

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085836.D
 Acq On : 24 Feb 2025 14:49
 Operator : JC\MD
 Sample : Q1405-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 25 01:55:26 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174318	59.574	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.140%
35) Dibromofluoromethane	8.165	113	152713	52.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.760%
50) Toluene-d8	10.565	98	506797	48.230	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.847	95	147677	42.655	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	85.320%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.383	101	2799m	1.025	ug/l	
27) cis-1,2-Dichloroethene	7.494	96	4885	1.581	ug/l	87
44) Trichloroethene	9.347	130	10442	3.246	ug/l	91
64) Tetrachloroethene	11.100	164	2690	0.914	ug/l	91

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

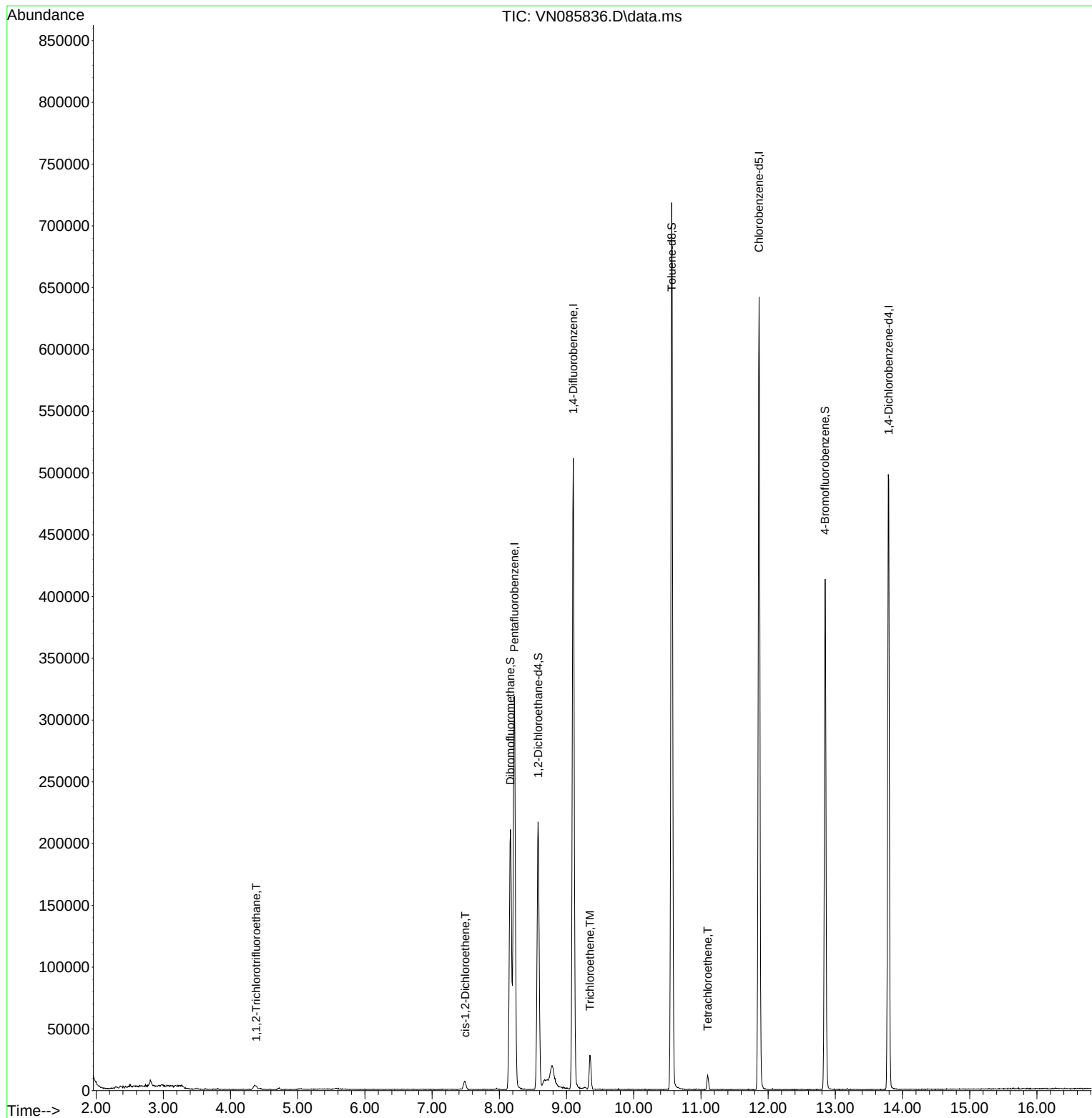
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
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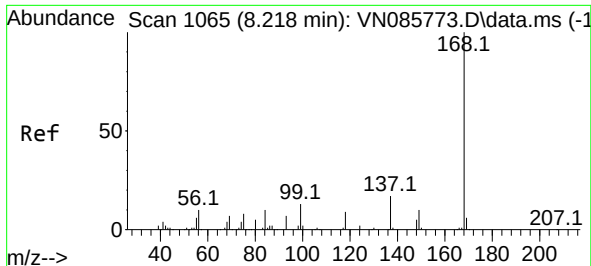
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

