

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077783.D
 Acq On : 22 May 2023 12:42
 Operator : JC\MD
 Sample : 02880-03 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D6-20230517

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 04:18:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	393869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	696869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	603892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	199907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257535	43.700	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.400%
35) Dibromofluoromethane	8.171	113	224421	49.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.571	98	849528	48.569	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.853	95	269830	43.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.360%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.395	101	7389m	1.695	ug/l	
12) 1,1-Dichloroethene	4.353	96	2291	0.553	ug/l #	62
44) Trichloroethene	9.359	130	461317	92.887	ug/l	97
64) Tetrachloroethene	11.112	164	1458	0.345	ug/l	90

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

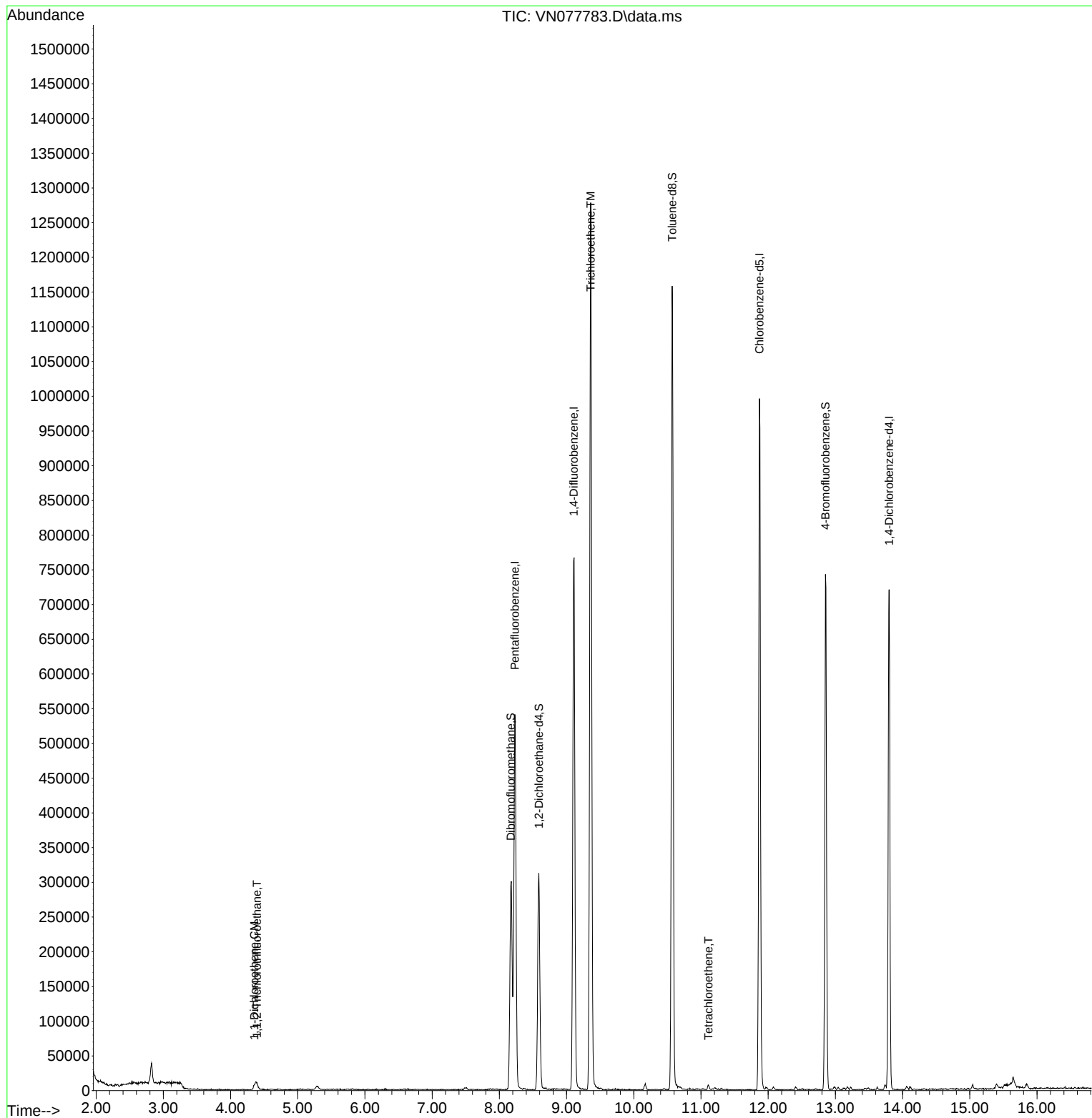
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
Data File : VN077783.D
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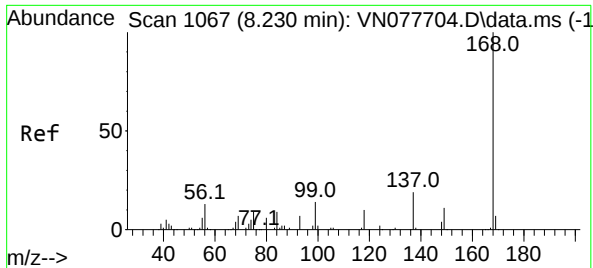
Instrument :
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RE132D6-20230517

