

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085703.D
 Acq On : 07 Feb 2025 17:53
 Operator : JC\MD
 Sample : PB166592ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#05

Quant Time: Feb 07 22:34:32 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)

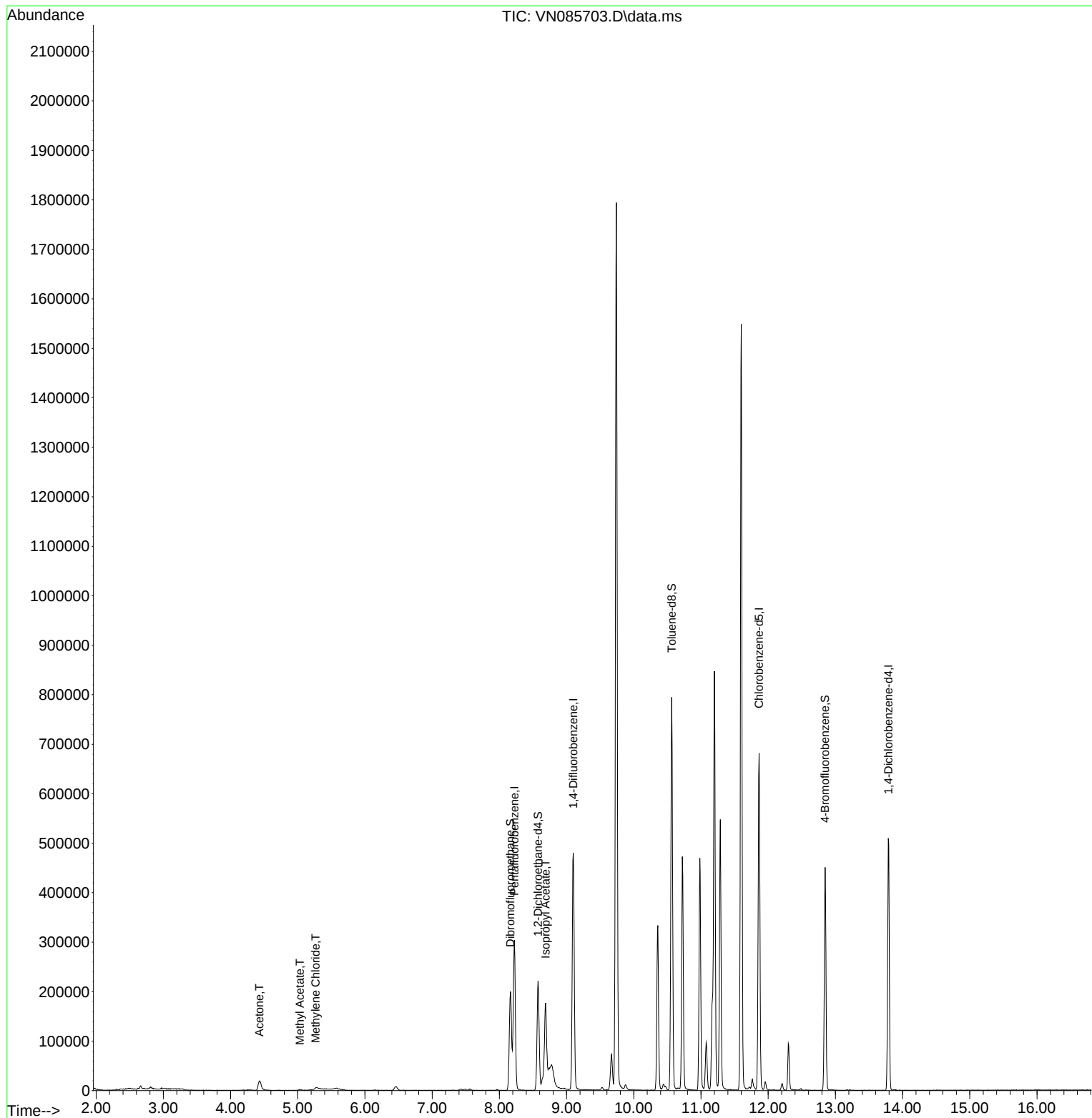
Internal Standards						
1) Pentafluorobenzene	8.224	168	207629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	420215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177601	52.991	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.980%
35) Dibromofluoromethane	8.165	113	145365	49.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.720%
50) Toluene-d8	10.565	98	540827	52.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.420%
62) 4-Bromofluorobenzene	12.847	95	153121	43.216	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.440%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	38288	35.356	ug/l	94
18) Methyl Acetate	5.030	43	3501	1.063	ug/l	92
20) Methylene Chloride	5.265	84	3272	1.221	ug/l #	78
43) Isopropyl Acetate	8.688	43	218536	33.025	ug/l #	85