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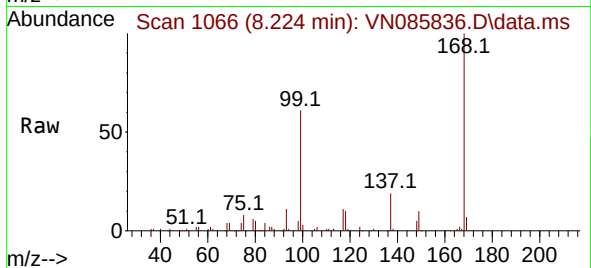
Reviewed By :John Carlone 02/25/2025
Supervised By :Mahesh Dadoda 02/25/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

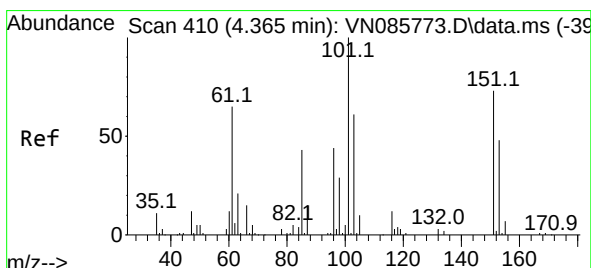
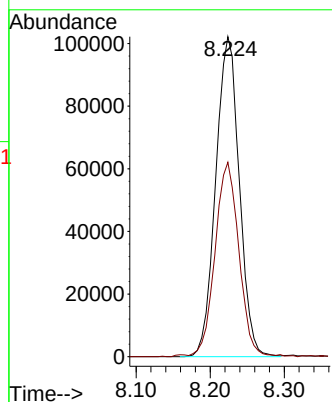
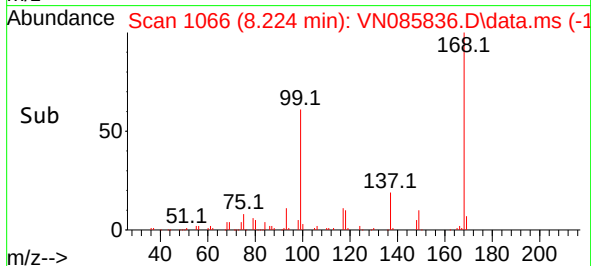
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325



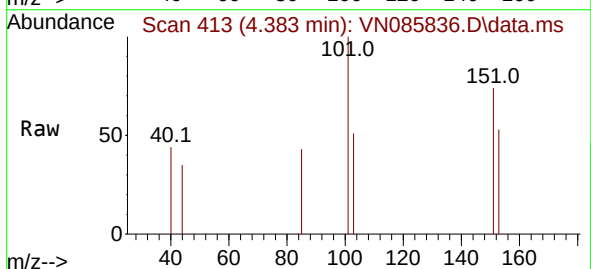
Tgt Ion:168 Resp: 22569
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9