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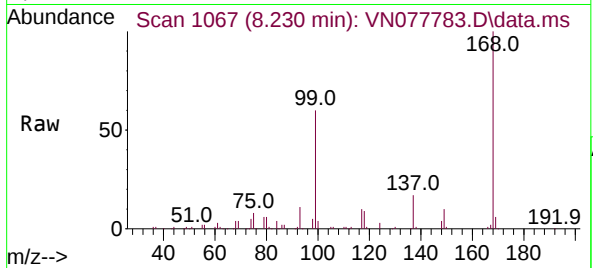
Quant Time: May 23 04:18:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

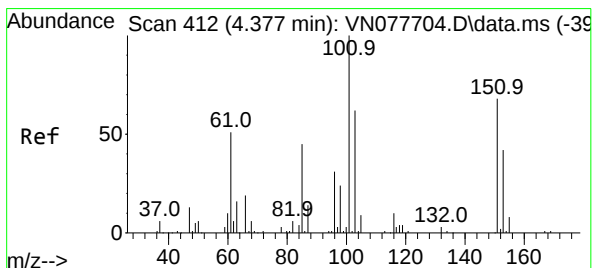
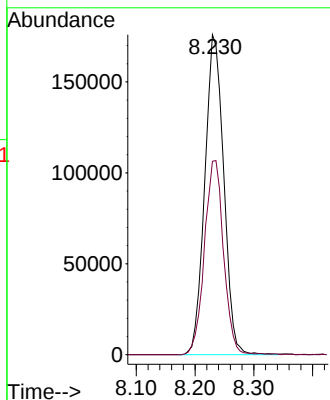
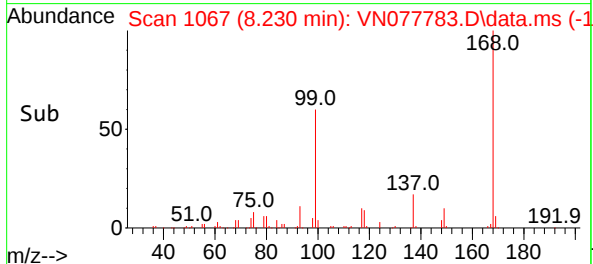
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20230517



