

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085365.D
 Acq On : 31 Dec 2024 11:42
 Operator : JC\MD
 Sample : P5386-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00397

Quant Time: Jan 01 02:04:10 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)

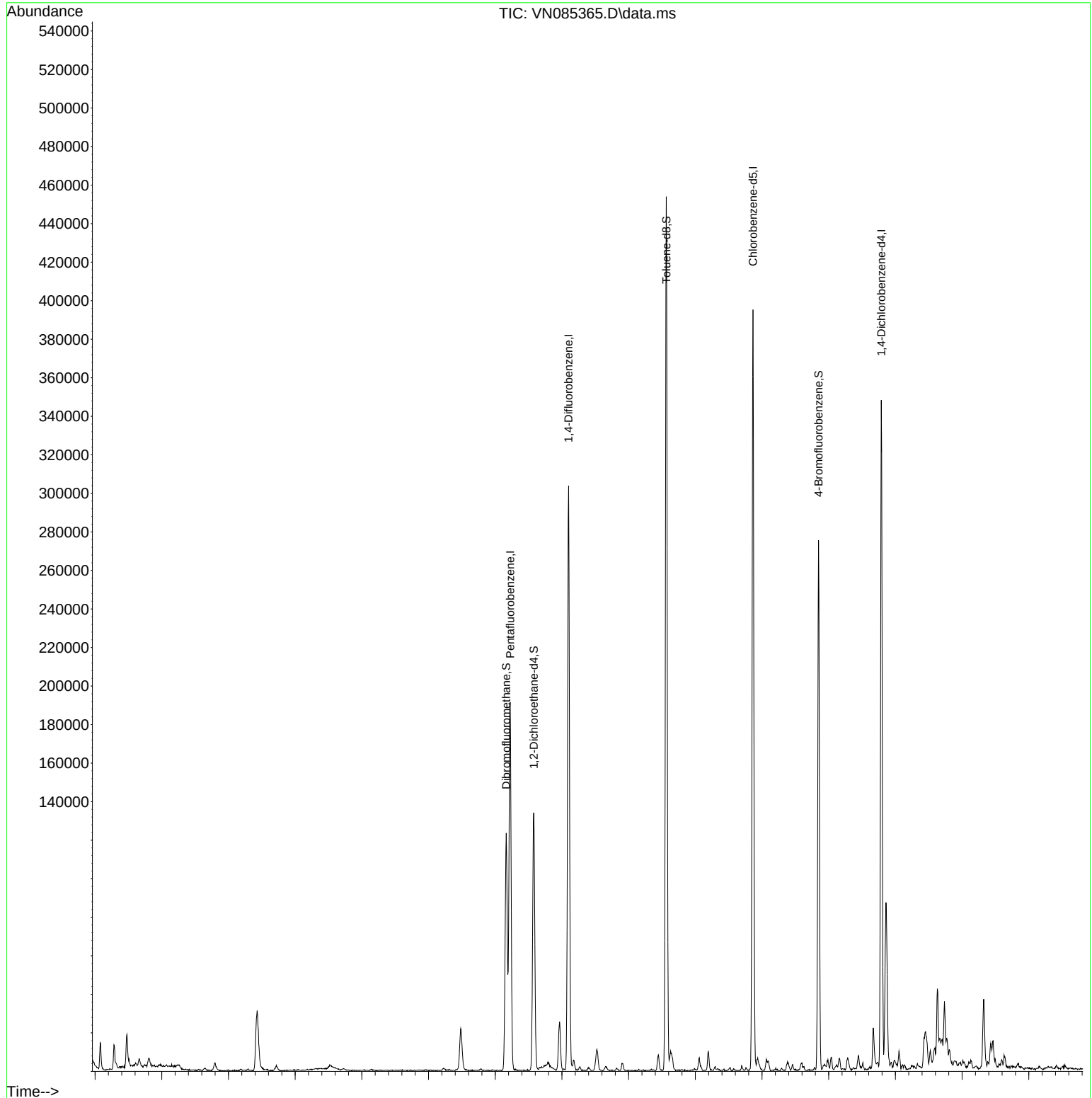
Internal Standards						
1) Pentafluorobenzene	8.224	168	129689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	213113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109632	59.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.540%			
35) Dibromofluoromethane	8.165	113	85864	55.747	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.500%			
50) Toluene-d8	10.565	98	298170	52.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.500%			
62) 4-Bromofluorobenzene	12.847	95	90756	48.350	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.700%			
Target Compounds						
11) Tert butyl alcohol	5.524	59	3631	15.676	ug/l #	82
16) Acetone	4.430	43	59630	98.036	ug/l	93
25) 2-Butanone	7.483	43	35658	37.788	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	6018	2.901	ug/l	98
52) Toluene	10.630	92	3584	0.883	ug/l	100
59) 2-Hexanone	11.194	43	6097	4.237	ug/l	85

