

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077738.D
 Acq On : 18 May 2023 15:55
 Operator : JC\MD
 Sample : 02834-09 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20230516

Quant Time: May 19 07:35:29 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	365250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	669939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	575688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	249172	45.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.180%		
35) Dibromofluoromethane	8.171	113	208737	47.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	10.570	98	829960	49.358	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.853	95	273729	46.092	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.180%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.389	101	11863m	2.935	ug/l	Qvalue
27) cis-1,2-Dichloroethene	7.488	96	2044	0.395	ug/l	72
44) Trichloroethene	9.359	130	238280	49.907	ug/l	99
64) Tetrachloroethene	11.112	164	2422	0.602	ug/l #	85

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

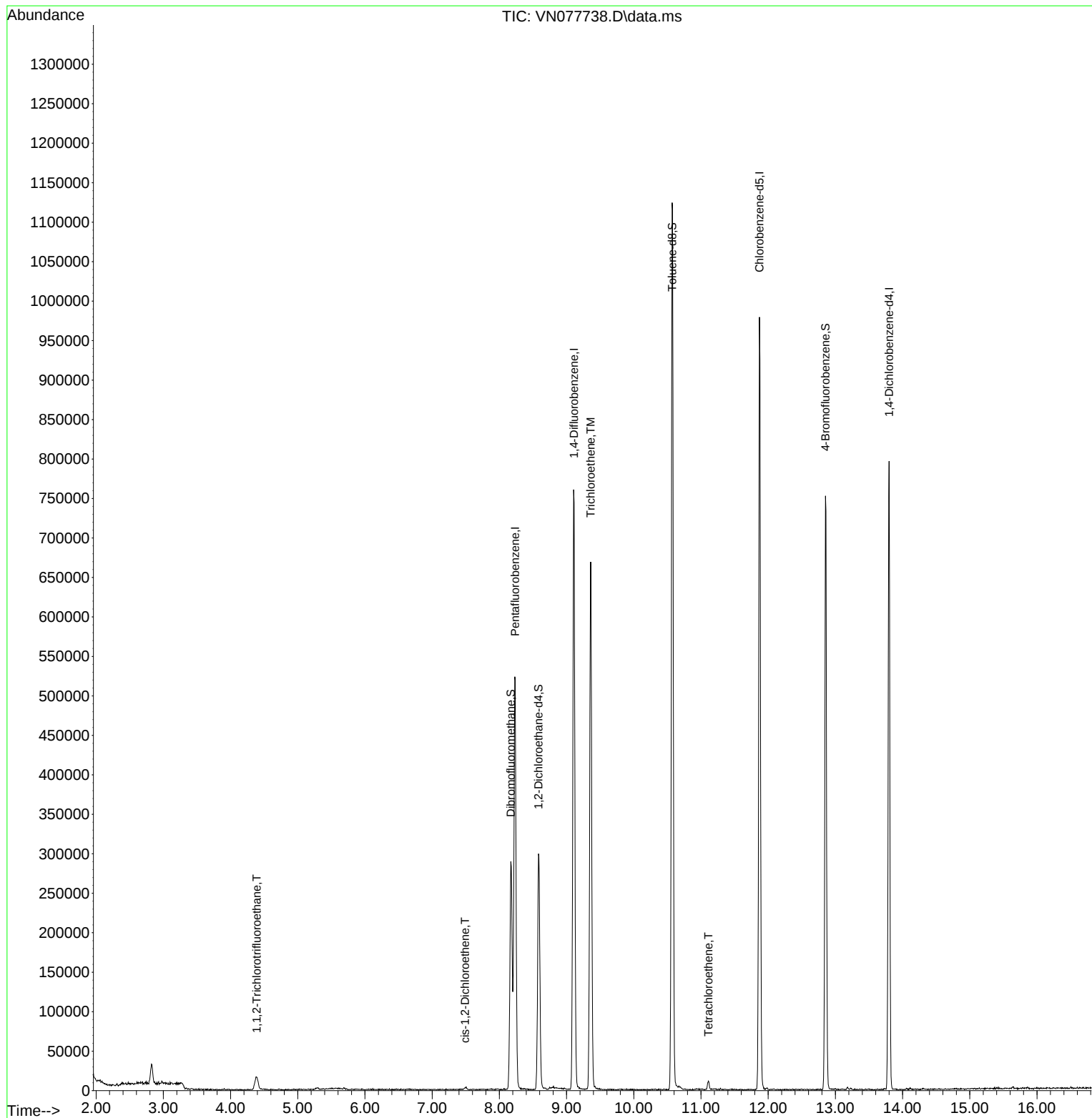
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
Data File : VN077738.D
Acq On : 18 May 2023 15:55
Operator : JC\MD
Sample : 02834-09 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

