

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085824.D
 Acq On : 21 Feb 2025 23:49
 Operator : JC\MD
 Sample : Q1405-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2025
 Supervised By : Mahesh Dadoda 02/24/2025

Quant Time: Feb 22 02:45:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	239211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	408946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187355	60.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.820%			
35) Dibromofluoromethane	8.159	113	164845	54.771	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.540%			
50) Toluene-d8	10.565	98	554626	50.650	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.847	95	164557	45.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.220%			
Target Compounds						
3) Chloromethane	2.359	50	1040	0.319	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	2734	0.945	ug/l #	84
16) Acetone	4.447	43	1557m	1.587	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	7591	2.318	ug/l	93
44) Trichloroethene	9.347	130	31231	9.317	ug/l	92
64) Tetrachloroethene	11.100	164	2829	0.893	ug/l #	87

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

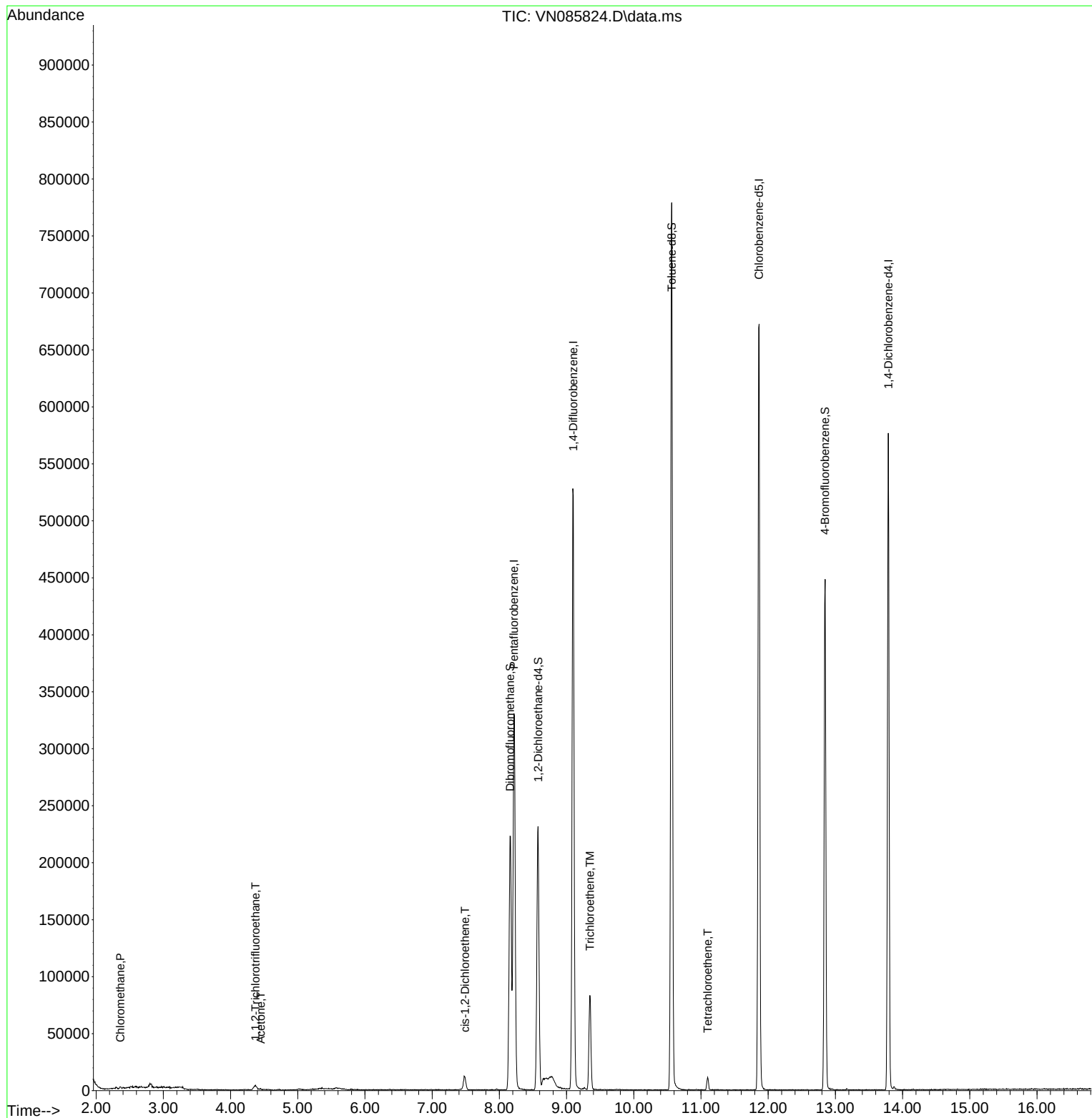
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085824.D
Acq On : 21 Feb 2025 23:49
Operator : JC\MD
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ALS Vial : 26 Sample Multiplier: 1

