

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085705.D
 Acq On : 07 Feb 2025 18:41
 Operator : JC\MD
 Sample : PB166592ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166592ZHE#07

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2025
 Supervised By : Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 22:35:24 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	193873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	393533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172003	54.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.920%		
35) Dibromofluoromethane	8.165	113	140990	51.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.280%		
50) Toluene-d8	10.565	98	512415	52.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.660%		
62) 4-Bromofluorobenzene	12.847	95	140224	42.259	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 84.520%		
Target Compounds						Qvalue
16) Acetone	4.430	43	37332	36.920	ug/l	99
18) Methyl Acetate	5.030	43	3701m	1.204	ug/l	
20) Methylene Chloride	5.265	84	3003	1.200	ug/l #	85
43) Isopropyl Acetate	8.683	43	213683	34.481	ug/l #	85

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

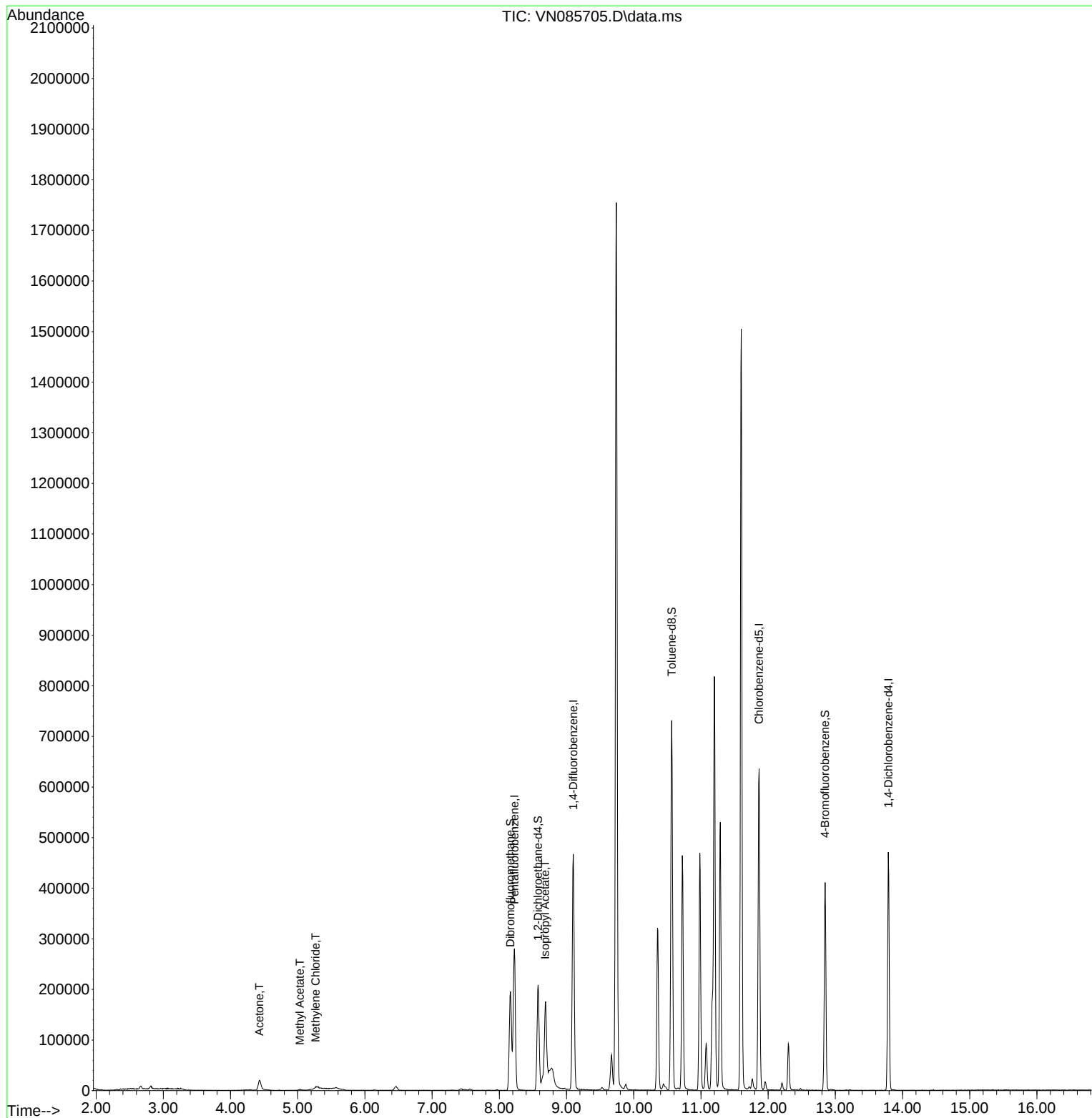
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
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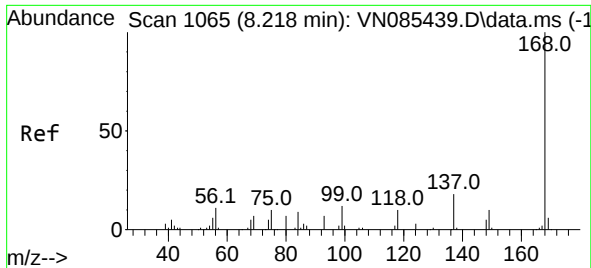
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#07

