

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077857.D
 Acq On : 24 May 2023 17:07
 Operator : JC\MD
 Sample : 02898-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 25 01:43:24 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	8.235	168	421056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	762516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	704745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	278581	44.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.440%		
35) Dibromofluoromethane	8.171	113	241729	48.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.240%		
50) Toluene-d8	10.576	98	952813	49.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.859	95	335401	49.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	101195	21.118	ug/l	99
4) Vinyl Chloride	2.518	62	3661622	606.074	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	298000	63.955	ug/l	98
12) 1,1-Dichloroethene	4.353	96	167454	37.812	ug/l	89
16) Acetone	4.453	43	10409m	5.252	ug/l	
21) trans-1,2-Dichloroethene	5.800	96	125459	25.220	ug/l #	85
27) cis-1,2-Dichloroethene	7.483	96	25601187m	4292.083	ug/l	
44) Trichloroethene	9.347	130	33430736m	6151.847	ug/l	
64) Tetrachloroethene	11.112	164	15831	3.212	ug/l #	79

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

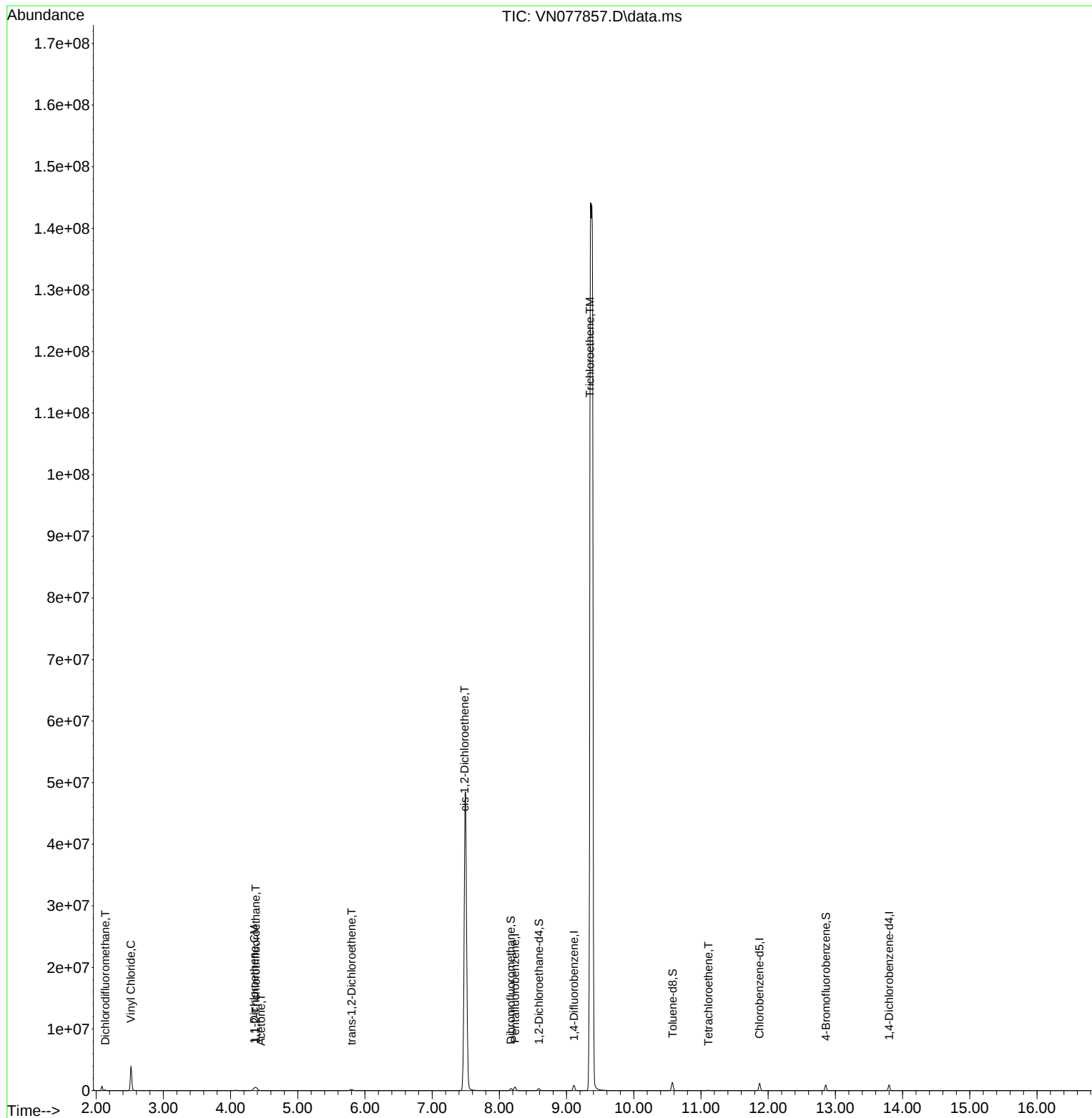
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
Data File : VN077857.D
Acq On : 24 May 2023 17:07
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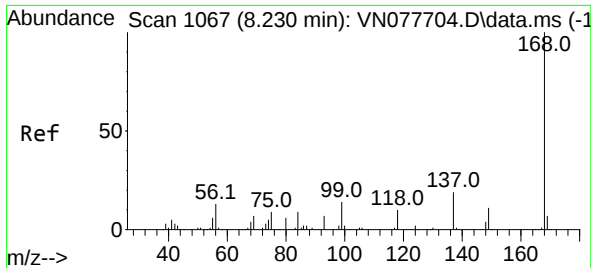
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522