Manual Integrations
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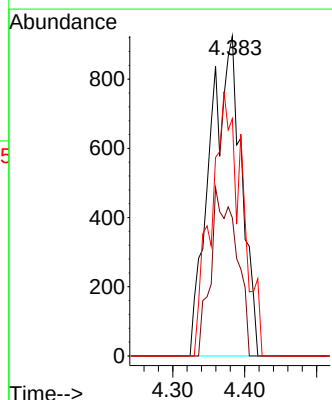
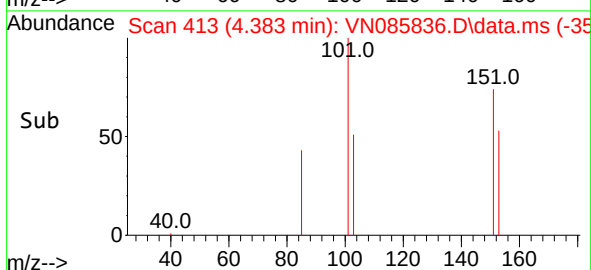
Reviewed By :John Carlone 02/25/2025
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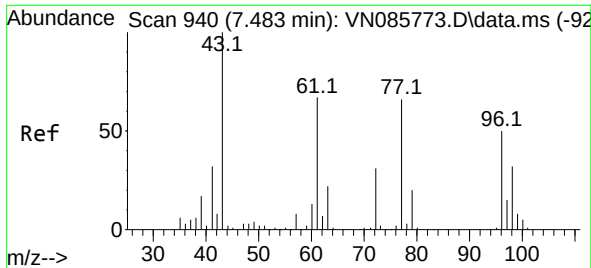


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.025 ug/l m
RT: 4.383 min Scan# 413
Delta R.T. 0.018 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



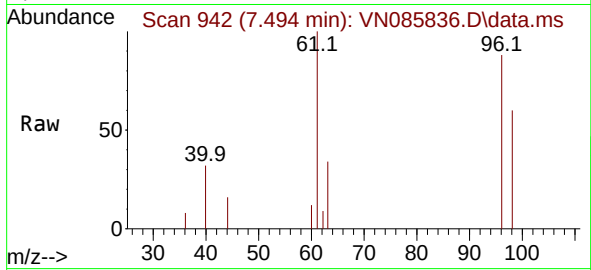
Tgt Ion:101 Resp: 2799
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 81.6 61.4 92.2





#27
 cis-1,2-Dichloroethene
 Concen: 1.581 ug/l
 RT: 7.494 min Scan# 940
 Delta R.T. 0.012 min
 Lab File: VN085836.D
 Acq: 24 Feb 2025 14:49

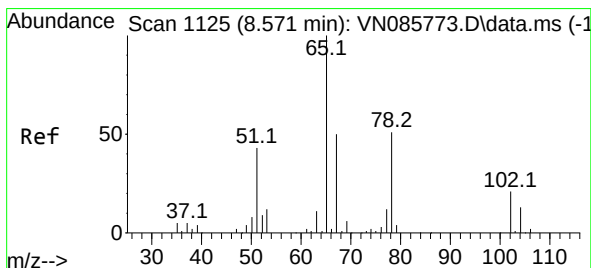
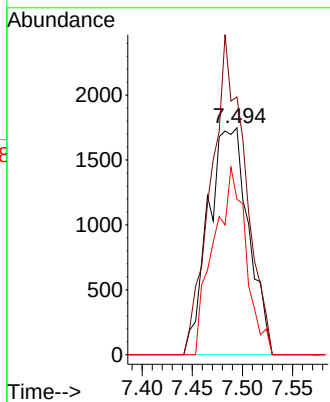
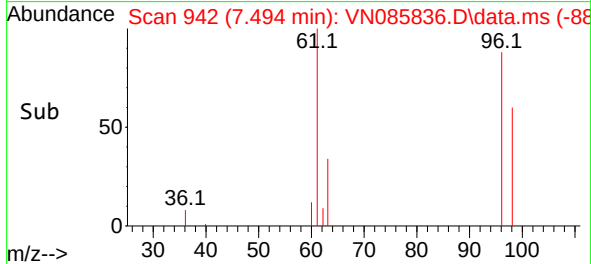
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325



