

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081220.D
 Acq On : 27 Feb 2024 15:35
 Operator : JC\MD
 Sample : P1590-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240222

Quant Time: Feb 28 04:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2024
 Supervised By : Semsettin Yesilyurt 02/28/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	316987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	599183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	522958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213012	54.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.640%			
35) Dibromofluoromethane	8.171	113	168837	49.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.660%			
50) Toluene-d8	10.571	98	654742	54.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.820%			
62) 4-Bromofluorobenzene	12.853	95	208063	46.013	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.020%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.342	96	2215m	0.618	ug/l	
27) cis-1,2-Dichloroethene	7.500	96	1356	0.292	ug/l	75
44) Trichloroethene	9.359	130	244847	54.714	ug/l	99
64) Tetrachloroethene	11.112	164	2401	0.673	ug/l #	80

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

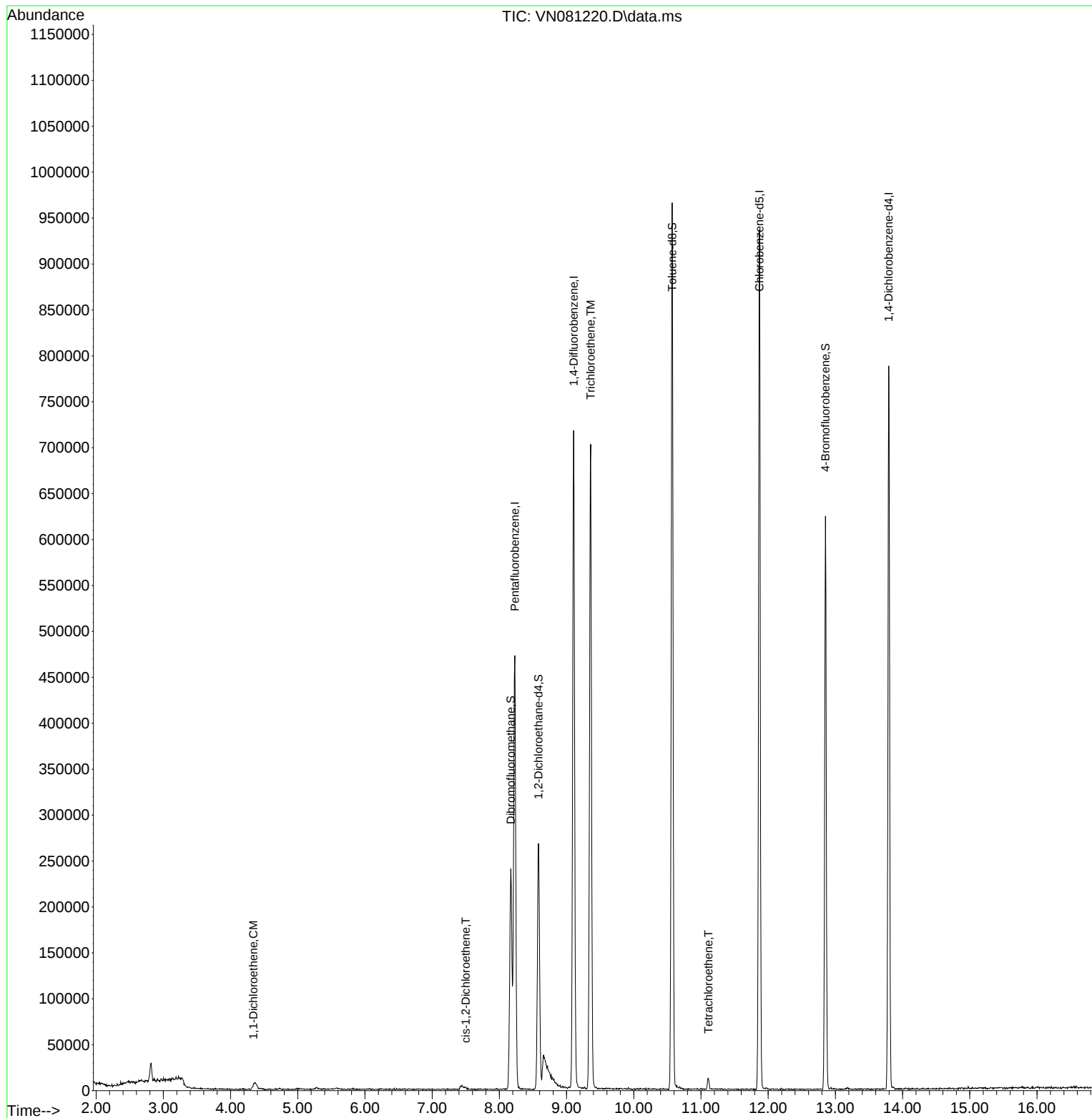
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
Data File : VN081220.D
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Operator : JC\MD
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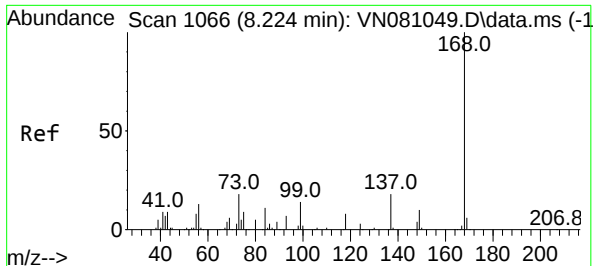
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240222

