

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085681.D
 Acq On : 05 Feb 2025 16:47
 Operator : JC\MD
 Sample : PB166529ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#06

Manual Integrations
 APPROVED

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

Quant Time: Feb 06 00:43:38 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	8.218	168	193394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	386995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	156726	50.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	8.165	113	129492	48.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.460%			
50) Toluene-d8	10.565	98	496071	52.004	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.847	95	144489	44.280	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.560%			
Target Compounds						
16) Acetone	4.430	43	34333	34.038	ug/l	94
20) Methylene Chloride	5.271	84	3537m	1.416	ug/l	
43) Isopropyl Acetate	8.682	43	179634	29.476	ug/l #	86

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

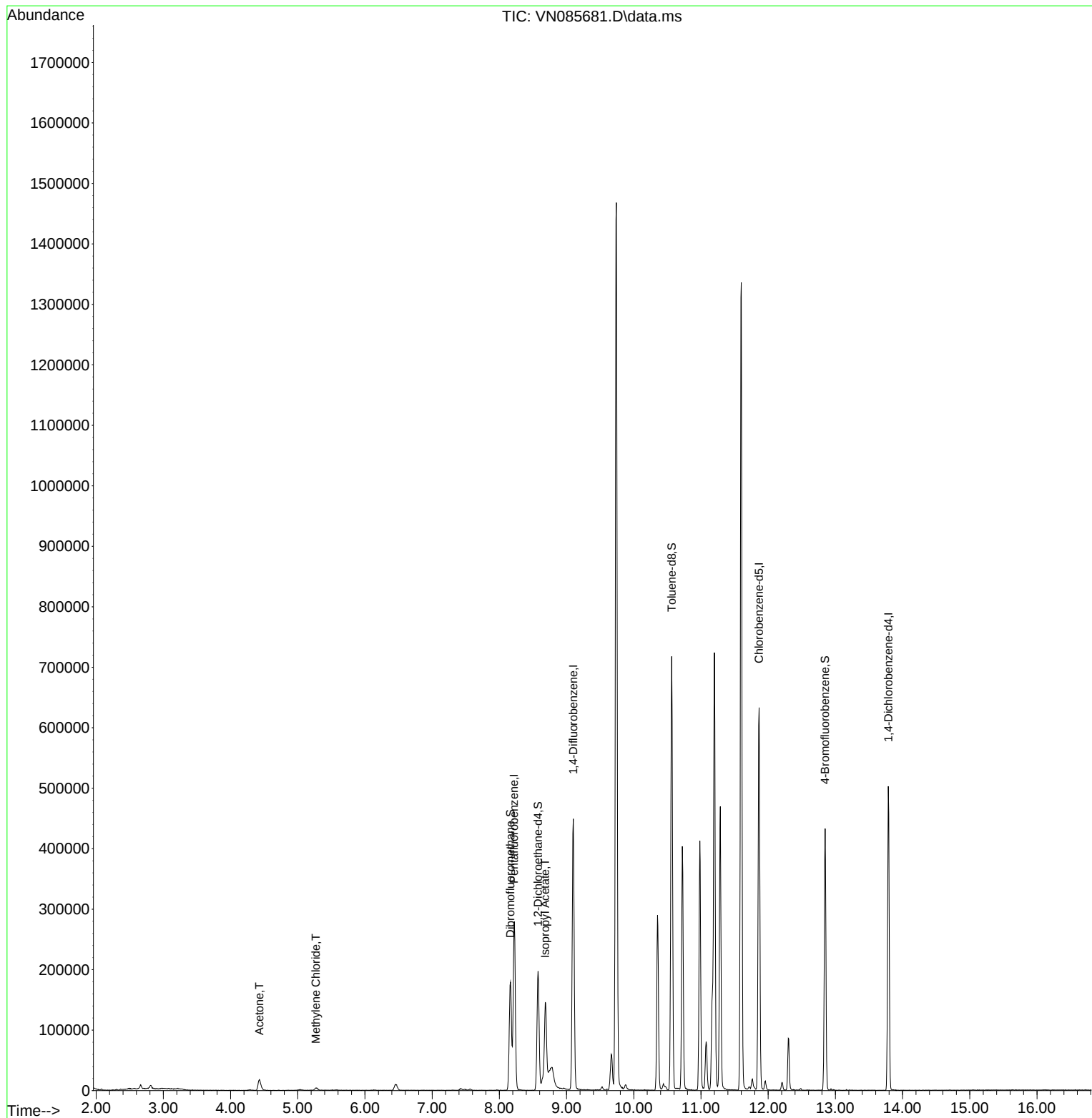
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Data File : VN085681.D
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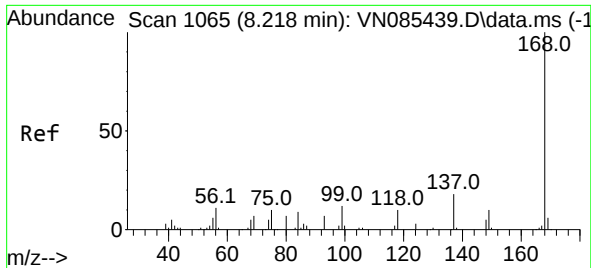
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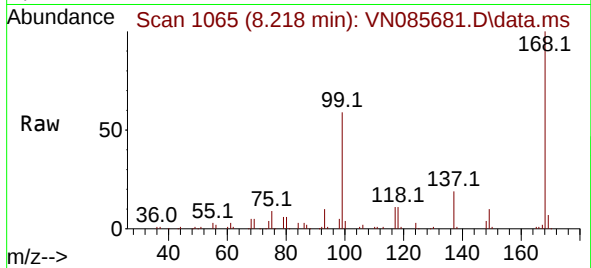
Quant Time: Feb 06 00:43:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47