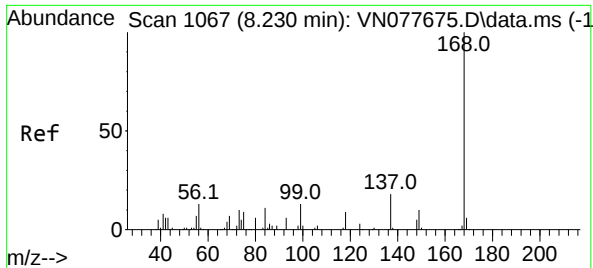
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230516

Quant Time: May 19 07:35:29 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

Manual Integrations
APPROVED

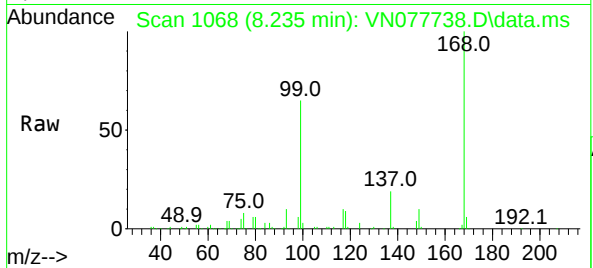
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

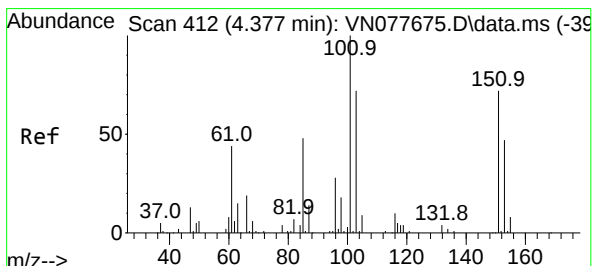
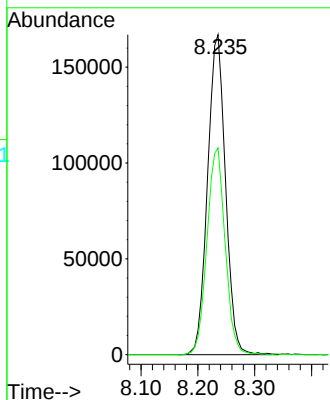
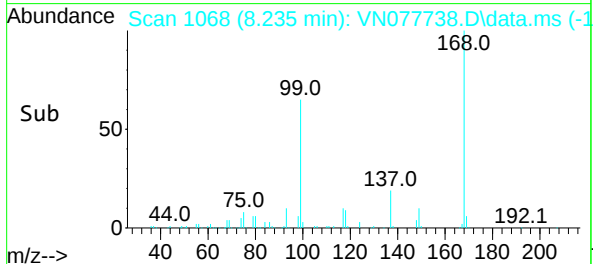
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230516



Tgt Ion:168 Resp: 365250
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6

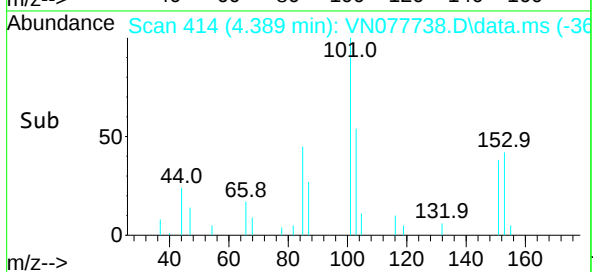
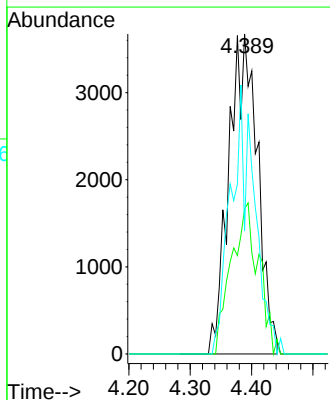
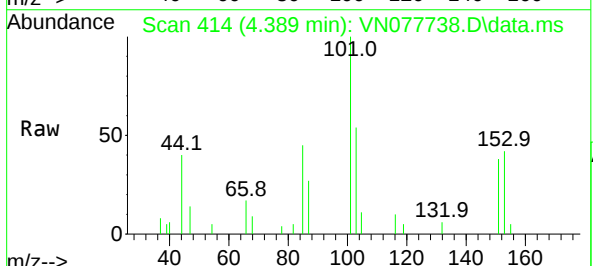
Manual Integrations
APPROVED