Quant Time: May 25 01:43:24 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

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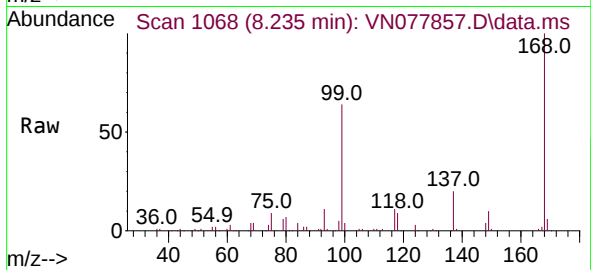
Reviewed By : John Carlone 05/25/2023
Supervised By : Mahesh Dadoda 05/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

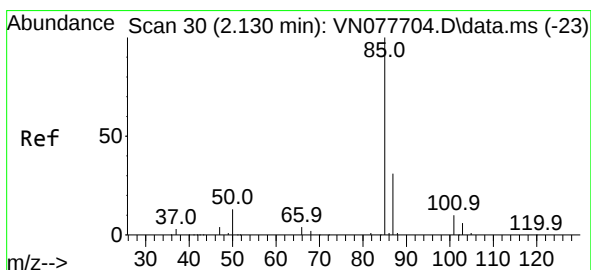
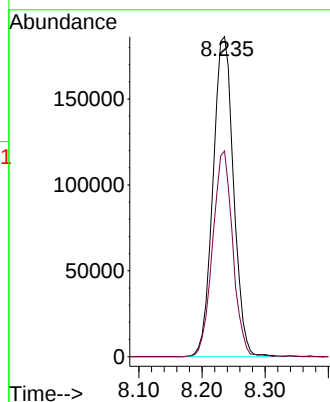
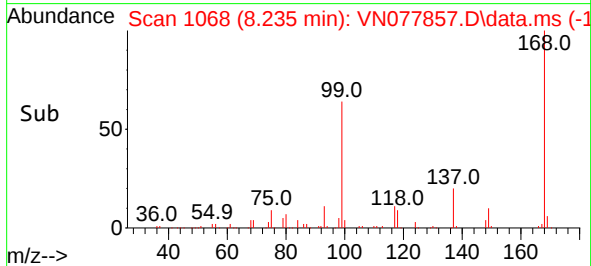
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522



Tgt Ion:168 Resp: 421050
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6

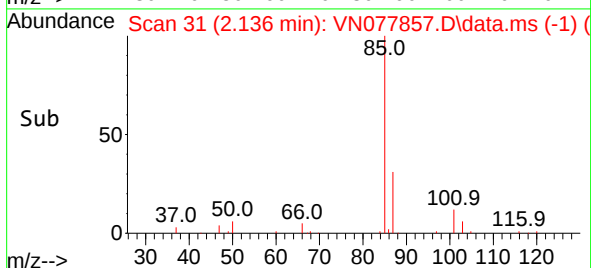
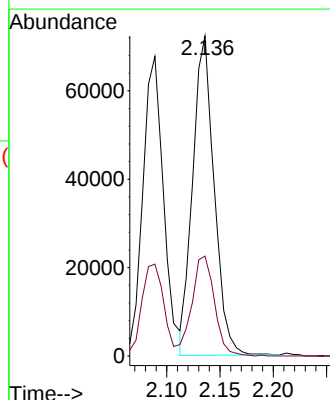
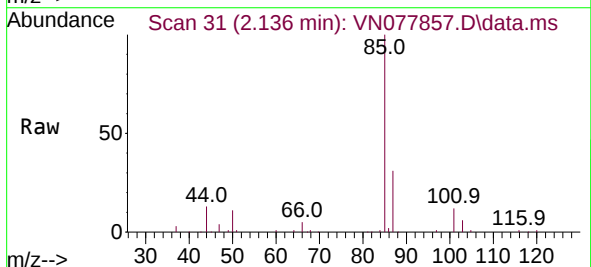
Manual Integrations
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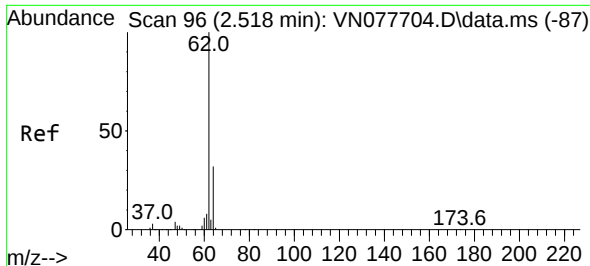
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 21.118 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

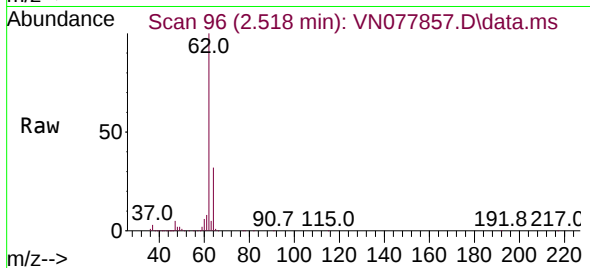
Tgt Ion: 85 Resp: 101195
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#4
 Vinyl Chloride
 Concen: 606.074 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN077857.D
 Acq: 24 May 2023 17:07