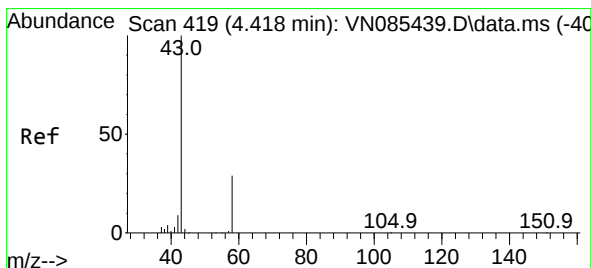
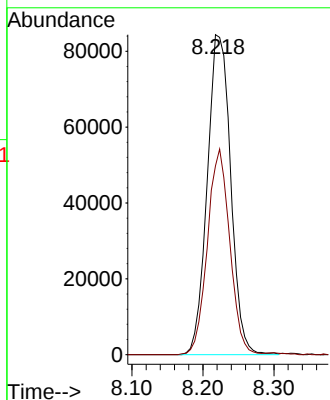
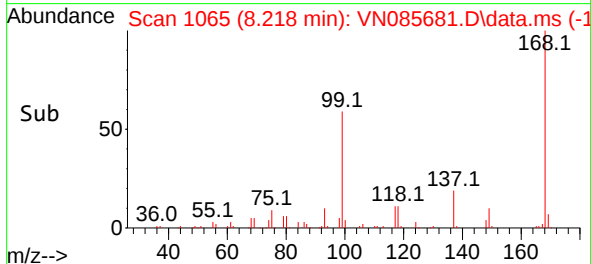
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#06



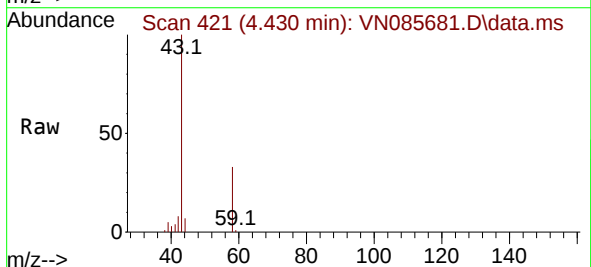
Tgt Ion:168 Resp: 193394
Ion Ratio Lower Upper
168 100
99 59.0 53.6 80.4