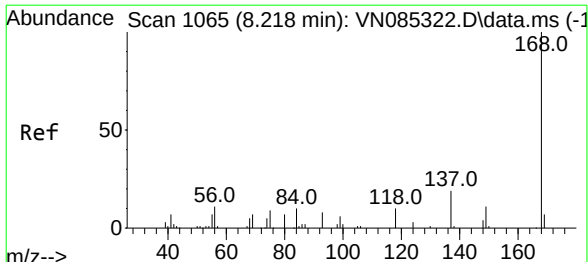
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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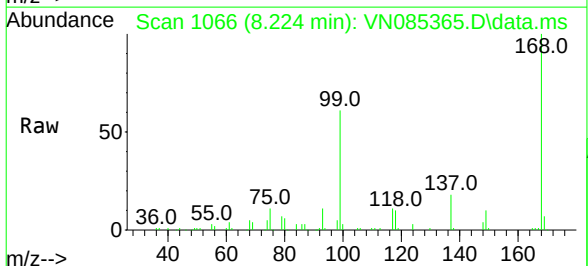
Quant Time: Jan 01 02:04:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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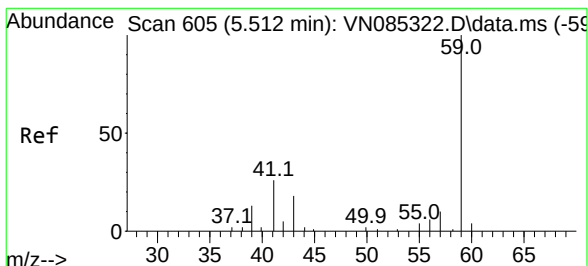
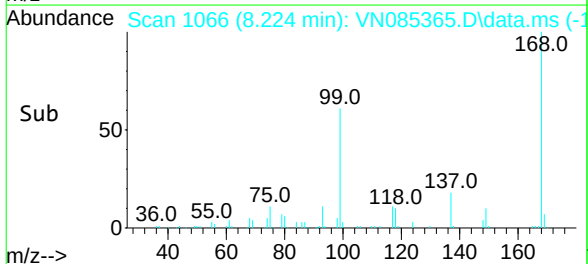
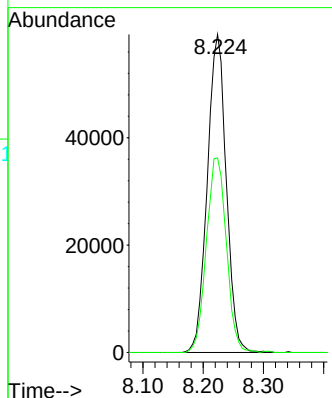


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00397

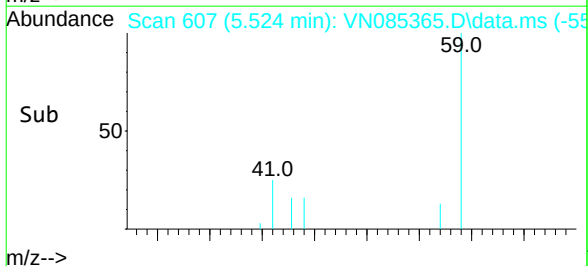
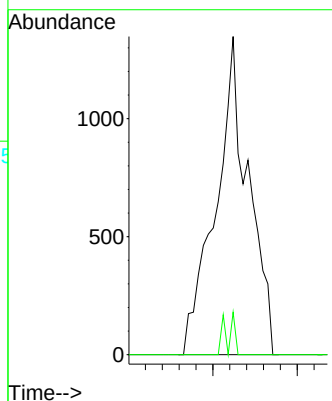
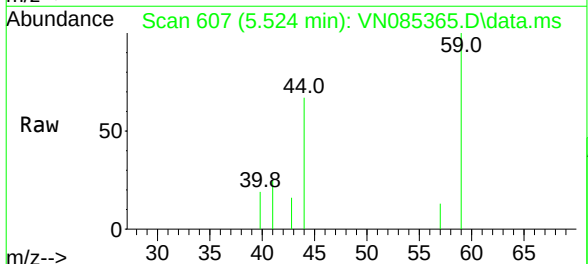