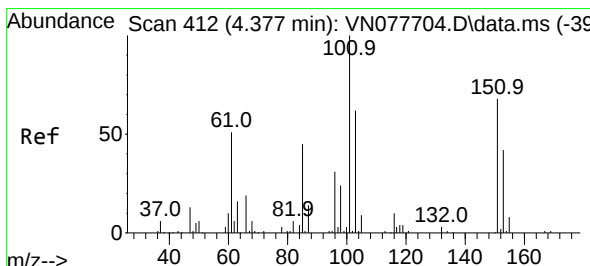
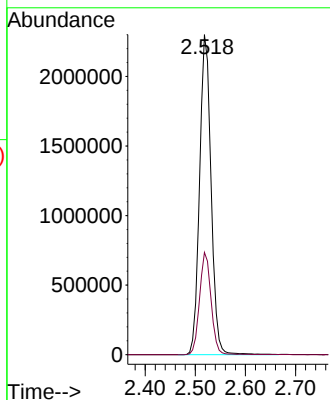
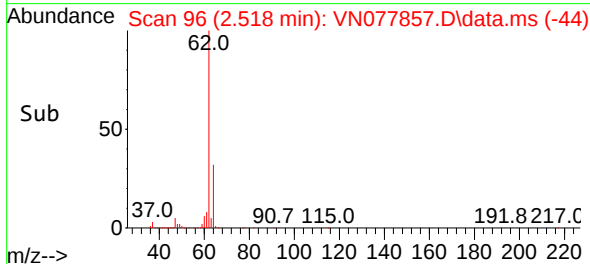
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522



Tgt Ion: 62 Resp: 366162
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.2 39.2

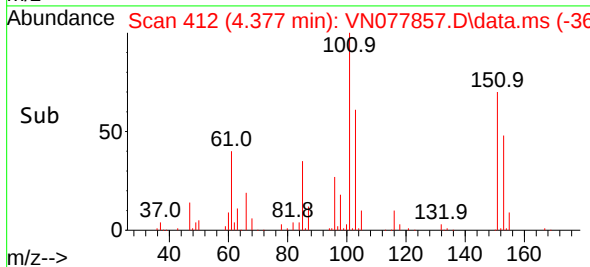
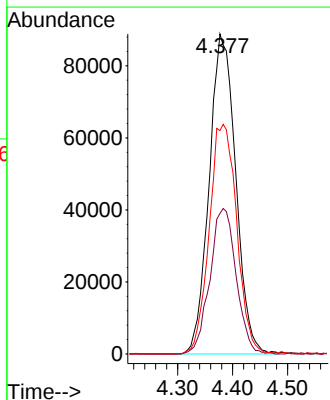
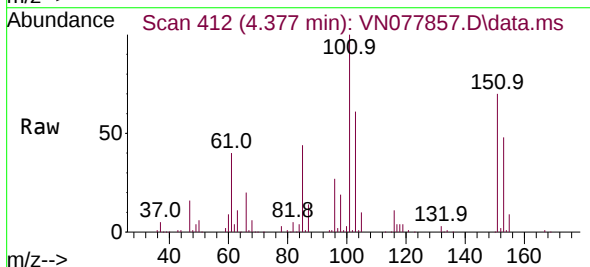
Manual Integrations
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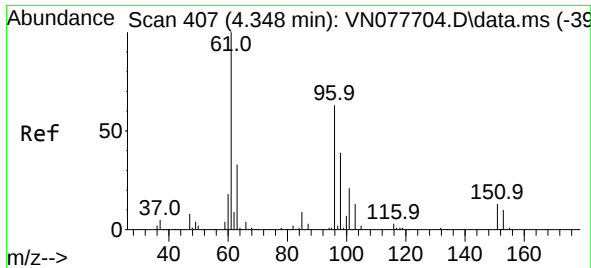
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 63.955 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VN077857.D
 Acq: 24 May 2023 17:07

Tgt Ion:101 Resp: 298000
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.6 55.0
 151 74.4 57.6 86.4





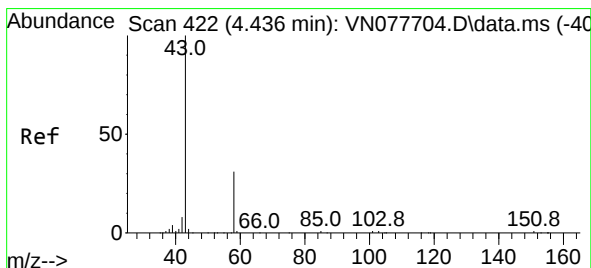
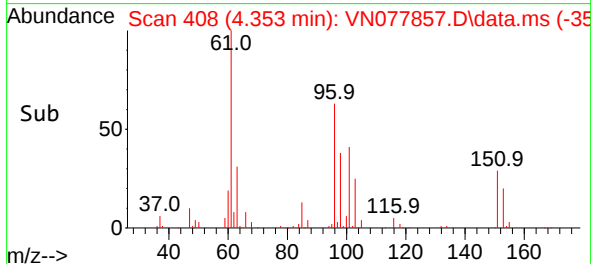
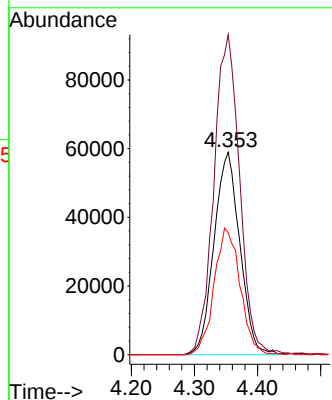
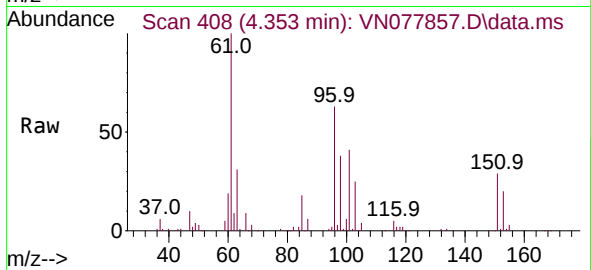
#12
1,1-Dichloroethene
Concen: 37.812 ug/l
RT: 4.353 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522