Quant Time: Feb 07 22:35:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
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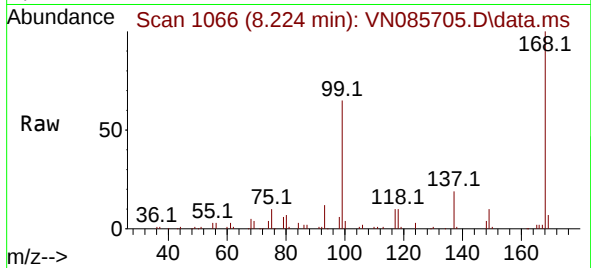
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

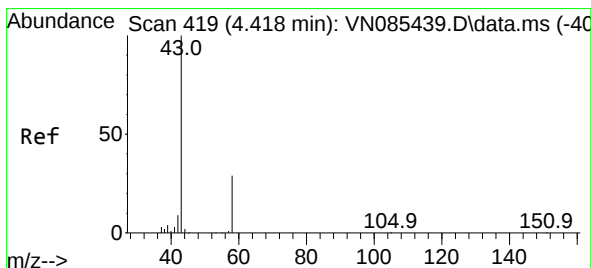
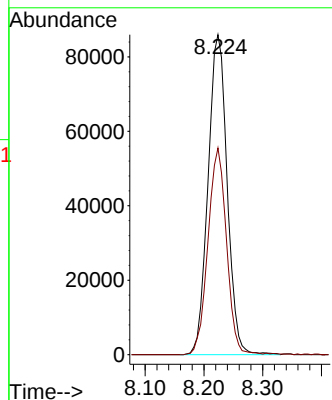
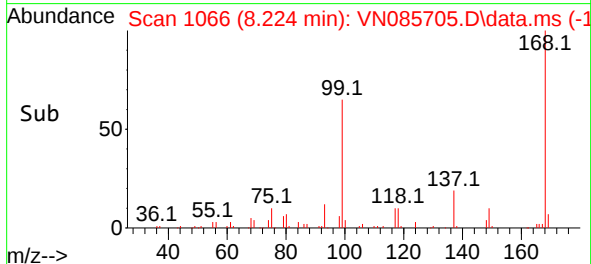
Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#07



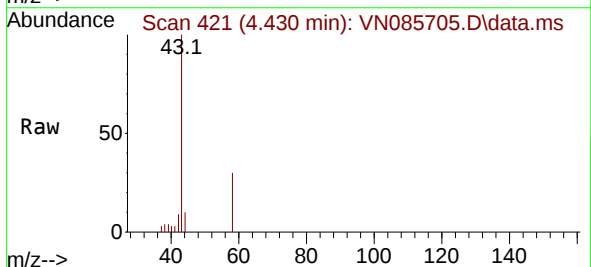
Tgt Ion:168 Resp: 19387
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4