Quant Time: Feb 28 04:19:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
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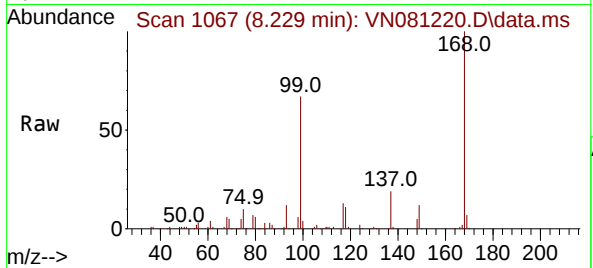
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35

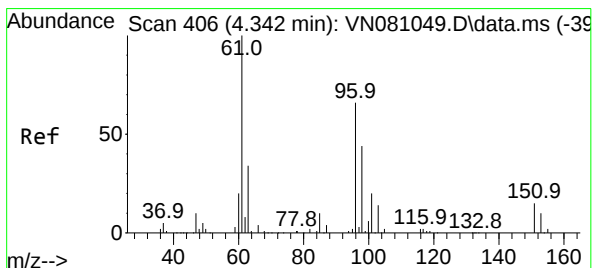
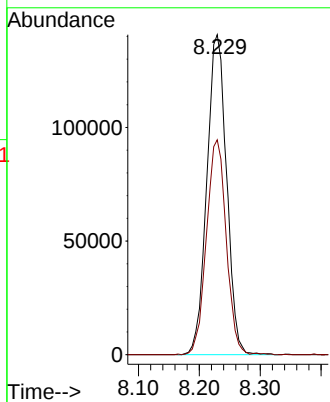
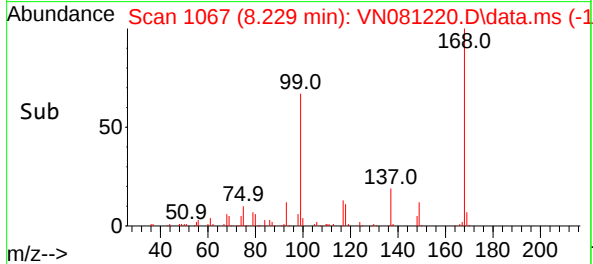
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240222



