

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023460.D
 Acq On : 12 Nov 2021 22:49
 Operator : SY/MD
 Sample : M4616-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1X7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 13 01:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 13 01:39:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117661	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	115687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52262	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49826	6.760	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.200%#		
7) Chloroethane-d5	1.568	69	35936	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.600%		
11) 1,1-Dichloroethene-d2	2.108	63	64914	4.704	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 94.000%		
20) 2-Butanone-d5	3.892	46	81804	64.418	ug/L	-0.10
Spiked Amount	50.000	Range 40 - 130	Recovery	= 128.840%		
24) Chloroform-d	4.349	84	80698	5.137	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.800%		
26) 1,2-Dichloroethane-d4	5.034	65	40965	5.799	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.000%		
32) Benzene-d6	5.053	84	161885	5.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.000%		
36) 1,2-Dichloropropane-d6	6.069	67	48863	5.592	ug/L	-0.03
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.800%		
41) Toluene-d8	7.316	98	139469	5.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.200%		
43) trans-1,3-Dichloroprop...	7.625	79	16686	5.036	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.800%		
46) 2-Hexanone-d5	8.091	63	52267	42.876	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.760%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30408	4.839	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	50241	5.773	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.400%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	1206490	82.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12438	1.688	ug/L	98
12) 1,1-Dichloroethene	2.117	96	3660	0.522	ug/L #	1
13) Acetone	2.185	43	1993m	2.568	ug/L	
19) 1,1-Dichloroethane	3.191	63	30774	2.113	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	6847	0.825	ug/L #	86
29) 1,1,1-Trichloroethane	4.616	97	2137	0.152	ug/L #	58
34) Trichloroethene	5.915	95	49645	5.774	ug/L	97
47) Tetrachloroethene	7.976	164	917	0.123	ug/L	84

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

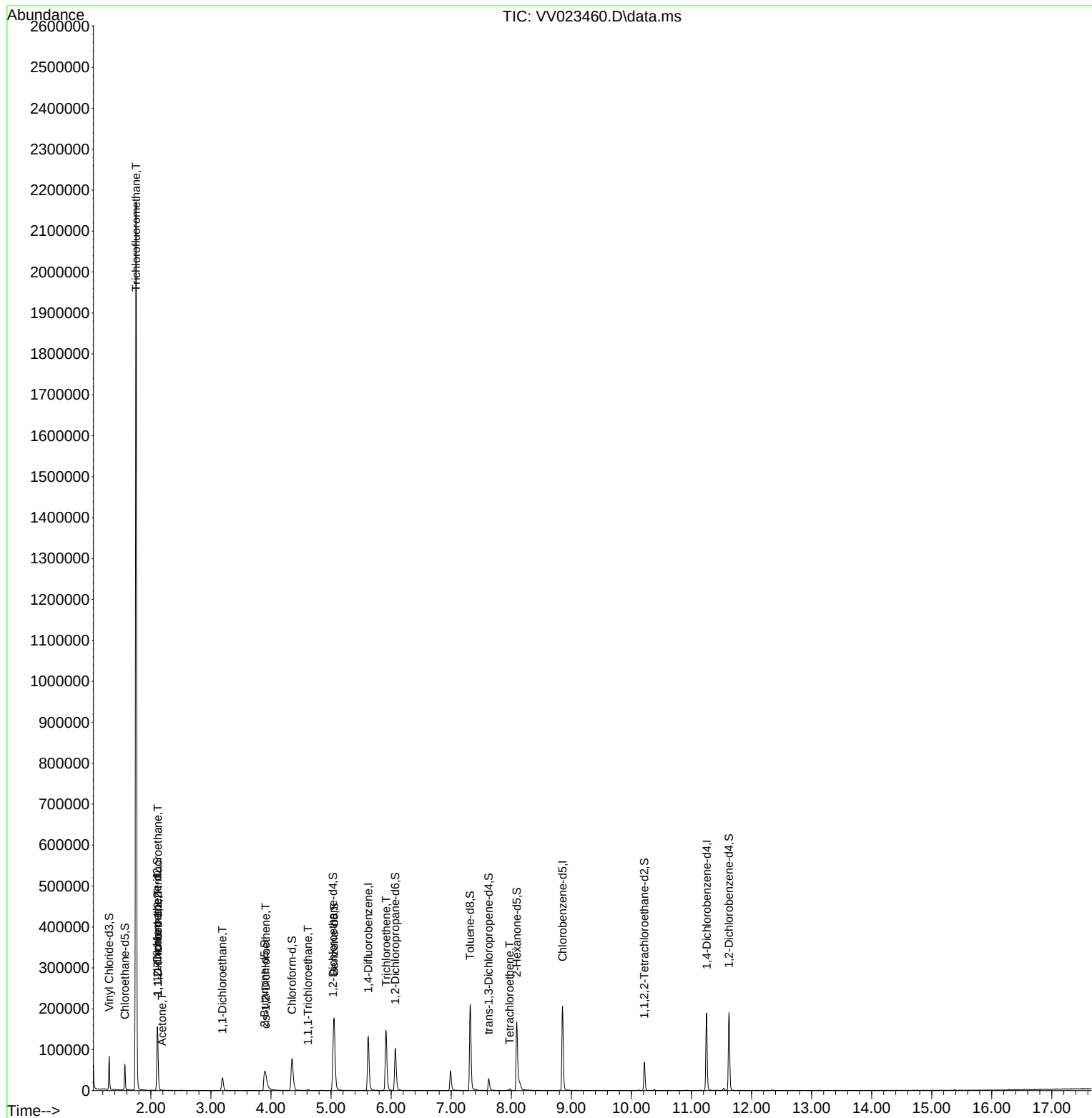
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023460.D
Acq On : 12 Nov 2021 22:49
Operator : SY/MD
Sample : M4616-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