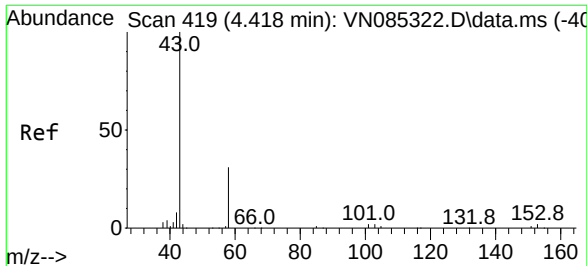
Tgt Ion:168 Resp: 129689
Ion Ratio Lower Upper
168 100
99 61.2 51.0 76.4



#11
Tert butyl alcohol
Concen: 15.676 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

Tgt Ion: 59 Resp: 3631
Ion Ratio Lower Upper
59 100
57 3.4 8.1 12.1#





#16

Acetone

Concen: 98.036 ug/l

RT: 4.430 min Scan# 42

Delta R.T. 0.012 min

Lab File: VN085365.D

Acq: 31 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

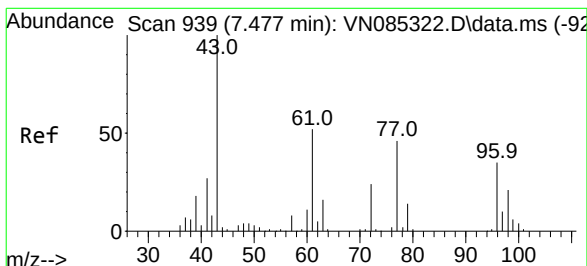
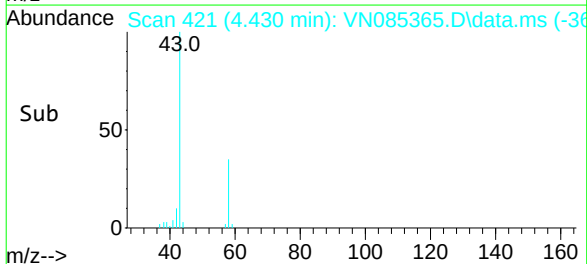
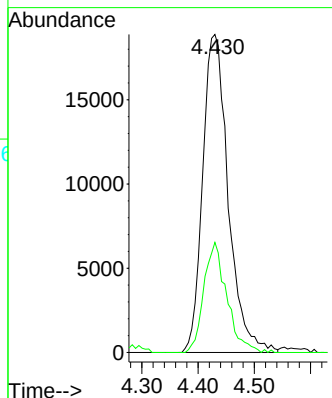
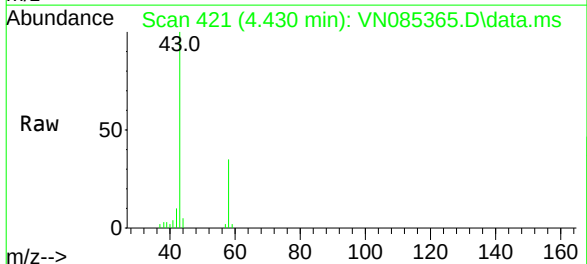
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Tgt Ion: 43 Resp: 59630