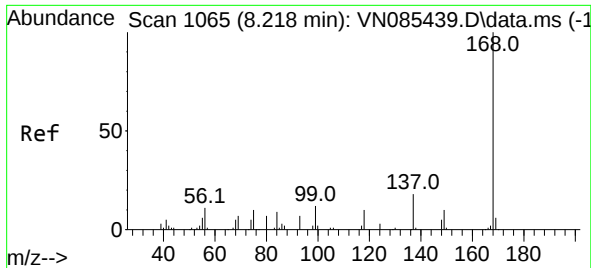
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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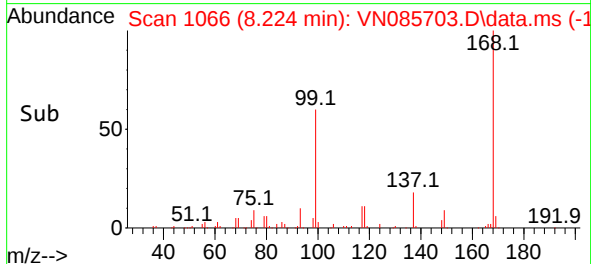
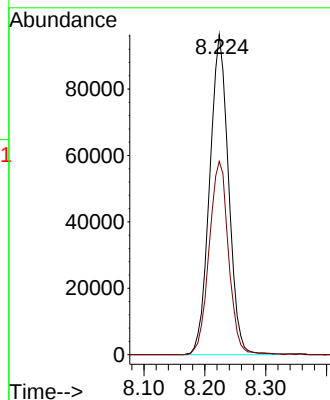
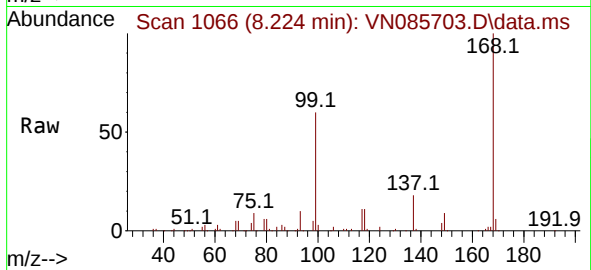




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

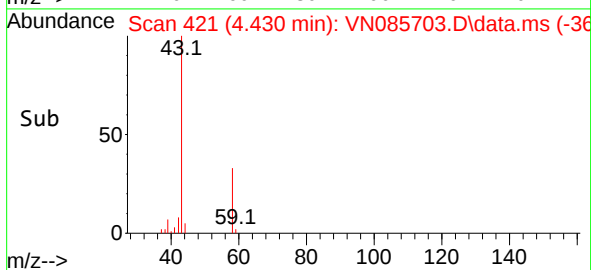
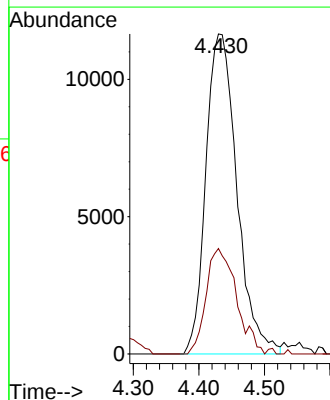
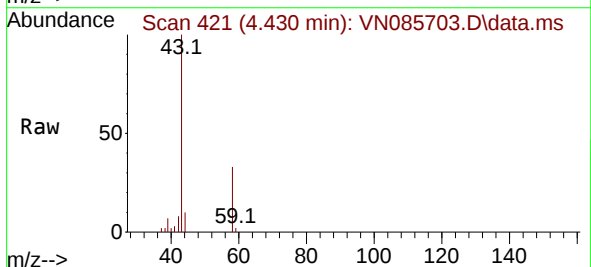
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#05