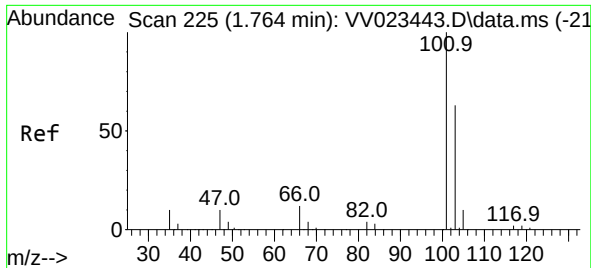
Instrument :
MSVOA_V
ClientSampleId :
BG1X7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

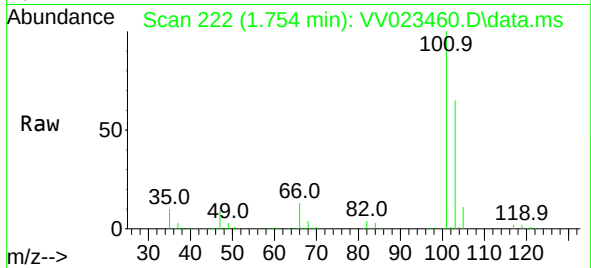
Quant Time: Nov 13 01:59:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 13 01:39:11 2021
Response via : Initial Calibration





#9
Trichlorofluoromethane
Concen: 82.421 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.010 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

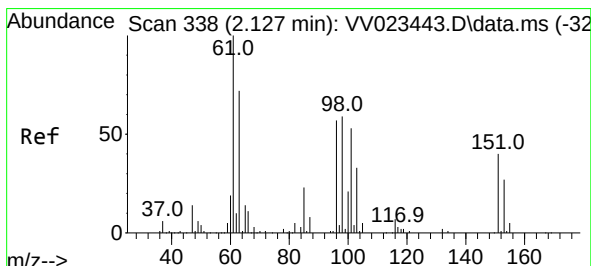
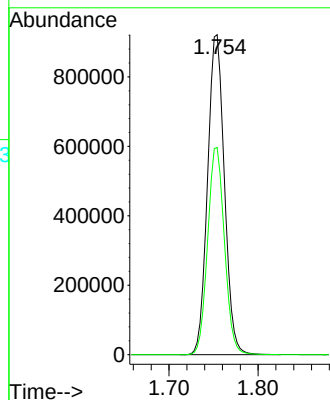
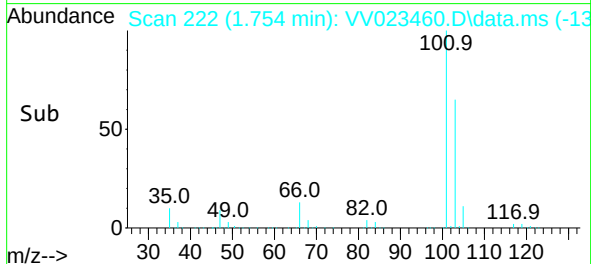
Instrument :
MSVOA_V
ClientSampleId :
BG1X7