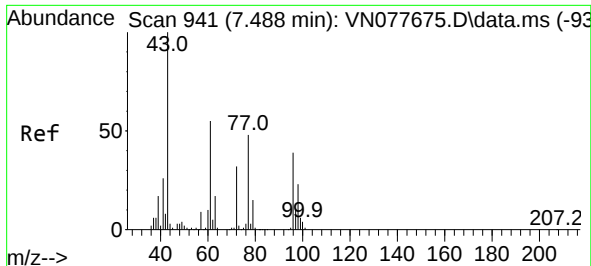
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.935 ug/l m
RT: 4.389 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

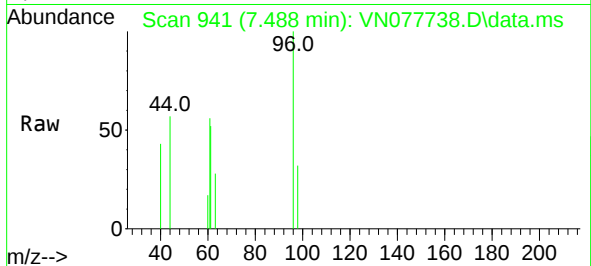
Tgt Ion:101 Resp: 11863
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 39.7 57.6 86.4#





#27
 cis-1,2-Dichloroethene
 Concen: 0.395 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN077738.D
 Acq: 18 May 2023 15:55

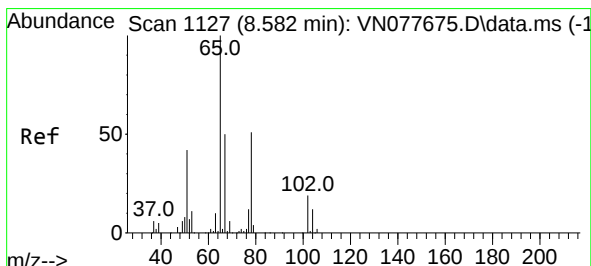
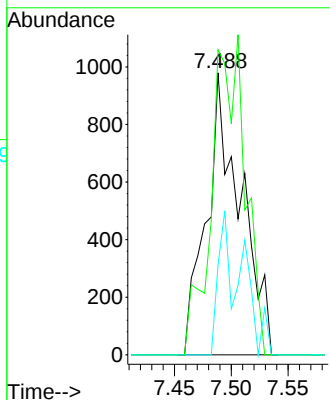
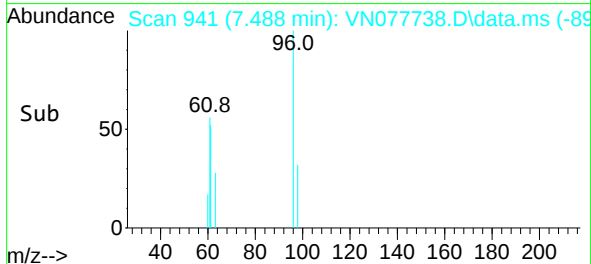
Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20230516



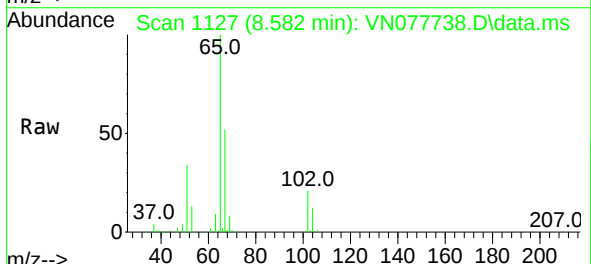
Tgt Ion: 96 Resp: 2044
 Ion Ratio Lower Upper
 96 100
 61 110.6 0.0 255.2
 98 20.9 0.0 128.8