Ion Ratio Lower Upper

43 100

58 34.6 24.5 36.7



#25

2-Butanone

Concen: 37.788 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN085365.D

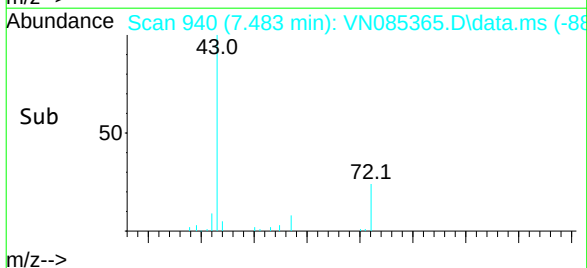
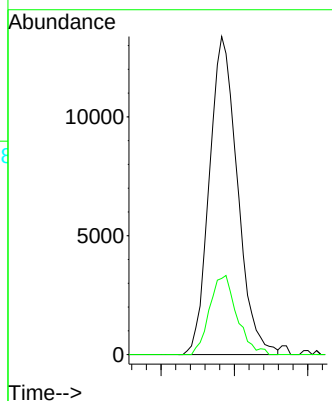
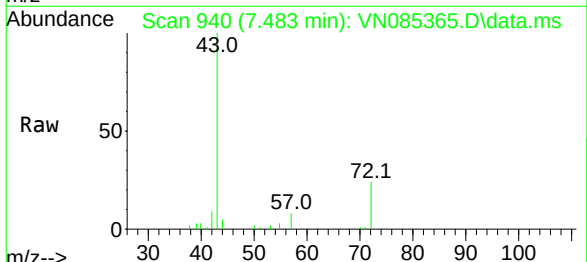
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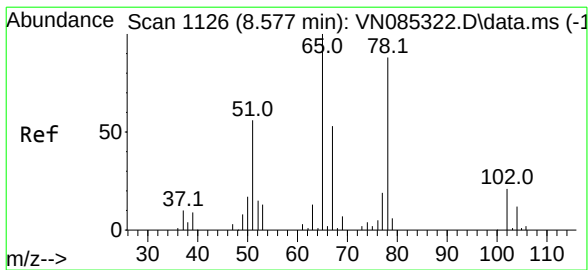
Tgt Ion: 43 Resp: 35658

Ion Ratio Lower Upper

43 100

72 24.0 19.6 29.4

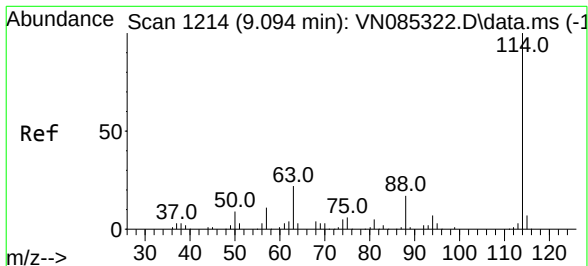
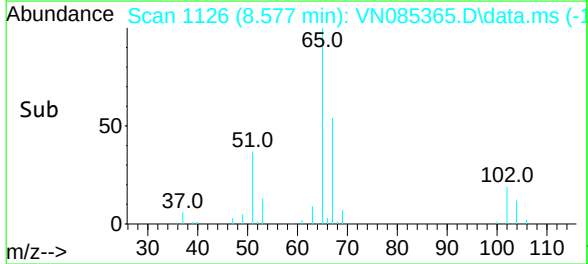
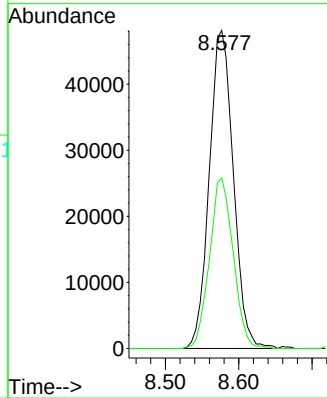
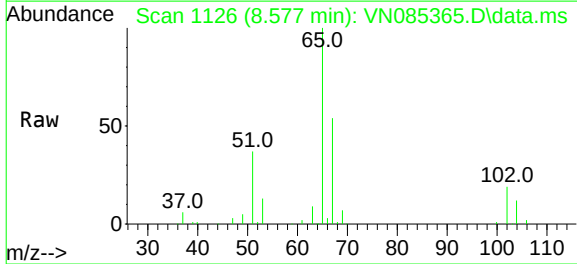




#33
1,2-Dichloroethane-d4
Concen: 59.269 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

