

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085357.D
 Acq On : 30 Dec 2024 20:03
 Operator : JC\MD
 Sample : P5386-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00397

Quant Time: Dec 31 02:20:08 2024
 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)

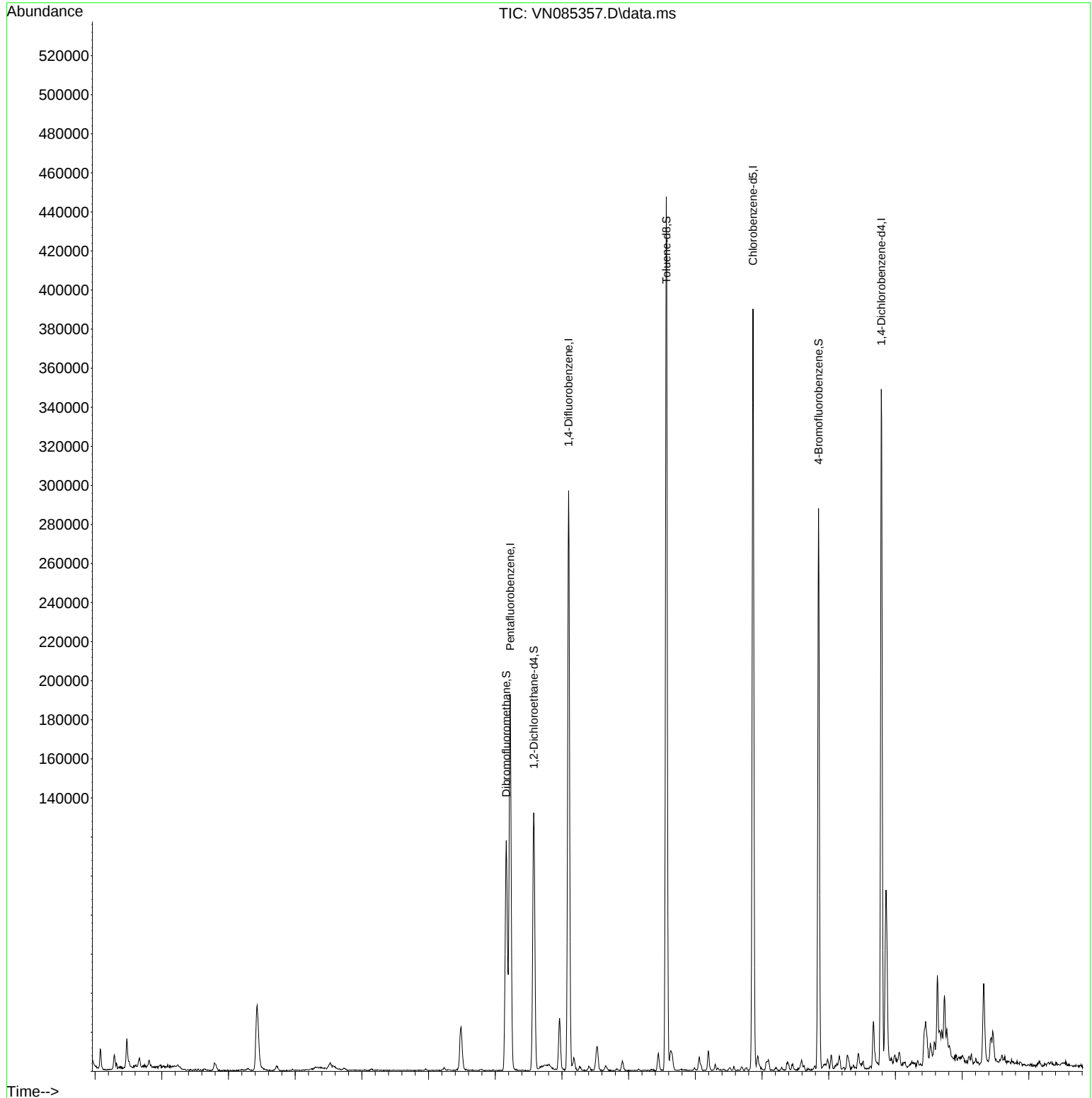
Internal Standards						
1) Pentafluorobenzene	8.224	168	129447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109683	59.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.820%			
35) Dibromofluoromethane	8.165	113	83190	54.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.860%			
50) Toluene-d8	10.565	98	297447	53.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.060%			
62) 4-Bromofluorobenzene	12.847	95	94101	50.988	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.980%			
Target Compounds						
11) Tert butyl alcohol	5.530	59	3806	16.462	ug/l #	93
16) Acetone	4.430	43	62640	103.178	ug/l	97
25) 2-Butanone	7.488	43	37679	40.005	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	6347	3.112	ug/l	95
52) Toluene	10.629	92	3355	0.840	ug/l	92
59) 2-Hexanone	11.194	43	6451	4.559	ug/l	87
68) m/p-Xylenes	12.070	106	1721	0.624	ug/l	94
69) o-Xylene	12.394	106	936	0.351	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	1520	0.296	ug/l	94

