

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085682.D
 Acq On : 05 Feb 2025 17:11
 Operator : JC\MD
 Sample : Q1285-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11977

Quant Time: Feb 06 00:44:03 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154003	50.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	8.165	113	130204	49.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	10.565	98	485251	52.307	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.847	95	153037	48.225	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.440%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	41806	42.498	ug/l	98
20) Methylene Chloride	5.289	84	2992m	1.229	ug/l	
40) Benzene	8.606	78	35254	3.202	ug/l	97
43) Isopropyl Acetate	8.688	43	157428	26.562	ug/l #	86
67) Ethyl Benzene	11.965	91	339283	26.957	ug/l	97
68) m/p-Xylenes	12.065	106	76470	16.440	ug/l	99
69) o-Xylene	12.394	106	76144	17.129	ug/l	93
73) Isopropylbenzene	12.694	105	29440	2.715	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	59173	6.605	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	194209	21.751	ug/l	98
95) Naphthalene	15.635	128	17899218	2479.484	ug/l	98

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

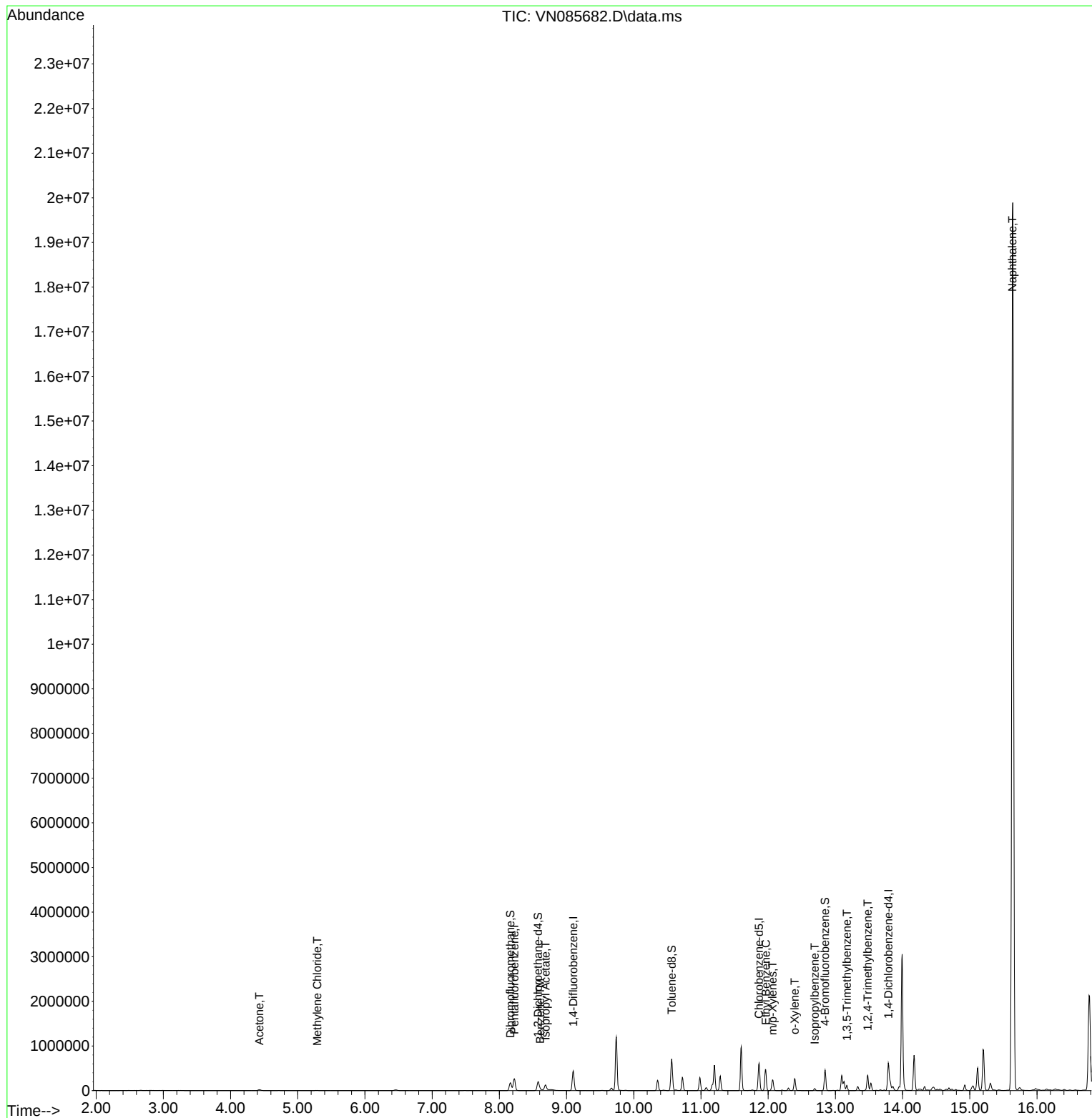
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
Data File : VN085682.D
Acq On : 05 Feb 2025 17:11
Operator : JC\MD
Sample : Q1285-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

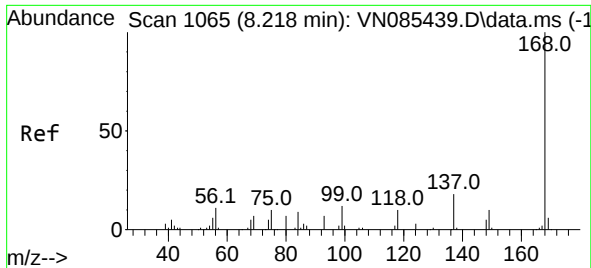
Instrument :
MSVOA_N
ClientSampleId :
72-11977

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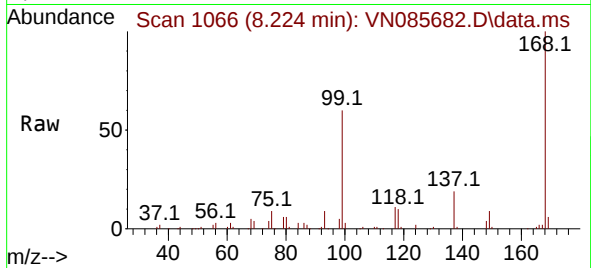
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