Tgt Ion: 96 Resp: 167454
Ion Ratio Lower Upper
96 100
61 158.0 112.7 169.1
98 60.2 51.2 76.8

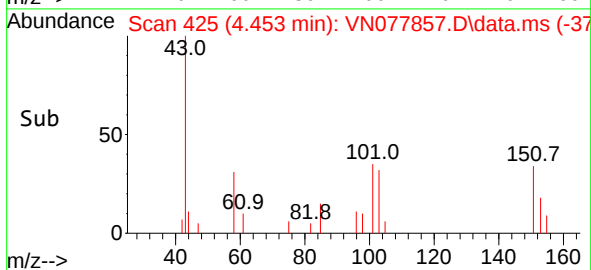
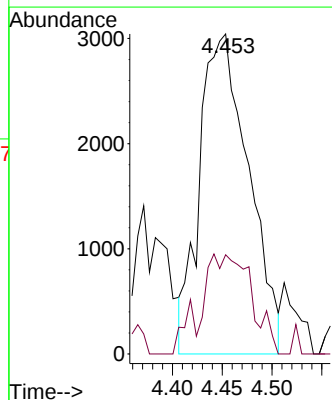
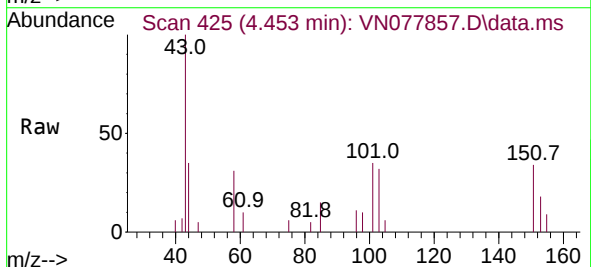
Manual Integrations
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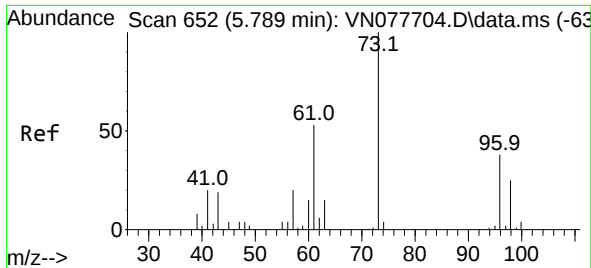
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#16
Acetone
Concen: 5.252 ug/l m
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

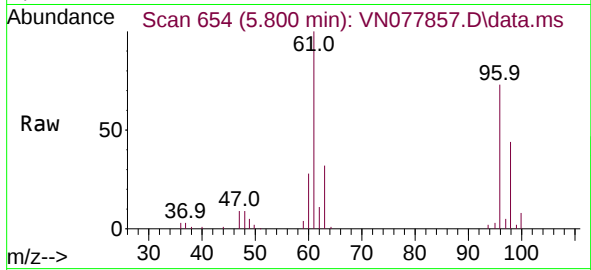
Tgt Ion: 43 Resp: 10409
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#21
trans-1,2-Dichloroethene
Concen: 25.220 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

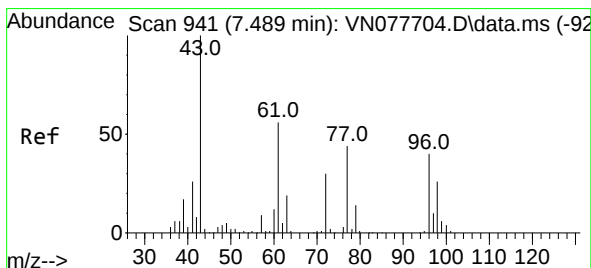
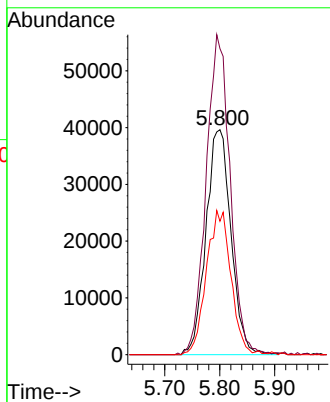
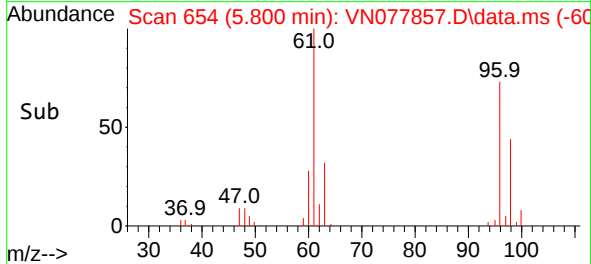
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522