Tgt Ion: 96 Resp: 488
 Ion Ratio Lower Upper
 96 100
 61 119.3 0.0 280.6
 98 66.2 0.0 128.6

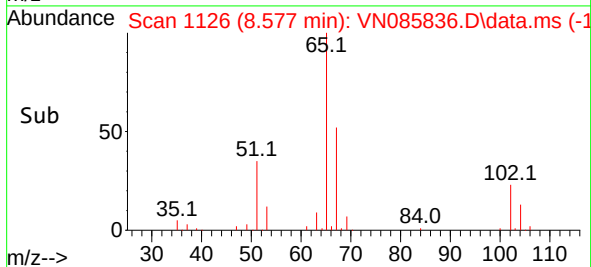
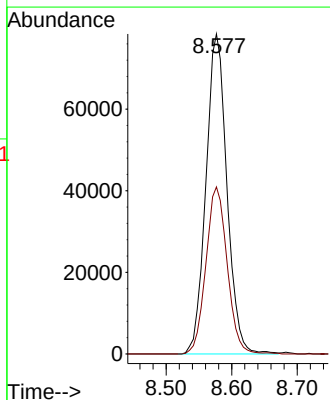
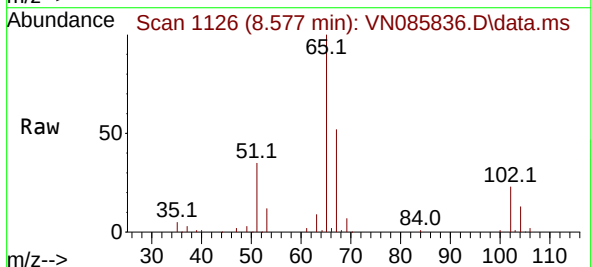
Manual Integrations
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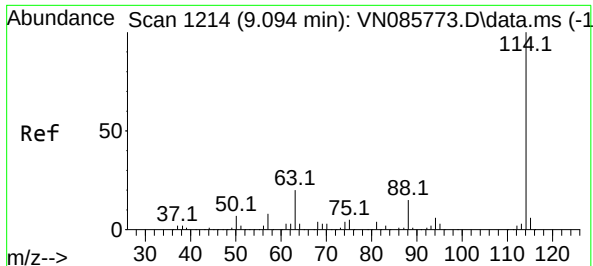
Reviewed By :John Carlone 02/25/2025
 Supervised By :Mahesh Dadoda 02/25/2025



#33
 1,2-Dichloroethane-d4
 Concen: 59.574 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085836.D
 Acq: 24 Feb 2025 14:49

Tgt Ion: 65 Resp: 174318
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-FD-021325