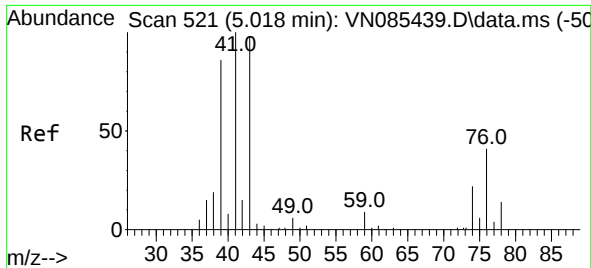
Tgt Ion:168 Resp: 207629
Ion Ratio Lower Upper
168 100
99 60.4 53.6 80.4



#16
Acetone
Concen: 35.356 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

Tgt Ion: 43 Resp: 38288
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6

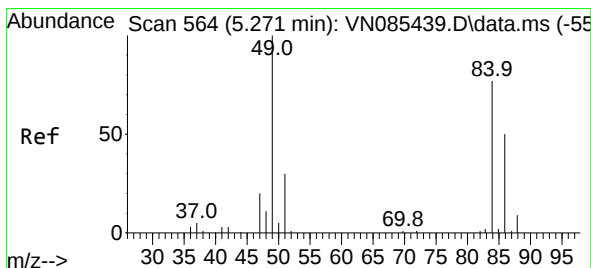
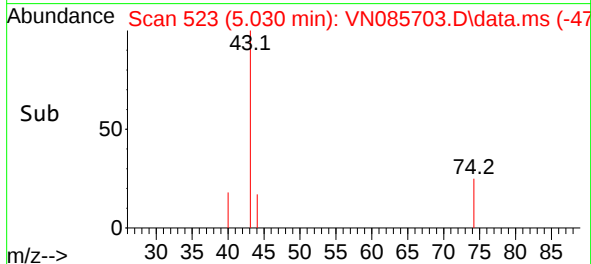
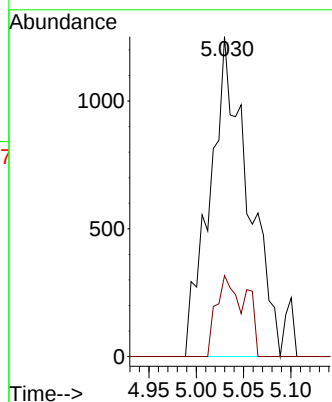
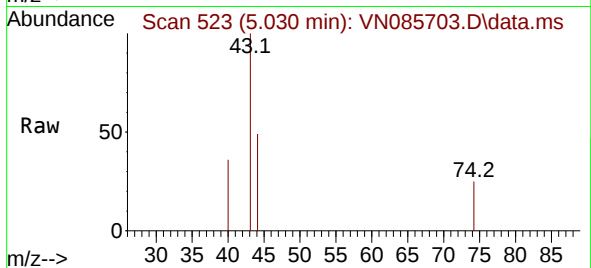




#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

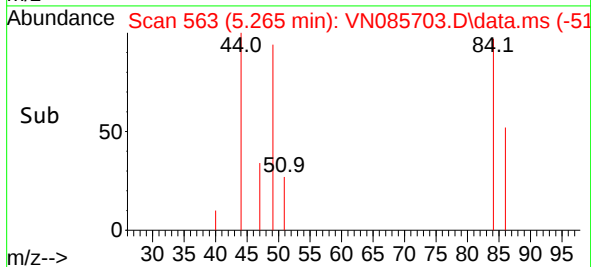
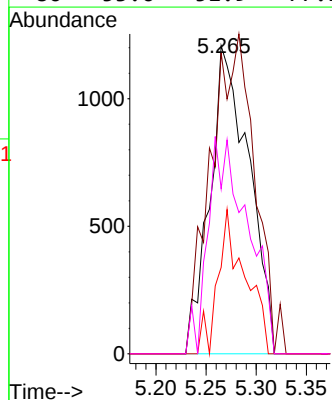
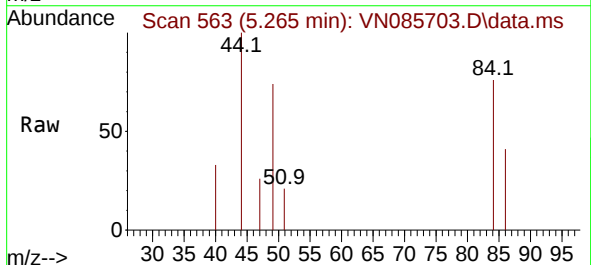
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#05