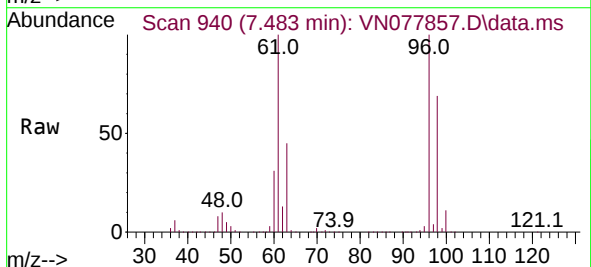
Tgt Ion: 96 Resp: 12545
Ion Ratio Lower Upper
96 100
61 135.3 90.1 135.1
98 59.4 46.4 69.6

Manual Integrations
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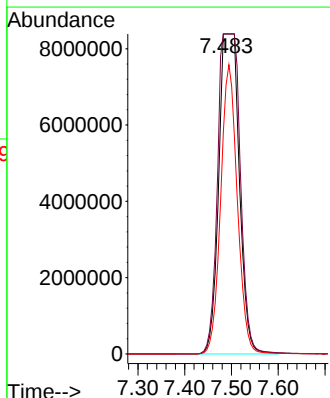
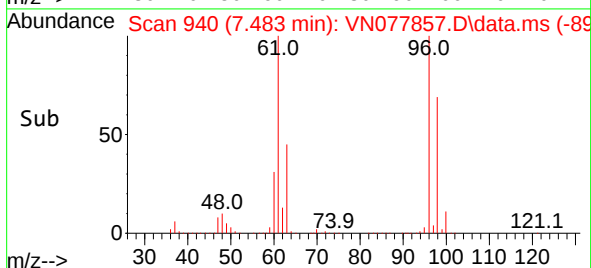
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

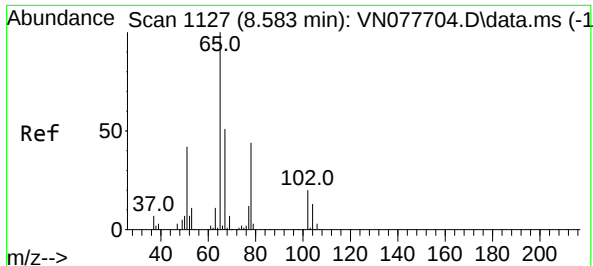


#27
cis-1,2-Dichloroethene
Concen: 4292.083 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07



Tgt Ion: 96 Resp:25601187
Ion Ratio Lower Upper
96 100
61 0.0 0.0 255.2
98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 44.219 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077857.D

Acq: 24 May 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20230522

Tgt Ion: 65 Resp: 27858

Ion Ratio Lower Upper

65 100

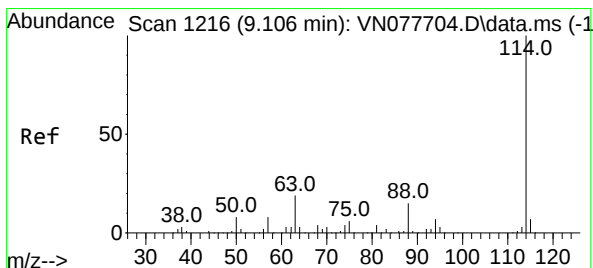
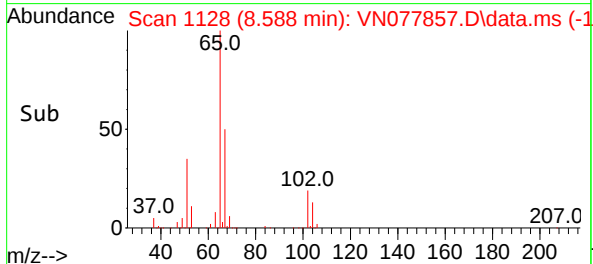
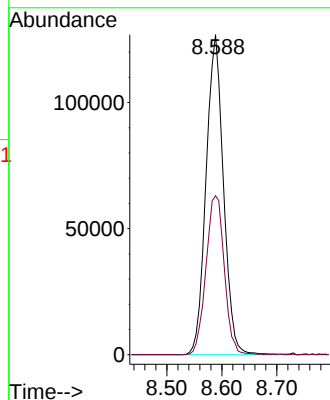
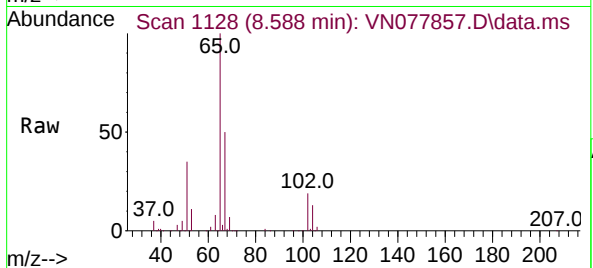
67 52.4 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077857.D