Tgt Ion:114 Resp: 441369

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

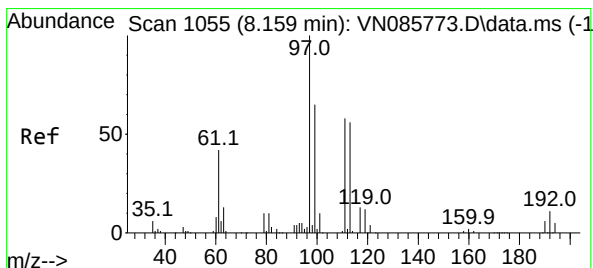
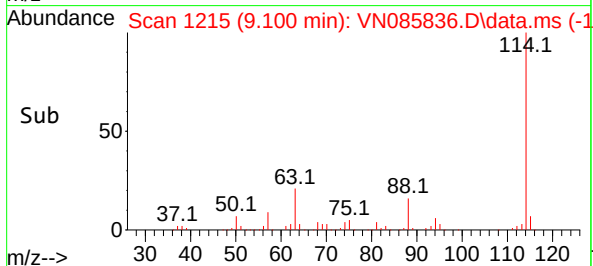
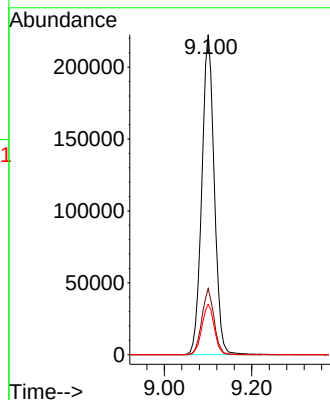
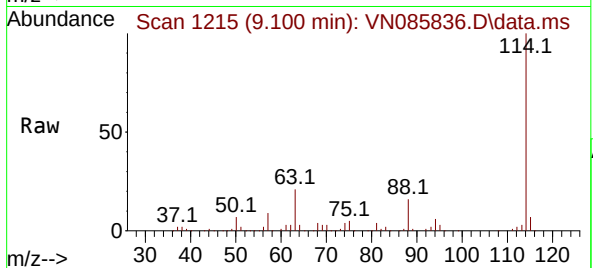
88 15.7 0.0 30.0

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#35

Dibromofluoromethane

Concen: 52.877 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085836.D

Acq: 24 Feb 2025 14:49

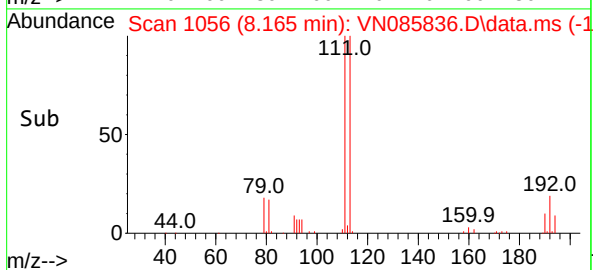
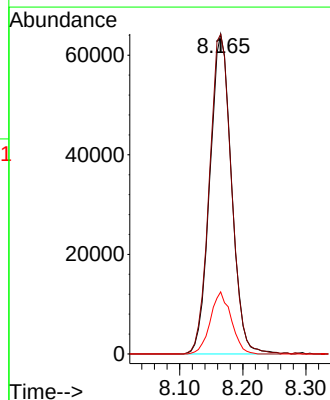
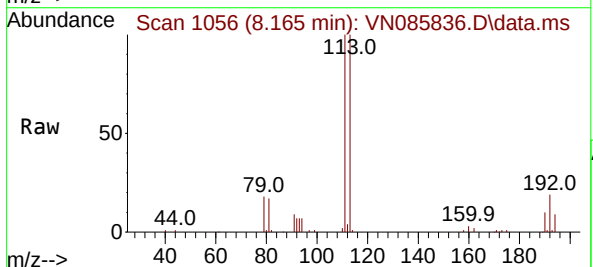
Tgt Ion:113 Resp: 152713

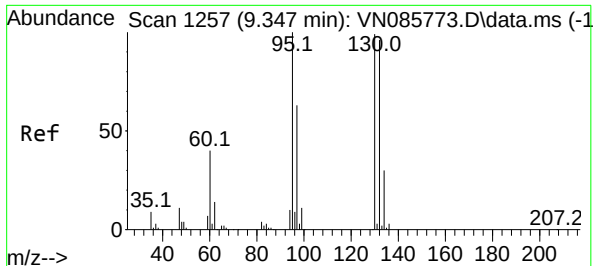
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

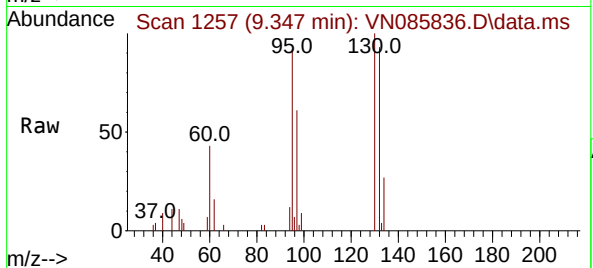
192 18.7 14.7 22.1





#44
Trichloroethene
Concen: 3.246 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