Manual Integrations
 APPROVED

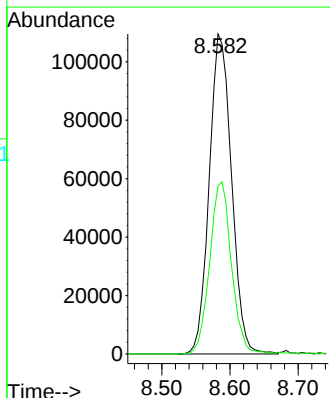
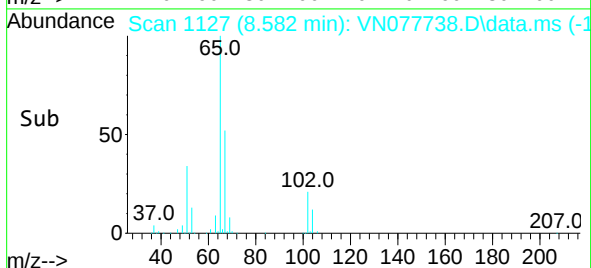
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

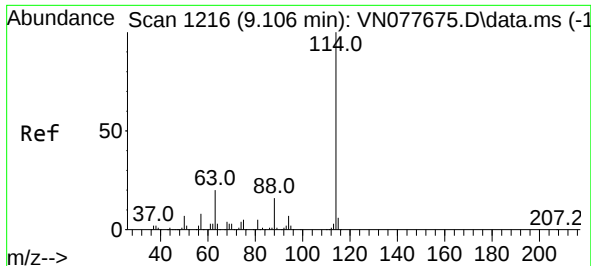


#33
 1,2-Dichloroethane-d4
 Concen: 45.593 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN077738.D
 Acq: 18 May 2023 15:55



Tgt Ion: 65 Resp: 249172
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077738.D

Acq: 18 May 2023 15:55

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20230516

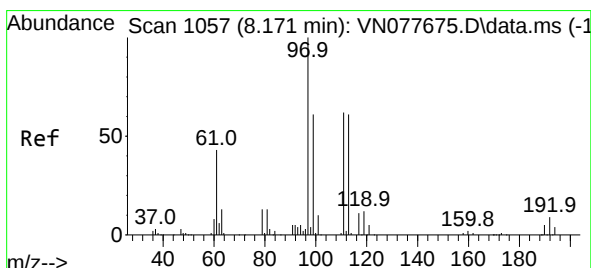
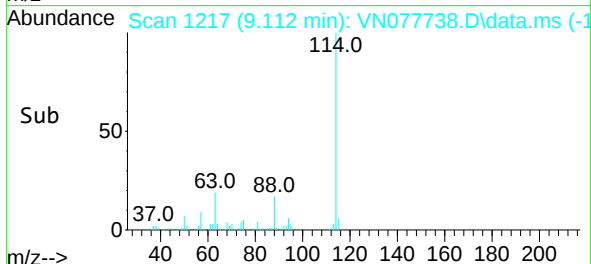
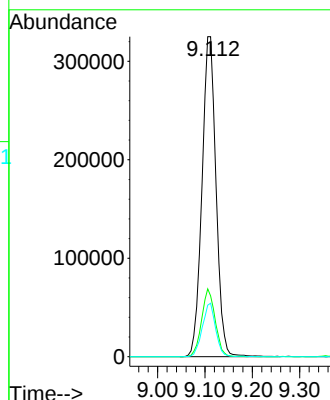
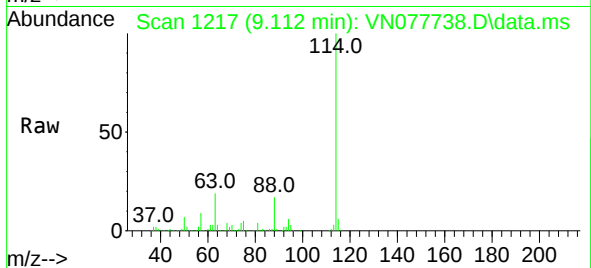
Tgt Ion:	114	Resp:	669939
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	36.4
88	16.7	0.0	30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#35