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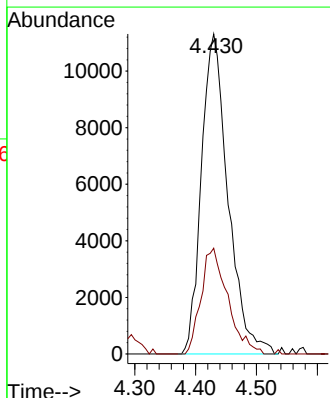
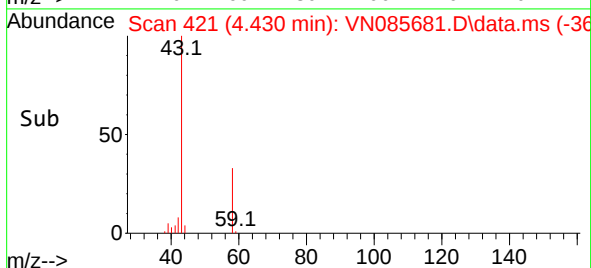
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

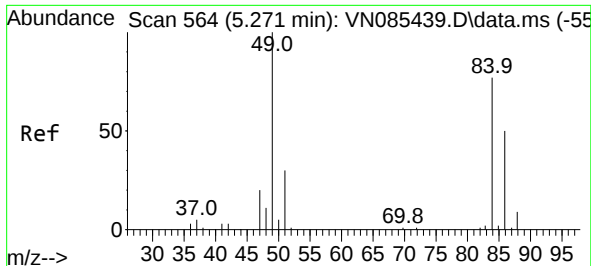


#16
Acetone
Concen: 34.038 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47



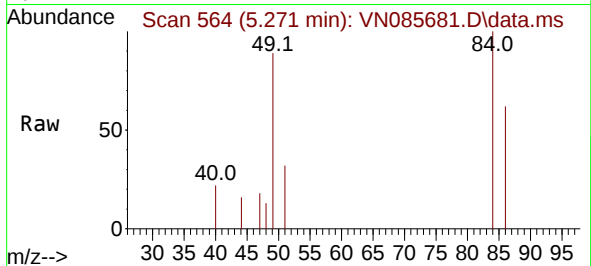
Tgt Ion: 43 Resp: 34333
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6





#20
Methylene Chloride
Concen: 1.416 ug/l m
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47

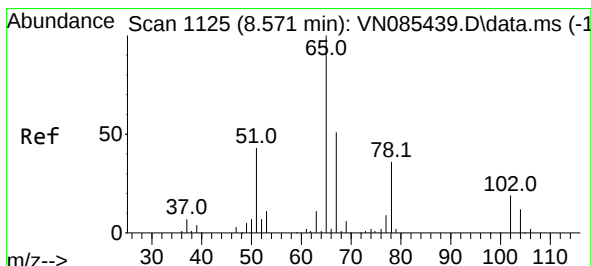
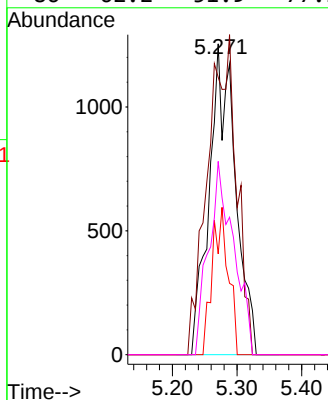
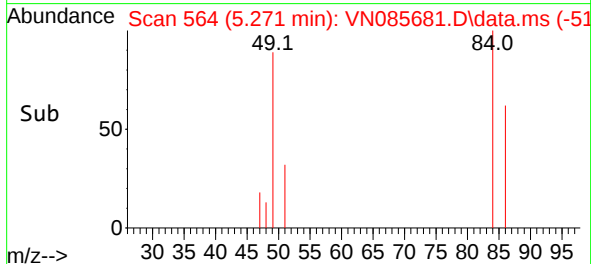
Instrument :
MSVOA_N
ClientSampleId :
PB166529ZHE#06



Tgt Ion: 84 Resp: 353
Ion Ratio Lower Upper
84 100
49 89.2 104.1 156.1
51 32.4 31.0 46.4
86 62.2 51.9 77.9