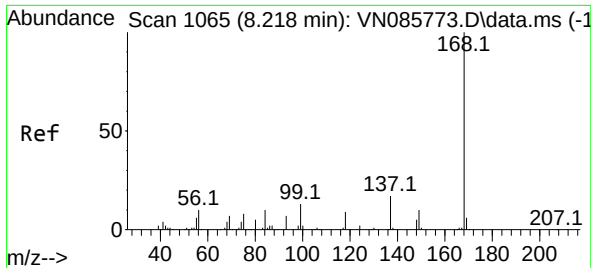
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

Quant Time: Feb 22 02:45:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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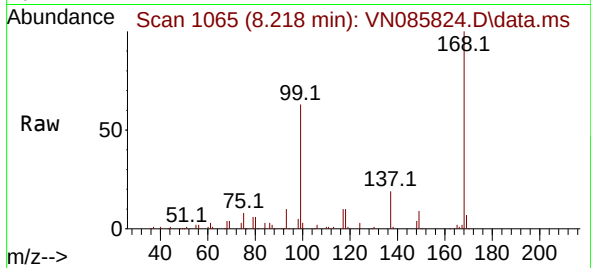
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

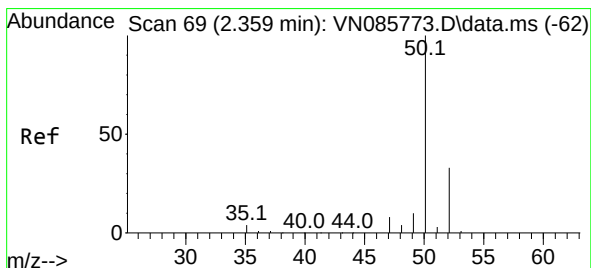
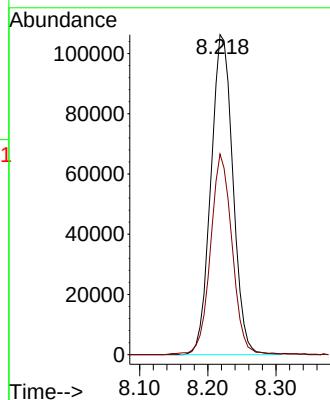
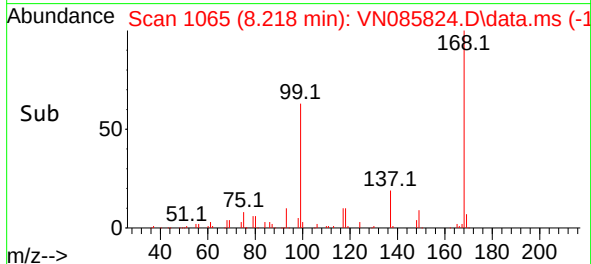
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325



Tgt Ion:168 Resp: 23921
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9

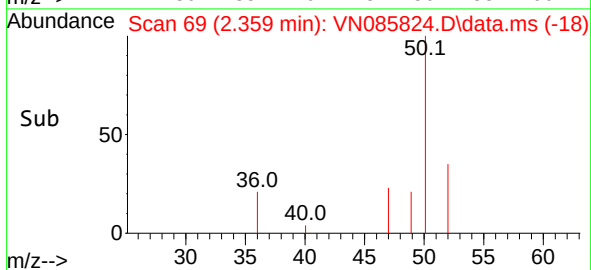
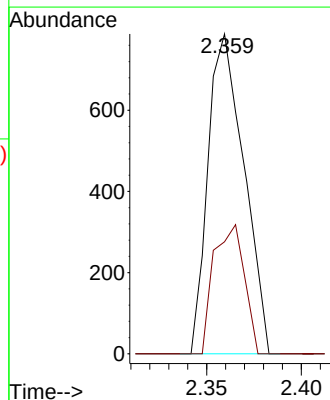
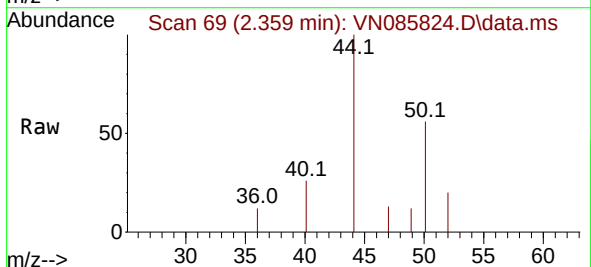
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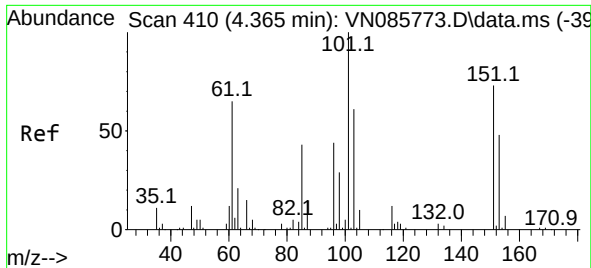
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