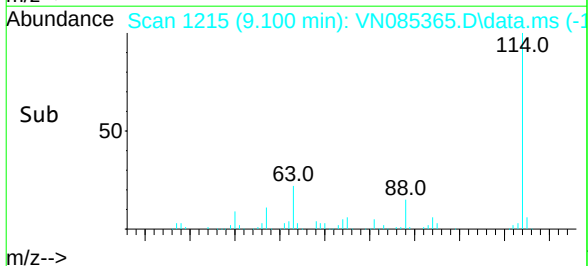
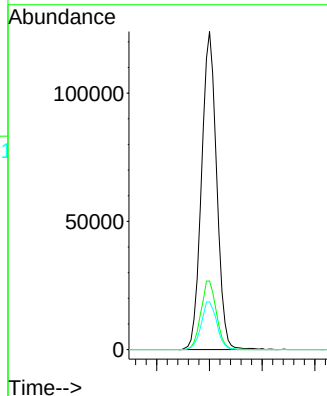
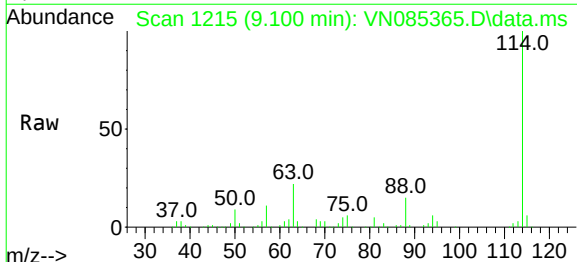
Instrument :
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MOO-24-00397

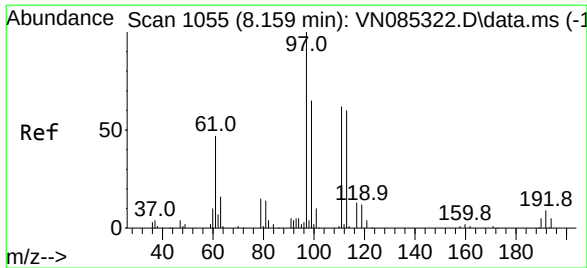
Tgt Ion: 65 Resp: 109632
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

Tgt Ion: 114 Resp: 246891
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.4
88 15.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.747 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085365.D

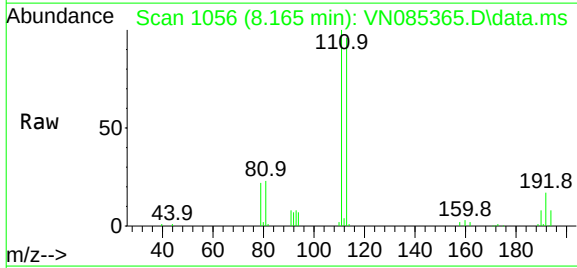
Acq: 31 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00397



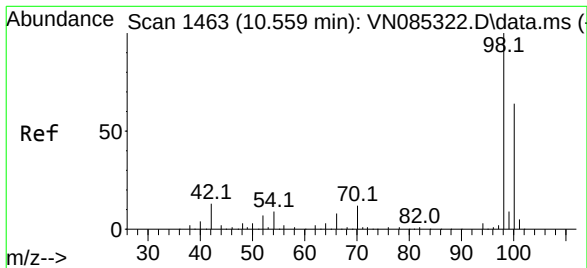
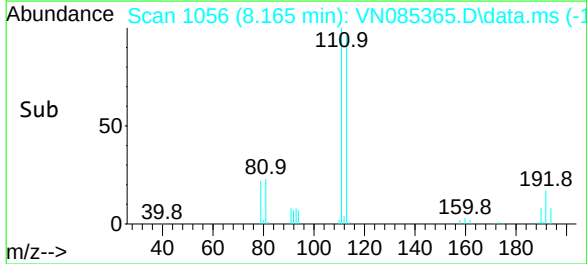
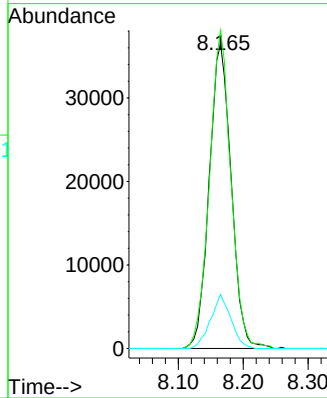
Tgt Ion:113 Resp: 85864