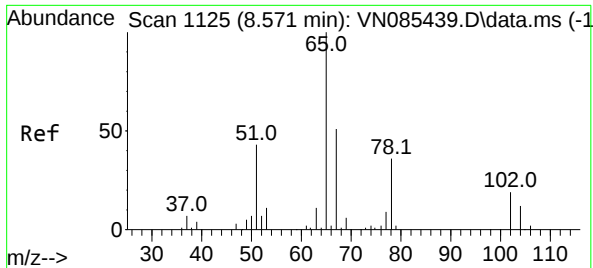
Tgt Ion: 43 Resp: 3501
Ion Ratio Lower Upper
43 100
74 19.3 18.6 28.0



#20
Methylene Chloride
Concen: 1.221 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

Tgt Ion: 84 Resp: 3272
Ion Ratio Lower Upper
84 100
49 97.7 104.1 156.1#
51 28.1 31.0 46.4#
86 53.6 51.9 77.9

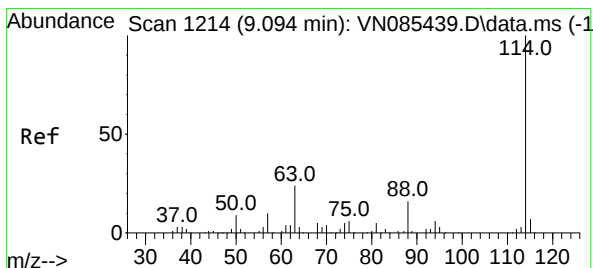
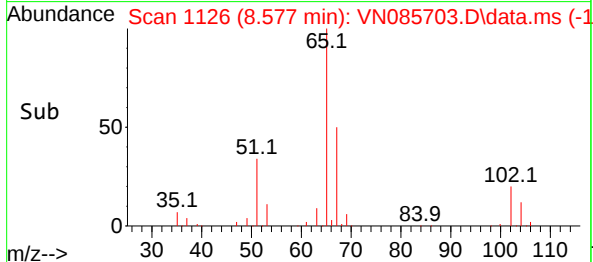
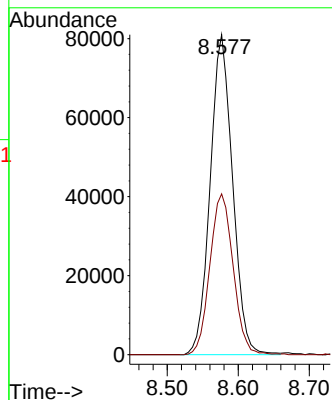
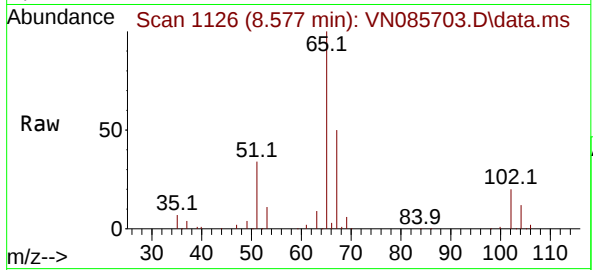




#33
 1,2-Dichloroethane-d4
 Concen: 52.991 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085703.D
 Acq: 07 Feb 2025 17:53

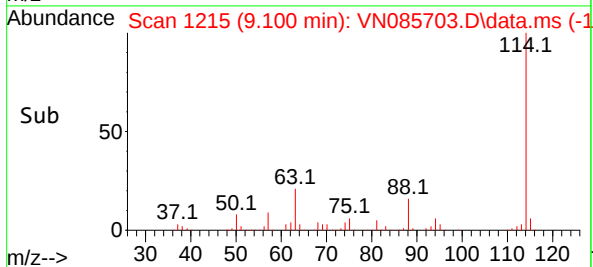
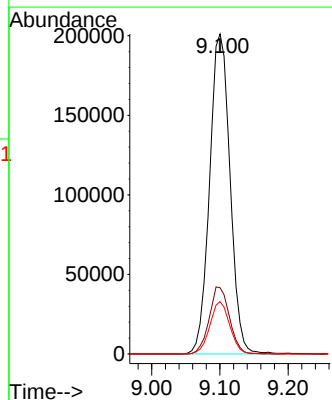
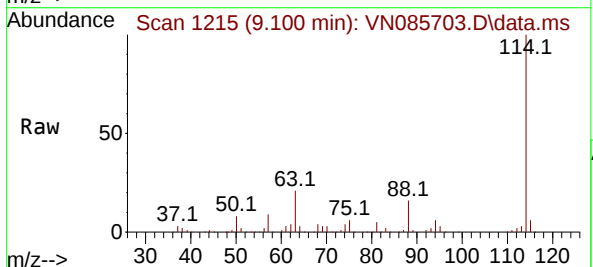
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#05