Tgt Ion:168 Resp: 393869
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

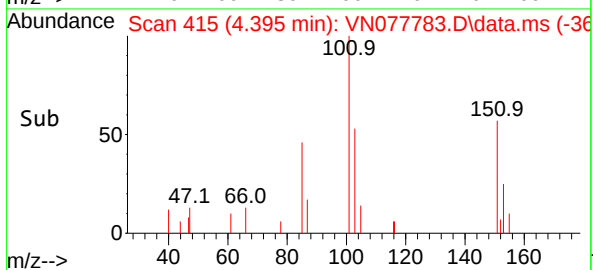
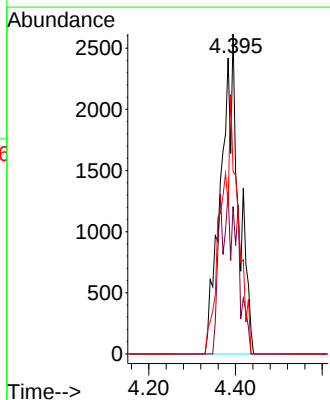
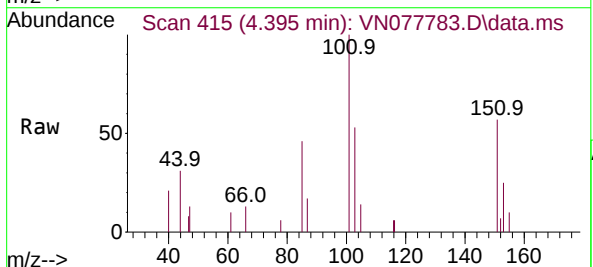
Manual Integrations
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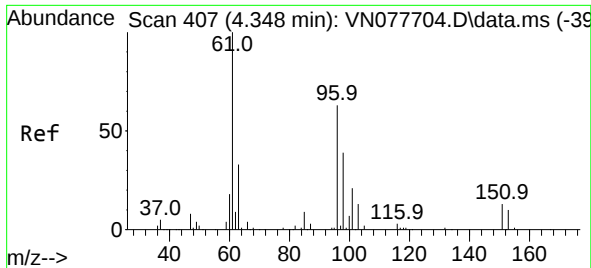
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.695 ug/l m
RT: 4.395 min Scan# 415
Delta R.T. 0.018 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

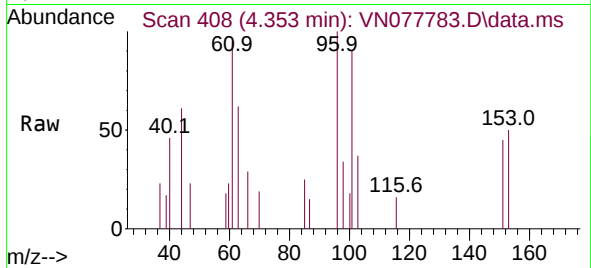
Tgt Ion:101 Resp: 7389
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 76.5 57.6 86.4





#12
 1,1-Dichloroethene
 Concen: 0.553 ug/l
 RT: 4.353 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN077783.D
 Acq: 22 May 2023 12:42

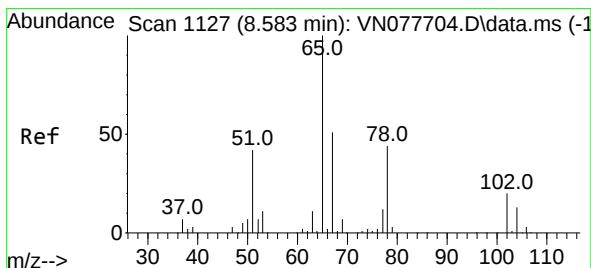
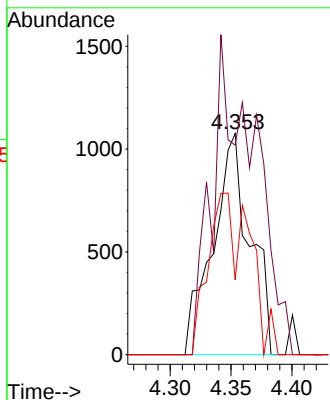
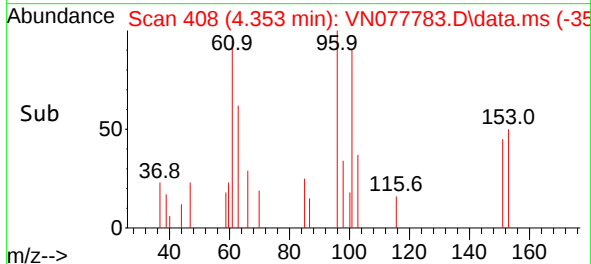
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D6-20230517