Manual Integrations
APPROVED

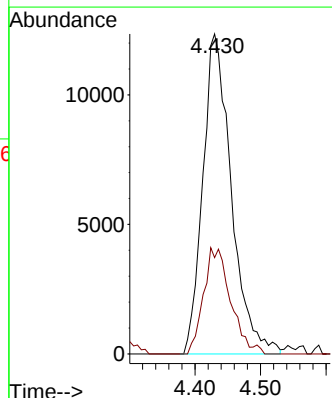
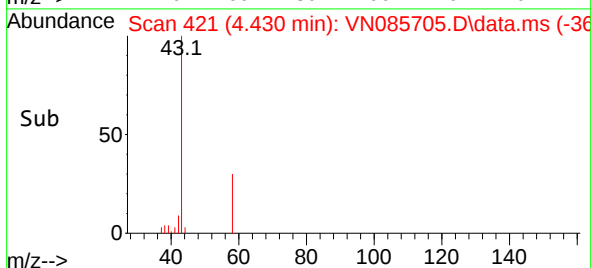
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

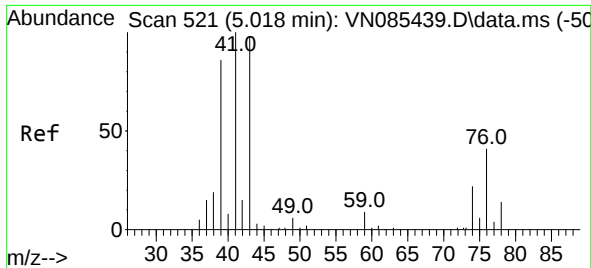


#16
Acetone
Concen: 36.920 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41



Tgt Ion: 43 Resp: 37332
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6





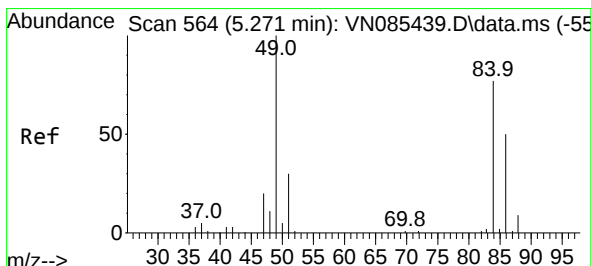
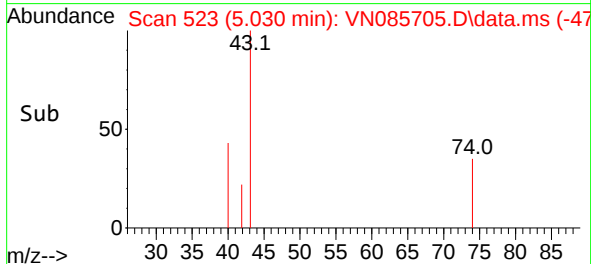
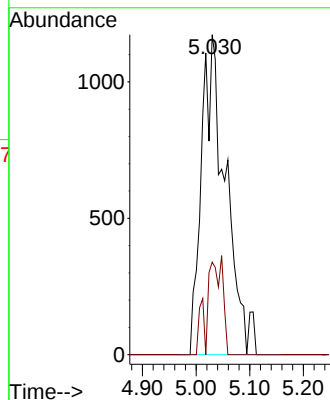
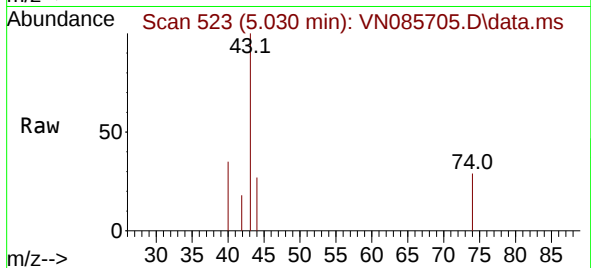
#18
Methyl Acetate
Concen: 1.204 ug/l m
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