Tgt Ion:168 Resp: 31698
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9

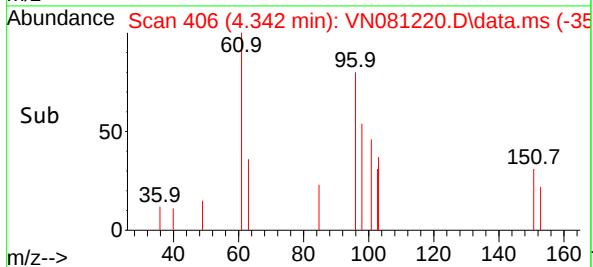
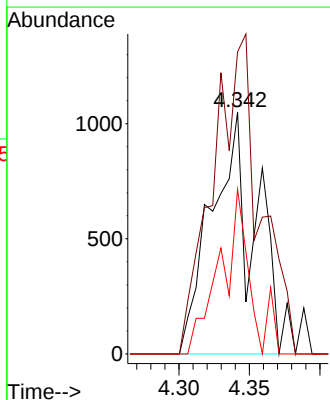
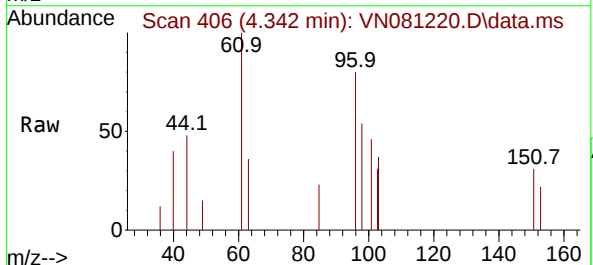
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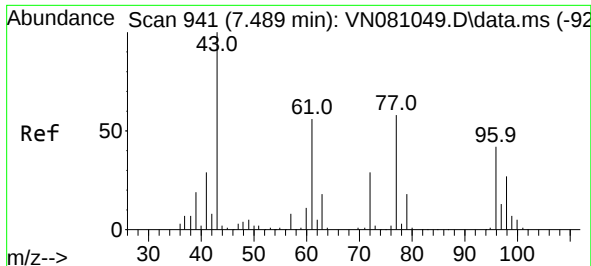
Reviewed By :John Carlone 02/28/2024
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#12
1,1-Dichloroethene
Concen: 0.618 ug/l m
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35

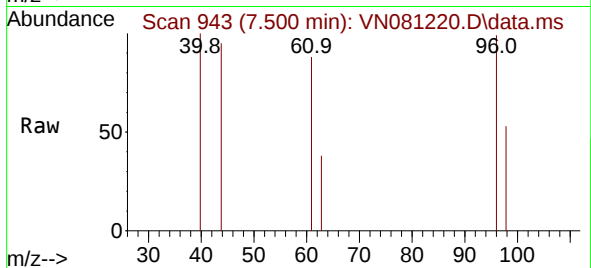
Tgt Ion: 96 Resp: 2215
Ion Ratio Lower Upper
96 100
61 124.8 138.2 207.4#
98 67.9 49.2 73.8





#27
 cis-1,2-Dichloroethene
 Concen: 0.292 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN081220.D
 Acq: 27 Feb 2024 15:35

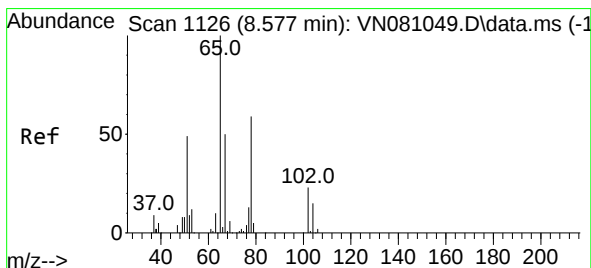
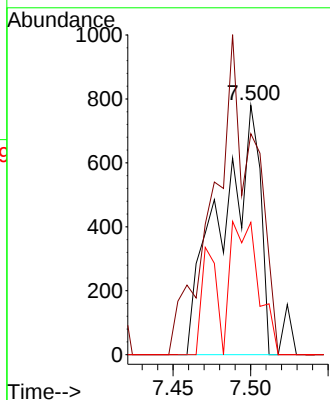
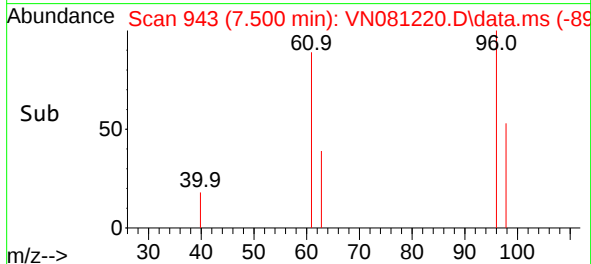
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D1-20240222