Acq: 24 May 2023 17:07

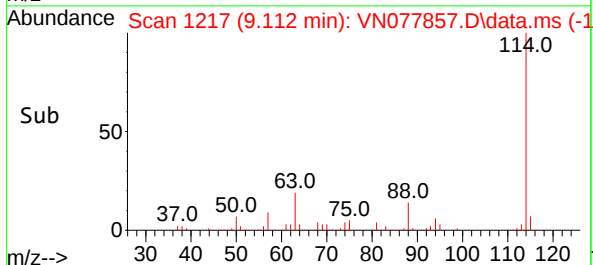
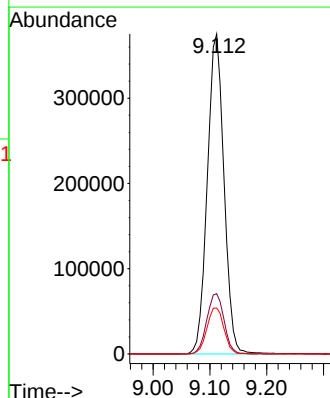
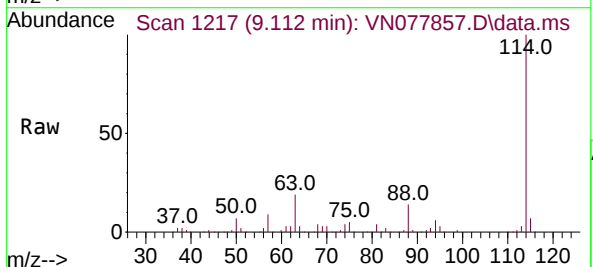
Tgt Ion:114 Resp: 762516

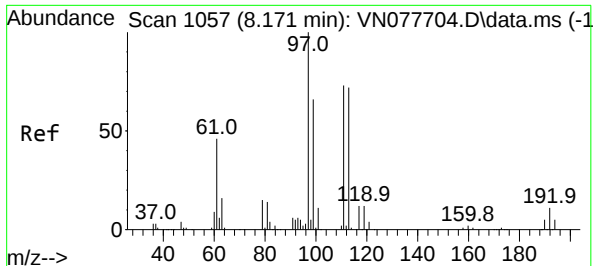
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.615 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077857.D

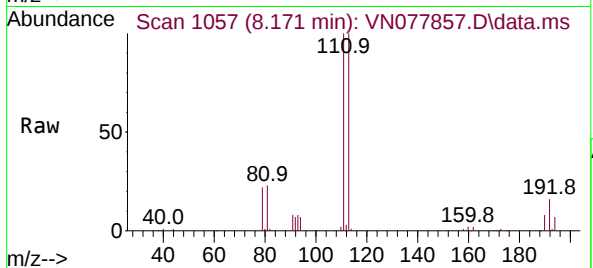
Acq: 24 May 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20230522



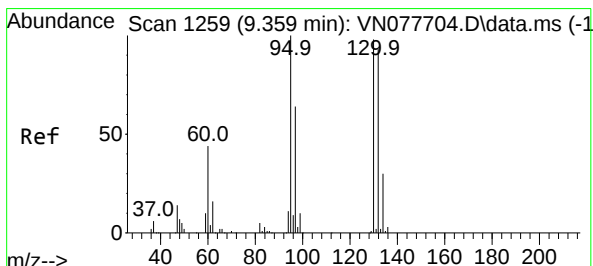
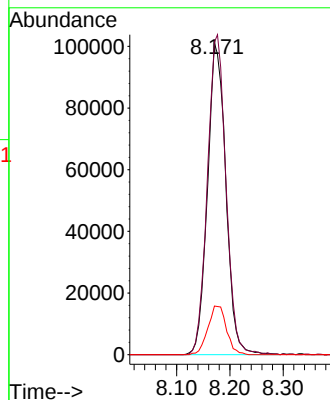
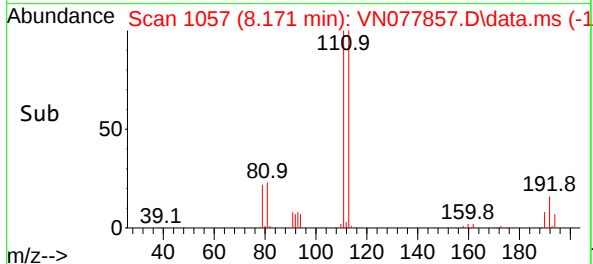
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	15.8	12.7	19.1

Manual Integrations

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Supervised By :Mahesh Dadoda 05/25/2023



#44

Trichloroethene

Concen: 6151.847 ug/l m

RT: 9.347 min Scan# 1257

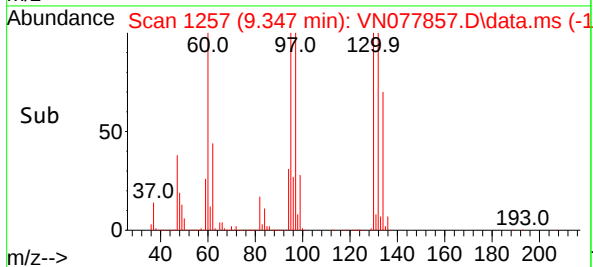
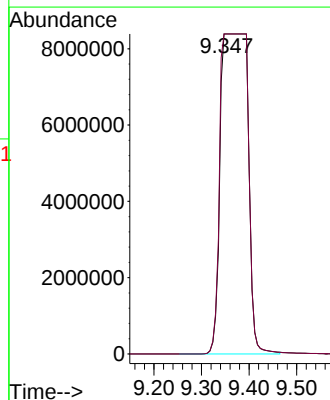
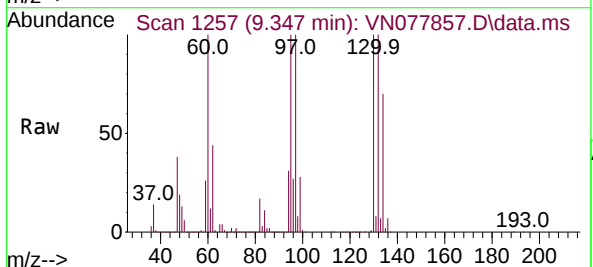
Delta R.T. -0.012 min