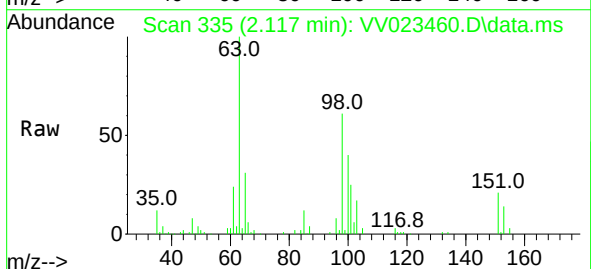
Tgt Ion:101 Resp: 1206490
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

Manual Integrations
APPROVED

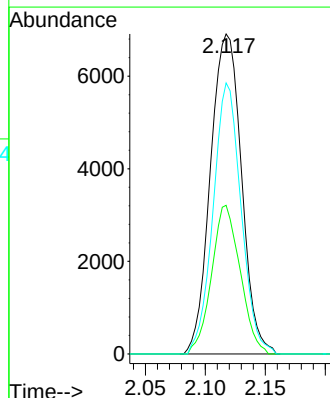
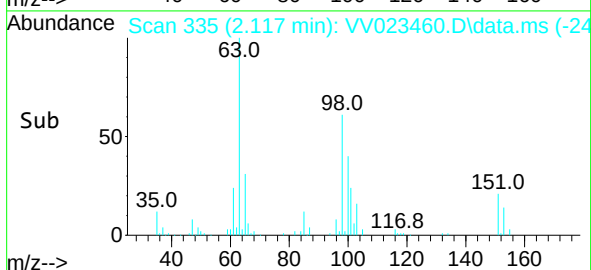
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

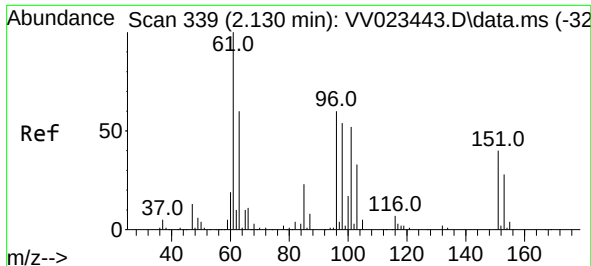


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.688 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.010 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49



Tgt Ion:101 Resp: 12438
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 76.4 62.2 93.2





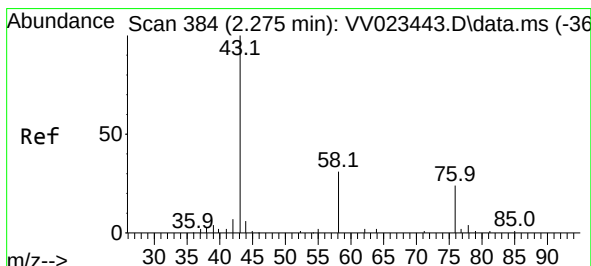
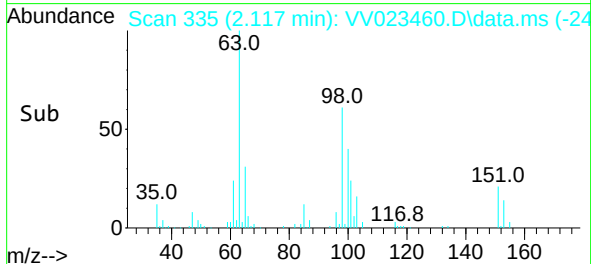
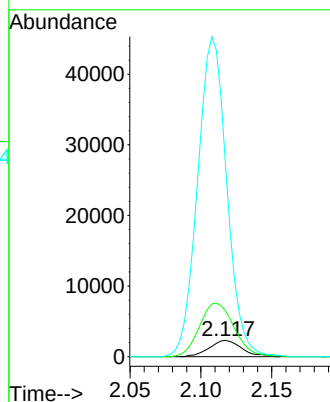
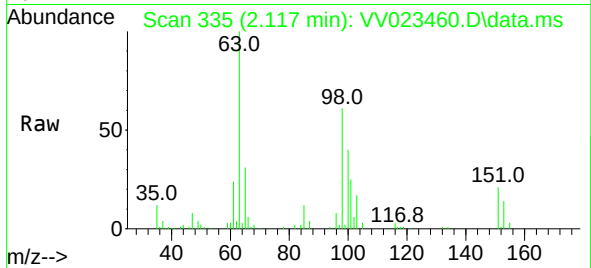
#12
1,1-Dichloroethene
Concen: 0.522 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :
BG1X7