Tgt Ion: 96 Resp: 1350
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 325.4
 98 38.8 0.0 130.4

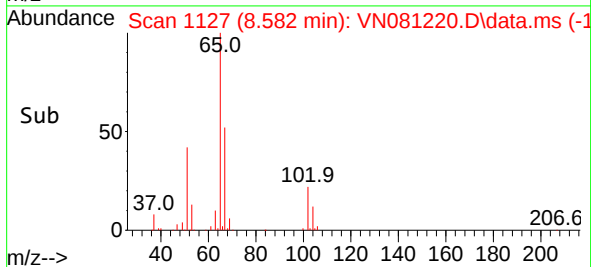
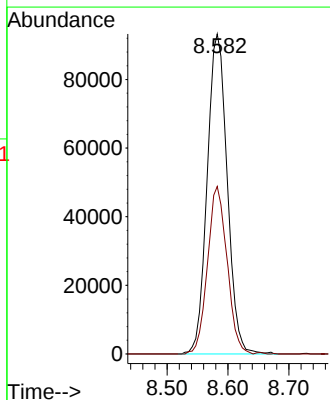
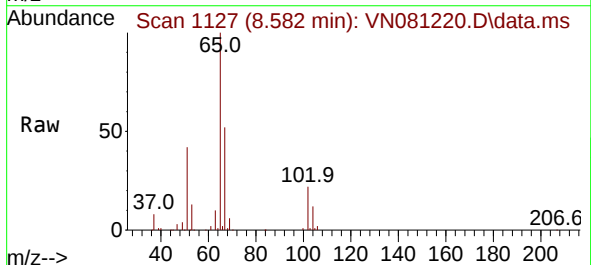
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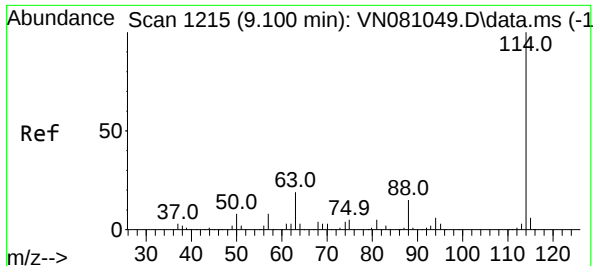
Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024



#33
 1,2-Dichloroethane-d4
 Concen: 54.824 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081220.D
 Acq: 27 Feb 2024 15:35

Tgt Ion: 65 Resp: 213012
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN081220.D

Acq: 27 Feb 2024 15:35

Instrument :

MSVOA_N

ClientSampleId :