Dibromofluoromethane

Concen: 47.781 ug/l

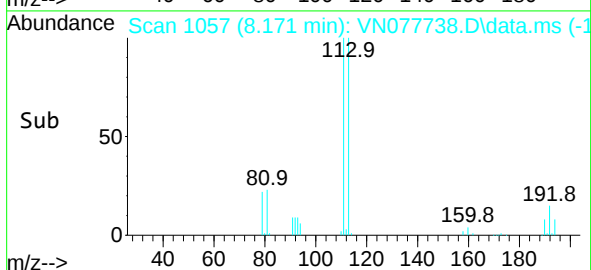
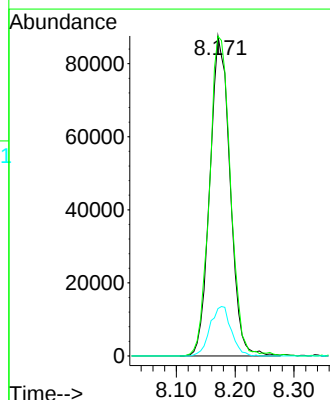
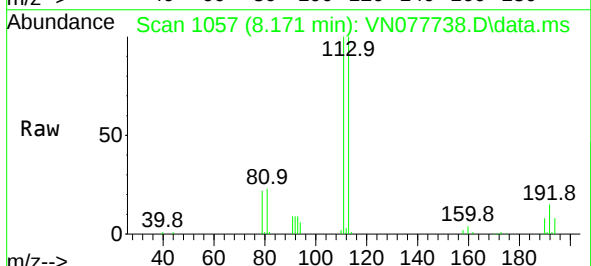
RT: 8.171 min Scan# 1057

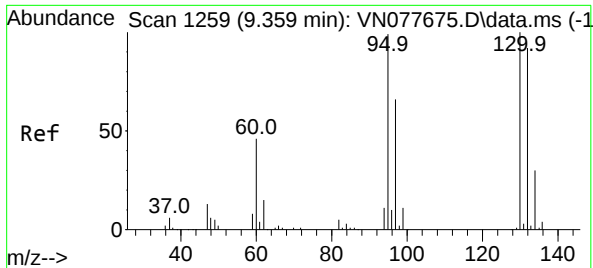
Delta R.T. -0.000 min

Lab File: VN077738.D

Acq: 18 May 2023 15:55

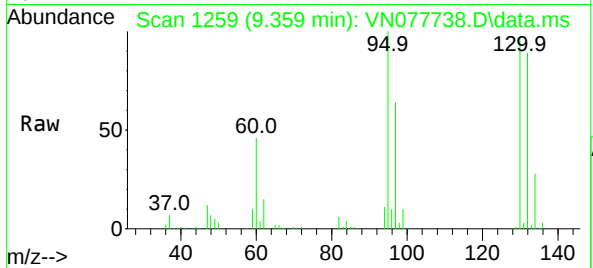
Tgt Ion:	113	Resp:	208737
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.6	123.8
192	16.2	12.7	19.1





#44
Trichloroethene
Concen: 49.907 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

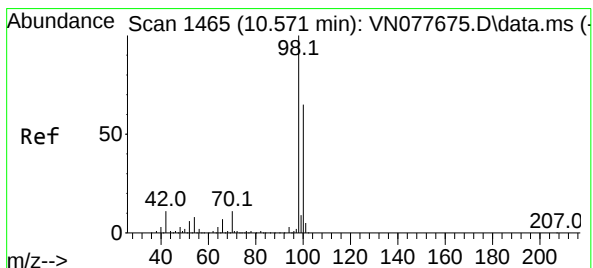
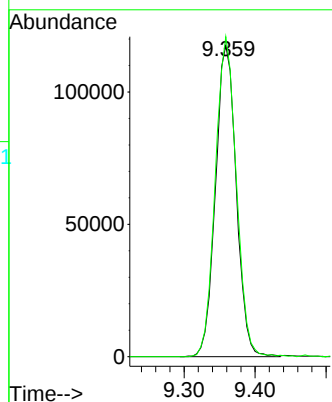
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230516