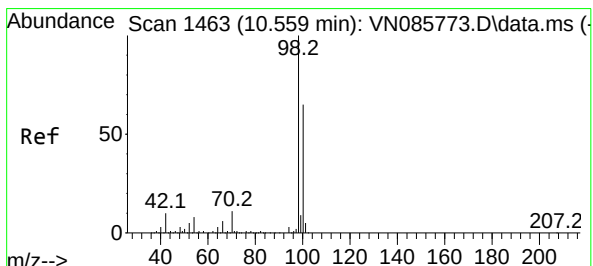
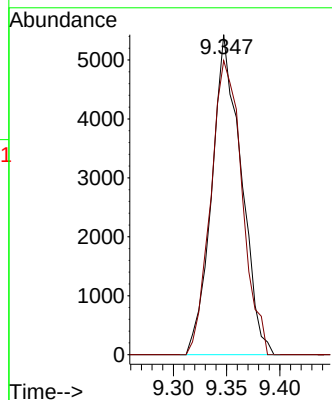
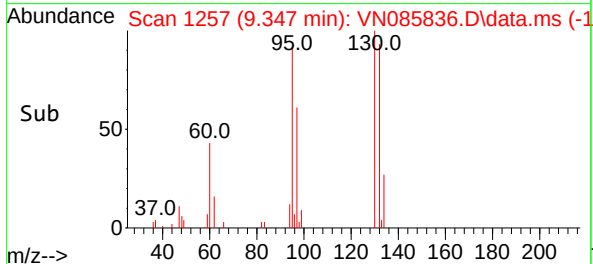
Instrument :
MSVOA_N
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MW-20D-FD-021325



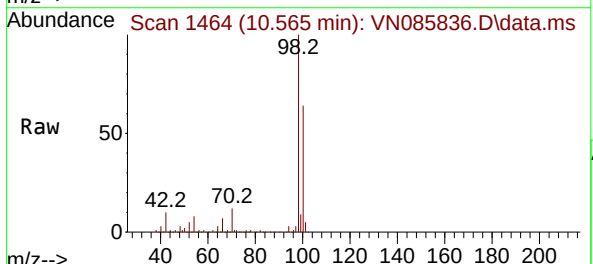
Tgt Ion:130 Resp: 1044
Ion Ratio Lower Upper
130 100
95 91.9 0.0 202.6

Manual Integrations
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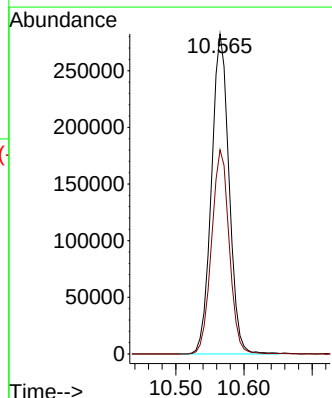
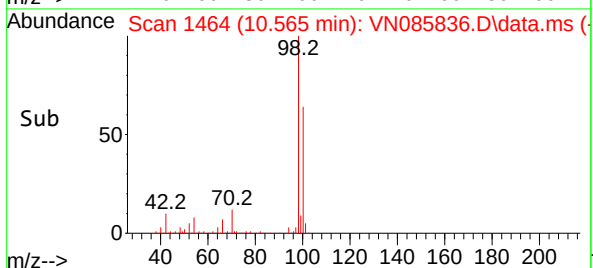
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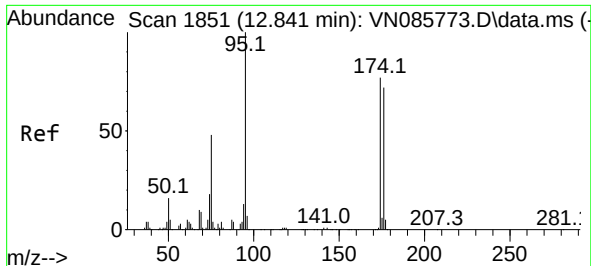