Instrument :
MSVOA_N
ClientSampleId :
PB166592ZHE#07

Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0

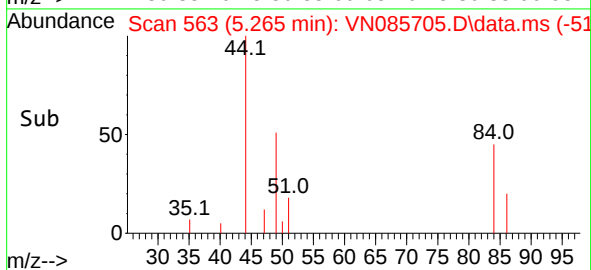
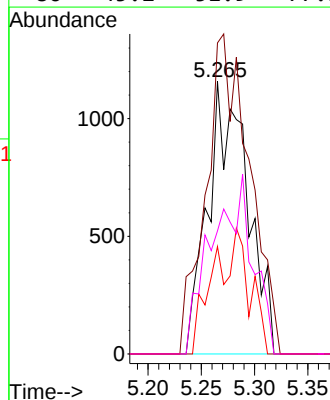
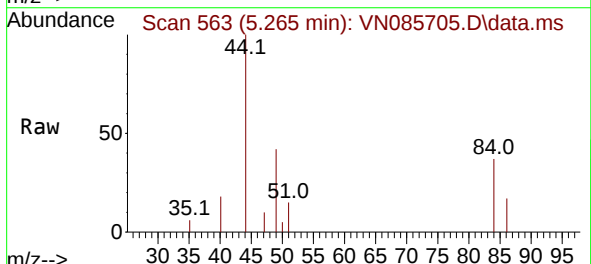
Manual Integrations
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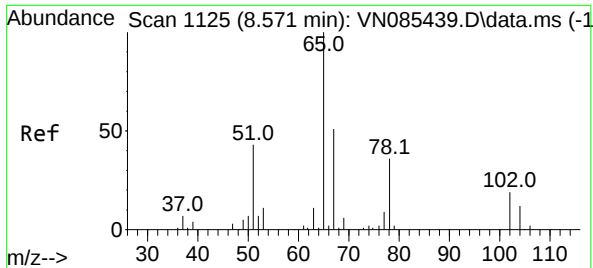
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#20
Methylene Chloride
Concen: 1.200 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

Tgt Ion: 84 Resp: 3003
Ion Ratio Lower Upper
84 100
49 114.2 104.1 156.1
51 39.4 31.0 46.4
86 45.2 51.9 77.9