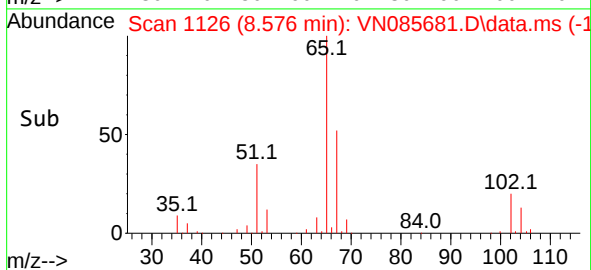
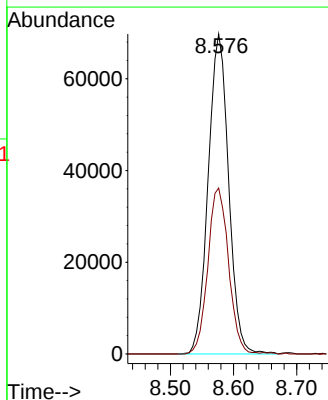
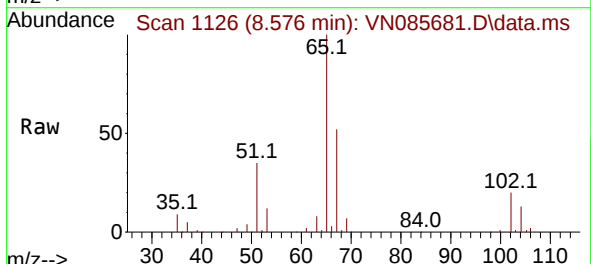
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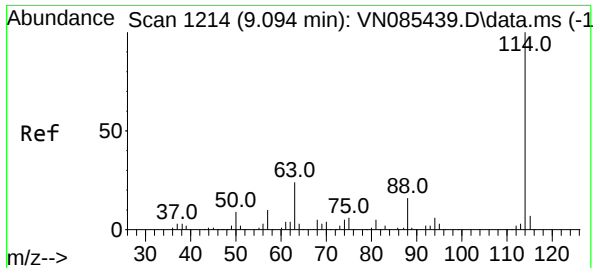
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025



#33
1,2-Dichloroethane-d4
Concen: 50.204 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47

Tgt Ion: 65 Resp: 156726
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085681.D

Acq: 05 Feb 2025 16:47

Instrument :

MSVOA_N

ClientSampleId :

PB166529ZHE#06

Tgt Ion:114 Resp: 38699

Ion Ratio Lower Upper

114 100

63 19.6 0.0 47.6

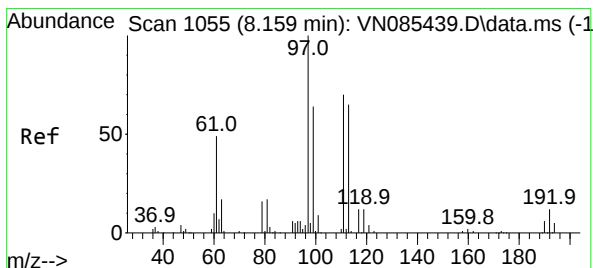
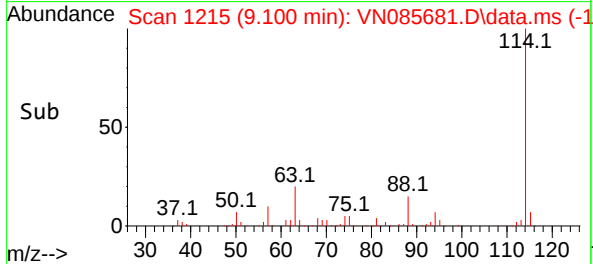
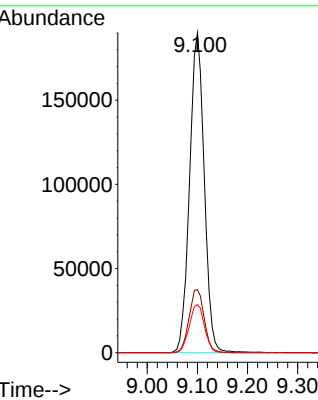
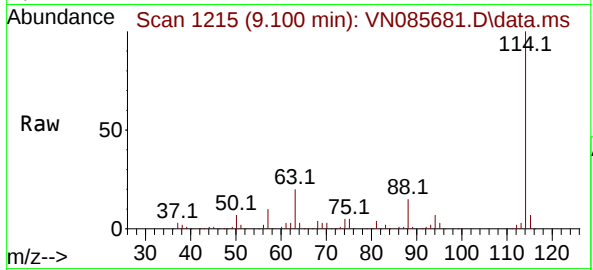
88 15.0 0.0 32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 02/07/2025