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 16.4 12.9 19.3



#50

Toluene-d8

Concen: 52.755 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085365.D

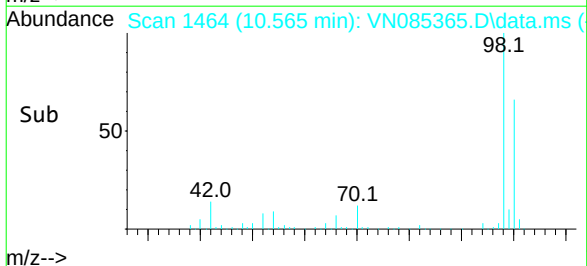
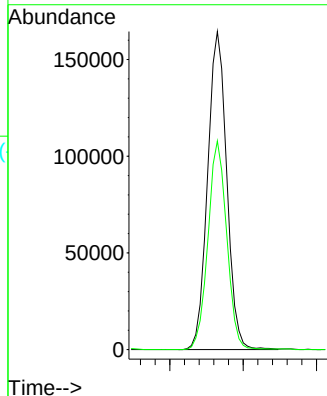
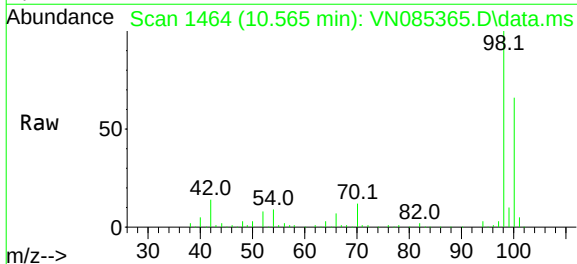
Acq: 31 Dec 2024 11:42

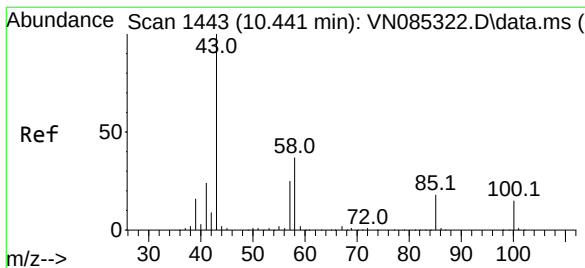
Tgt Ion: 98 Resp: 298170

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3

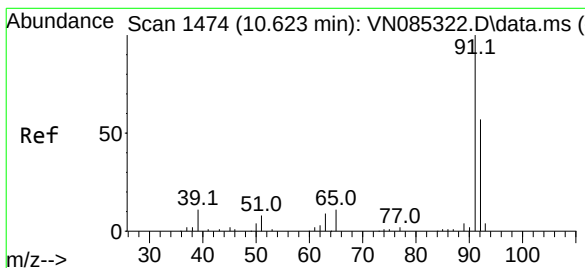
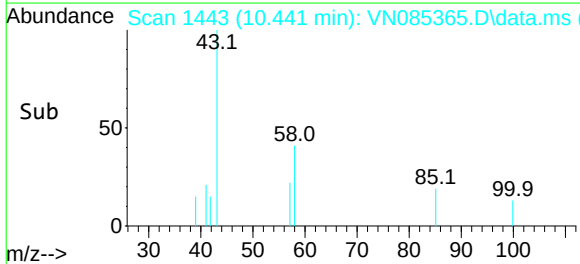
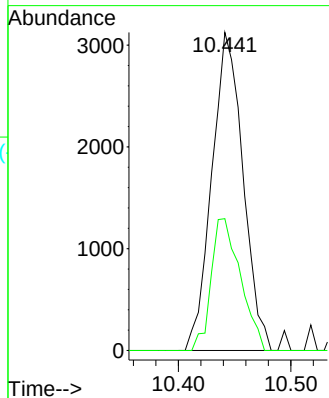
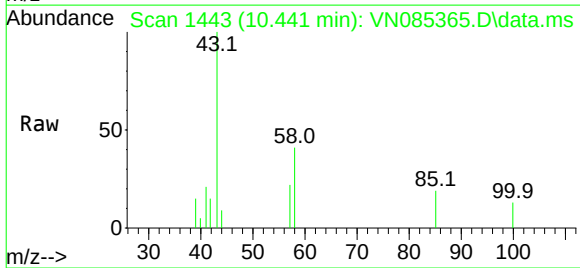




#51
4-Methyl-2-Pentanone
Concen: 2.901 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