#50
Toluene-d8
Concen: 48.230 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



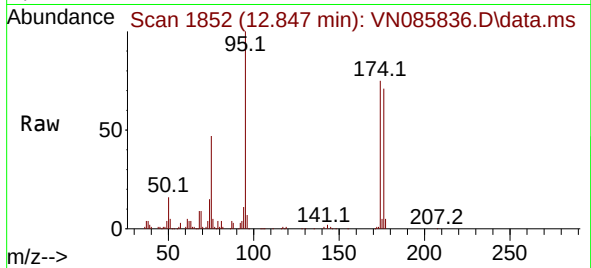
Tgt Ion: 98 Resp: 506797
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 42.655 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

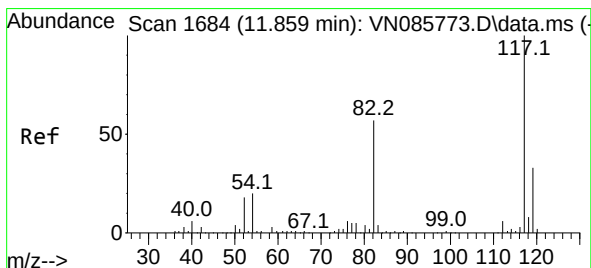
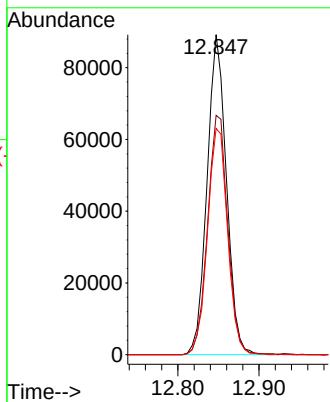
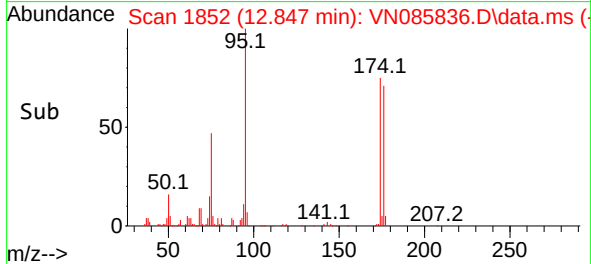
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325



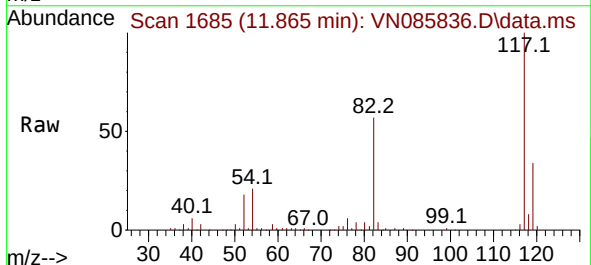
Tgt Ion: 95 Resp: 14767
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.3 0.0 146.6

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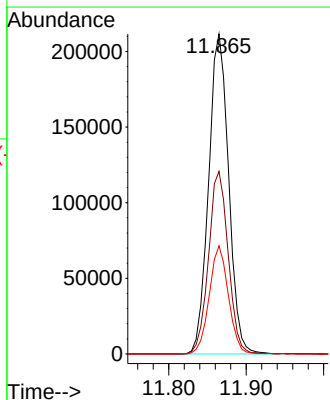
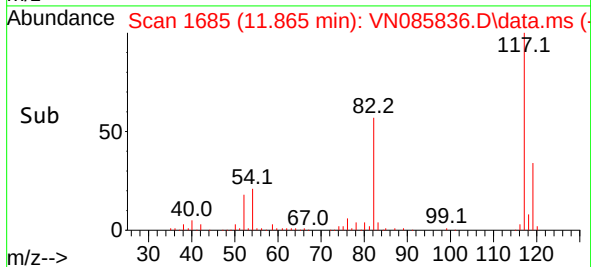
Reviewed By :John Carlone 02/25/2025
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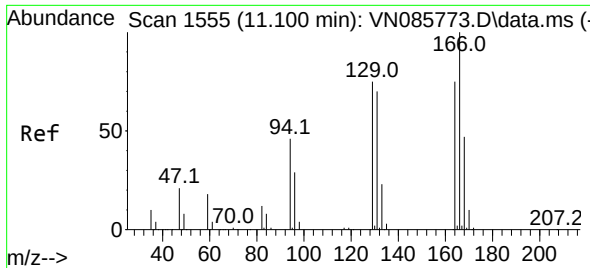