#35

Dibromofluoromethane

Concen: 48.232 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085681.D

Acq: 05 Feb 2025 16:47

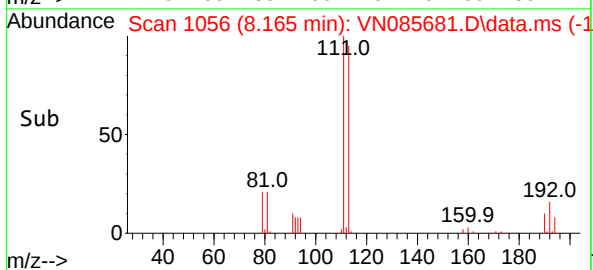
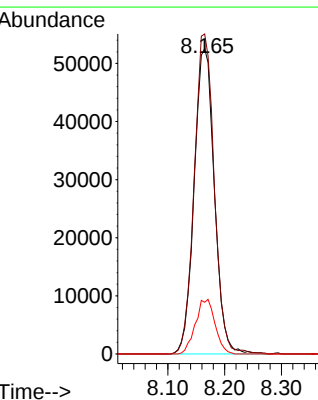
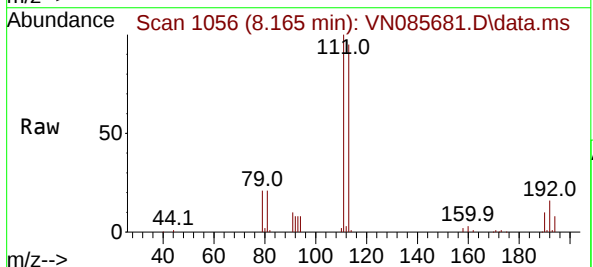
Tgt Ion:113 Resp: 129492

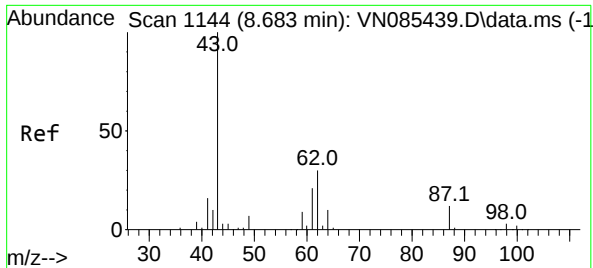
Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

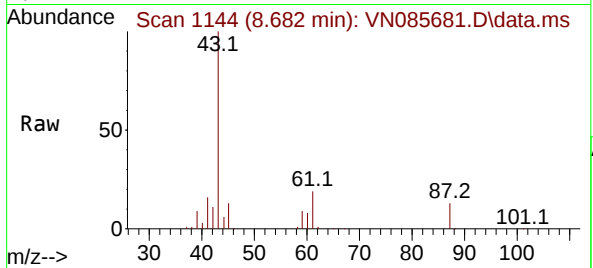
192 17.4 14.3 21.5





#43
Isopropyl Acetate
Concen: 29.476 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47