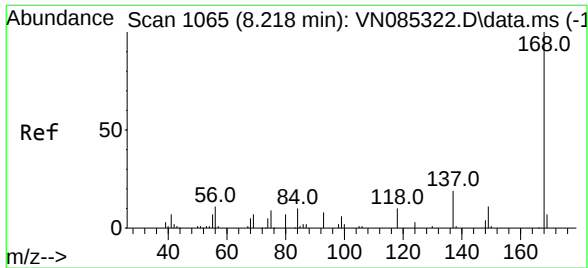
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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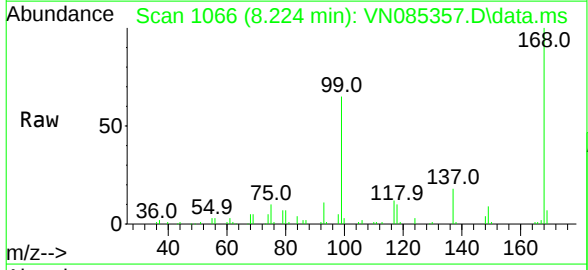
Quant Time: Dec 31 02:20:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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QLast Update : Sat Dec 28 01:36:16 2024
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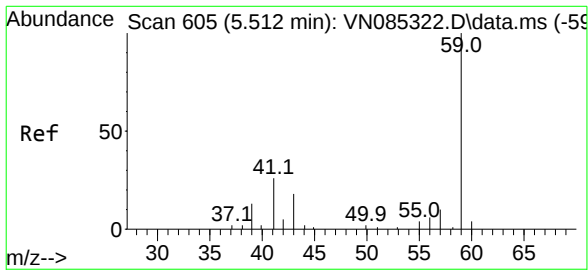
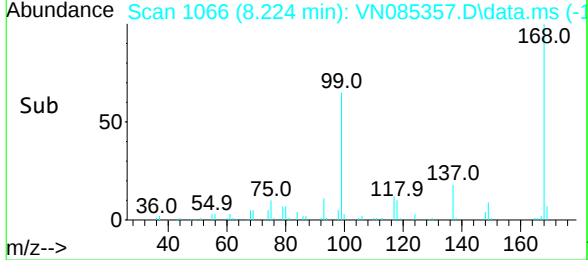
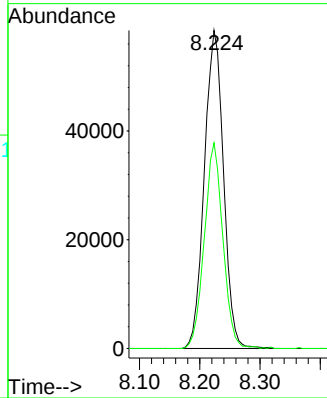


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00397

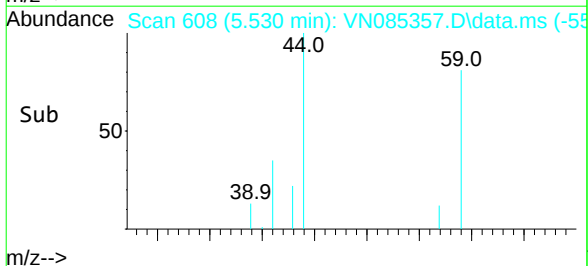
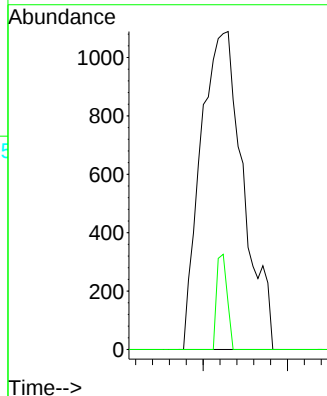
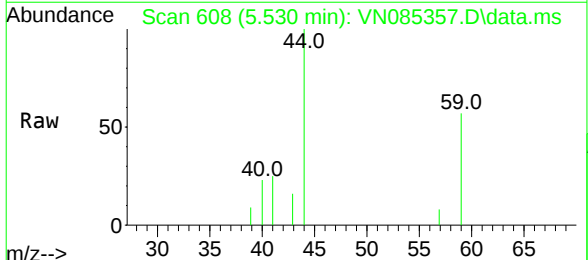


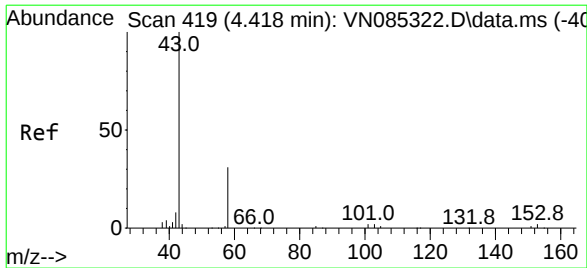
Tgt Ion: 168 Resp: 129447
Ion Ratio Lower Upper
168 100
99 64.6 51.0 76.4



#11
Tert butyl alcohol
Concen: 16.462 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.018 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Tgt Ion: 59 Resp: 3806
Ion Ratio Lower Upper
59 100
57 7.4 8.1 12.1#





