

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024115.D
 Acq On : 20 Dec 2021 02:12
 Operator : SY/MD
 Sample : M5148-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBS4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 04:20:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	89467	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	95388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46876	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17776	3.696	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.568	69	17039	4.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.108	63	30652	3.265	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.200%	
20) 2-Butanone-d5	3.928	46	33765m	35.933	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.860%	
24) Chloroform-d	4.349	84	47379	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.034	65	23522	4.637	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.050	84	85067	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
36) 1,2-Dichloropropane-d6	6.069	67	26219	4.600	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.317	98	77078	4.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.625	79	9003	3.807	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.092	63	34108	32.221	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	64.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18199	3.849	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30161	4.817	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	3059	0.510	ug/L	# 1
13) Acetone	2.217	43	14887m	19.803	ug/L	
18) trans-1,2-Dichloroethene	2.764	96	440	0.066	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	21194	3.013	ug/L	93
30) Cyclohexane	4.680	56	5193	0.525	ug/L	96
34) Trichloroethene	5.912	95	810201	106.445	ug/L	98
47) Tetrachloroethene	7.976	164	850	0.127	ug/L	82

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

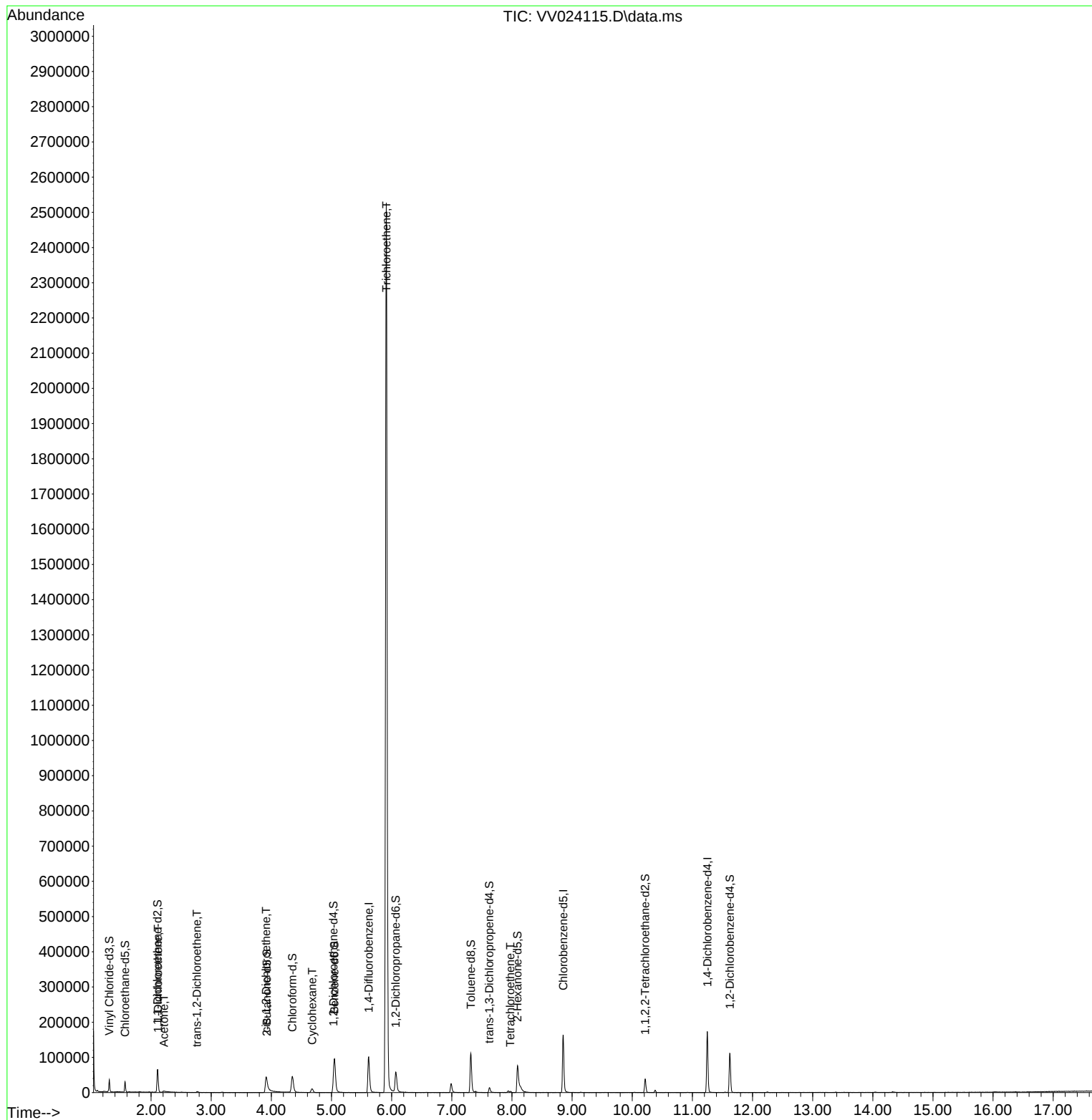
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024115.D
Acq On : 20 Dec 2021 02:12
Operator : SY/MD
Sample : M5148-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