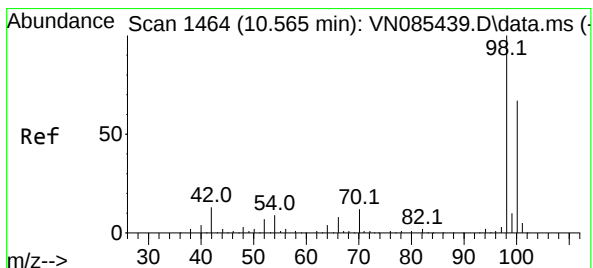
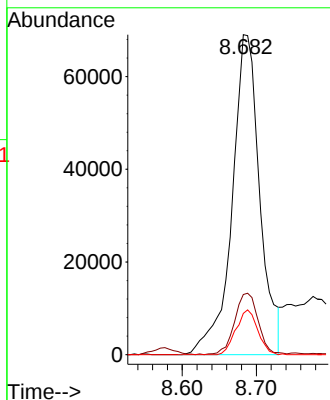
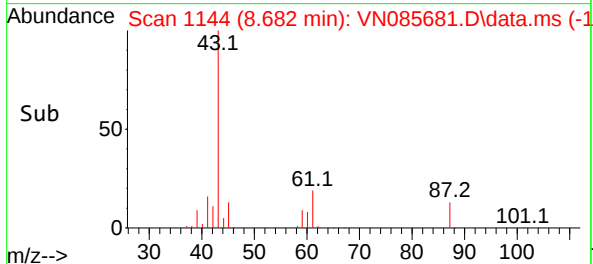
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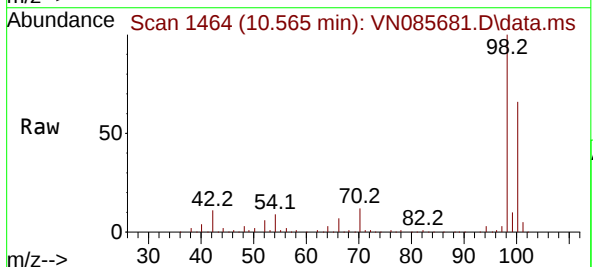
Tgt Ion: 43 Resp: 179634
Ion Ratio Lower Upper
43 100
61 16.4 20.7 31.1
87 11.0 9.8 14.8

Manual Integrations
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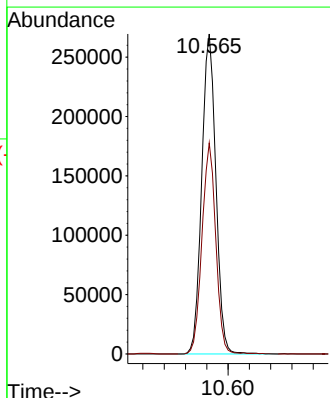
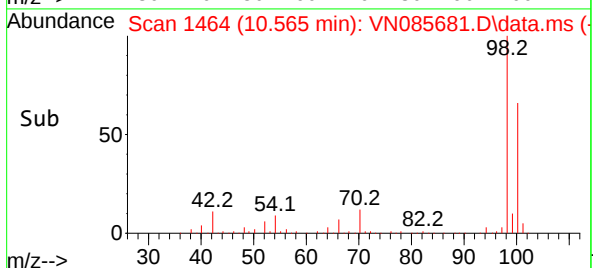
Reviewed By :John Carlone 02/07/2025
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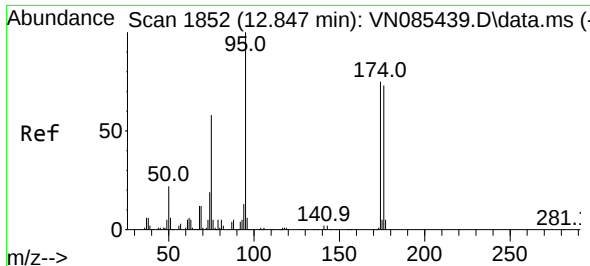


#50
Toluene-d8
Concen: 52.004 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47



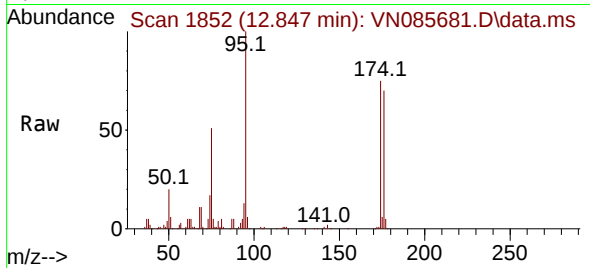
Tgt Ion: 98 Resp: 496071
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 44.280 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47