Tgt Ion: 96 Resp: 3660
Ion Ratio Lower Upper
96 100
61 281.2 121.5 225.7
63 1178.0 99.6 185.0

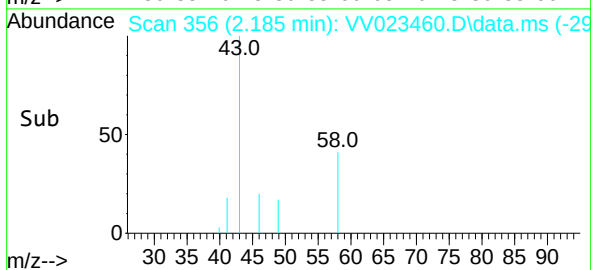
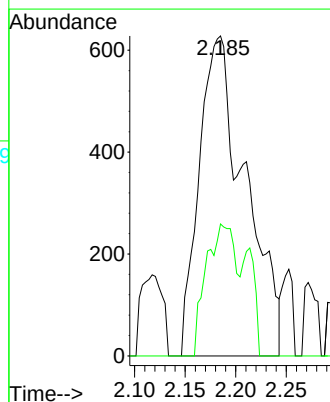
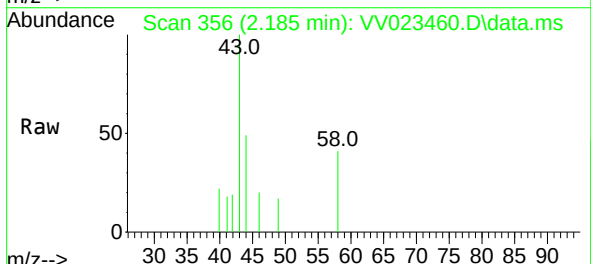
Manual Integrations
APPROVED

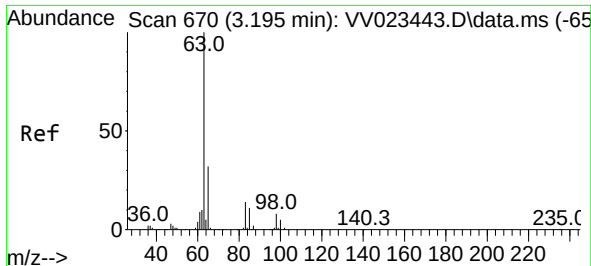
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021



#13
Acetone
Concen: 2.568 ug/L m
RT: 2.185 min Scan# 356
Delta R.T. -0.090 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 26.7 0.0 55.4





#19

1,1-Dichloroethane

Concen: 2.113 ug/L

RT: 3.191 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV023460.D

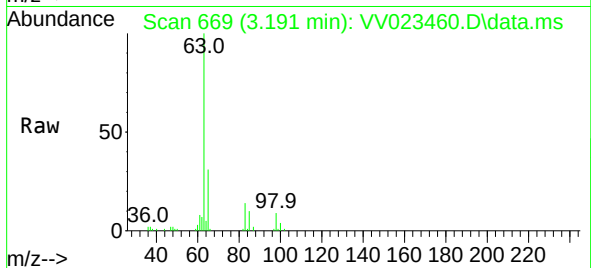
Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :

BG1X7



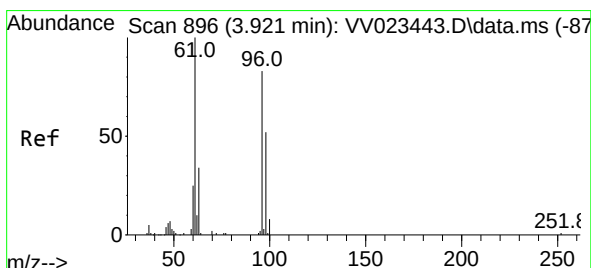
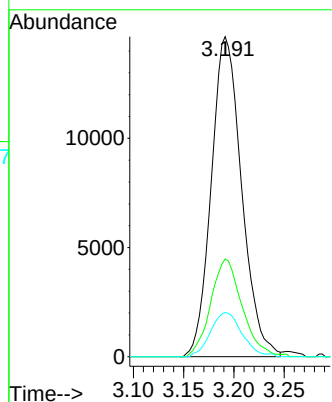
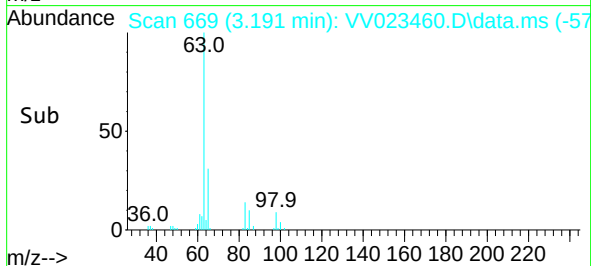
Tgt Ion:	63	Resp:	30774
Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.6	42.0
83	13.8	11.1	20.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/15/2021