Tgt Ion:130 Resp: 238280
Ion Ratio Lower Upper
130 100
95 102.8 0.0 204.6

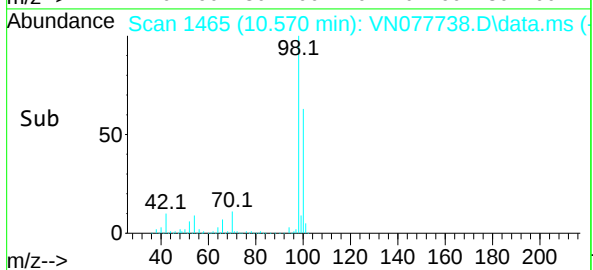
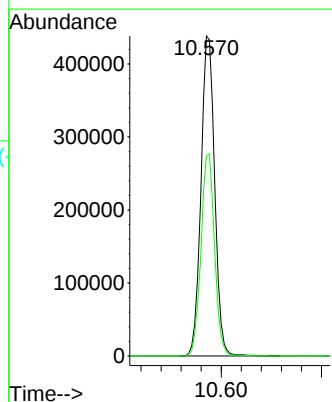
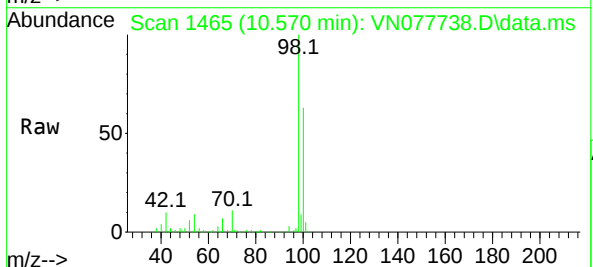
Manual Integrations
APPROVED

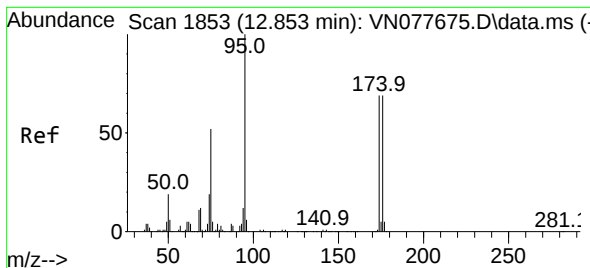
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#50
Toluene-d8
Concen: 49.358 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

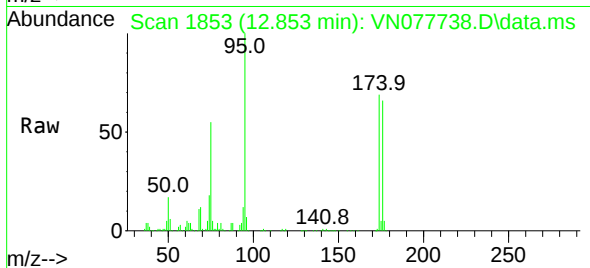
Tgt Ion: 98 Resp: 829960
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 46.092 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

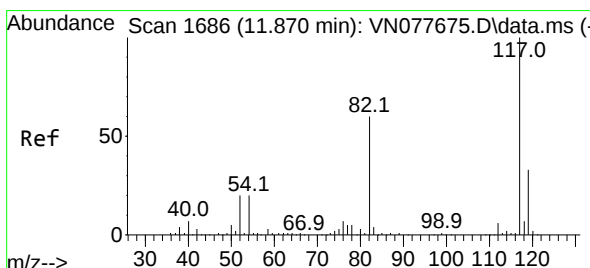
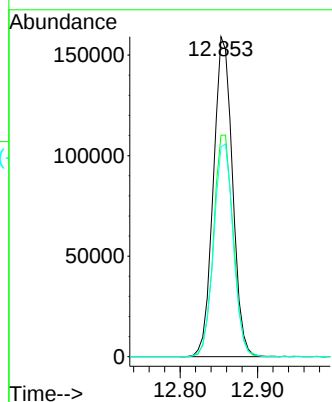
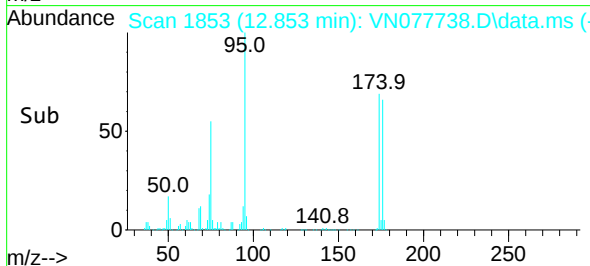
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230516



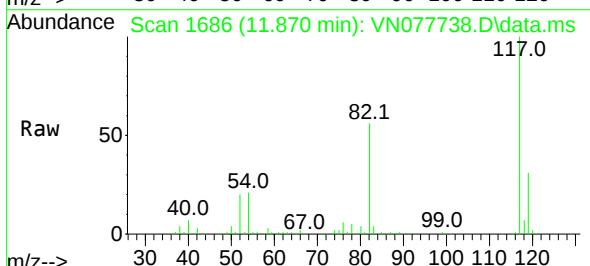
Tgt Ion: 95 Resp: 273729
Ion Ratio Lower Upper
95 100
174 70.7 0.0 143.8
176 67.9 0.0 135.8