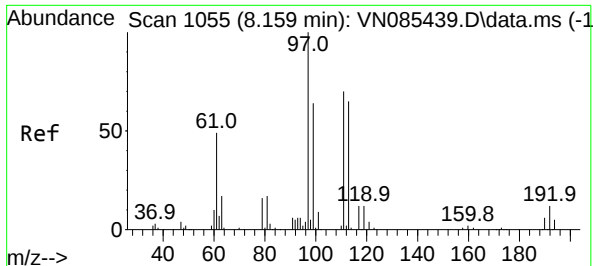
Tgt Ion: 65 Resp: 177601
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085703.D
 Acq: 07 Feb 2025 17:53

Tgt Ion: 114 Resp: 420215
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 47.6
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085703.D

Acq: 07 Feb 2025 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#05

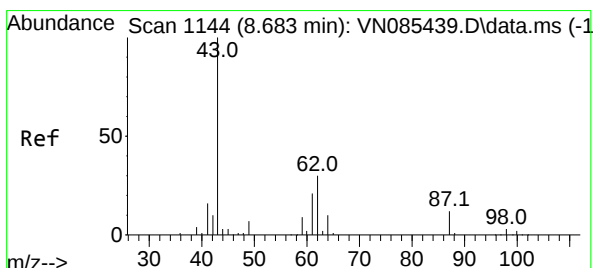
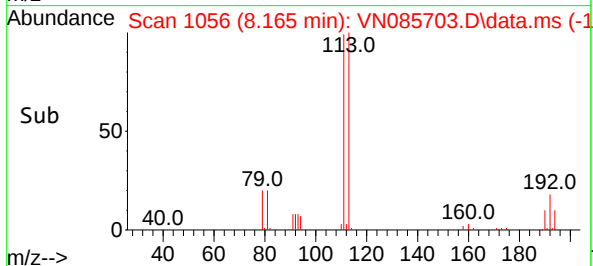
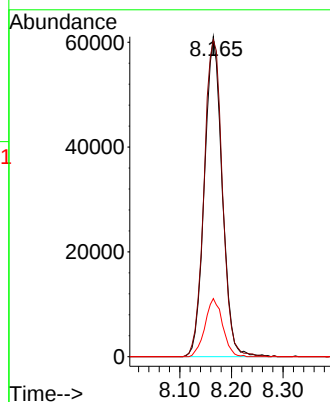
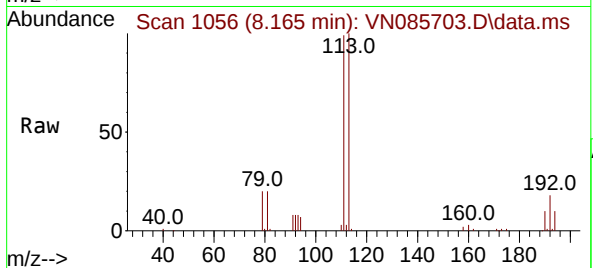
Tgt Ion:113 Resp: 145365