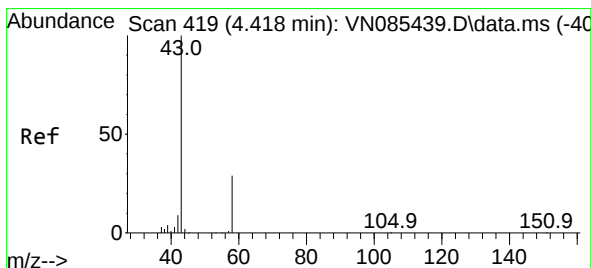
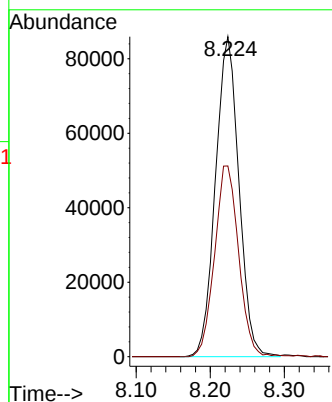
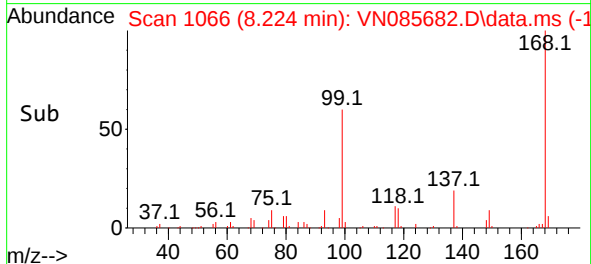
Instrument :
MSVOA_N
ClientSampleId :
72-11977



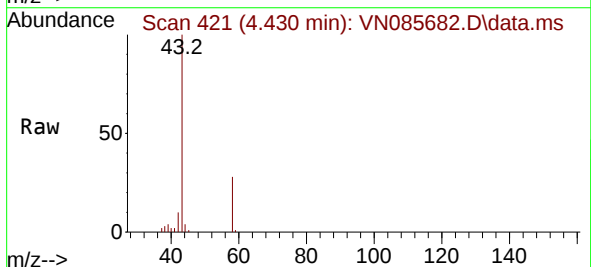
Tgt Ion:168 Resp: 18861
Ion Ratio Lower Upper
168 100
99 59.6 53.6 80.4

Manual Integrations
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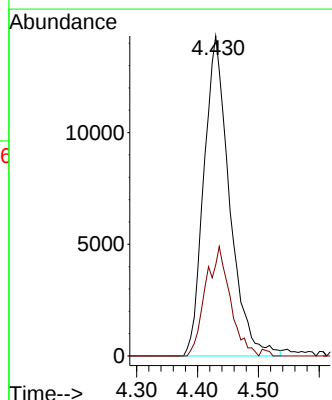
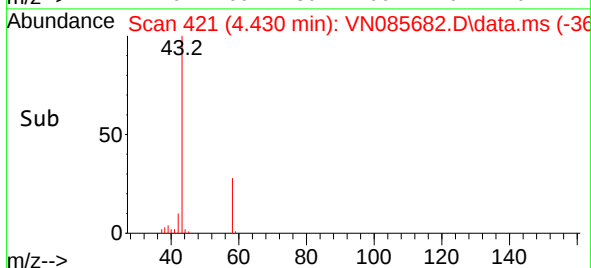
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

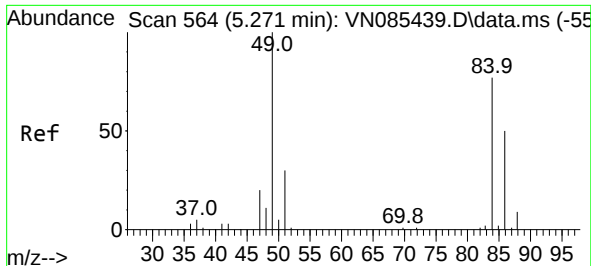


#16
Acetone
Concen: 42.498 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11



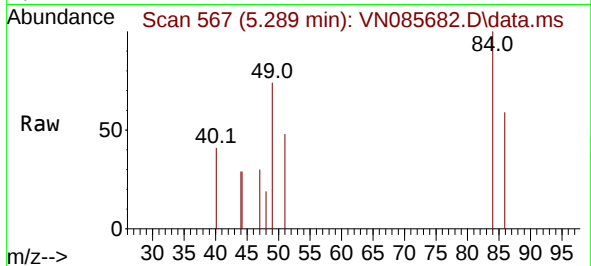
Tgt Ion: 43 Resp: 41806
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.6





#20
Methylene Chloride
Concen: 1.229 ug/l m
RT: 5.289 min Scan# 50
Delta R.T. 0.018 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

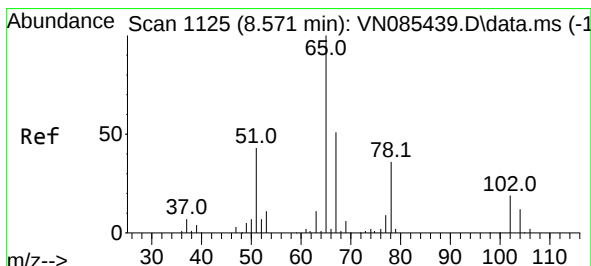
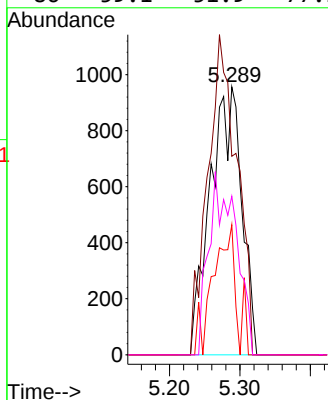
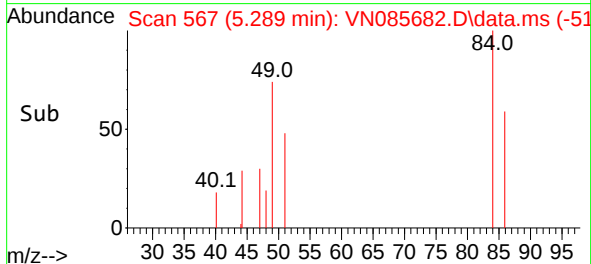
Instrument :
MSVOA_N
ClientSampleId :
72-11977