Manual Integrations
APPROVED

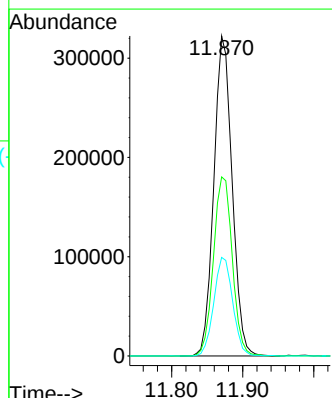
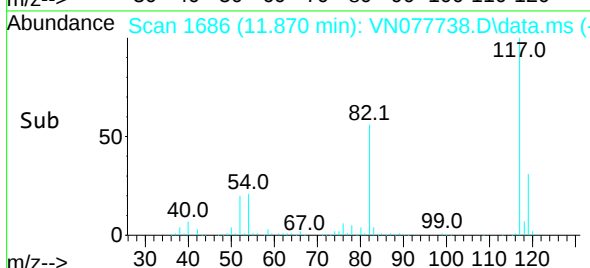
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

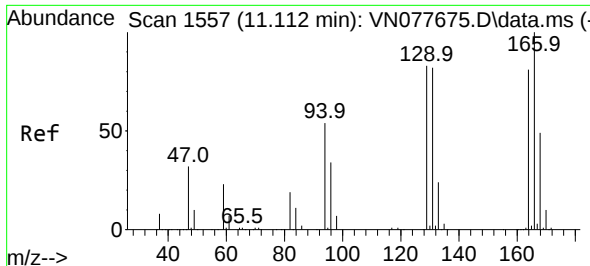


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55



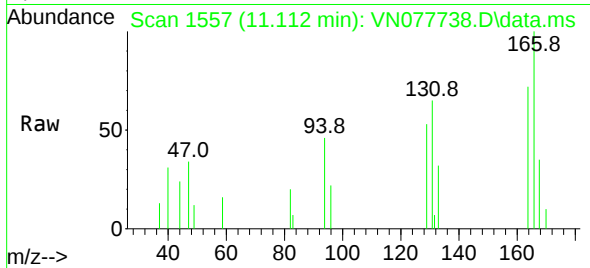
Tgt Ion:117 Resp: 575688
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 30.8 25.6 38.4





#64
Tetrachloroethene
Concen: 0.602 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

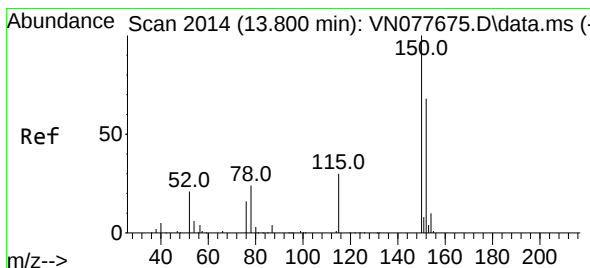
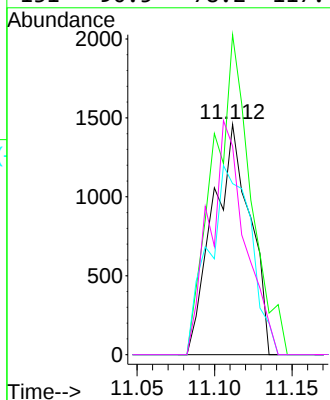
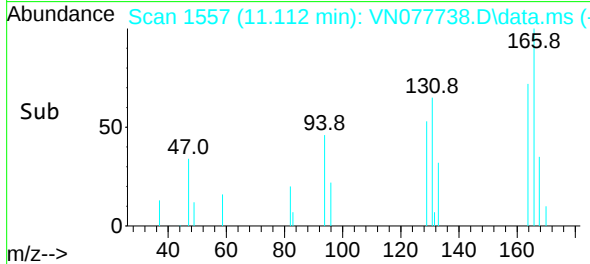
Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20230516



Tgt Ion	Ratio	Lower	Upper
164	100		
166	138.9	101.4	152.0
129	74.2	82.4	123.6
131	90.5	78.2	117.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1204
Delta R.T. -0.000 min
Lab File: VN077738.D
Acq: 18 May 2023 15:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.3	96.8
150	159.7	0.0	355.8