RE120D1-20240222

Tgt Ion:114 Resp: 59918

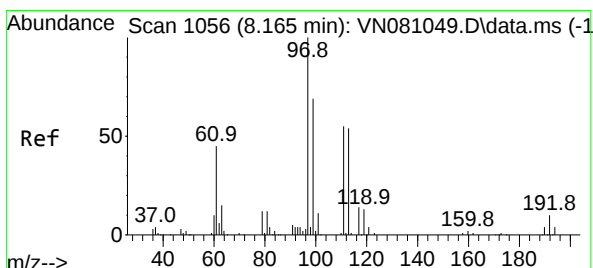
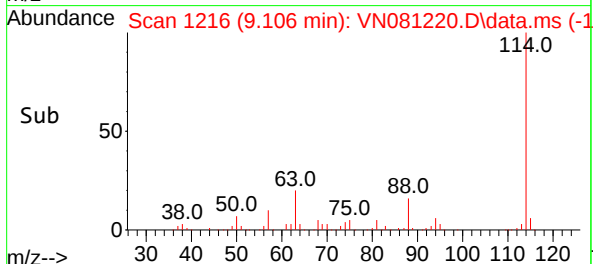
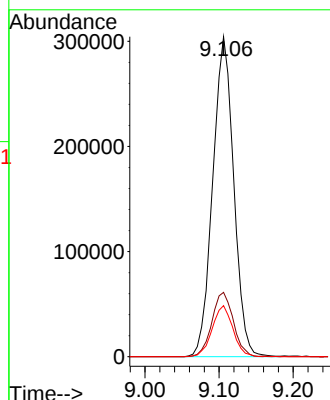
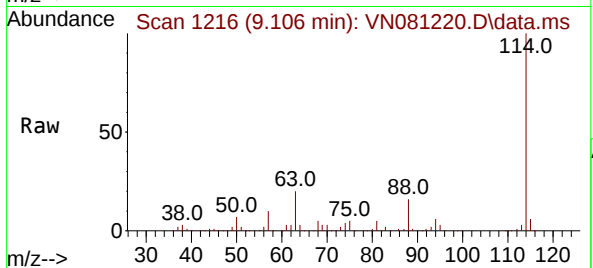
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	48.0
88	16.0	0.0	34.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 8.171 min Scan# 1057

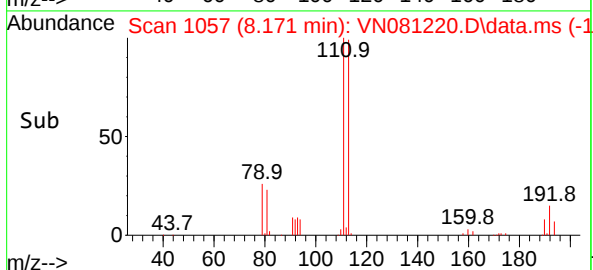
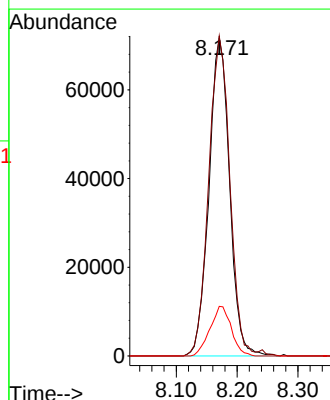
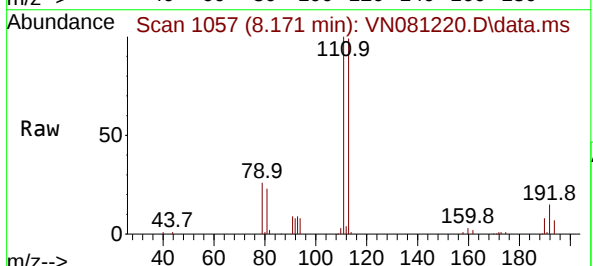
Delta R.T. 0.006 min

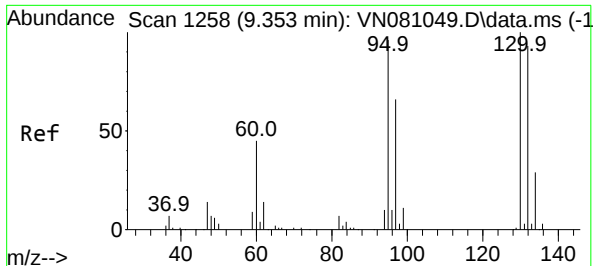
Lab File: VN081220.D

Acq: 27 Feb 2024 15:35

Tgt Ion:113 Resp: 168837

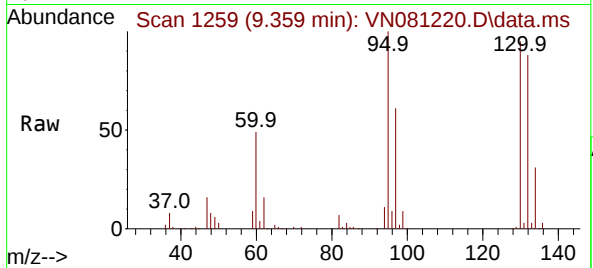
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	16.2	12.5	18.7