Tgt Ion: 96 Resp: 229
 Ion Ratio Lower Upper
 96 100
 61 94.8 112.7 169.1
 98 33.8 51.2 76.8

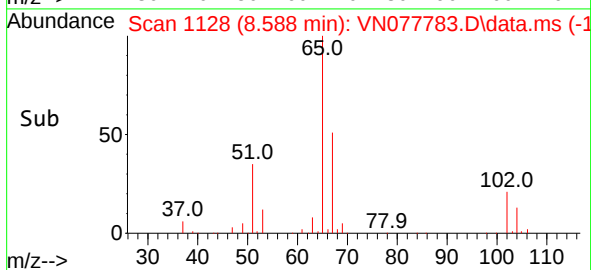
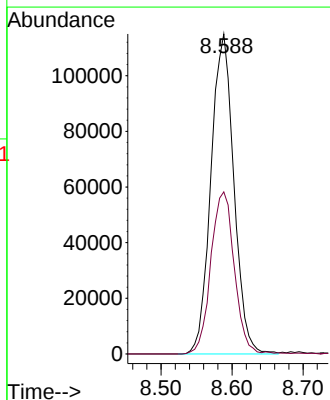
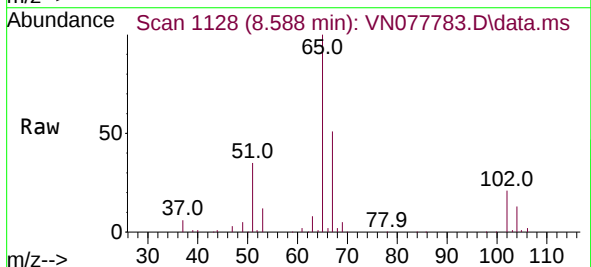
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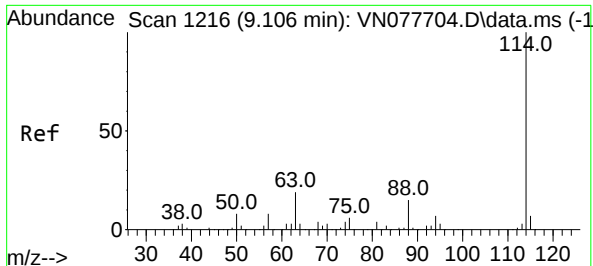
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#33
 1,2-Dichloroethane-d4
 Concen: 43.700 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VN077783.D
 Acq: 22 May 2023 12:42

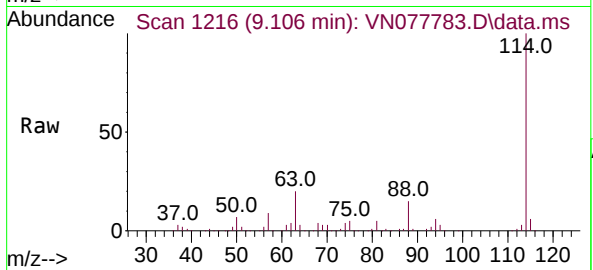
Tgt Ion: 65 Resp: 257535
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