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 18.0 14.3 21.5



#43

Isopropyl Acetate

Concen: 33.025 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085703.D

Acq: 07 Feb 2025 17:53

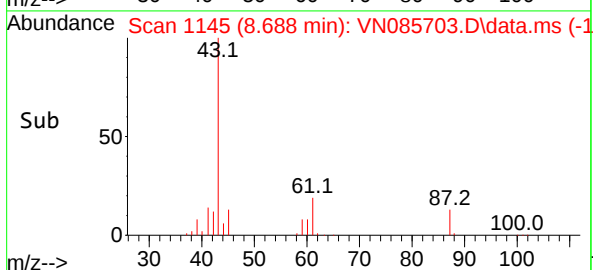
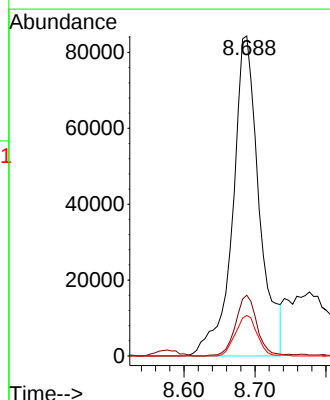
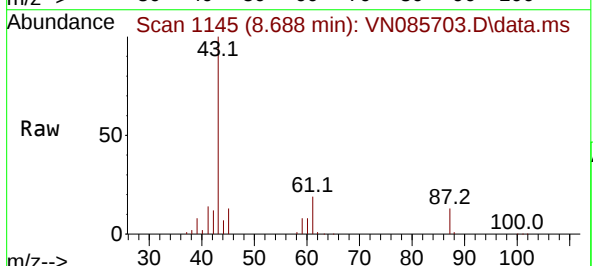
Tgt Ion: 43 Resp: 218536

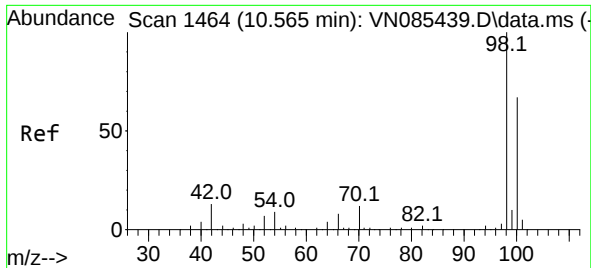
Ion Ratio Lower Upper

43 100

61 15.5 20.7 31.1#

87 10.4 9.8 14.8

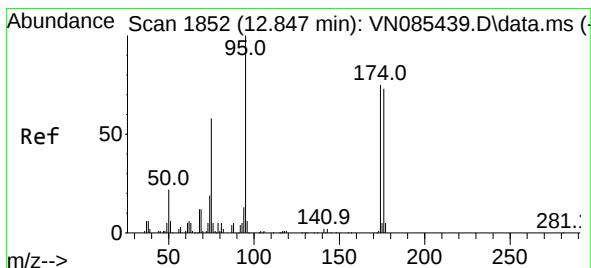
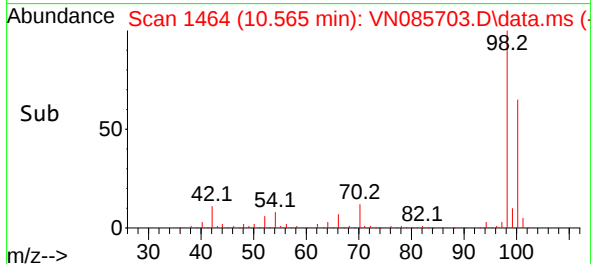
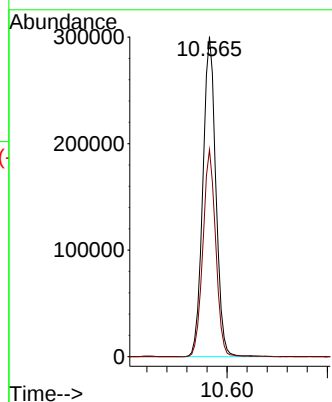
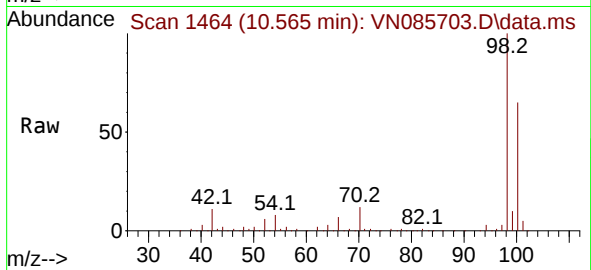




#50
Toluene-d8
Concen: 52.214 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