#44
Trichloroethene
Concen: 54.714 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35

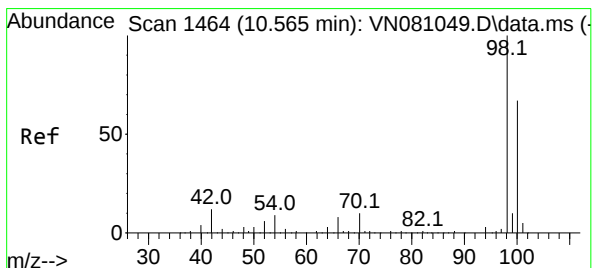
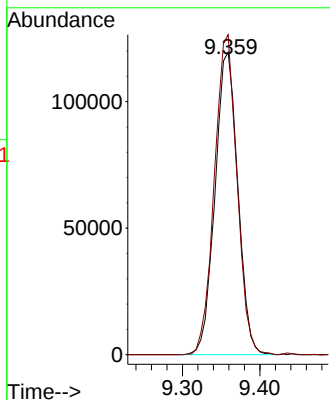
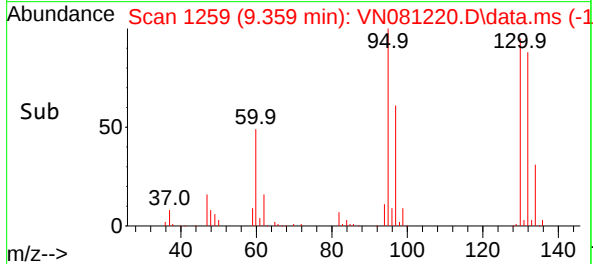
Instrument :
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ClientSampleId :
RE120D1-20240222



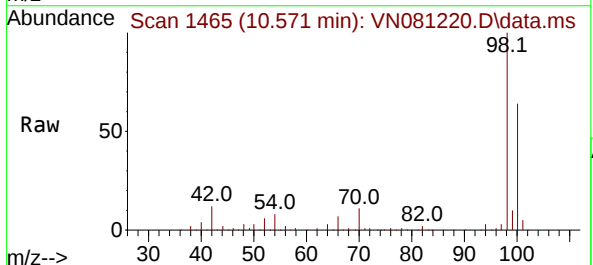
Tgt Ion:130 Resp: 24484
Ion Ratio Lower Upper
130 100
95 105.8 0.0 210.4

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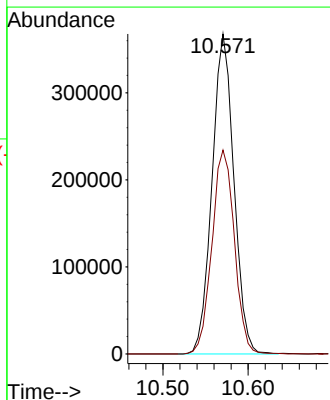
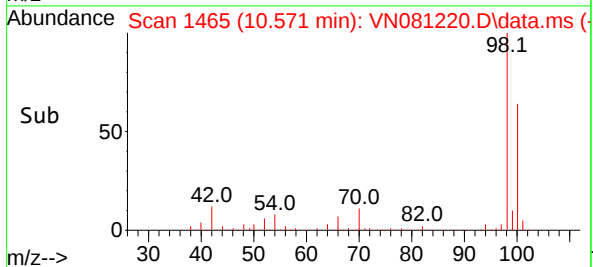
Reviewed By :John Carlone 02/28/2024
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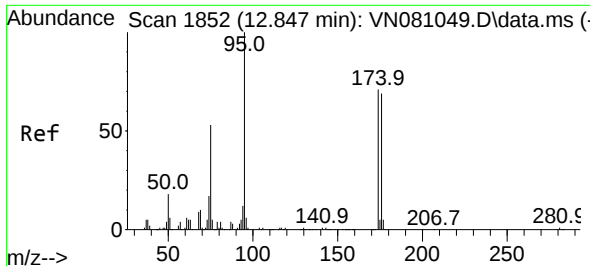