#22

cis-1,2-Dichloroethene

Concen: 0.825 ug/L

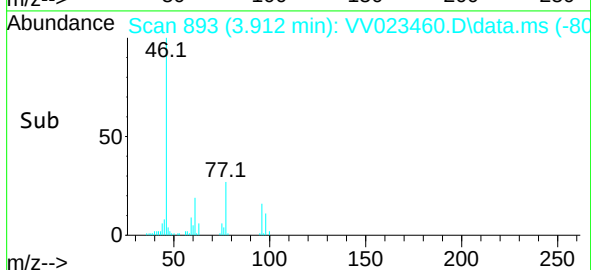
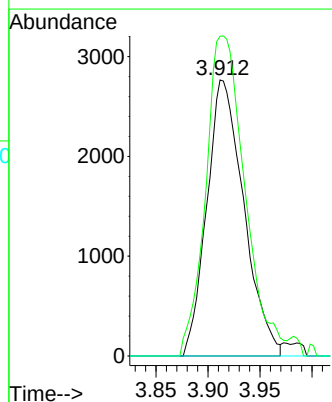
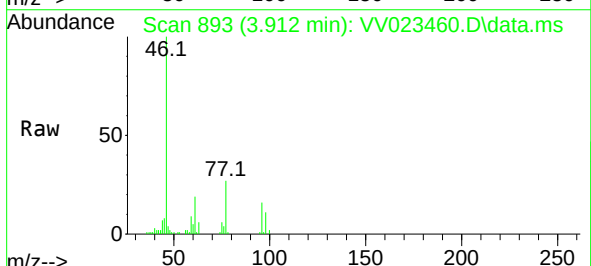
RT: 3.912 min Scan# 893

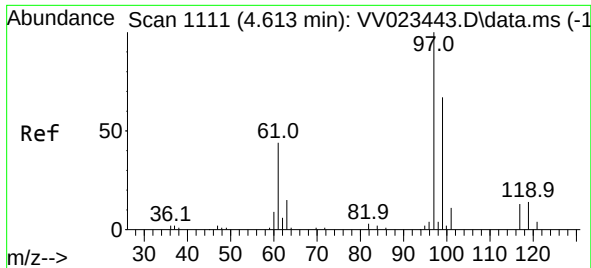
Delta R.T. -0.010 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Tgt Ion:	96	Resp:	6847
Ion	Ratio	Lower	Upper
96	100		
61	115.8	92.3	171.3
68	0.0	0.4	0.8





#29

1,1,1-Trichloroethane

Concen: 0.152 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

Instrument :

MSVOA_V

ClientSampleId :

BG1X7

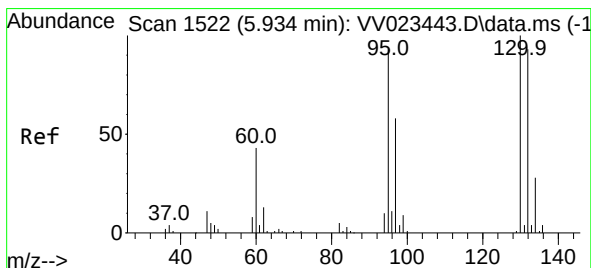
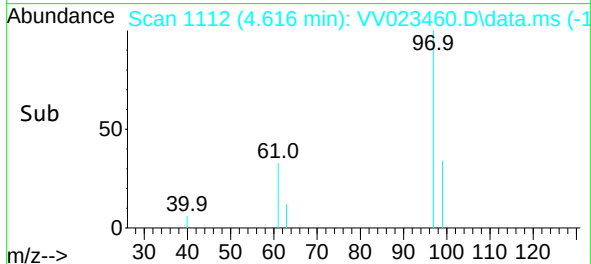
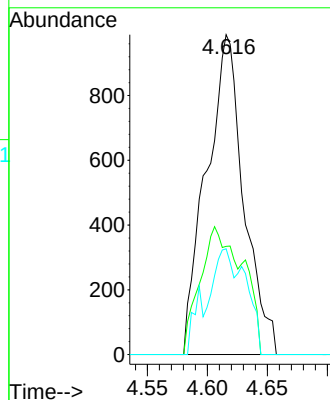
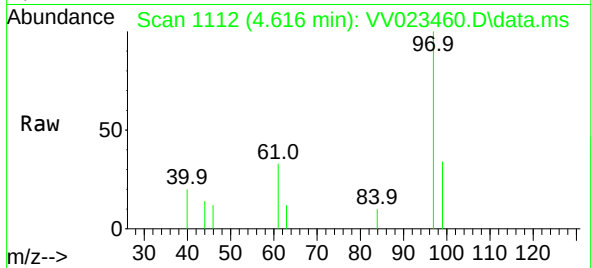
Tgt Ion: 97	Resp: 213
Ion Ratio	Lower Upper
97 100	
99 35.1	51.0 76.4
61 10.9	34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