Tgt Ion: 84 Resp: 2992
Ion Ratio Lower Upper
84 100
49 74.1 104.1 156.1
51 48.5 31.0 46.4
86 59.1 51.9 77.9

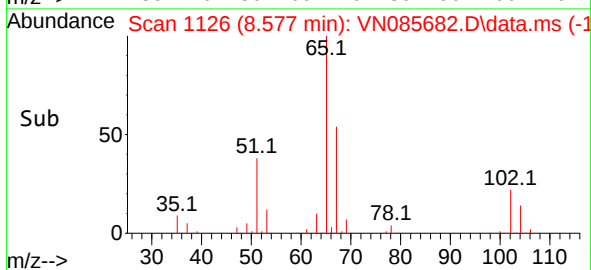
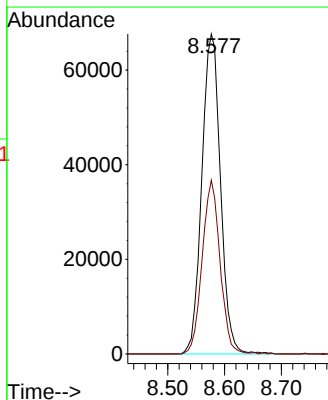
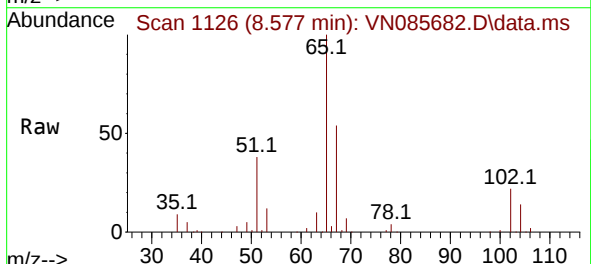
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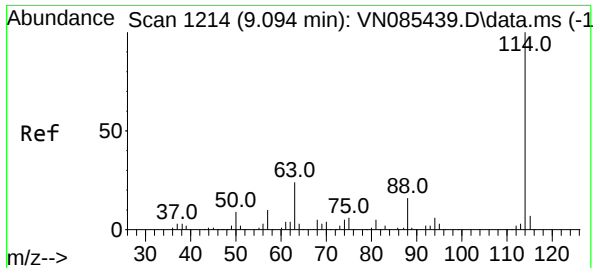
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#33
1,2-Dichloroethane-d4
Concen: 50.583 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

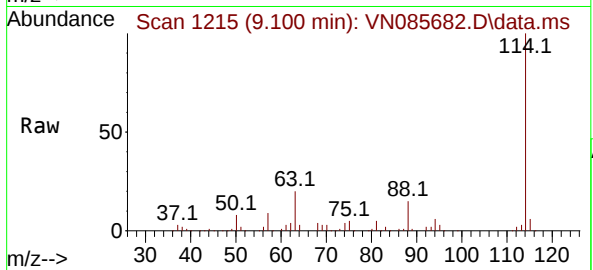
Tgt Ion: 65 Resp: 154003
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

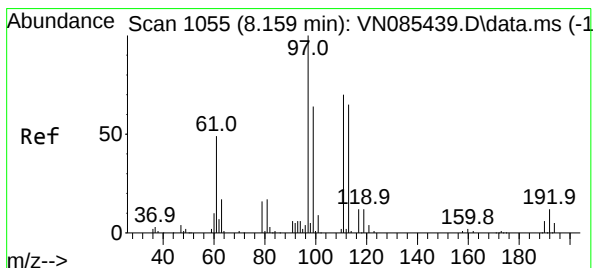
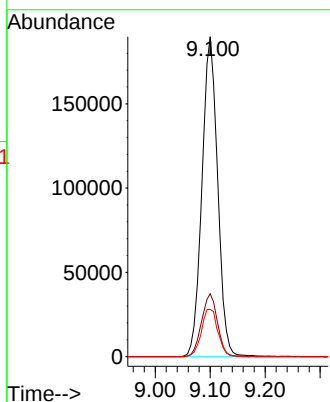
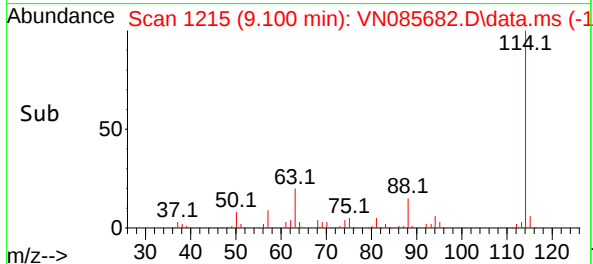
Instrument :
MSVOA_N
ClientSampleId :
72-11977



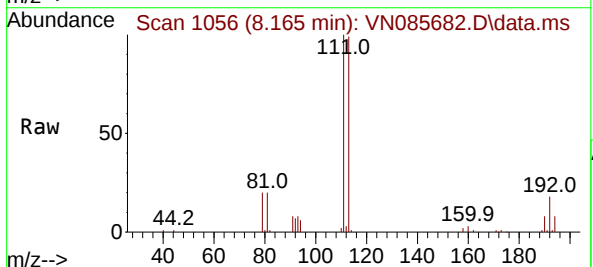
Tgt Ion:114 Resp: 37636
Ion Ratio Lower Upper
114 100
63 19.6 0.0 47.6
88 14.8 0.0 32.6