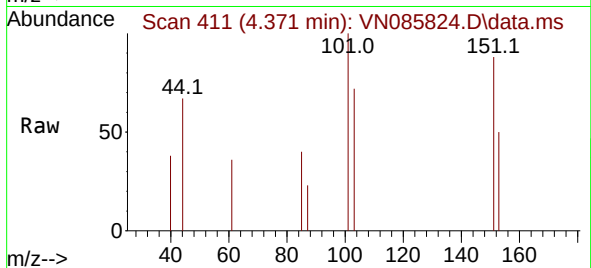
Tgt Ion: 50 Resp: 1040
Ion Ratio Lower Upper
50 100
52 35.0 26.7 40.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.945 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

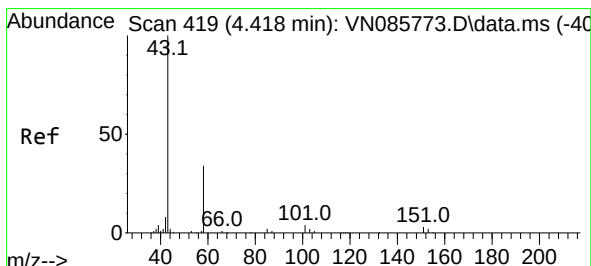
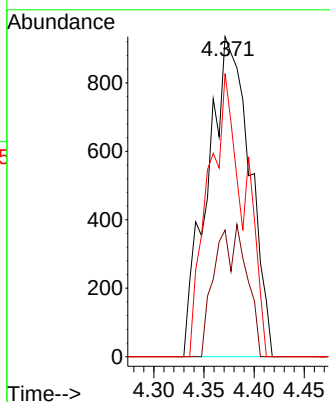
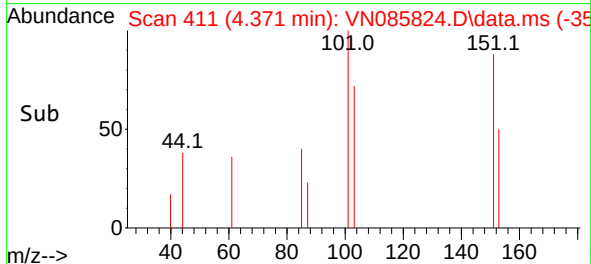
Instrument :
MSVOA_N
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MW-20D-FD-021325



Tgt Ion:101 Resp: 2734
Ion Ratio Lower Upper
101 100
85 17.5 35.7 53.5
151 75.8 61.4 92.2