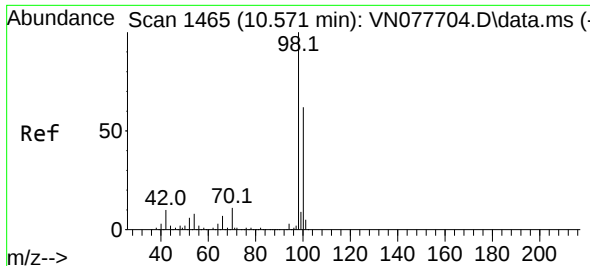
Lab File: VN077857.D

Acq: 24 May 2023 17:07

Tgt Ion:130 Resp:33430736

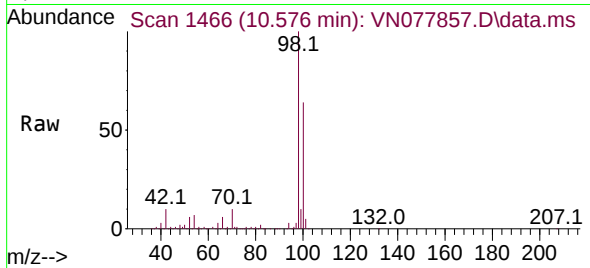
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	204.6





#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

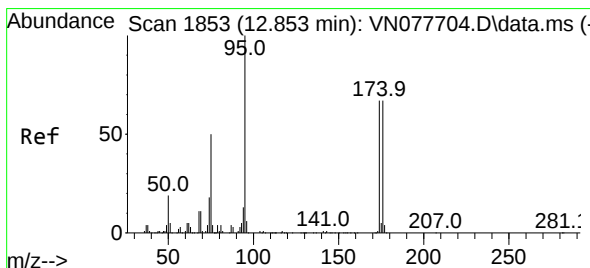
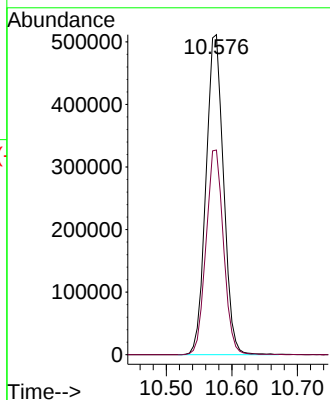
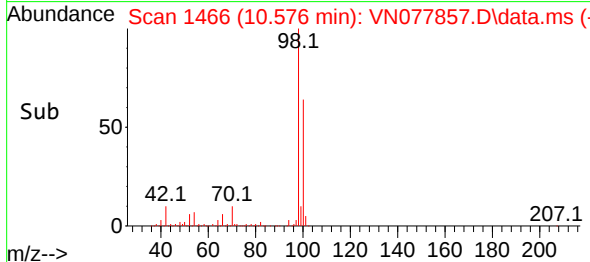
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522



Tgt Ion: 98 Resp: 95281
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

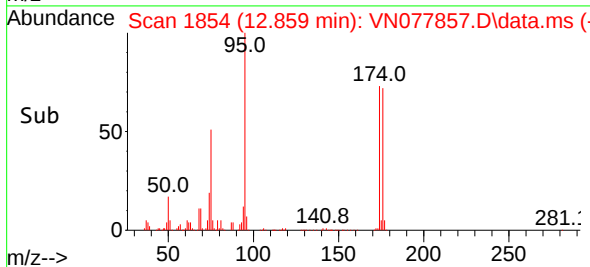
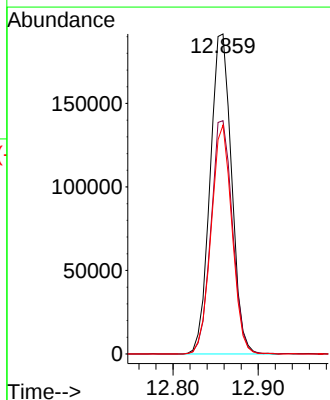
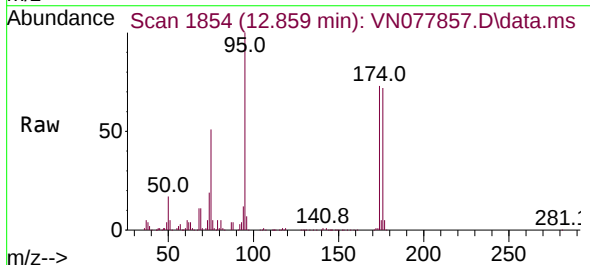
Manual Integrations
APPROVED

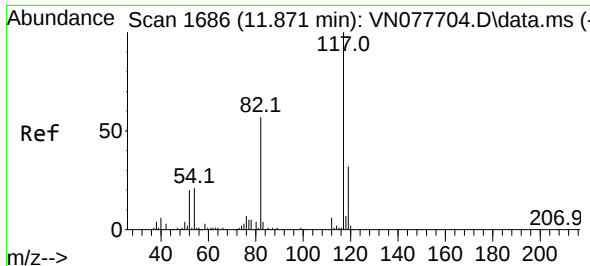
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
4-Bromofluorobenzene
Concen: 49.620 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