Manual Integrations
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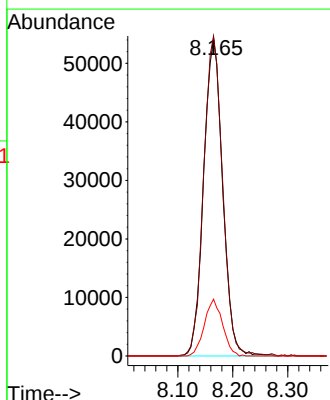
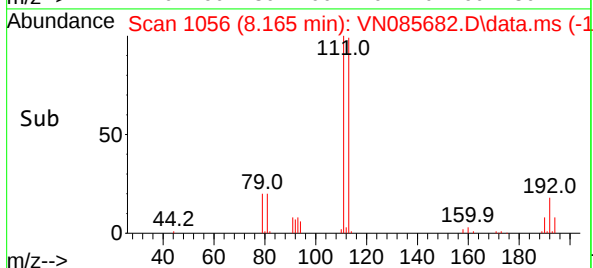
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

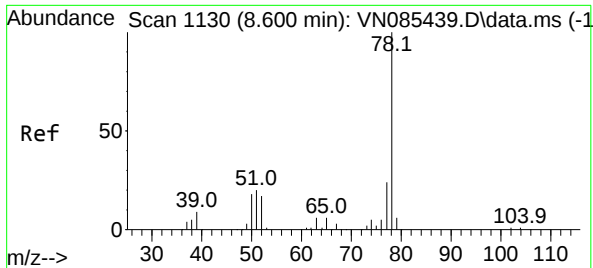


#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11



Tgt Ion:113 Resp: 130204
Ion Ratio Lower Upper
113 100
111 100.6 82.7 124.1
192 17.1 14.3 21.5





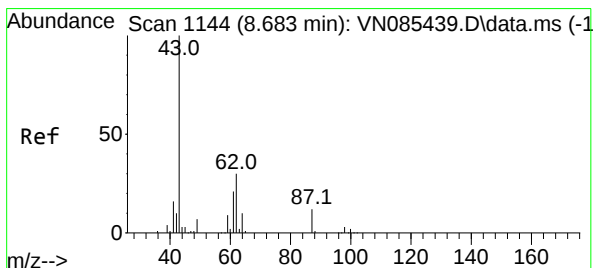
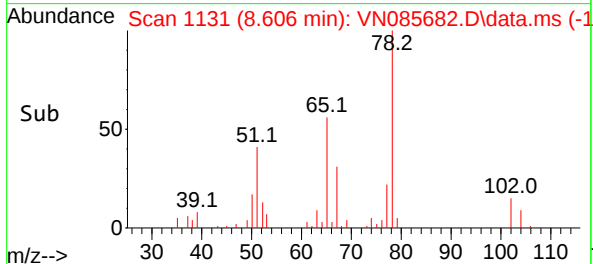
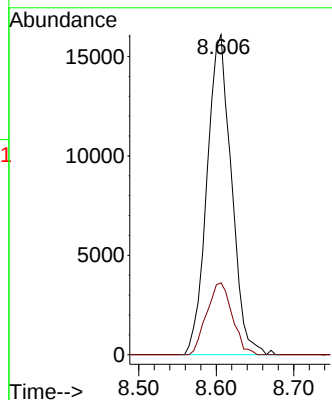
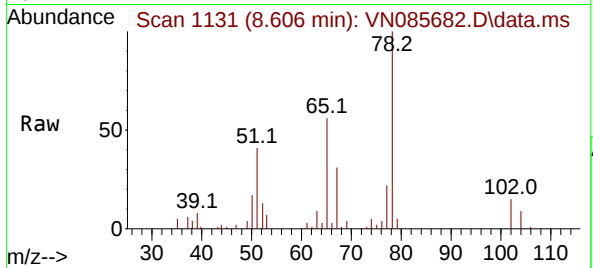
#40
Benzene
Concen: 3.202 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
72-11977

Tgt Ion: 78 Resp: 35254
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6

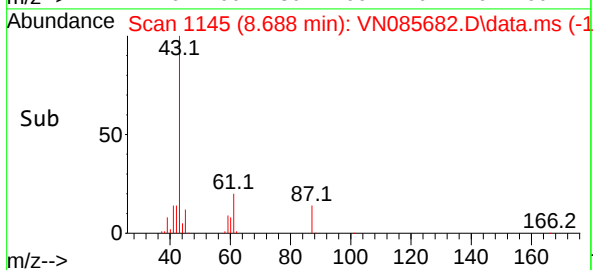
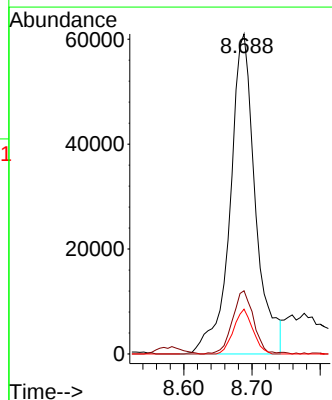
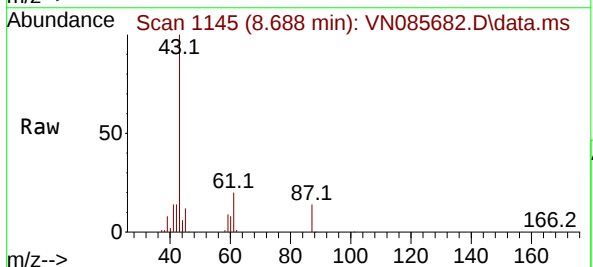
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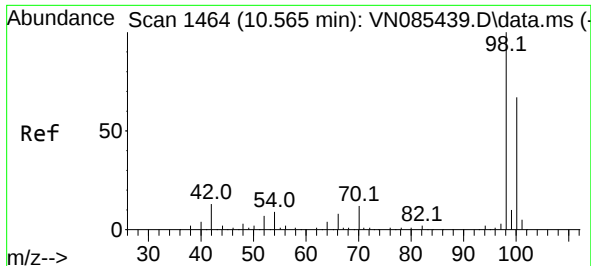
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#43
Isopropyl Acetate
Concen: 26.562 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