#16

Acetone

Concen: 103.178 ug/l

RT: 4.430 min Scan# 42

Delta R.T. 0.012 min

Lab File: VN085357.D

Acq: 30 Dec 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

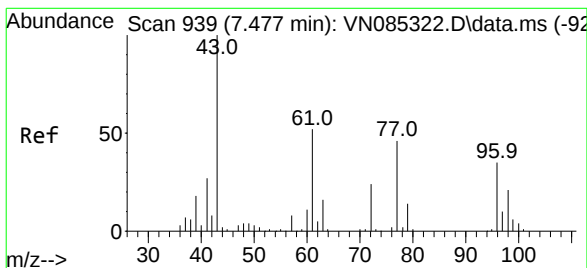
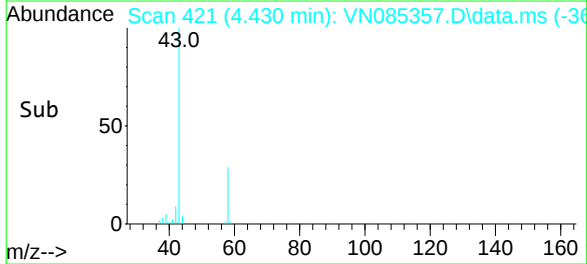
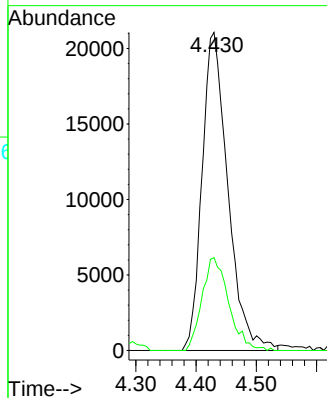
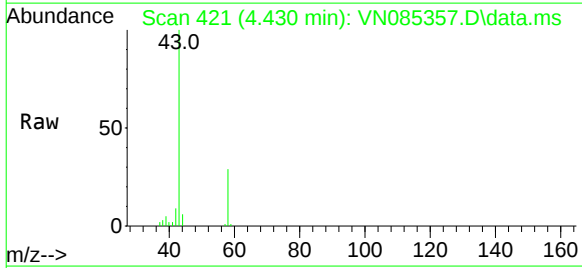
MOO-24-00397

Tgt Ion: 43 Resp: 62640

Ion Ratio Lower Upper

43 100

58 29.2 24.5 36.7



#25

2-Butanone

Concen: 40.005 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.012 min

Lab File: VN085357.D

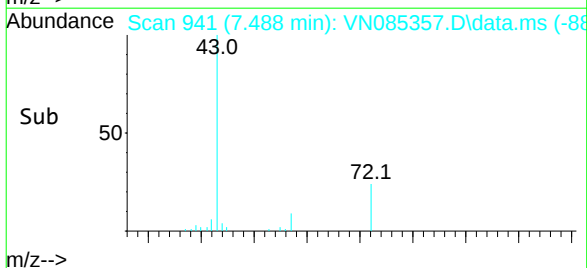
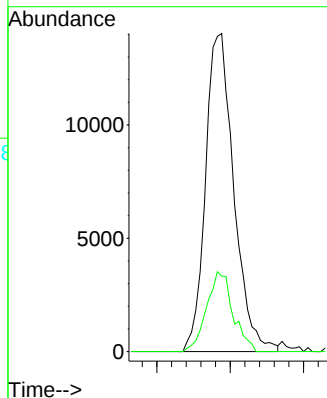
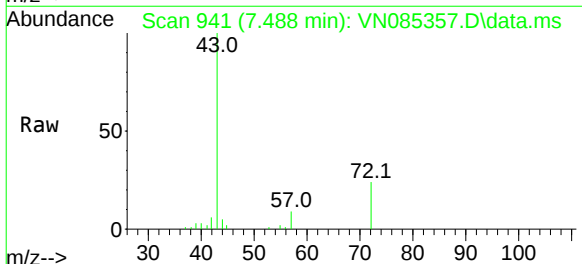
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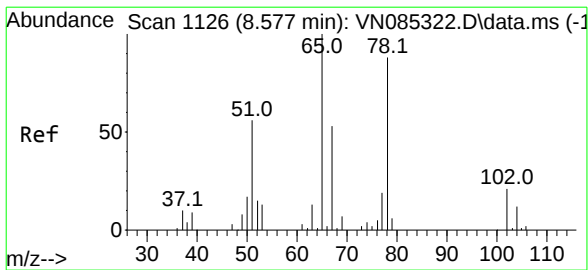
Tgt Ion: 43 Resp: 37679

Ion Ratio Lower Upper

43 100

72 23.7 19.6 29.4

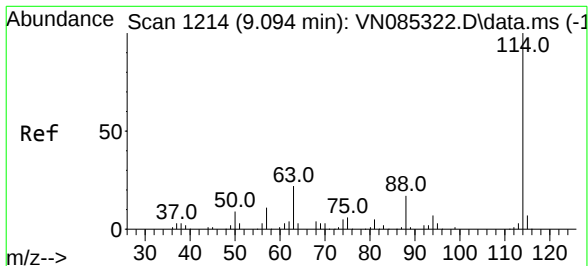
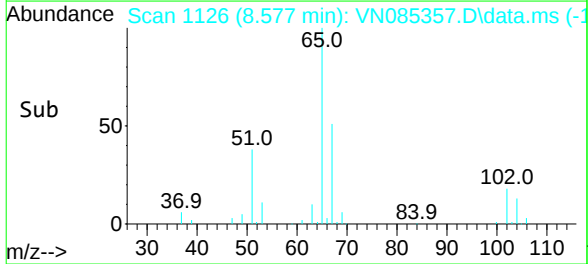
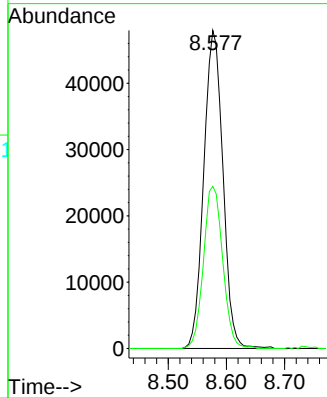
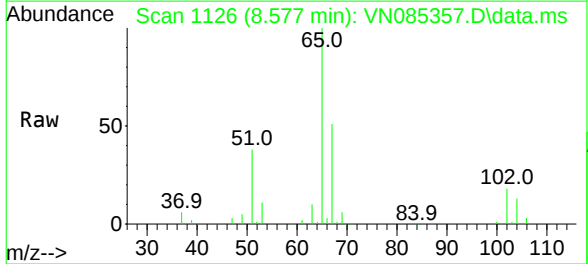