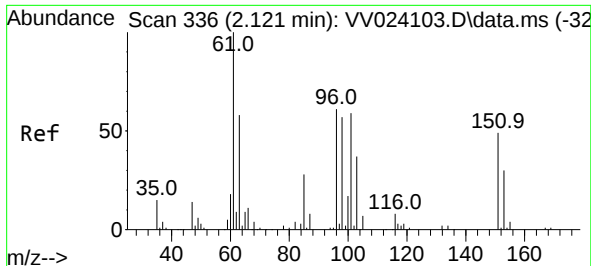
Instrument :
MSVOA_V
ClientSampleId :
GBBS4

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/20/2021
Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 04:20:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.510 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024115.D

Acq: 20 Dec 2021 02:12

Instrument :

MSVOA_V

ClientSampleId :

GBBS4

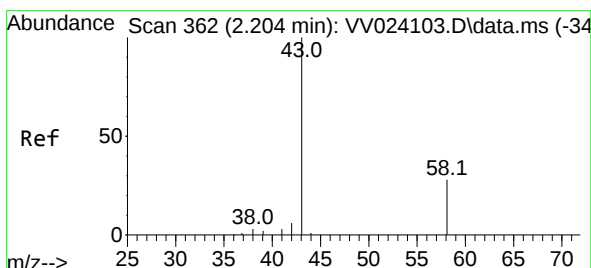
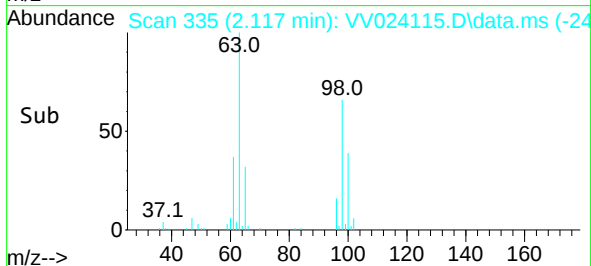
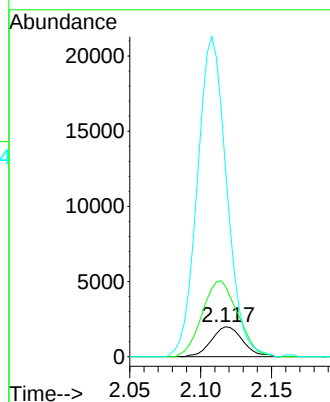
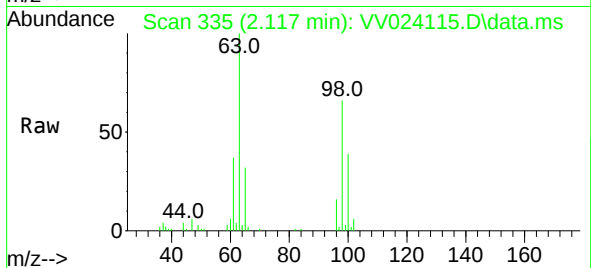
Tgt Ion: 96 Resp: 3059
 Ion Ratio Lower Upper
 96 100
 61 235.5 116.1 215.5
 63 630.5 79.4 147.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/22/2021