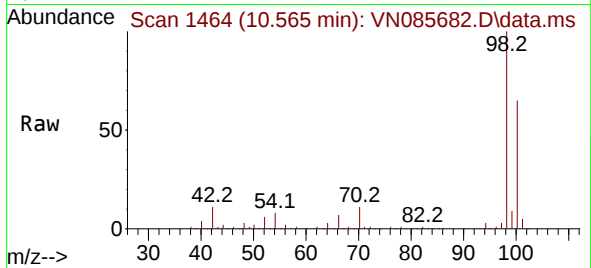
Tgt Ion: 43 Resp: 157428
Ion Ratio Lower Upper
43 100
61 16.5 20.7 31.1#
87 10.6 9.8 14.8





#50
Toluene-d8
Concen: 52.307 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

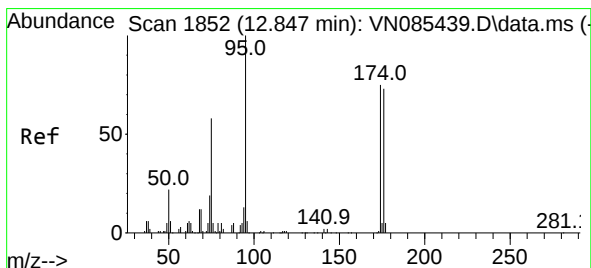
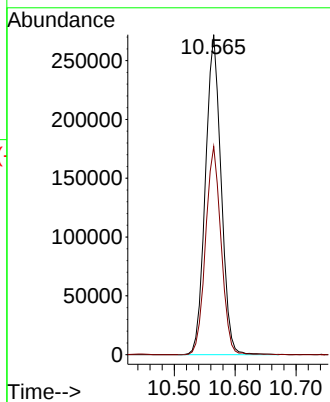
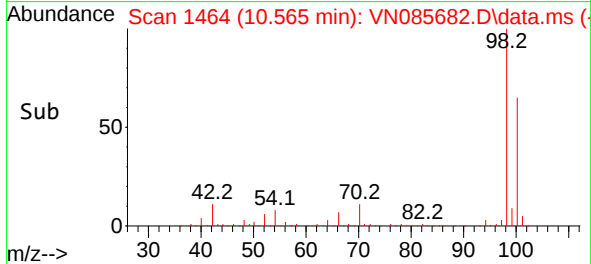
Instrument :
MSVOA_N
ClientSampleId :
72-11977



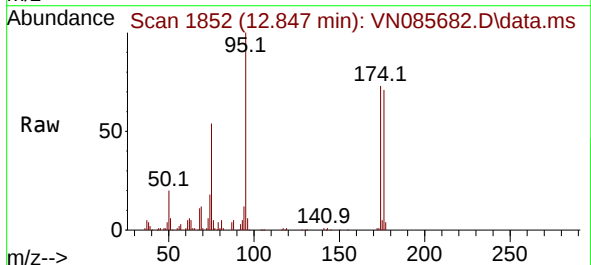
Tgt Ion: 98 Resp: 48525
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

Manual Integrations
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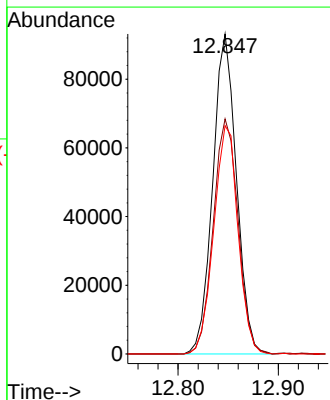
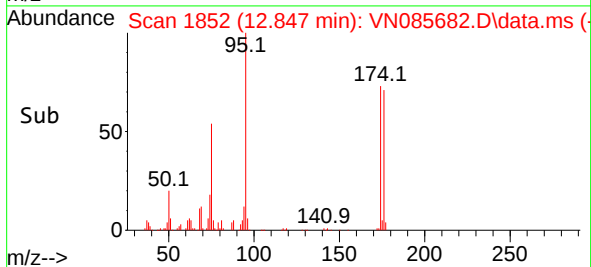
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

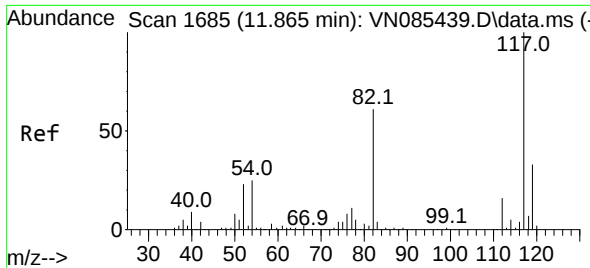


#62
4-Bromofluorobenzene
Concen: 48.225 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11



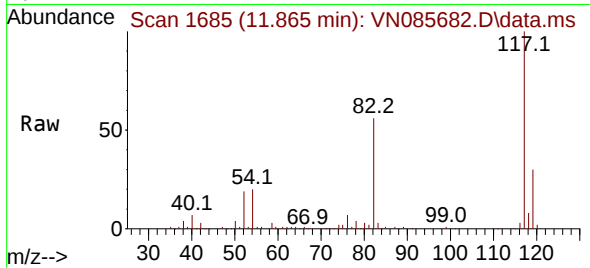
Tgt Ion: 95 Resp: 153037
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.0
176 73.1 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