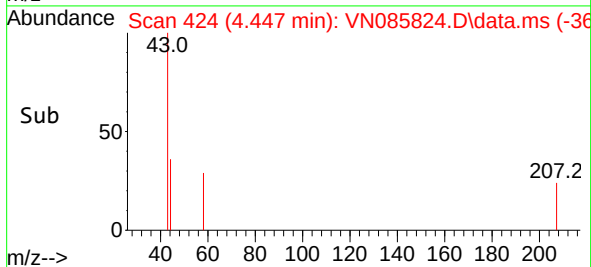
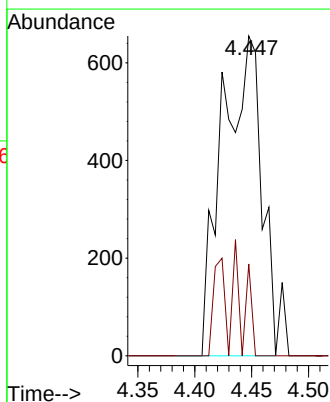
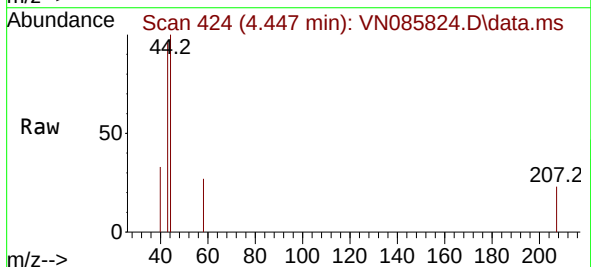
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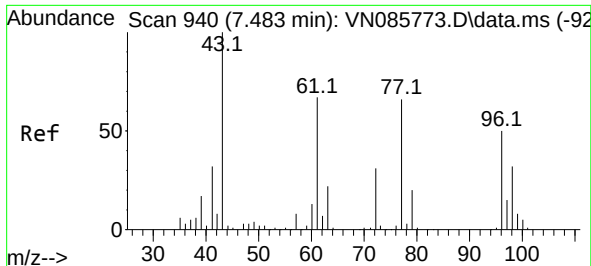
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#16
Acetone
Concen: 1.587 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

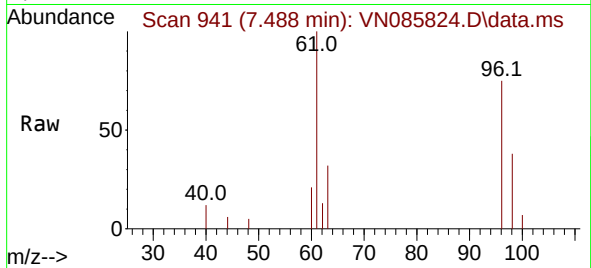
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 28.7 27.5 41.3





#27
 cis-1,2-Dichloroethene
 Concen: 2.318 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

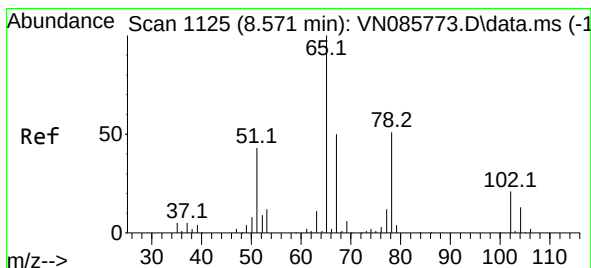
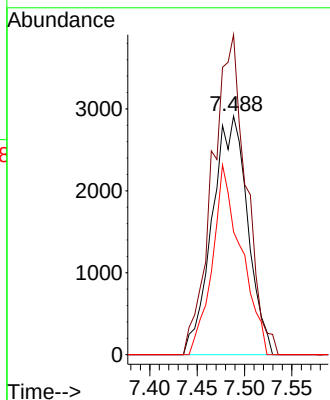
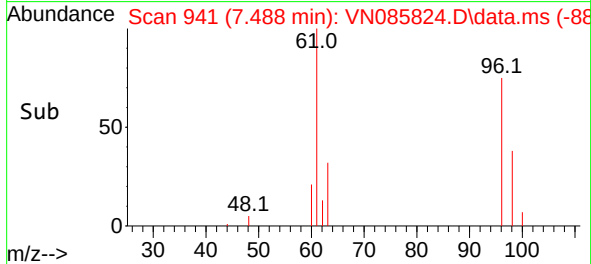
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325



Tgt Ion: 96 Resp: 759
 Ion Ratio Lower Upper
 96 100
 61 127.4 0.0 280.6
 98 64.6 0.0 128.6