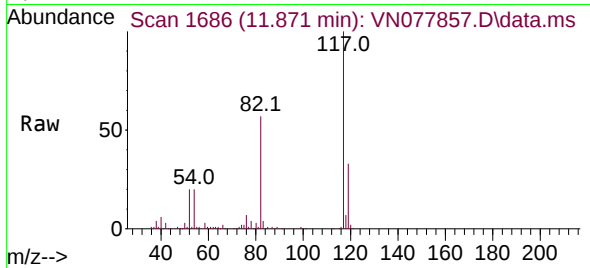
Tgt Ion: 95 Resp: 335401
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

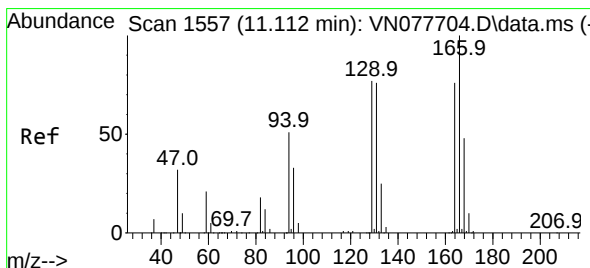
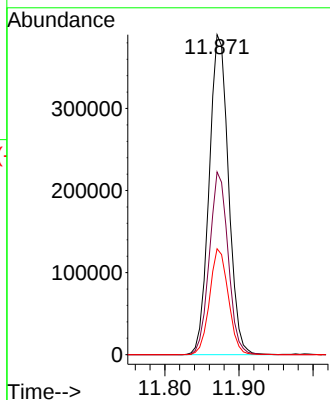
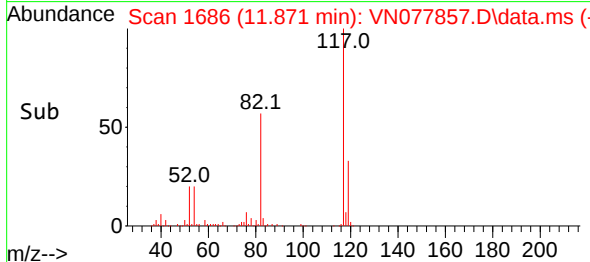
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230522



Tgt Ion:117 Resp: 704745
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 33.1 25.6 38.4

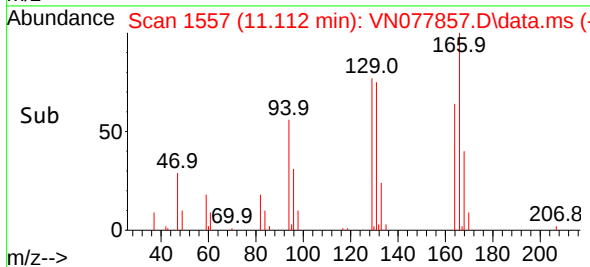
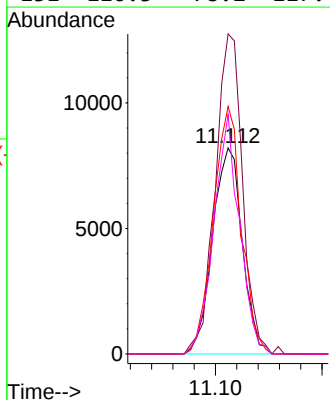
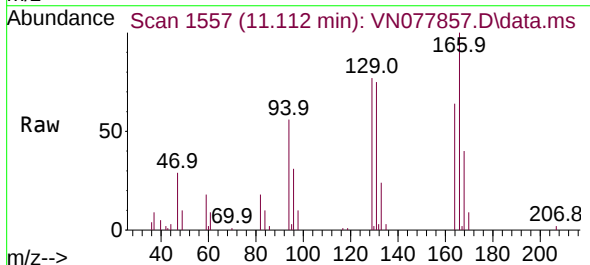
Manual Integrations
APPROVED

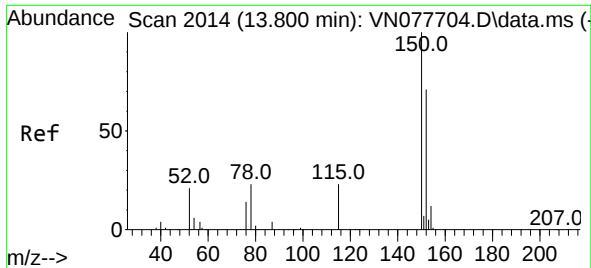
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#64
Tetrachloroethene
Concen: 3.212 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077857.D
Acq: 24 May 2023 17:07

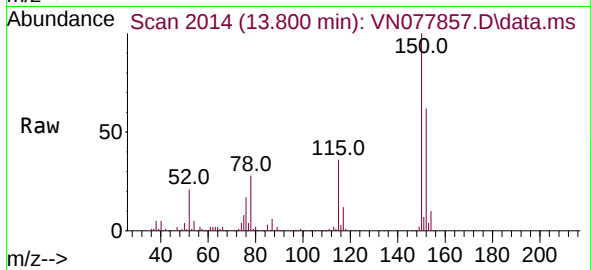
Tgt Ion:164 Resp: 15831
Ion Ratio Lower Upper
164 100
166 155.3 101.4 152.0#
129 120.1 82.4 123.6
131 116.3 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077857.D
 Acq: 24 May 2023 17:07

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230522



Tgt Ion:152 Resp: 25516
 Ion Ratio Lower Upper
 152 100
 115 60.8 32.3 96.8
 150 155.4 0.0 355.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