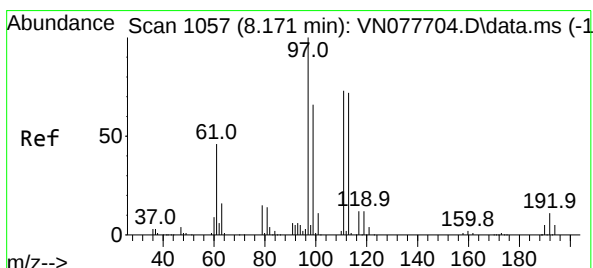
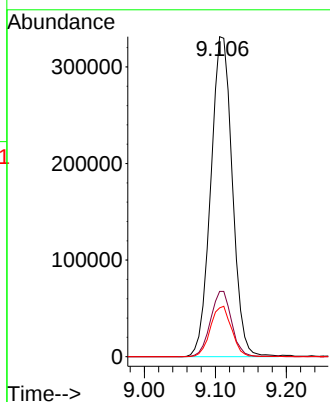
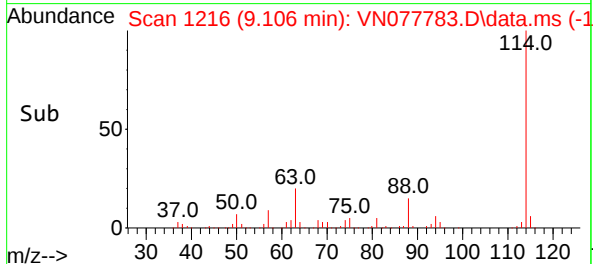
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20230517



Tgt Ion:114 Resp: 696869
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.3 0.0 30.6

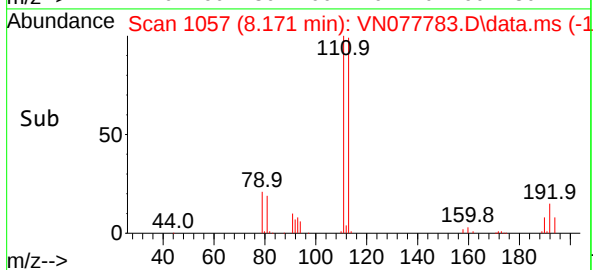
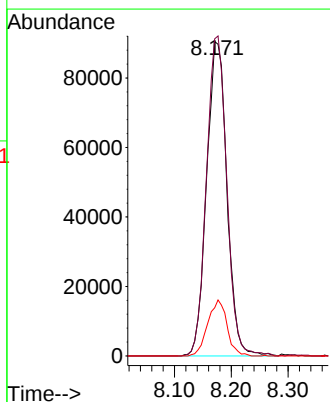
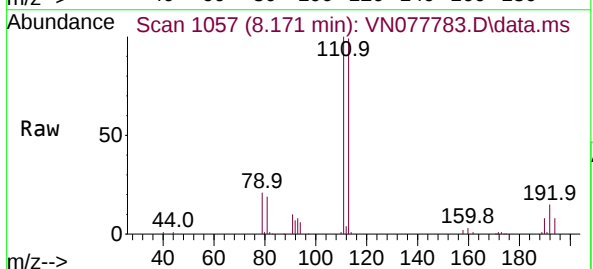
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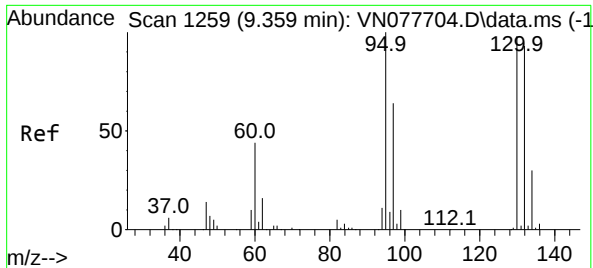
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#35
Dibromofluoromethane
Concen: 49.386 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

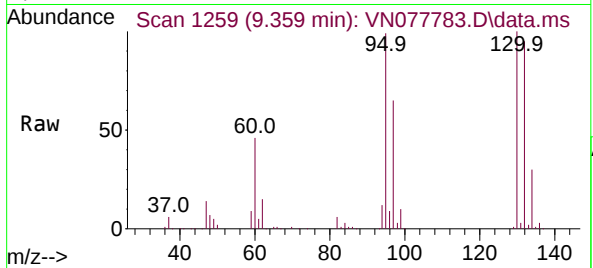
Tgt Ion:113 Resp: 224421
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 16.9 12.7 19.1