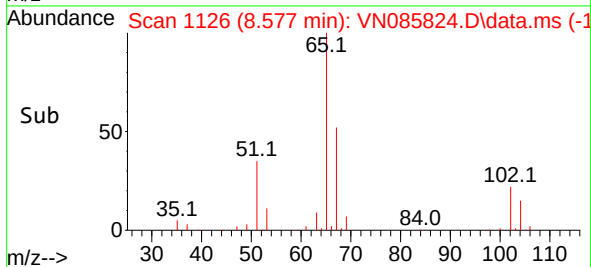
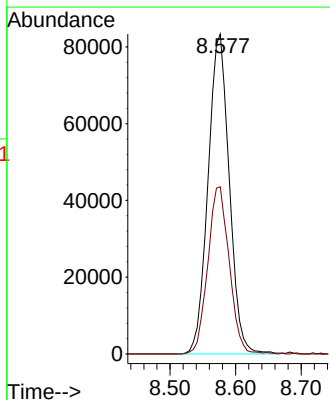
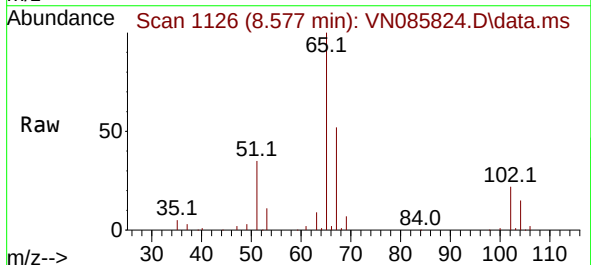
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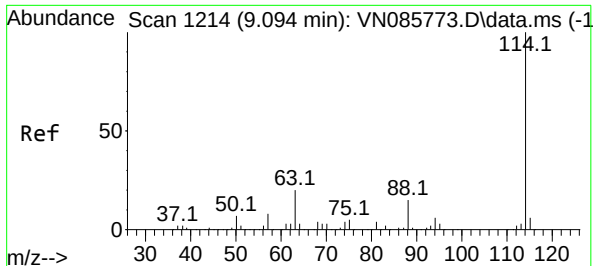
Reviewed By :John Carlone 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025



#33
 1,2-Dichloroethane-d4
 Concen: 60.412 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

Tgt Ion: 65 Resp: 187355
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-FD-021325

Tgt Ion:114 Resp: 45995

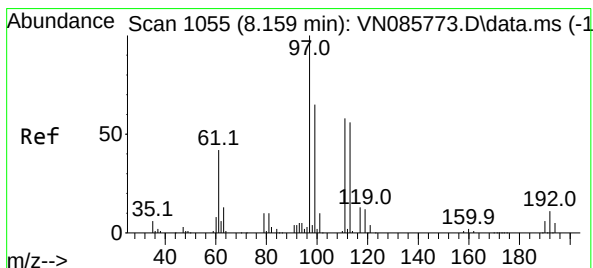
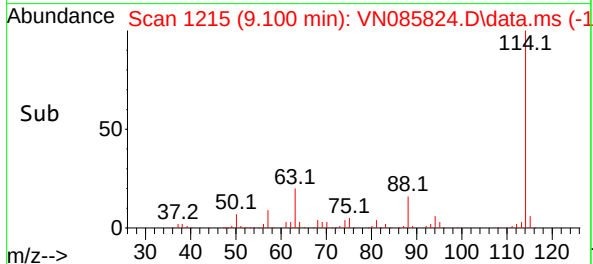
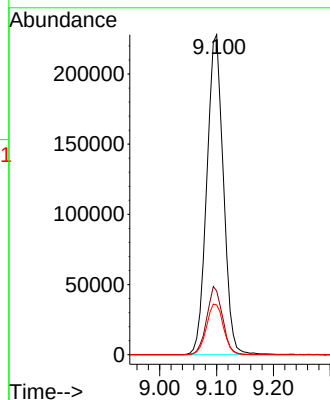
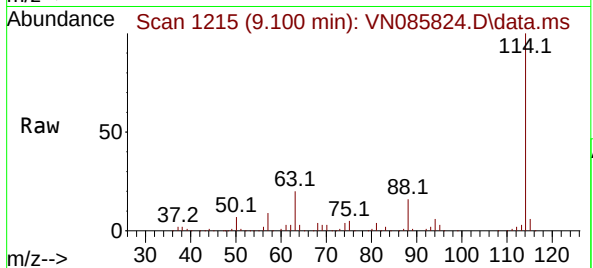
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.5	0.0	30.0

Manual Integrations

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Reviewed By :John Carlone 02/24/2025