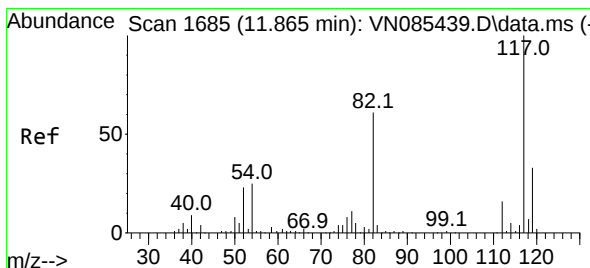
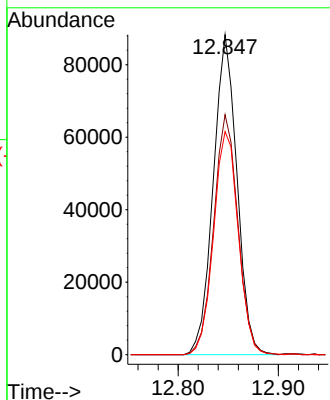
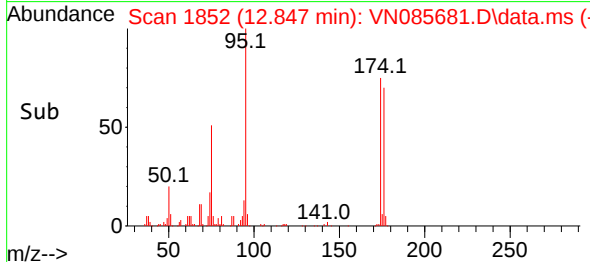
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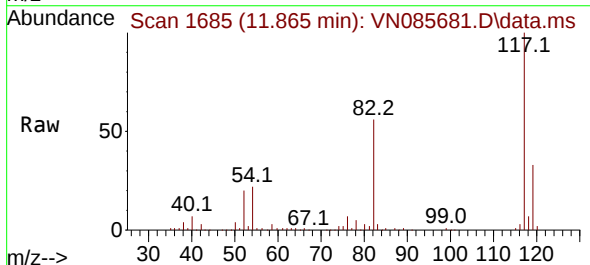
Tgt Ion: 95 Resp: 144489
Ion Ratio Lower Upper
95 100
174 76.6 0.0 145.0
176 72.9 0.0 142.4

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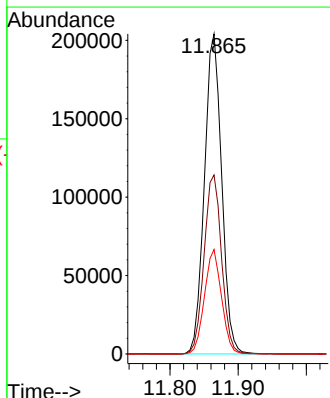
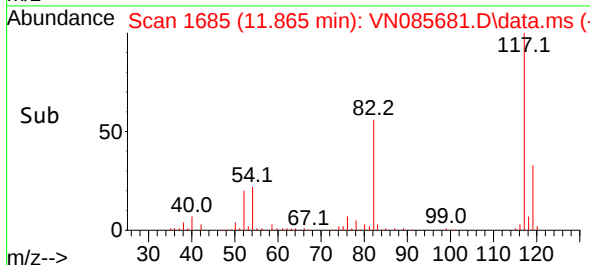
Reviewed By :John Carlone 02/07/2025
Supervised By :Mahesh Dadoda 02/07/2025

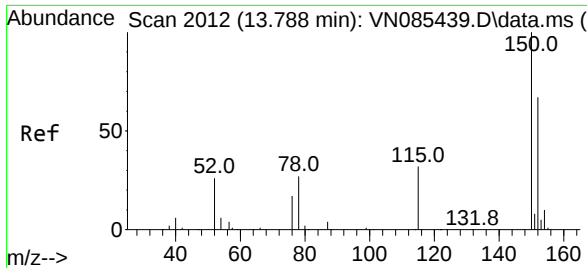


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085681.D
Acq: 05 Feb 2025 16:47



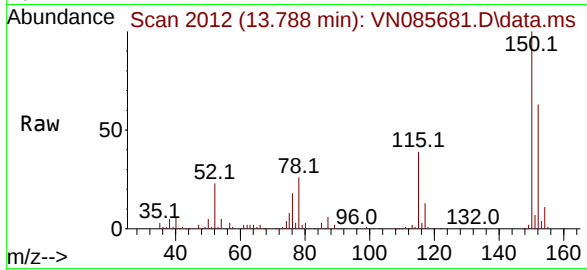
Tgt Ion:117 Resp: 359796
Ion Ratio Lower Upper
117 100
82 56.0 48.6 72.8
119 32.6 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085681.D
 Acq: 05 Feb 2025 16:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166529ZHE#06



Tgt Ion:152 Resp: 131069
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.1 93.3
 150 159.0 0.0 343.6

Manual Integrations
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