#44
Trichloroethene
Concen: 92.887 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

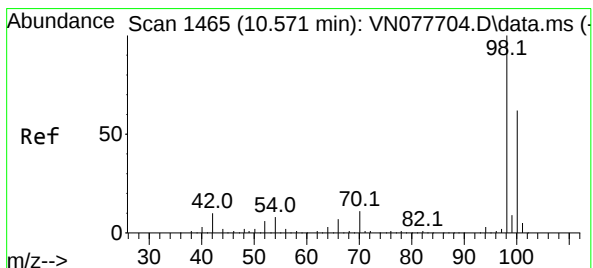
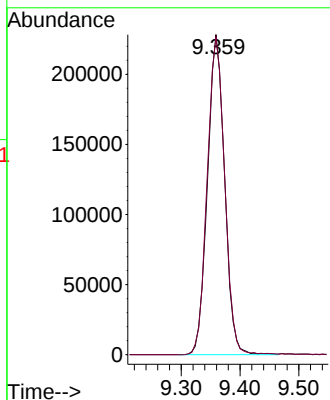
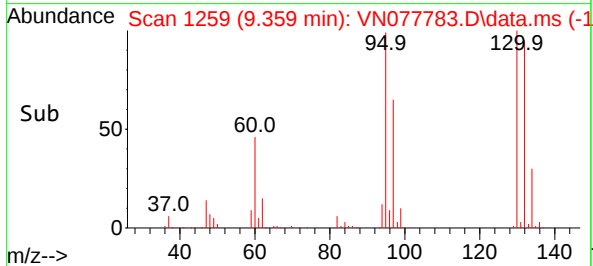
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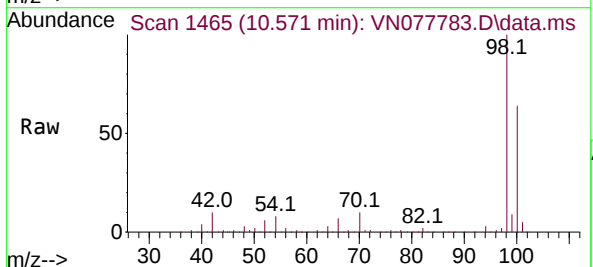
Tgt Ion:130 Resp: 46131
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.6

Manual Integrations
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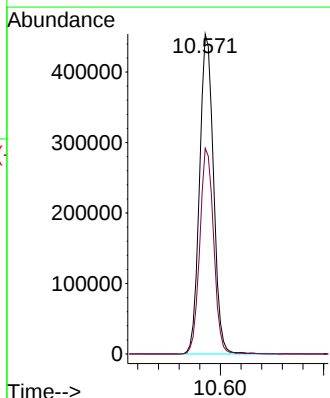
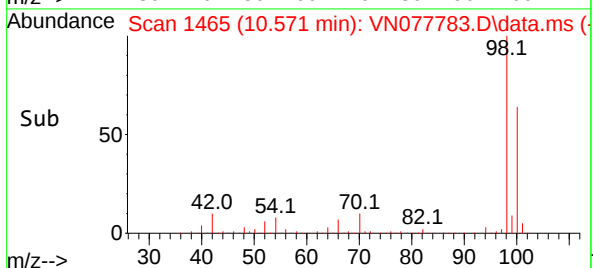
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