#33

1,2-Dichloroethane-d4

Concen: 54.962 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085705.D

Acq: 07 Feb 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

PB166592ZHE#07

Tgt Ion: 65 Resp: 172000

Ion Ratio Lower Upper

65 100

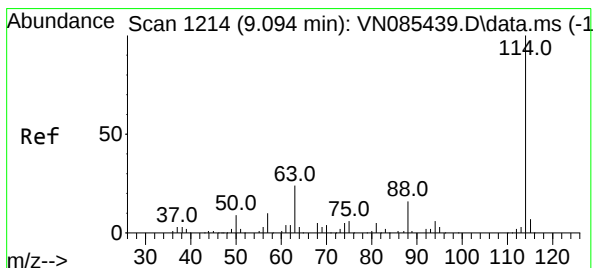
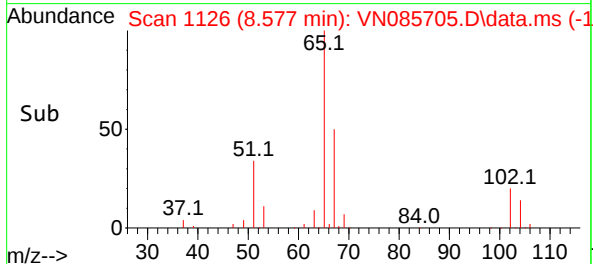
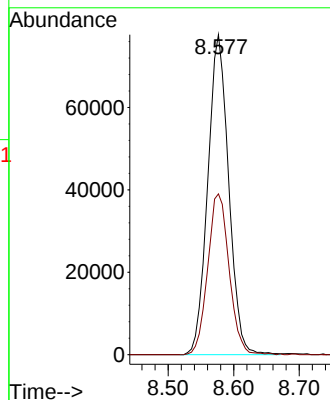
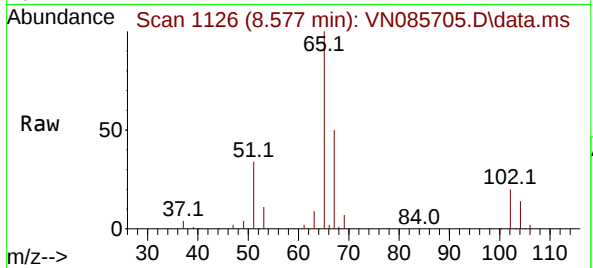
67 51.5 0.0 101.6

Manual Integrations

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Supervised By :Mahesh Dadoda 02/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085705.D

Acq: 07 Feb 2025 18:41

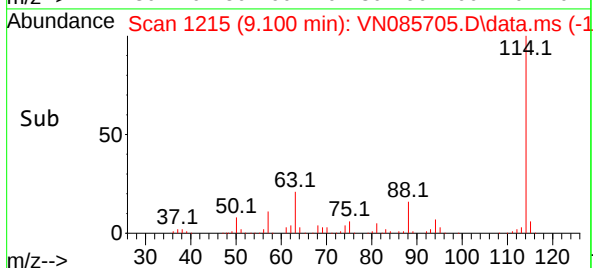
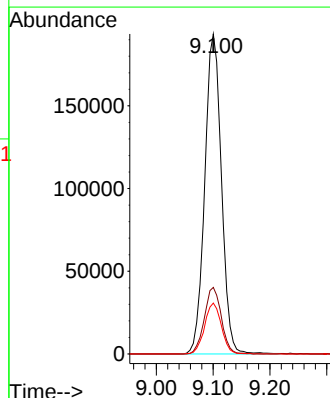
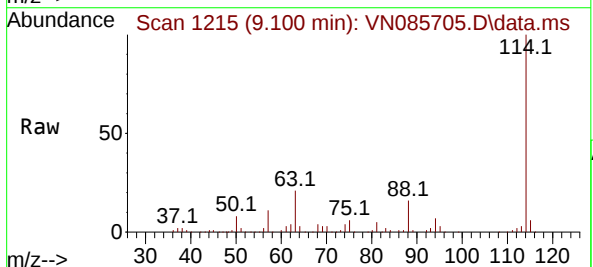
Tgt Ion:114 Resp: 393533

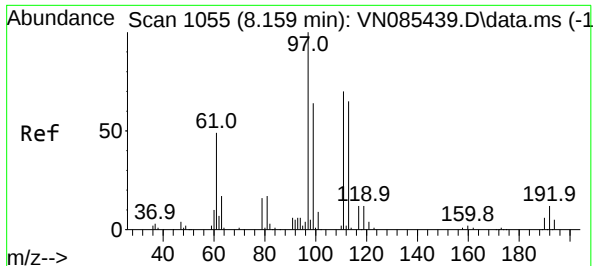
Ion Ratio Lower Upper

114 100

63 20.8 0.0 47.6

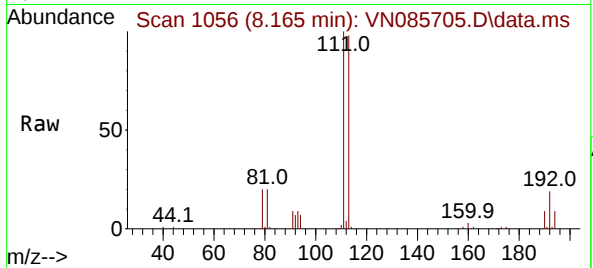
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.642 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