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



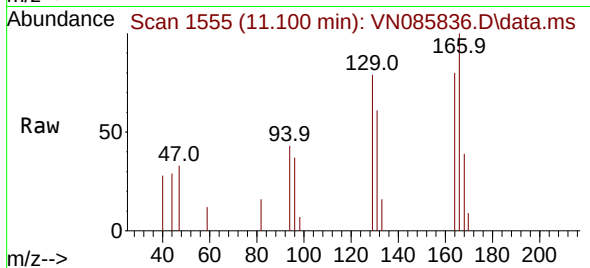
Tgt Ion:117 Resp: 379940
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 33.8 26.2 39.2





#64
Tetrachloroethene
Concen: 0.914 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49

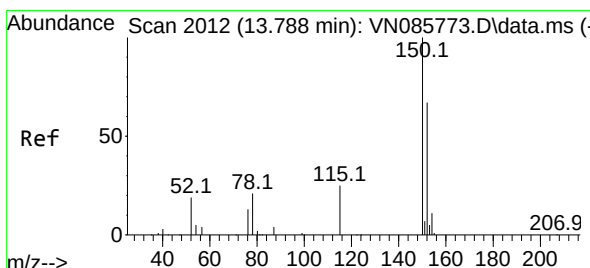
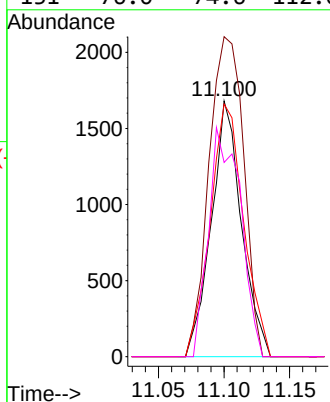
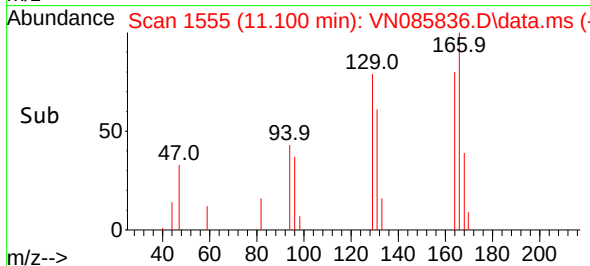
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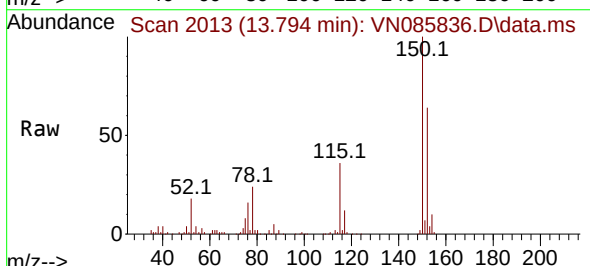
Tgt Ion:164 Resp: 2690
Ion Ratio Lower Upper
164 100
166 125.2 107.2 160.8
129 98.8 80.7 121.1
131 76.0 74.6 112.0

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085836.D
Acq: 24 Feb 2025 14:49



Tgt Ion:152 Resp: 144264
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.3
150 159.4 0.0 345.4