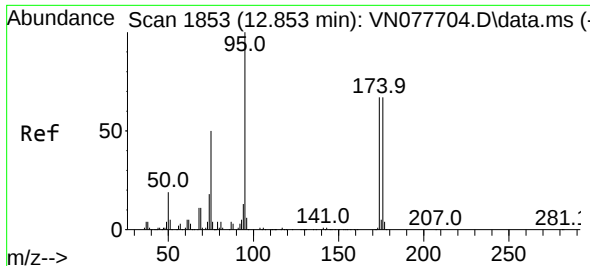


#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42



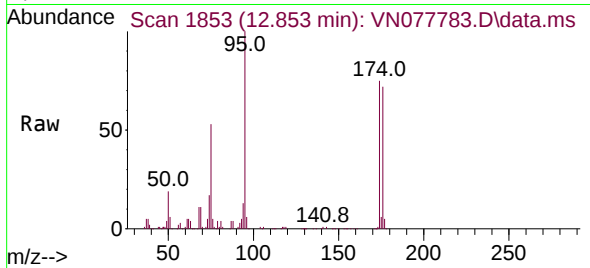
Tgt Ion: 98 Resp: 849528
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 43.680 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

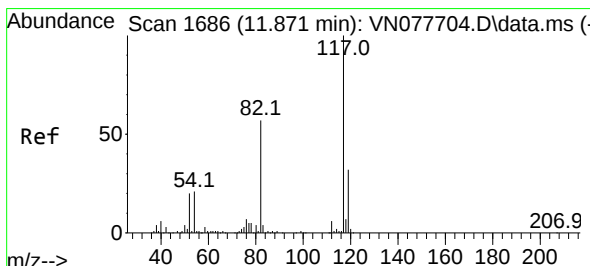
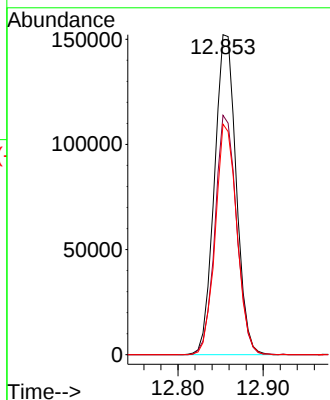
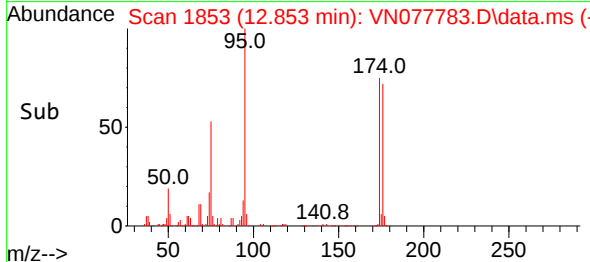
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20230517



Tgt Ion: 95 Resp: 269830
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.2 0.0 135.8

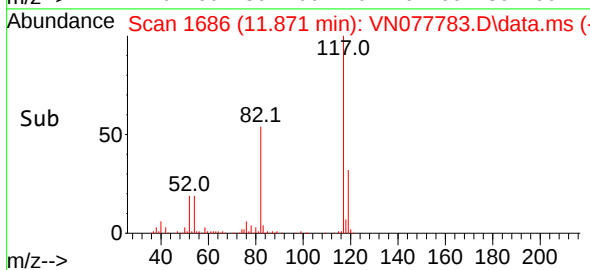
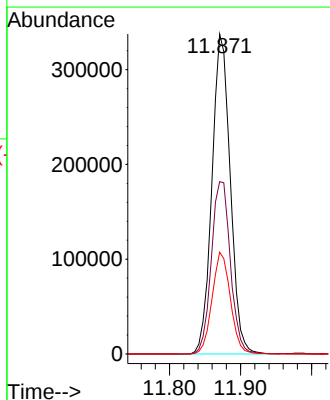
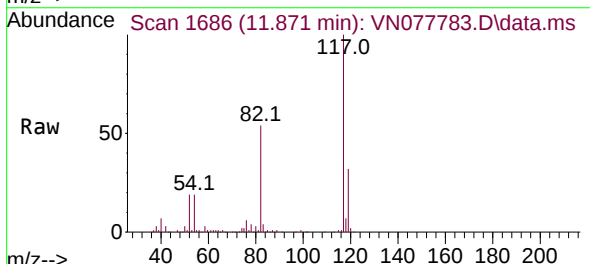
Manual Integrations
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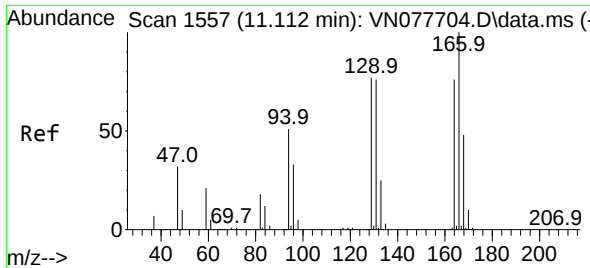
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