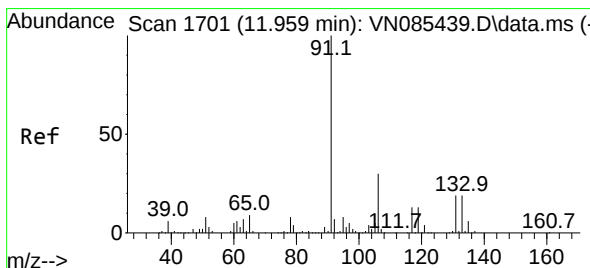
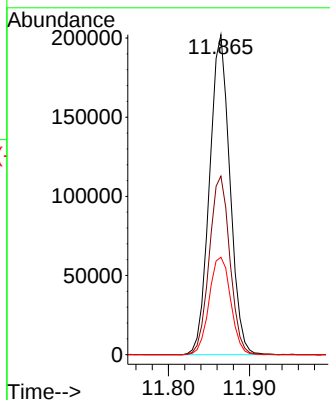
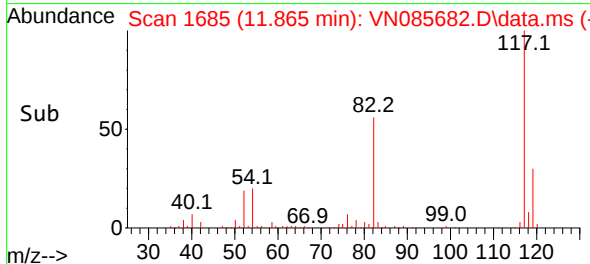
Instrument :
MSVOA_N
ClientSampleId :
72-11977



Tgt Ion:117 Resp: 352740
Ion Ratio Lower Upper
117 100
82 55.8 48.6 72.8
119 30.5 26.6 39.8

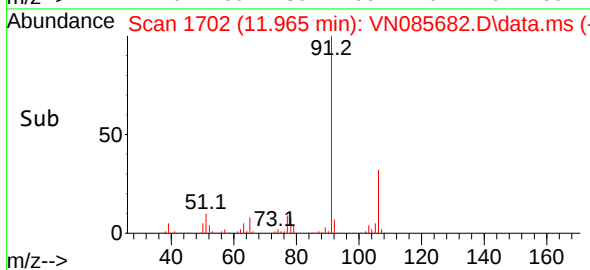
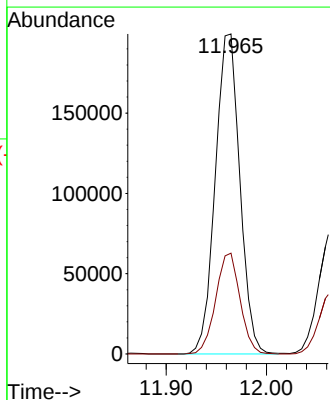
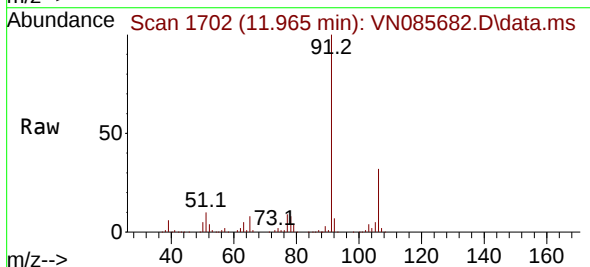
Manual Integrations
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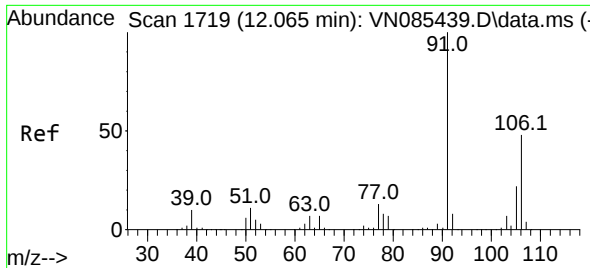
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#67
Ethyl Benzene
Concen: 26.957 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

Tgt Ion: 91 Resp: 339283
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.8





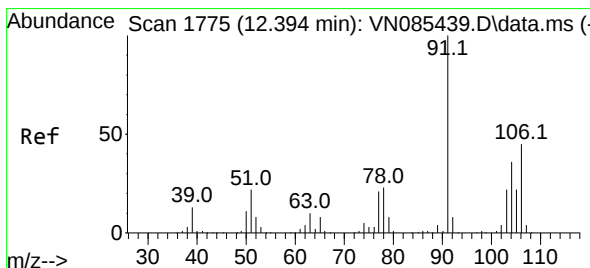
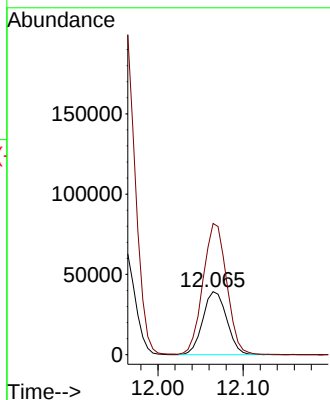
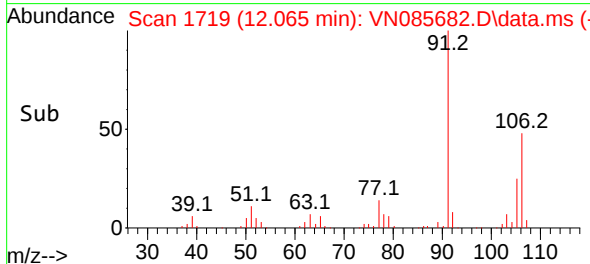
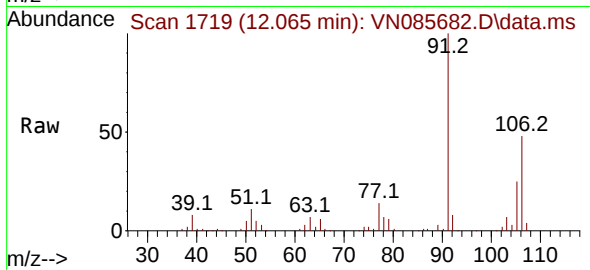
#68
m/p-Xylenes
Concen: 16.440 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
72-11977