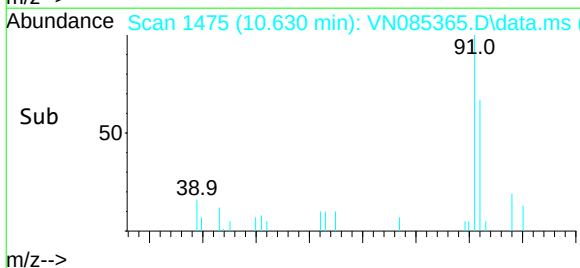
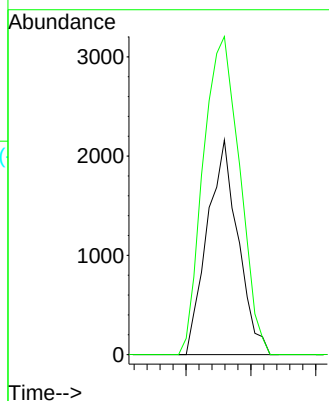
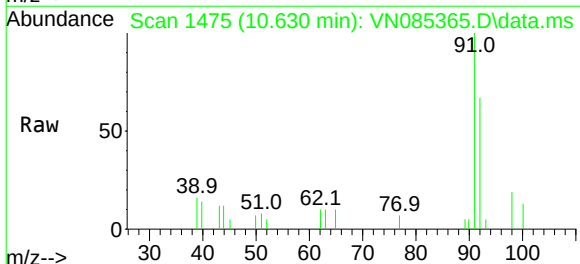
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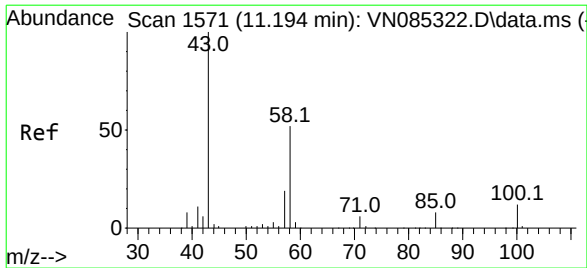
Tgt Ion: 43 Resp: 6018
Ion Ratio Lower Upper
43 100
58 38.9 30.3 45.5



#52
Toluene
Concen: 0.883 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085365.D
Acq: 31 Dec 2024 11:42

Tgt Ion: 92 Resp: 3584
Ion Ratio Lower Upper
92 100
91 174.7 140.2 210.4





#59

2-Hexanone

Concen: 4.237 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085365.D

Acq: 31 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

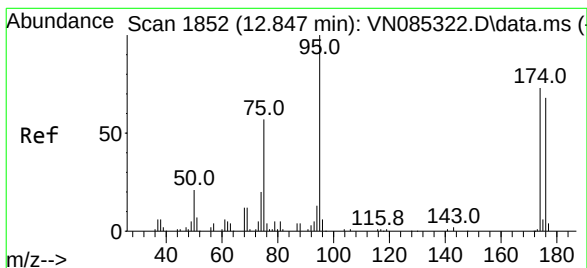
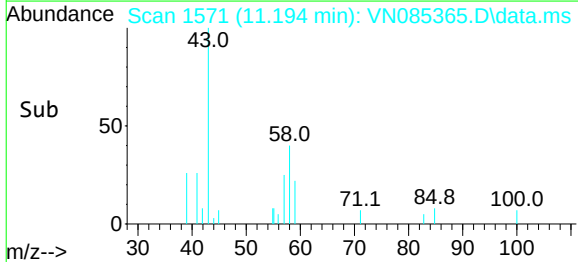
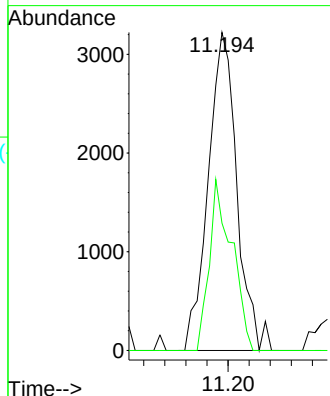
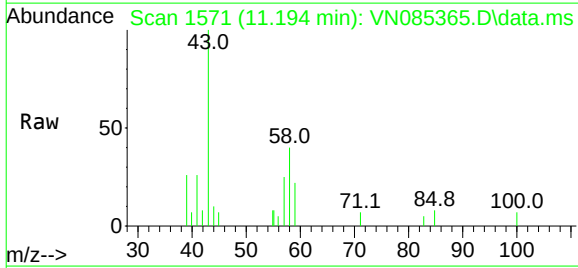
MOO-24-00397

Tgt Ion: 43 Resp: 6097

Ion Ratio Lower Upper

43 100

58 42.4 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 48.350 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085365.D