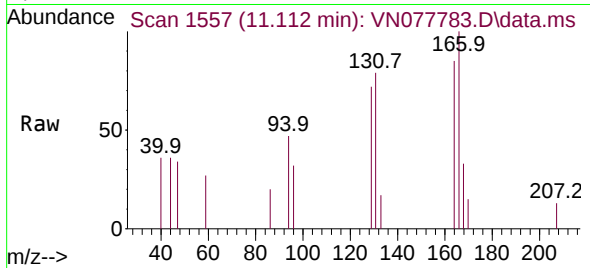
Tgt Ion:117 Resp: 603892
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.8 25.6 38.4





#64
Tetrachloroethene
Concen: 0.345 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42

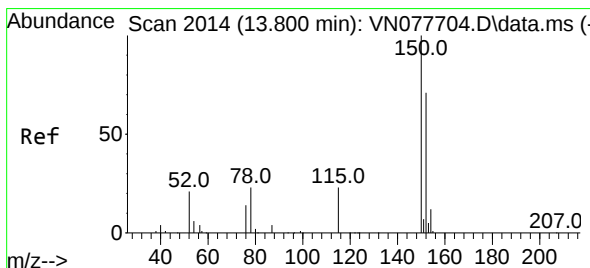
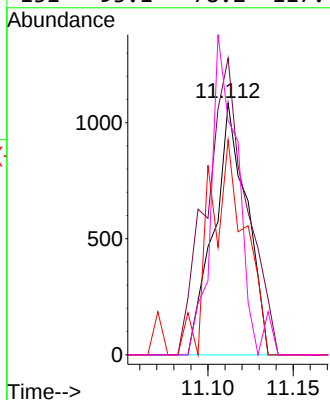
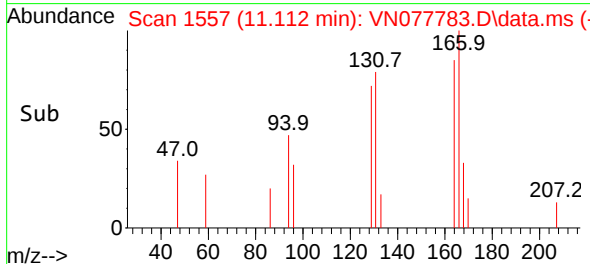
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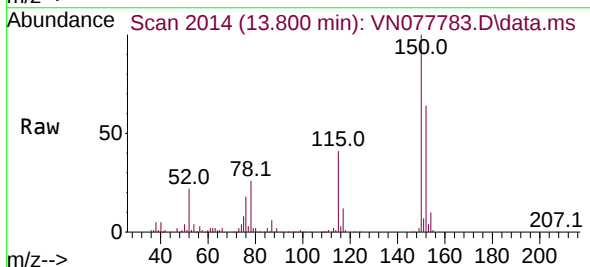
Tgt Ion:164 Resp: 1458
Ion Ratio Lower Upper
164 100
166 117.8 101.4 152.0
129 85.3 82.4 123.6
131 93.1 78.2 117.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1204
Delta R.T. -0.000 min
Lab File: VN077783.D
Acq: 22 May 2023 12:42



Tgt Ion:152 Resp: 199907
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 157.9 0.0 355.8