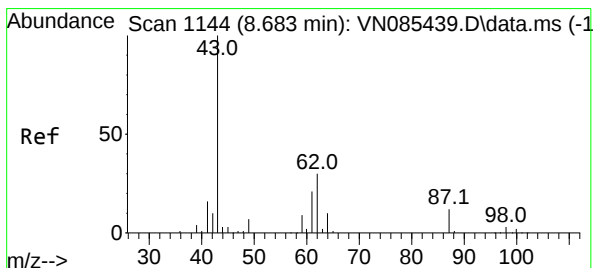
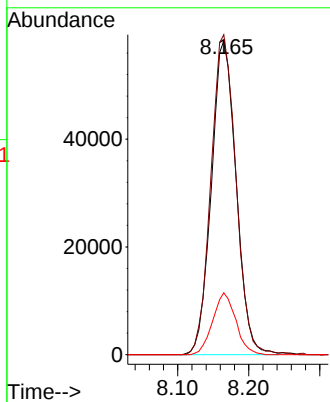
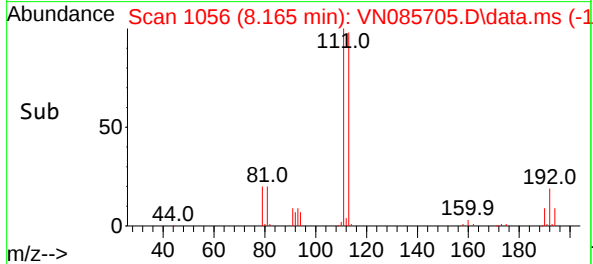
Instrument :
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ClientSampleId :
PB166592ZHE#07



Tgt Ion: 113 Resp: 140990
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 18.4 14.3 21.5

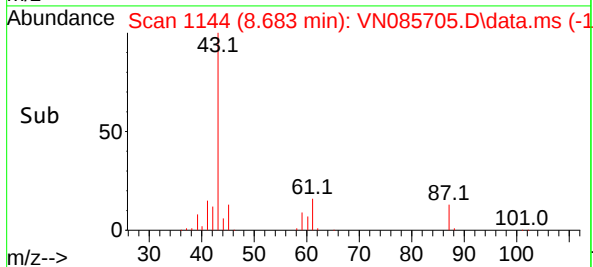
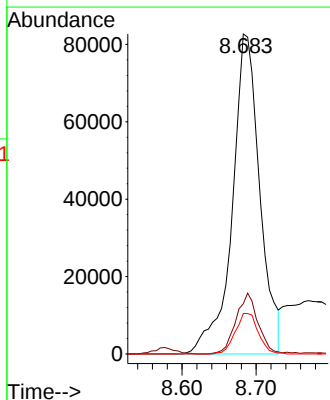
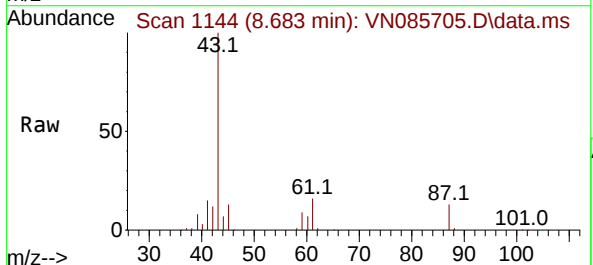
Manual Integrations
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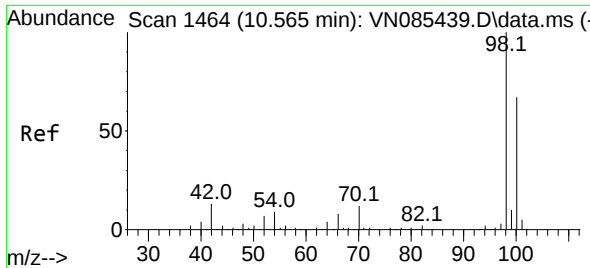
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#43
Isopropyl Acetate
Concen: 34.481 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

