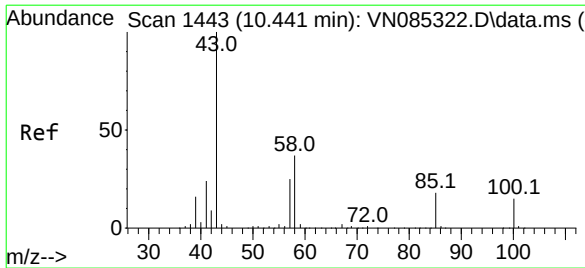
Tgt Ion: 98 Resp: 333203

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3

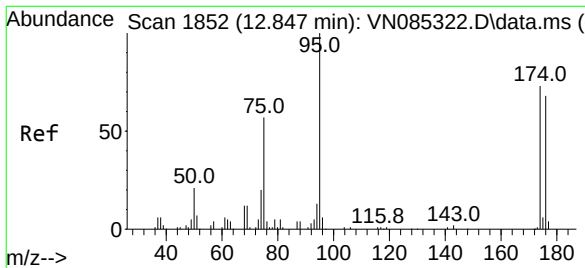
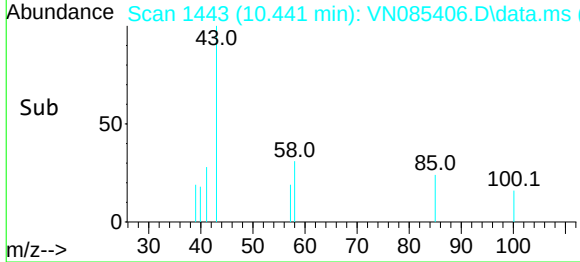
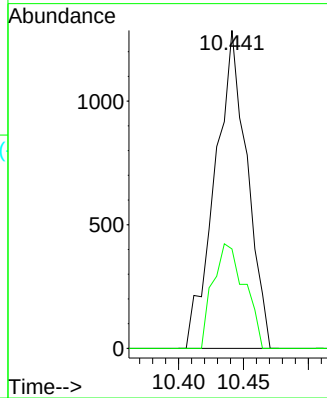
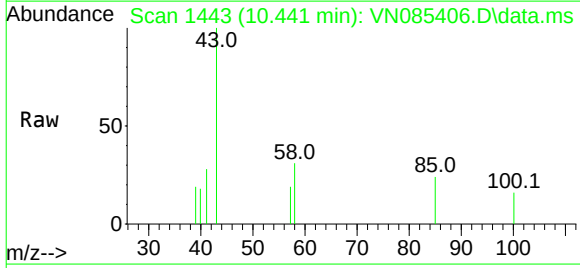




#51
4-Methyl-2-Pentanone
Concen: 0.928 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

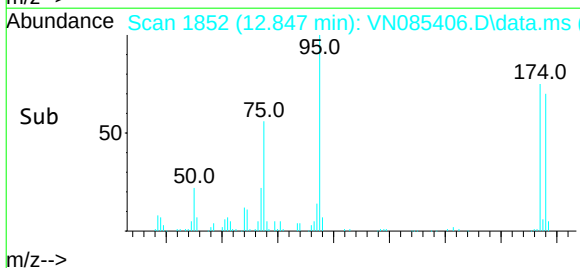
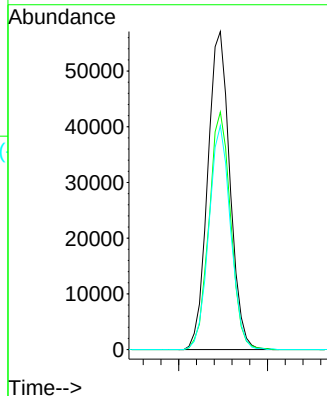
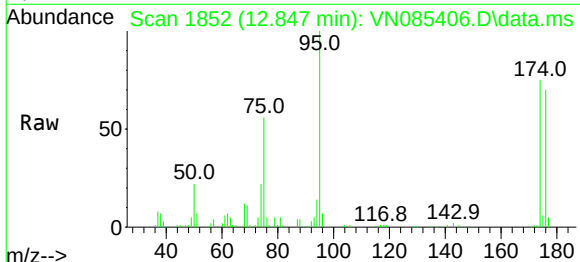
Instrument :
MSVOA_N
ClientSampleId :
50492

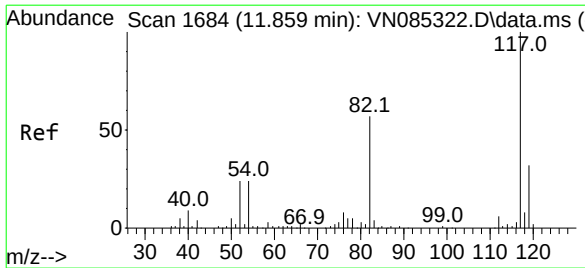
Tgt Ion: 43 Resp: 2210
Ion Ratio Lower Upper
43 100
58 32.5 30.3 45.5



#62
4-Bromofluorobenzene
Concen: 45.955 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085406.D
Acq: 09 Jan 2025 14:04

Tgt Ion: 95 Resp: 99034
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.2
176 68.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085406.D

Acq: 09 Jan 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

50492

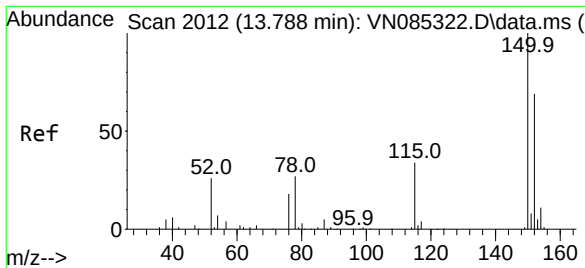
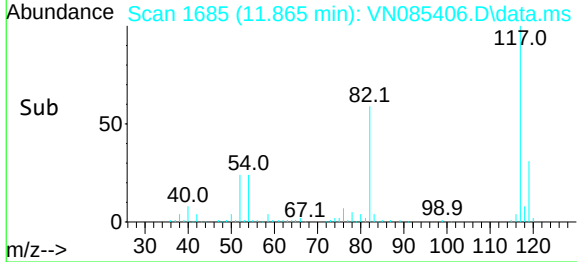
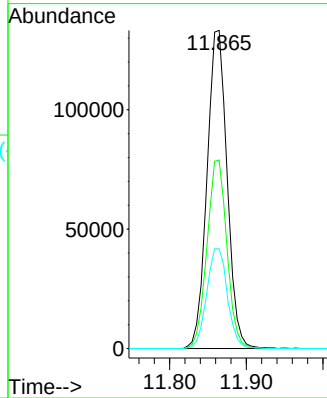
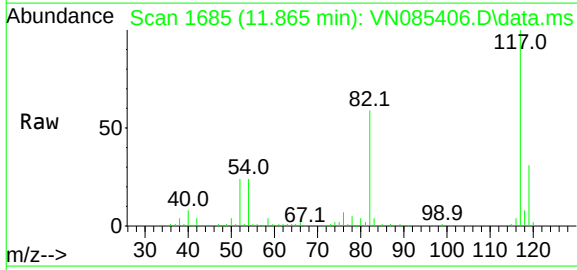
Tgt Ion:117 Resp: 242401

Ion Ratio Lower Upper

117 100

82 59.3 45.7 68.5

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085406.D

Acq: 09 Jan 2025 14:04

Tgt Ion:152 Resp: 95147

Ion Ratio Lower Upper

152 100

115 63.1 30.4 91.3

150 158.4 0.0 345.0