Tgt Ion:106 Resp: 76470
Ion Ratio Lower Upper
106 100
91 207.4 167.7 251.5

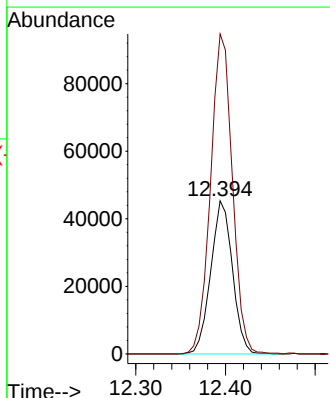
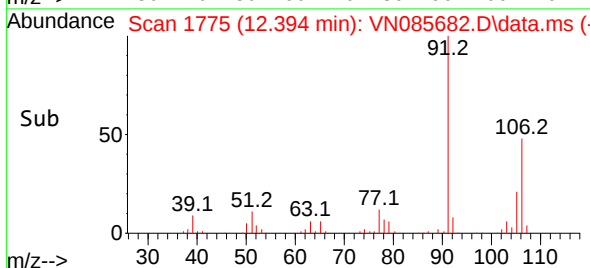
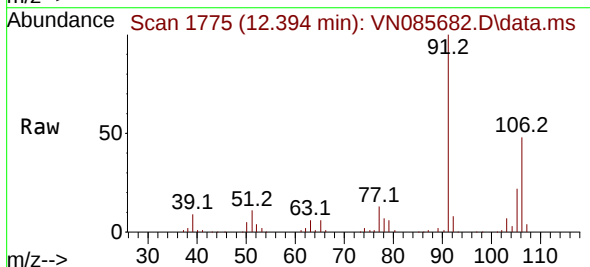
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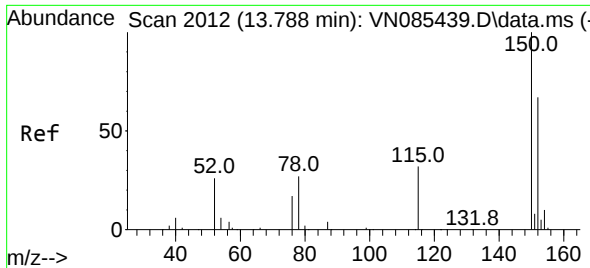
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#69
o-Xylene
Concen: 17.129 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

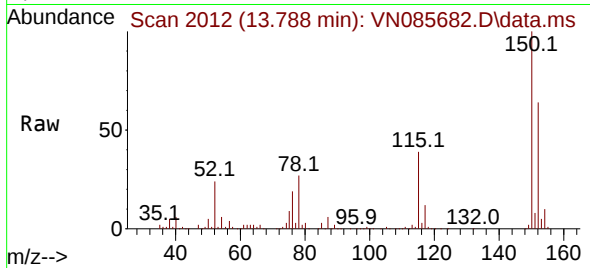
Tgt Ion:106 Resp: 76144
Ion Ratio Lower Upper
106 100
91 210.3 110.4 331.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

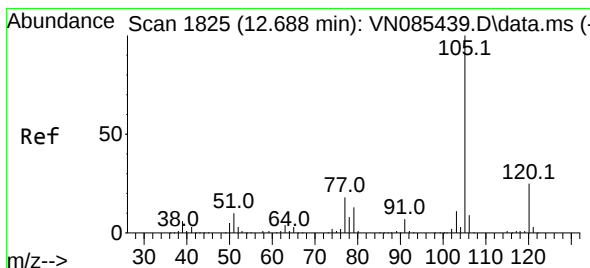
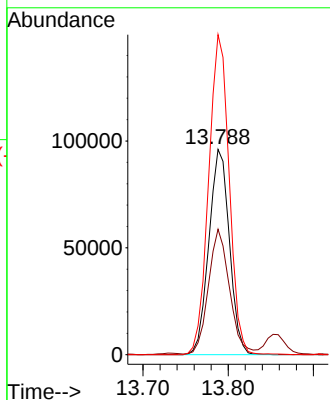
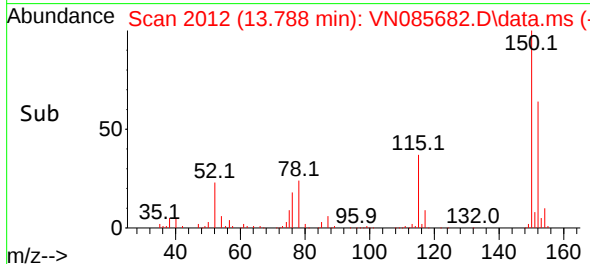
Instrument :
MSVOA_N
ClientSampleId :
72-11977



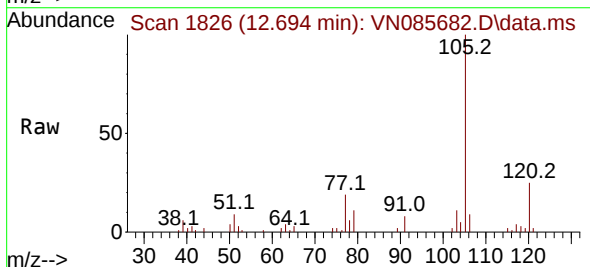
Tgt Ion:152 Resp: 16069
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.3
150 155.8 0.0 343.6

Manual Integrations
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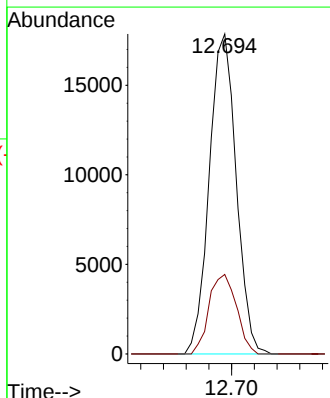
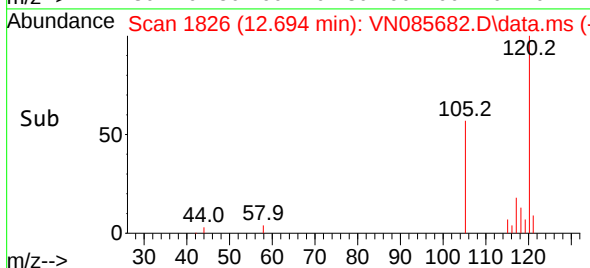
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

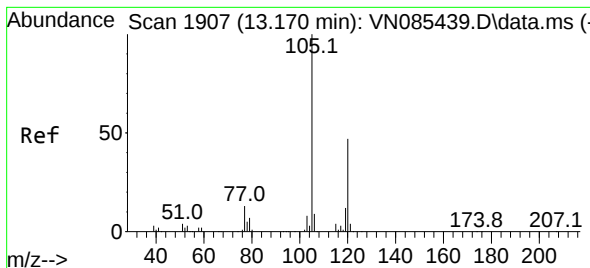


#73
Isopropylbenzene
Concen: 2.715 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11