#33
1,2-Dichloroethane-d4
Concen: 59.407 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

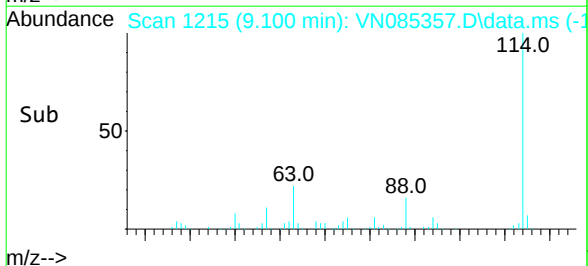
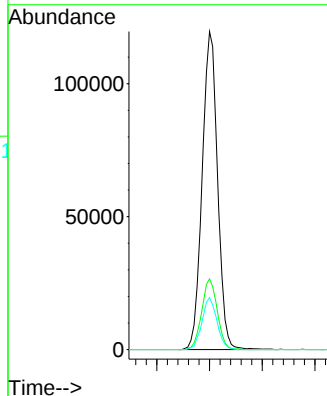
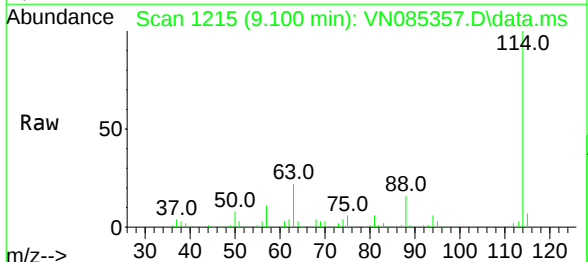
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00397

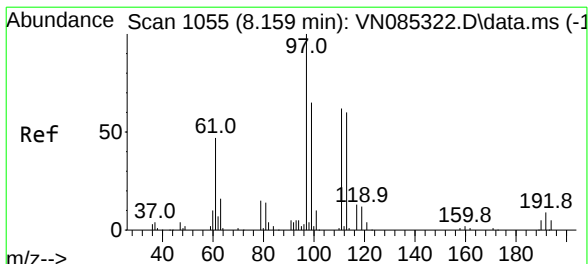
Tgt Ion: 65 Resp: 109683
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

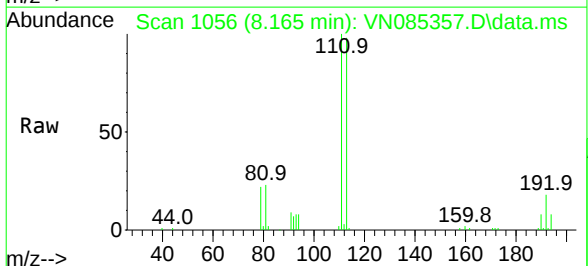
Tgt Ion: 114 Resp: 242746
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 16.3 0.0 33.6



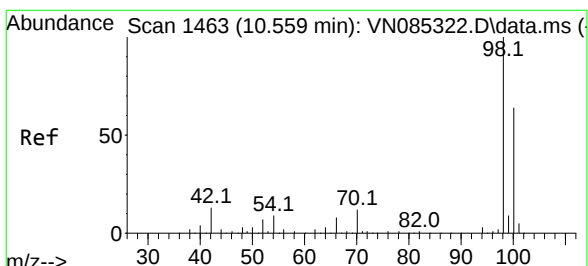
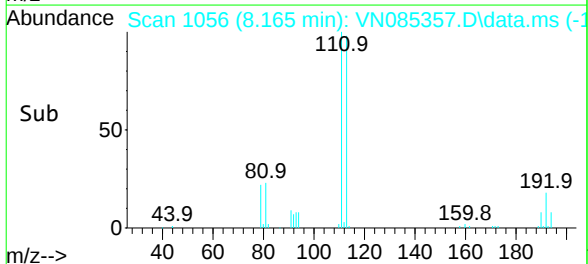
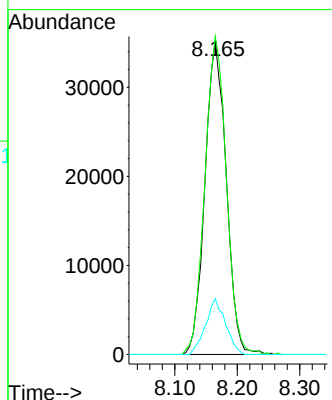


#35
 Dibromofluoromethane
 Concen: 54.933 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085357.D
 Acq: 30 Dec 2024 20:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00397