#50
Toluene-d8
Concen: 54.408 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35



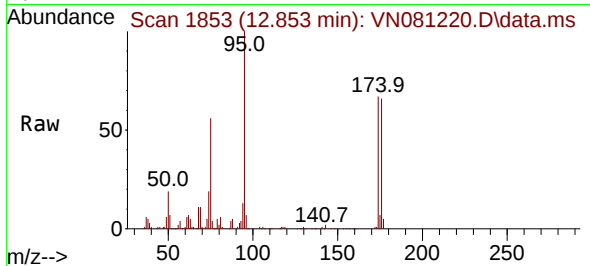
Tgt Ion: 98 Resp: 654742
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35

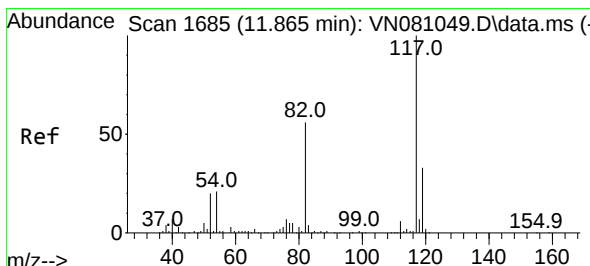
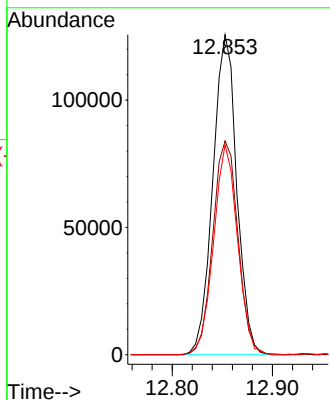
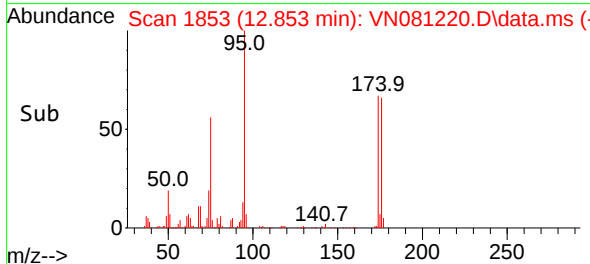
Instrument :
MSVOA_N
ClientSampleId :
RE120D1-20240222



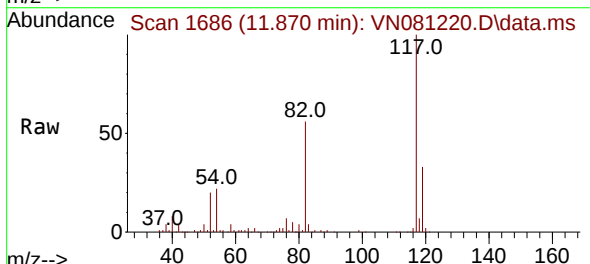
Tgt Ion: 95 Resp: 208063
Ion Ratio Lower Upper
95 100
174 70.2 0.0 120.4
176 65.7 0.0 121.0

Manual Integrations
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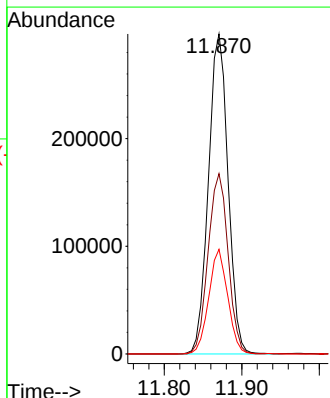
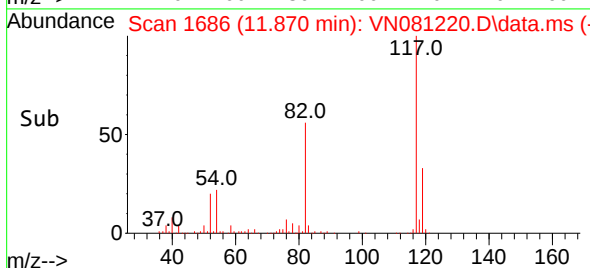
Reviewed By :John Carlone 02/28/2024
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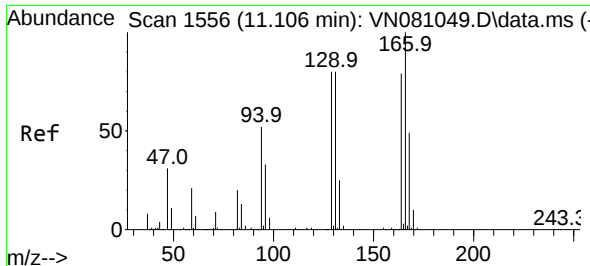