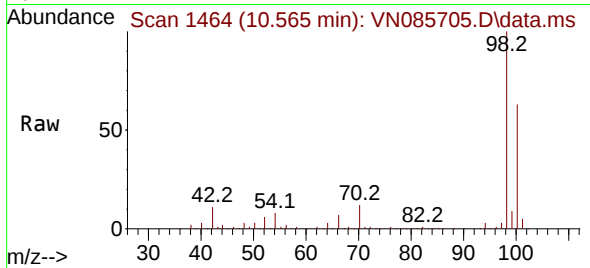
Tgt Ion: 43 Resp: 213683
Ion Ratio Lower Upper
43 100
61 15.4 20.7 31.1#
87 10.6 9.8 14.8





#50
Toluene-d8
Concen: 52.825 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

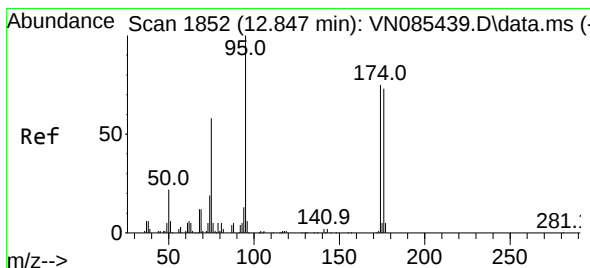
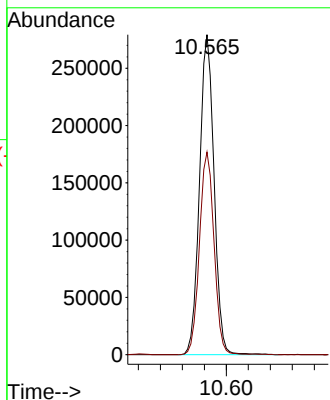
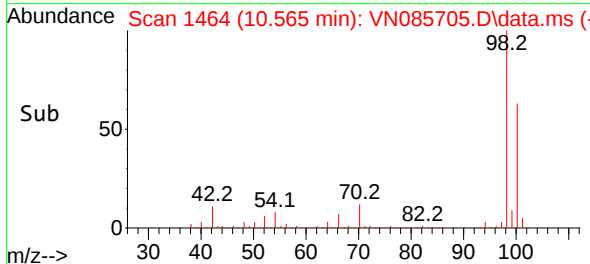
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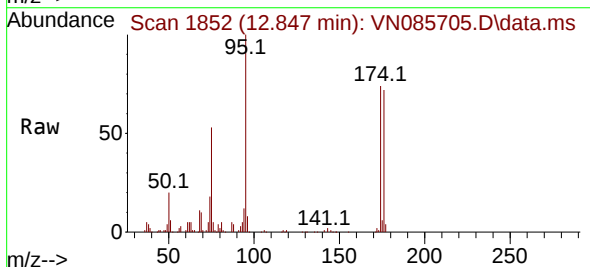
Tgt Ion: 98 Resp: 512415
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

Manual Integrations
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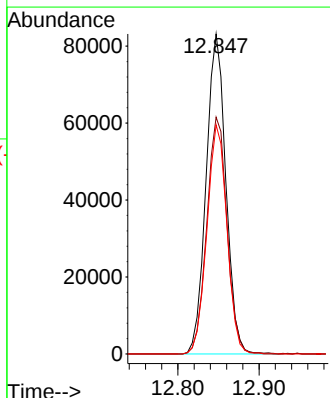
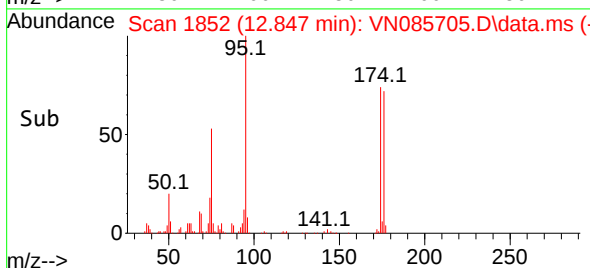
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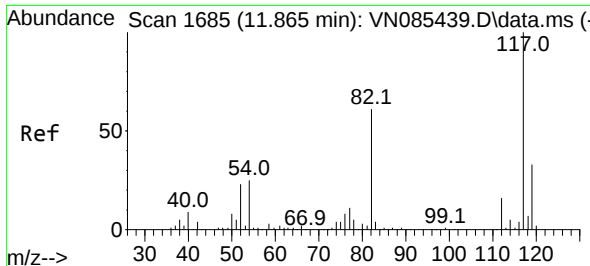