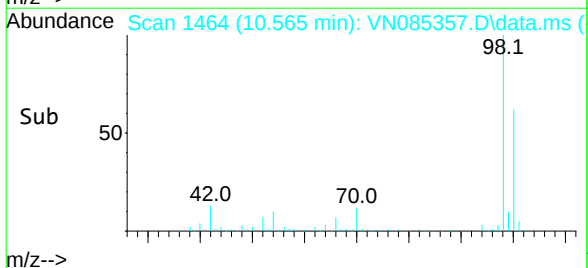
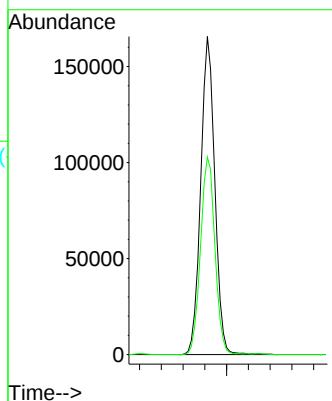
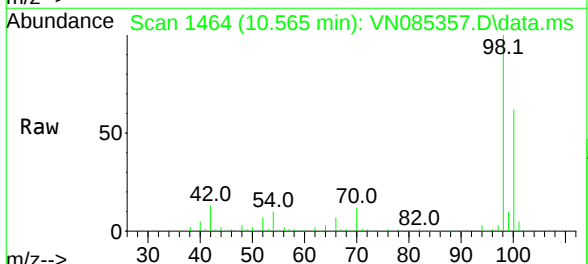


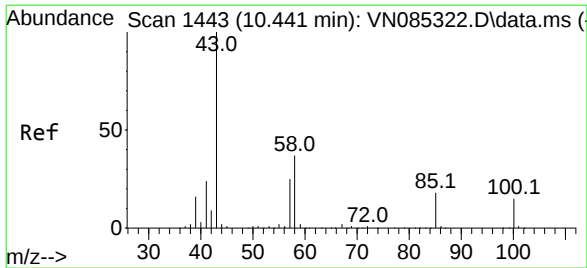
Tgt Ion:	113	Resp:	83190
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.5	120.7
192	16.7	12.9	19.3



#50
 Toluene-d8
 Concen: 53.525 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.006 min
 Lab File: VN085357.D
 Acq: 30 Dec 2024 20:03

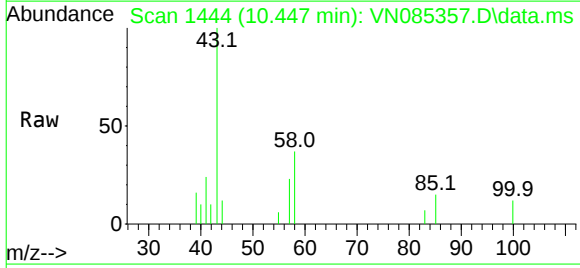
Tgt Ion:	98	Resp:	297447
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3



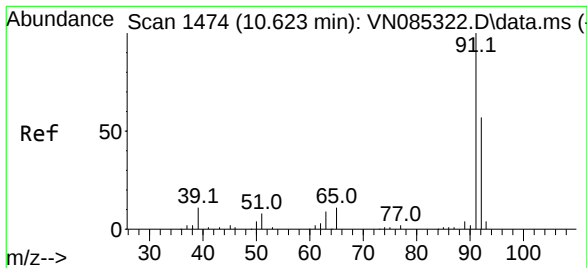
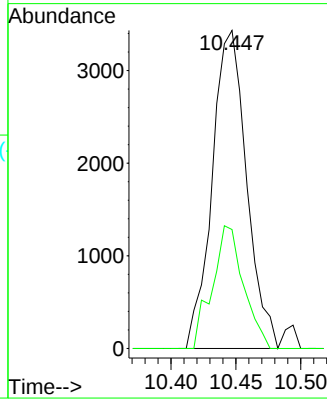
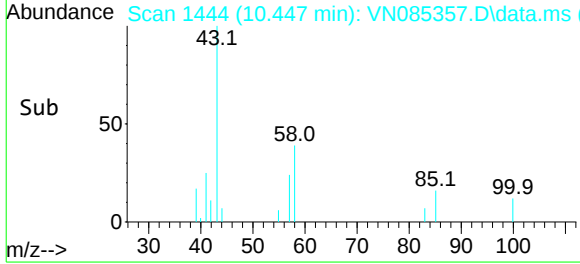


#51
4-Methyl-2-Pentanone
Concen: 3.112 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Instrument :
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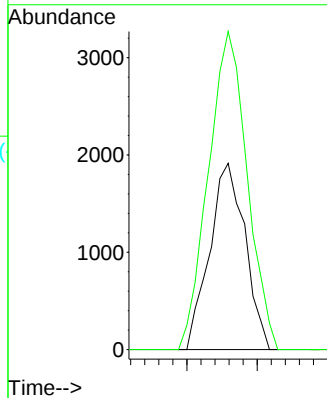
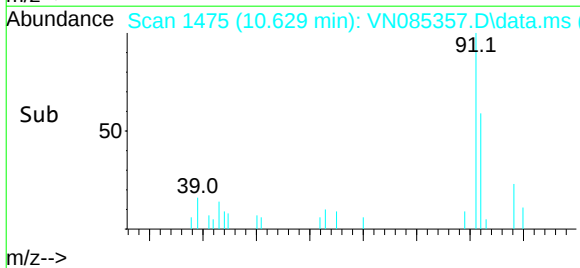
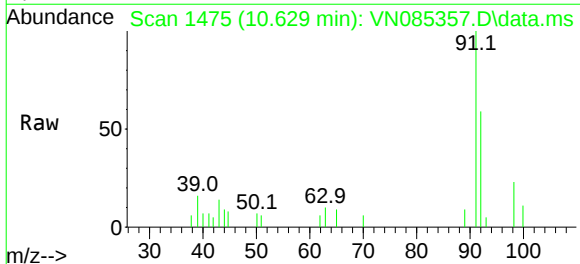