Acq: 31 Dec 2024 11:42

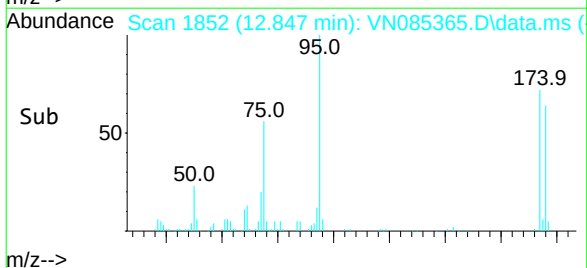
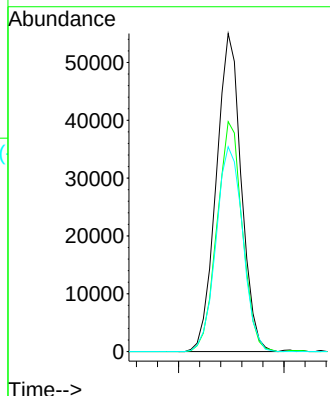
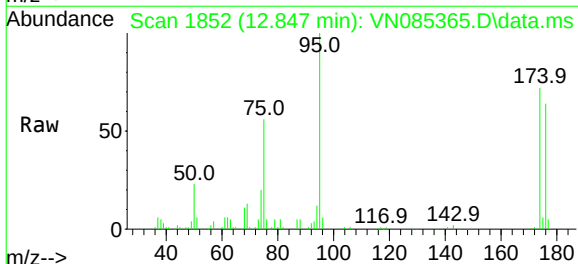
Tgt Ion: 95 Resp: 90756

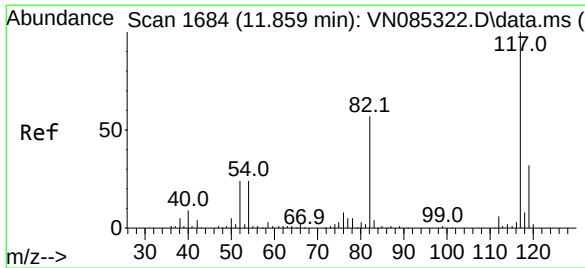
Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.2

176 68.6 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: VN085365.D

Acq: 31 Dec 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00397

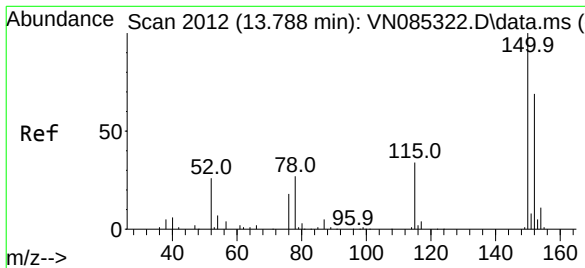
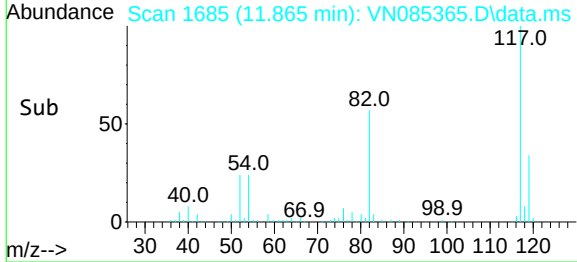
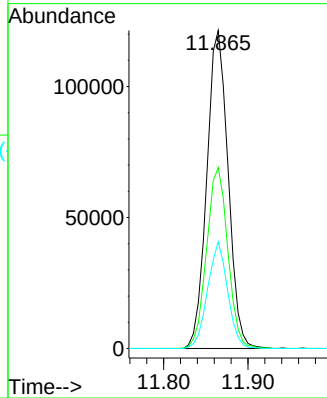
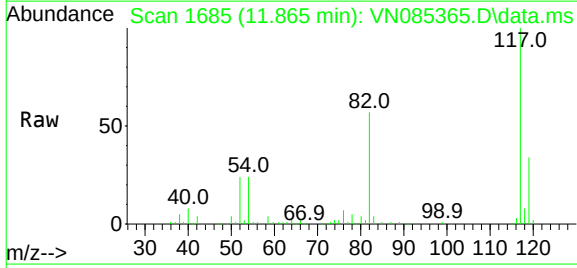
Tgt Ion:117 Resp: 213113

Ion Ratio Lower Upper

117 100

82 56.9 45.7 68.5

119 33.6 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: VN085365.D

Acq: 31 Dec 2024 11:42

Tgt Ion:152 Resp: 87311

Ion Ratio Lower Upper

152 100

115 63.1 30.4 91.3

150 157.7 0.0 345.0