Trichloroethene

Concen: 5.774 ug/L

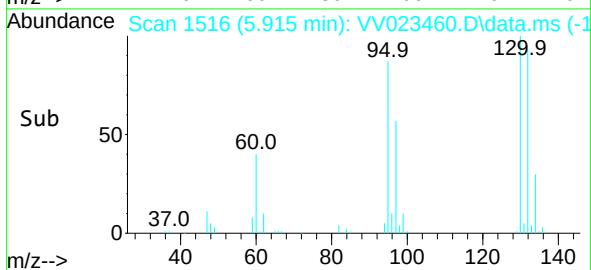
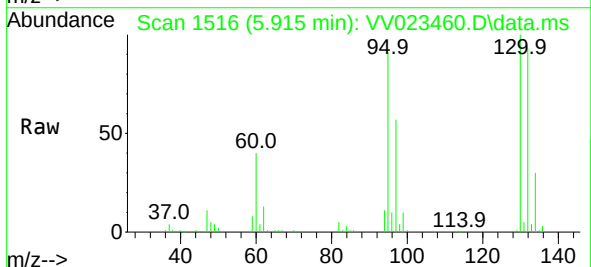
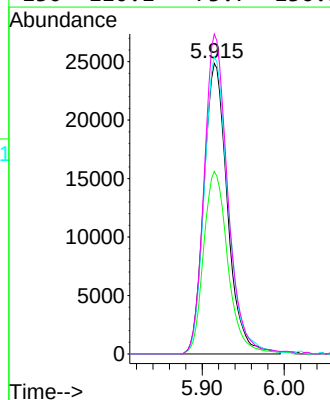
RT: 5.915 min Scan# 1516

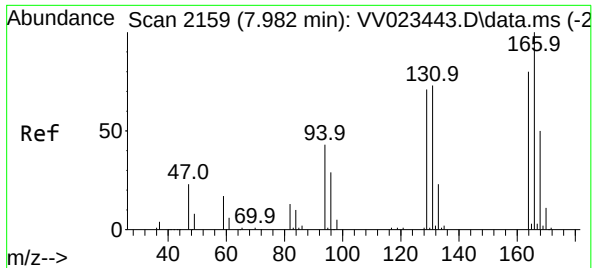
Delta R.T. -0.019 min

Lab File: VV023460.D

Acq: 12 Nov 2021 22:49

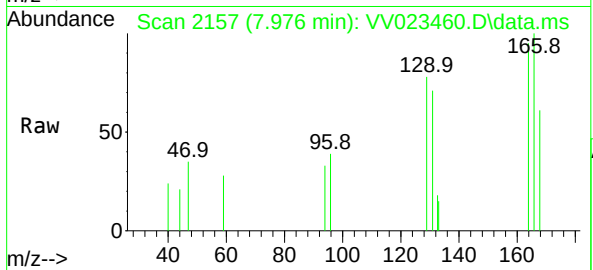
Tgt Ion: 95	Resp: 49645
Ion Ratio	Lower Upper
95 100	
97 62.8	45.0 83.6
132 102.3	69.7 129.4
130 110.1	73.7 136.9





#47
Tetrachloroethene
Concen: 0.123 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.007 min
Lab File: VV023460.D
Acq: 12 Nov 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :
BG1X7



Tgt Ion:164 Resp: 917

Ion	Ratio	Lower	Upper
164	100		
129	82.3	64.0	119.0
131	74.7	63.4	117.8
166	105.4	89.3	165.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