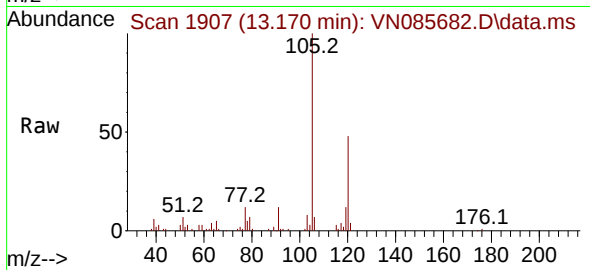
Tgt Ion:105 Resp: 29440
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3





#80
 1,3,5-Trimethylbenzene
 Concen: 6.605 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN085682.D
 Acq: 05 Feb 2025 17:11

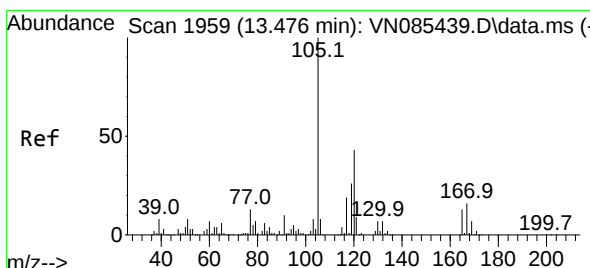
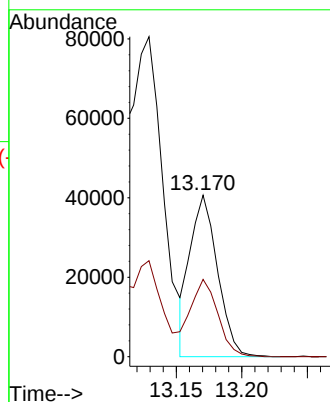
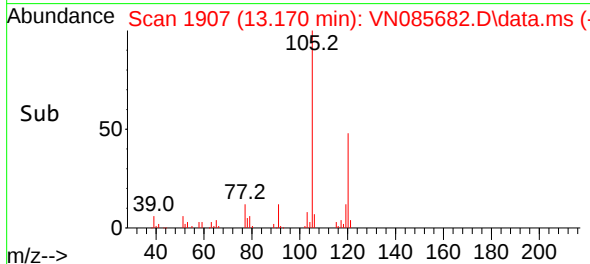
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11977



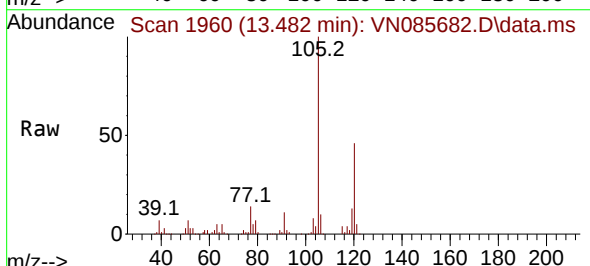
Tgt Ion:105 Resp: 5917
 Ion Ratio Lower Upper
 105 100
 120 50.8 23.9 71.7

Manual Integrations
 APPROVED

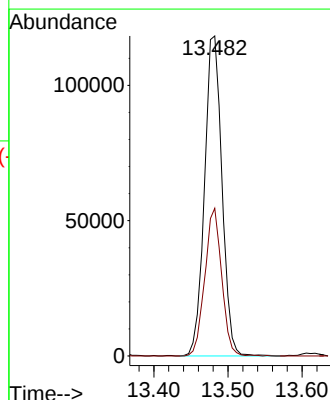
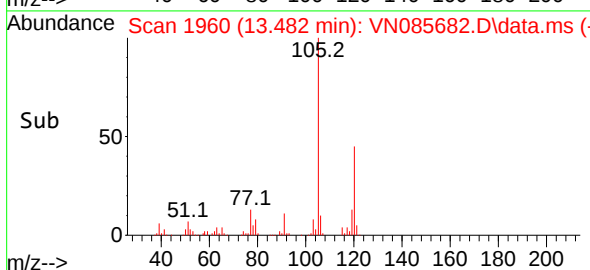
Reviewed By :John Carlone 02/07/2025
 Supervised By :Mahesh Dadoda 02/07/2025

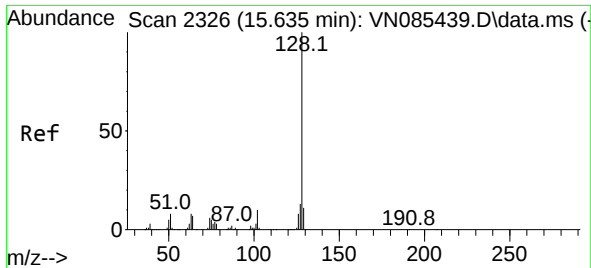


#84
 1,2,4-Trimethylbenzene
 Concen: 21.751 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085682.D
 Acq: 05 Feb 2025 17:11



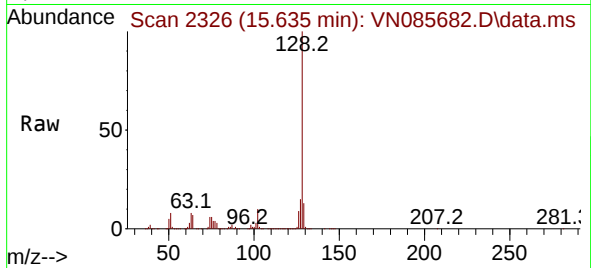
Tgt Ion:105 Resp: 194209
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.6 65.0





#95
Naphthalene
Concen: 2479.484 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085682.D
Acq: 05 Feb 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
72-11977



Tgt Ion:128 Resp:17899218
Ion Ratio Lower Upper
128 100
127 14.2 10.6 16.0
129 11.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