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35



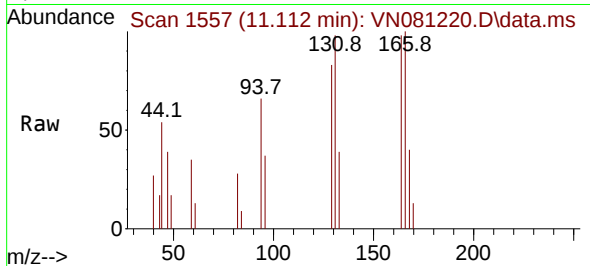
Tgt Ion:117 Resp: 522958
Ion Ratio Lower Upper
117 100
82 56.3 52.7 79.1
119 32.7 25.3 37.9





#64
Tetrachloroethene
Concen: 0.673 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35

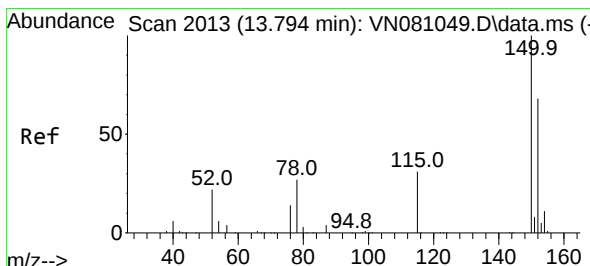
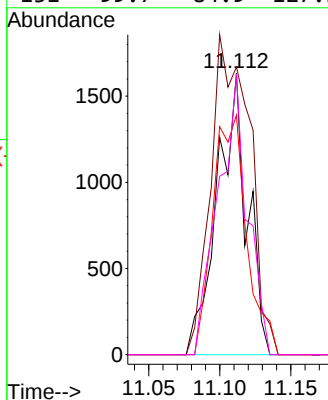
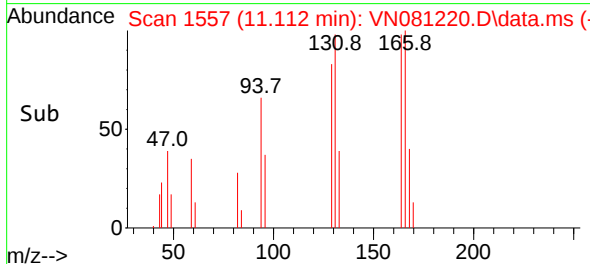
Instrument :
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RE120D1-20240222



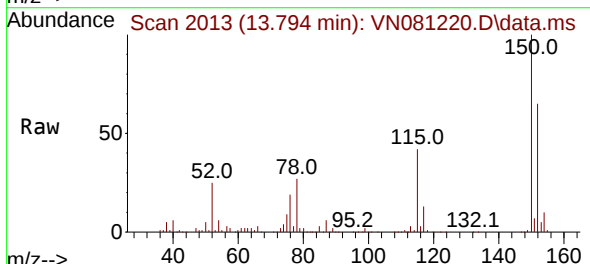
Tgt Ion:164 Resp: 240
Ion Ratio Lower Upper
164 100
166 102.1 105.8 158.6
129 85.1 89.6 134.4
131 99.7 84.9 127.3

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. -0.000 min
Lab File: VN081220.D
Acq: 27 Feb 2024 15:35



Tgt Ion:152 Resp: 202275
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 156.3 0.0 339.8