Supervised By :Mahesh Dadoda 02/24/2025



#35

Dibromofluoromethane

Concen: 54.771 ug/l

RT: 8.159 min Scan# 1055

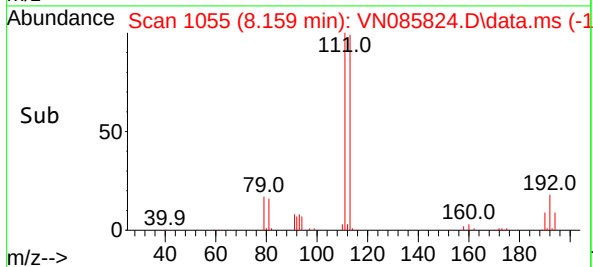
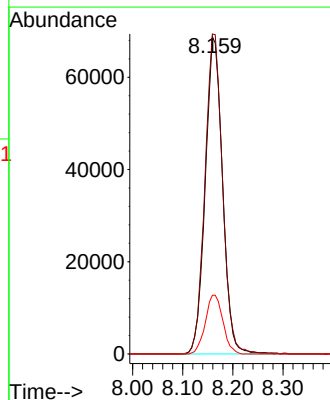
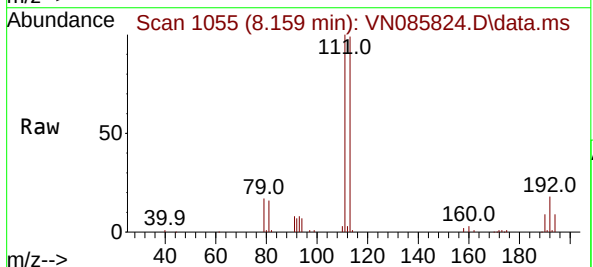
Delta R.T. 0.000 min

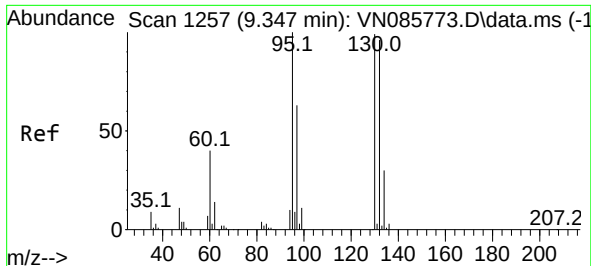
Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

Tgt Ion:113 Resp: 164845

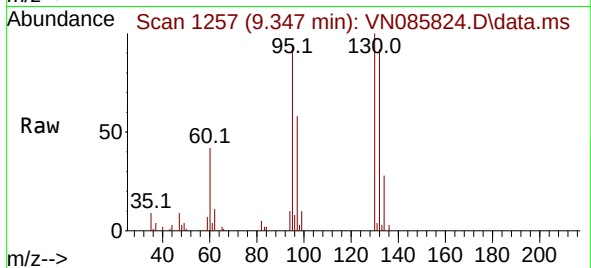
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	18.9	14.7	22.1





#44
Trichloroethene
Concen: 9.317 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

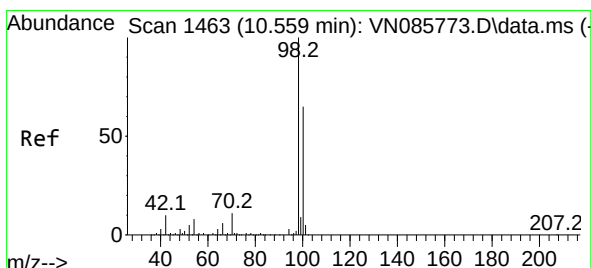
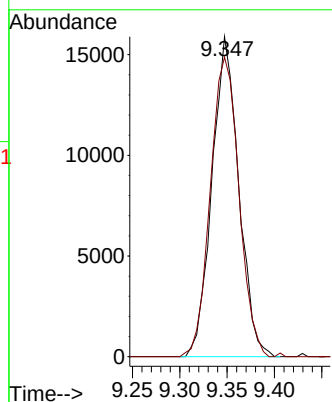
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325