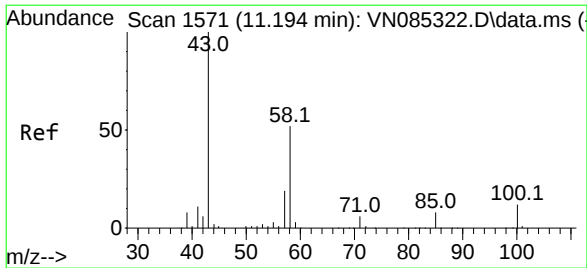
Tgt Ion: 43 Resp: 6347
Ion Ratio Lower Upper
43 100
58 35.0 30.3 45.5



#52
Toluene
Concen: 0.840 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Tgt Ion: 92 Resp: 3355
Ion Ratio Lower Upper
92 100
91 186.7 140.2 210.4





#59

2-Hexanone

Concen: 4.559 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN085357.D

Acq: 30 Dec 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

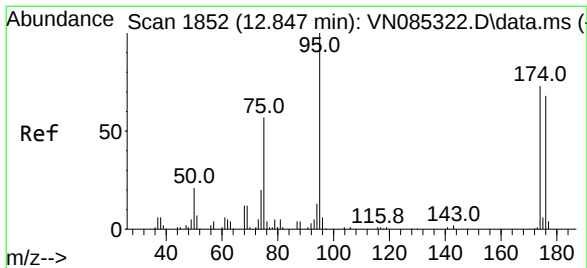
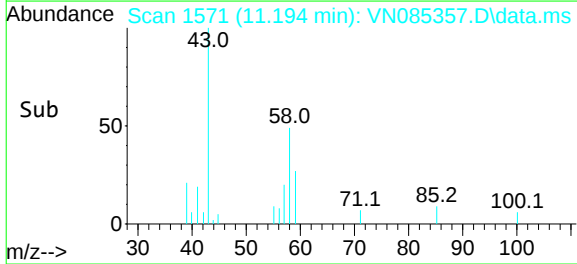
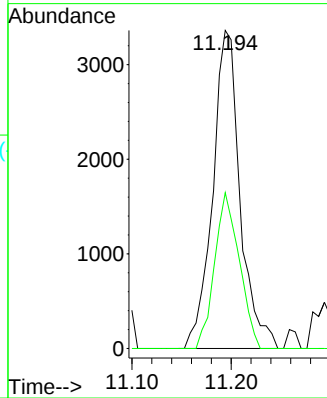
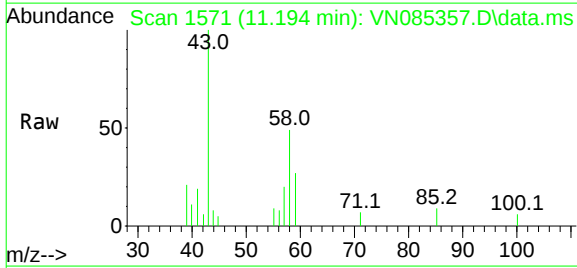
MOO-24-00397

Tgt Ion: 43 Resp: 6451

Ion Ratio Lower Upper

43 100

58 43.9 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 50.988 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085357.D

Acq: 30 Dec 2024 20:03

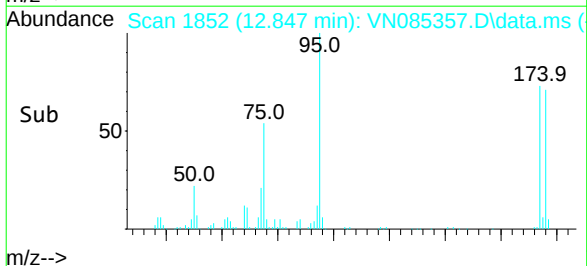
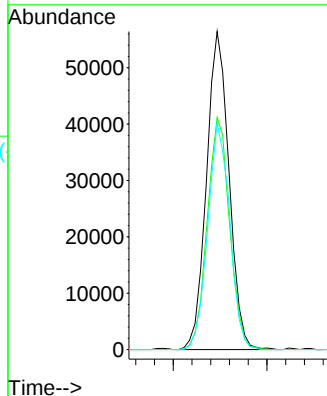
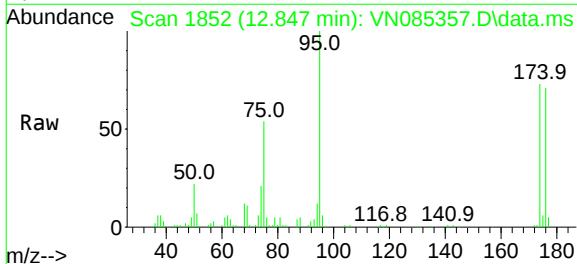
Tgt Ion: 95 Resp: 94101