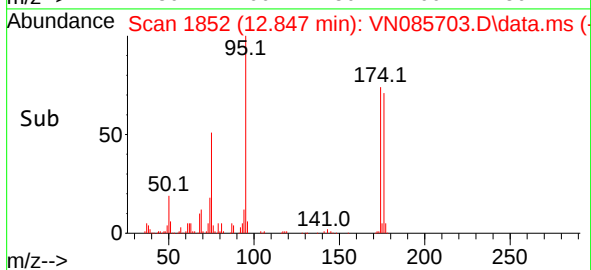
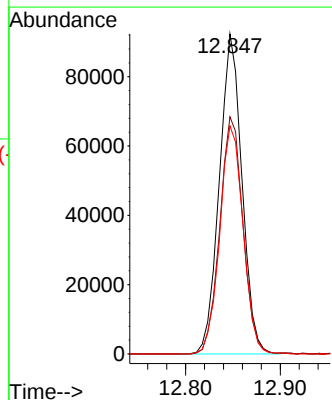
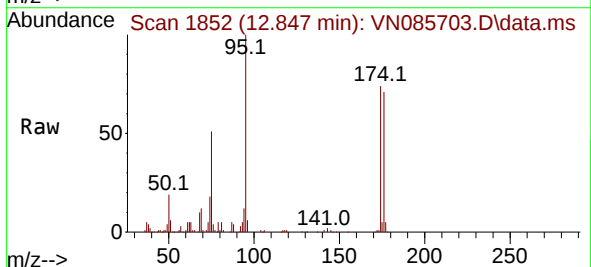
Instrument :
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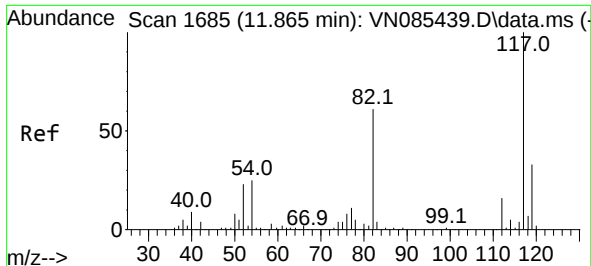
Tgt Ion: 98 Resp: 540827
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.216 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085703.D
Acq: 07 Feb 2025 17:53

Tgt Ion: 95 Resp: 153121
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.0
176 73.5 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085703.D

Acq: 07 Feb 2025 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#05

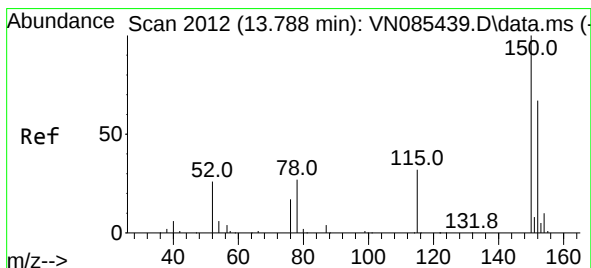
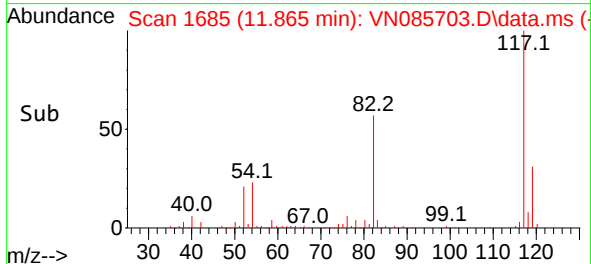
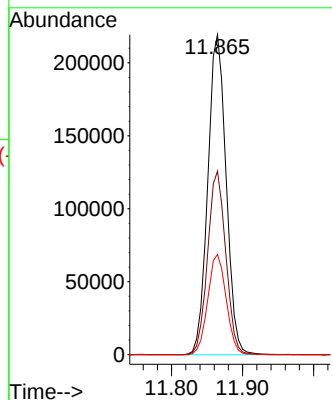
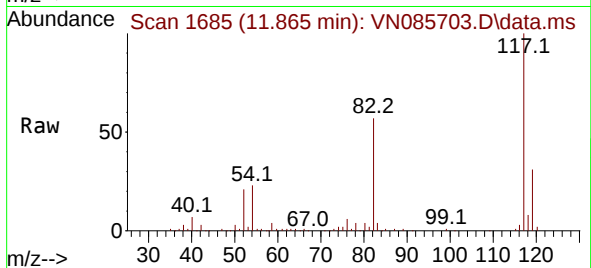
Tgt Ion:117 Resp: 392937

Ion Ratio Lower Upper

117 100

82 57.4 48.6 72.8

119 31.3 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085703.D

Acq: 07 Feb 2025 17:53

Tgt Ion:152 Resp: 137786

Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 157.7 0.0 343.6