Tgt Ion:130 Resp: 3123
Ion Ratio Lower Upper
130 100
95 93.6 0.0 202.6

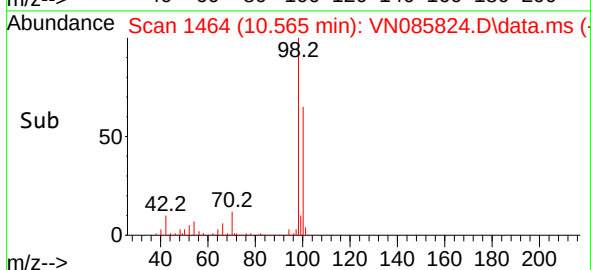
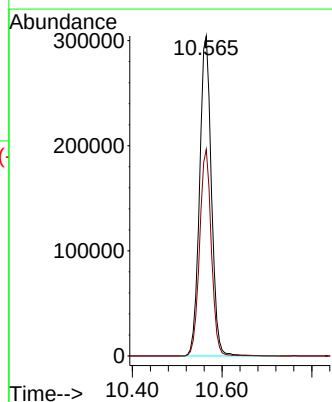
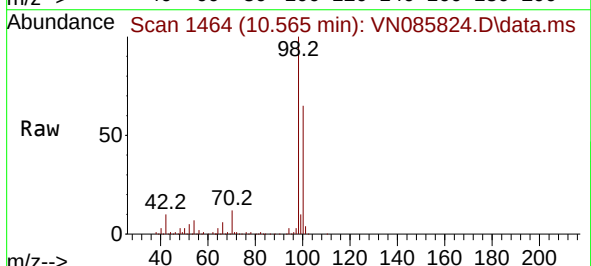
Manual Integrations
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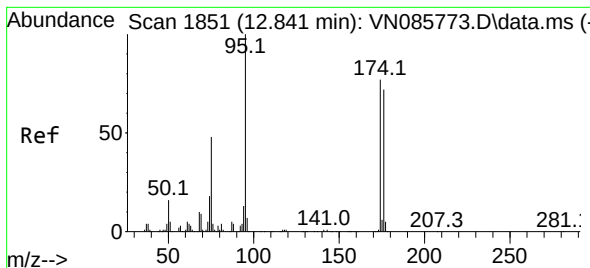
Reviewed By :John Carlone 02/24/2025
Supervised By :Mahesh Dadoda 02/24/2025



#50
Toluene-d8
Concen: 50.650 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

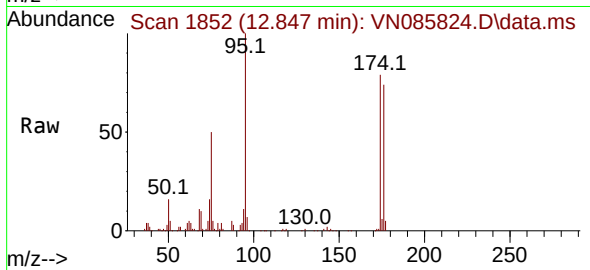
Tgt Ion: 98 Resp: 554626
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

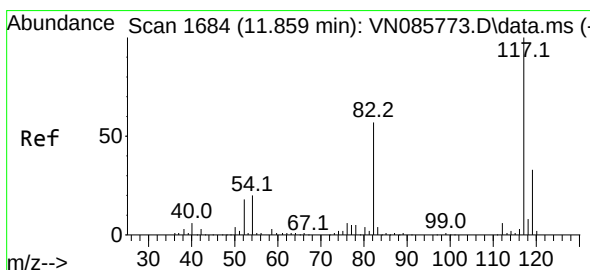
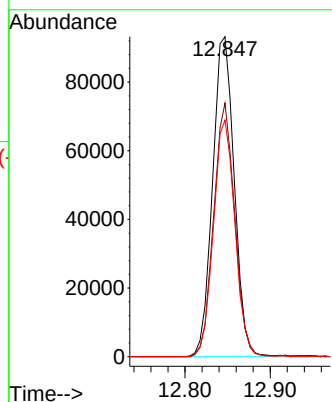
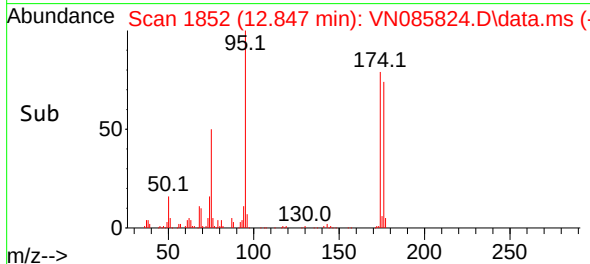
Instrument :
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MW-20D-FD-021325



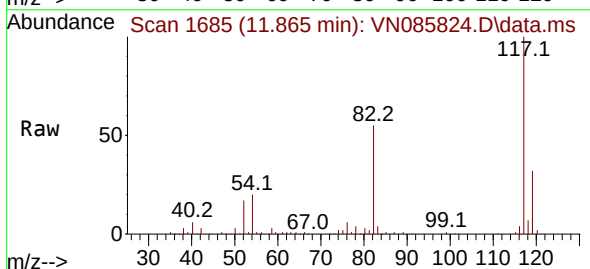
Tgt Ion: 95 Resp: 16455
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.4 0.0 146.6