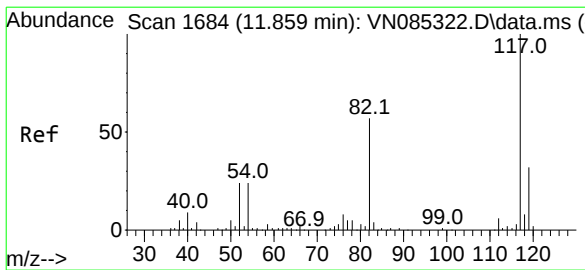
Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.2

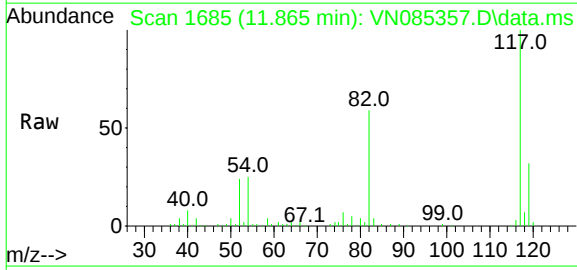
176 69.6 0.0 135.8



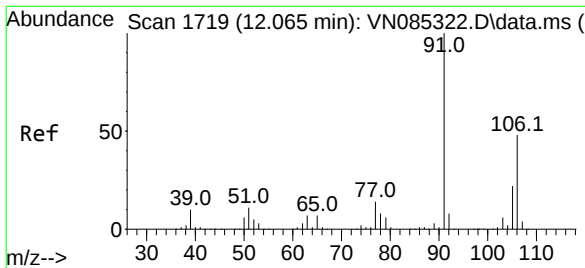
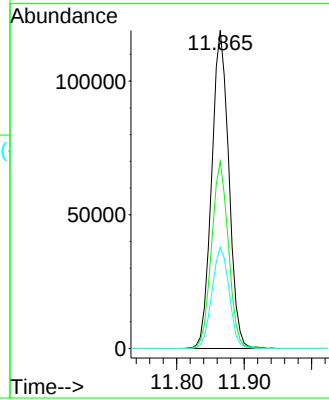
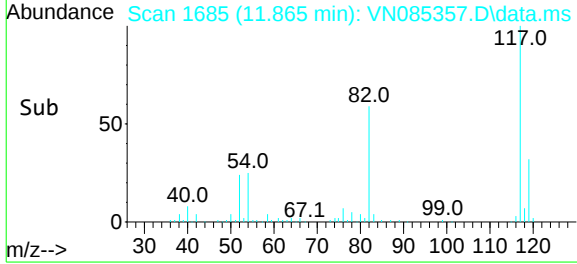


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00397

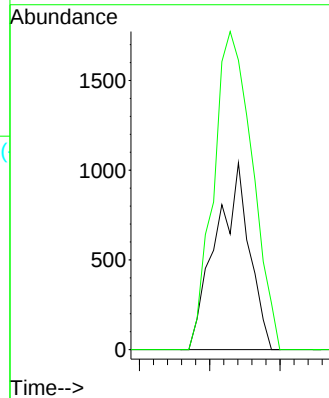
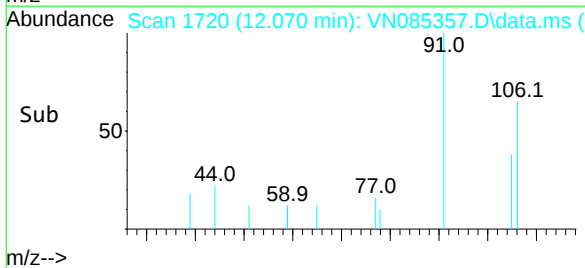
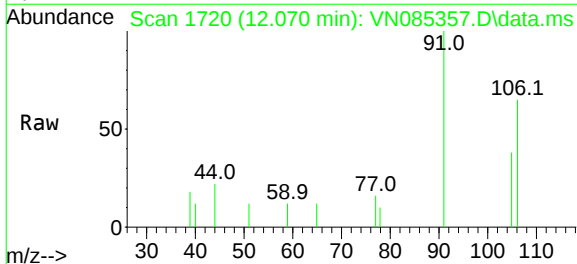


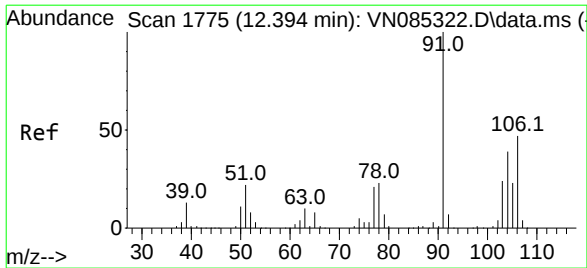
Tgt Ion:117 Resp: 209836
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 31.8 25.8 38.8



#68
m/p-Xylenes
Concen: 0.624 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085357.D
Acq: 30 Dec 2024 20:03