#62
4-Bromofluorobenzene
Concen: 42.259 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41



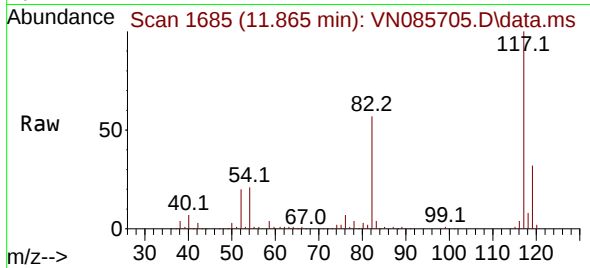
Tgt Ion: 95 Resp: 140224
Ion Ratio Lower Upper
95 100
174 76.2 0.0 145.0
176 72.4 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41

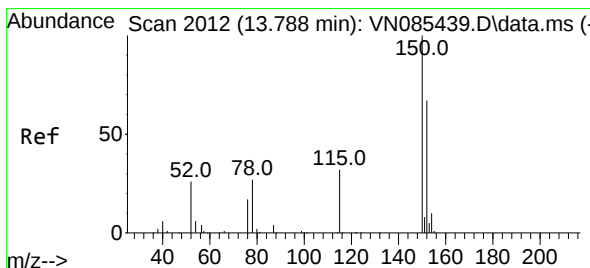
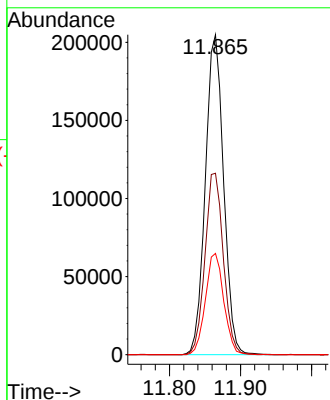
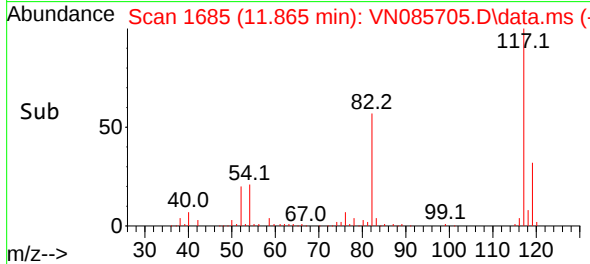
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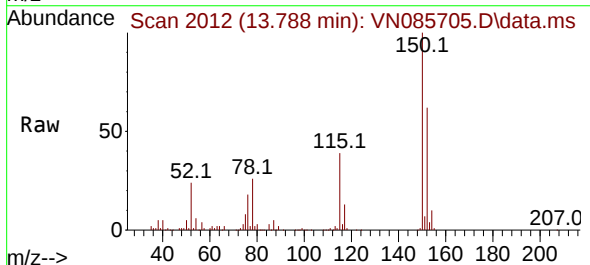
Tgt Ion:117 Resp: 366015
Ion Ratio Lower Upper
117 100
82 56.7 48.6 72.8
119 31.7 26.6 39.8

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085705.D
Acq: 07 Feb 2025 18:41



Tgt Ion:152 Resp: 123808
Ion Ratio Lower Upper
152 100
115 62.4 31.1 93.3
150 159.0 0.0 343.6