Manual Integrations
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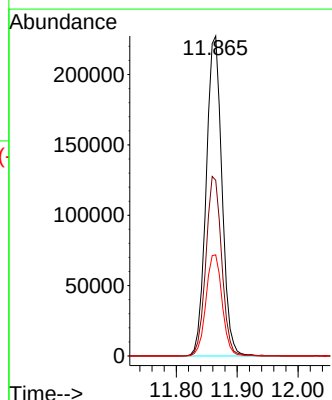
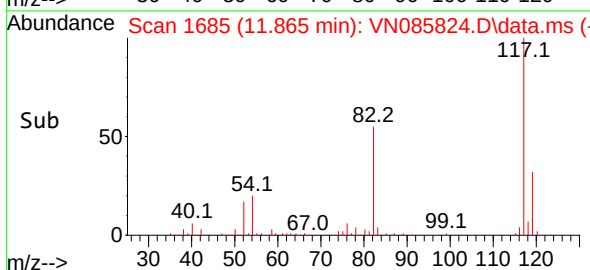
Reviewed By :John Carlone 02/24/2025
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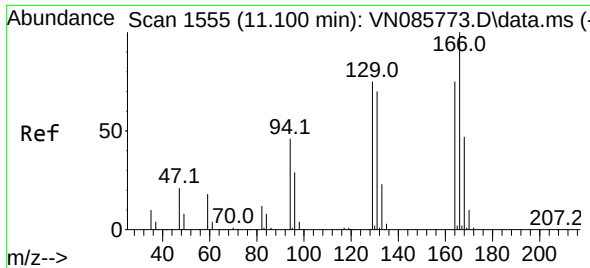


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49



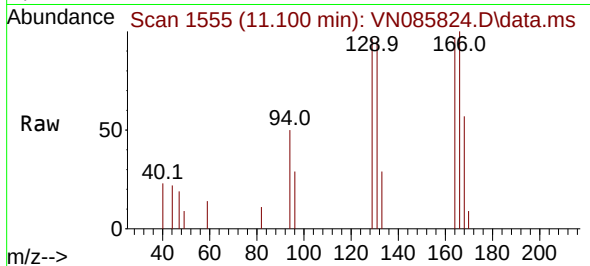
Tgt Ion:117 Resp: 408946
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 31.6 26.2 39.2





#64
Tetrachloroethene
Concen: 0.893 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

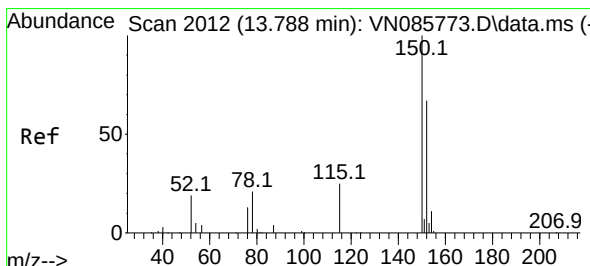
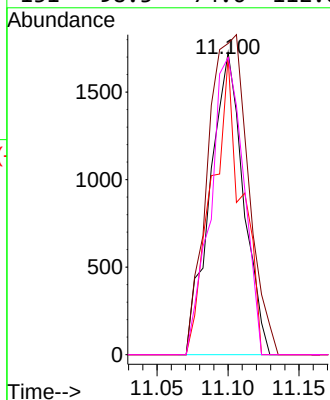
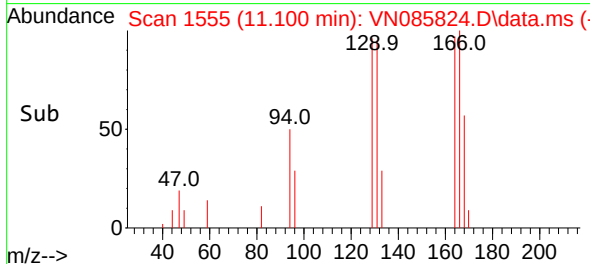
Instrument :
MSVOA_N
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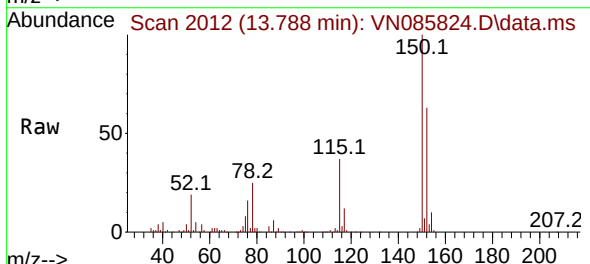
Tgt Ion:164 Resp: 2829
Ion Ratio Lower Upper
164 100
166 103.0 107.2 160.8
129 98.4 80.7 121.1
131 98.3 74.6 112.0

Manual Integrations
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Supervised By :Mahesh Dadoda 02/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49



Tgt Ion:152 Resp: 162611
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 156.0 0.0 345.4