Tgt Ion:106 Resp: 1721
Ion Ratio Lower Upper
106 100
91 197.4 165.2 247.8





#69

o-Xylene

Concen: 0.351 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085357.D

Acq: 30 Dec 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

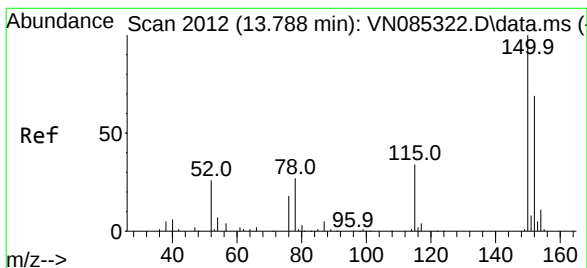
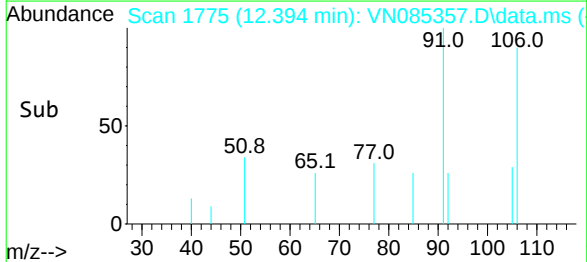
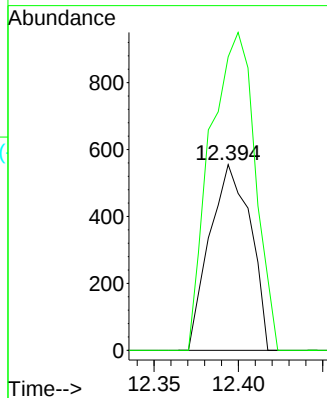
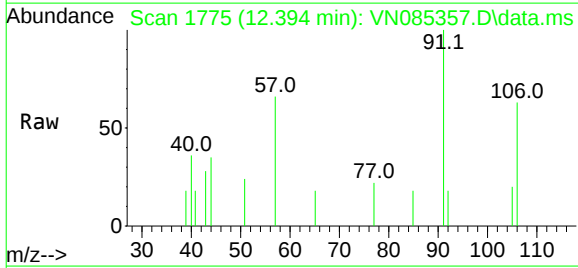
MOO-24-00397

Tgt Ion:106 Resp: 936

Ion Ratio Lower Upper

106 100

91 187.8 107.3 321.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085357.D

Acq: 30 Dec 2024 20:03

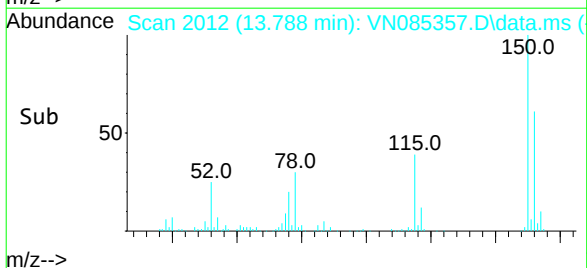
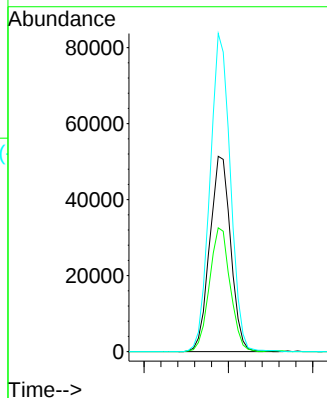
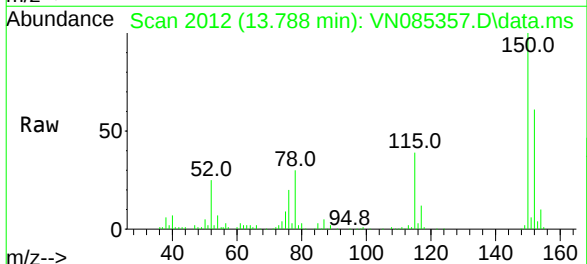
Tgt Ion:152 Resp: 88592

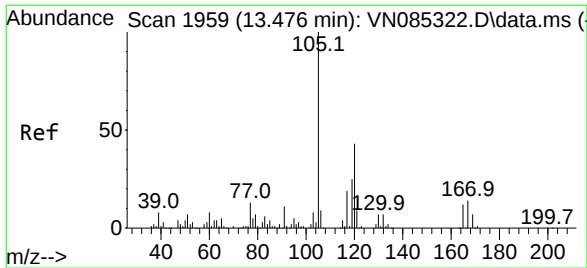
Ion Ratio Lower Upper

152 100

115 62.8 30.4 91.3

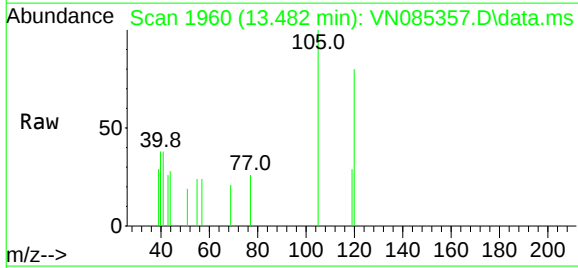
150 158.9 0.0 345.0





#84
 1,2,4-Trimethylbenzene
 Concen: 0.296 ug/l
 RT: 13.482 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VN085357.D
 Acq: 30 Dec 2024 20:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00397



Tgt Ion:105 Resp: 1520
 Ion Ratio Lower Upper
 105 100
 120 39.3 21.7 65.1