#13

Acetone

Concen: 19.803 ug/L m

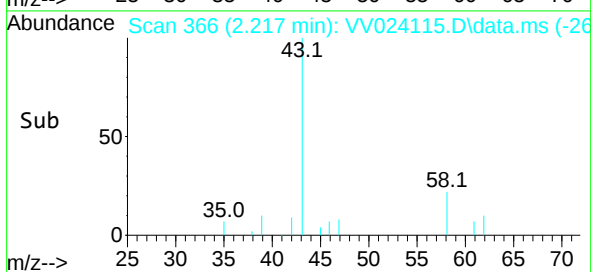
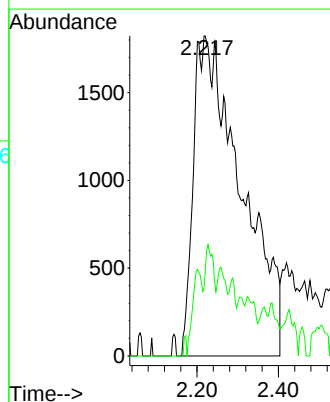
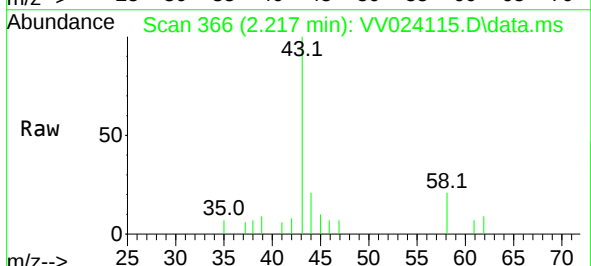
RT: 2.217 min Scan# 366

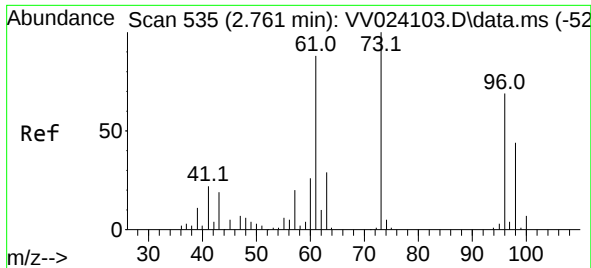
Delta R.T. 0.013 min

Lab File: VV024115.D

Acq: 20 Dec 2021 02:12

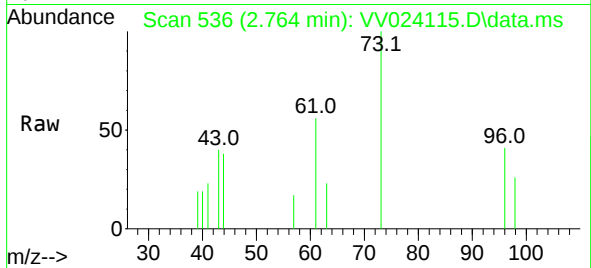
Tgt Ion: 43 Resp: 14887
 Ion Ratio Lower Upper
 43 100
 58 5.4 0.0 41.4





#18
trans-1,2-Dichloroethene
Concen: 0.066 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV024115.D
Acq: 20 Dec 2021 02:12

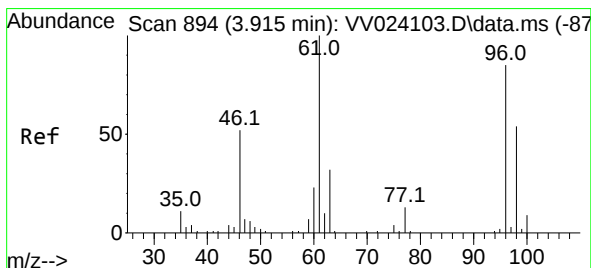
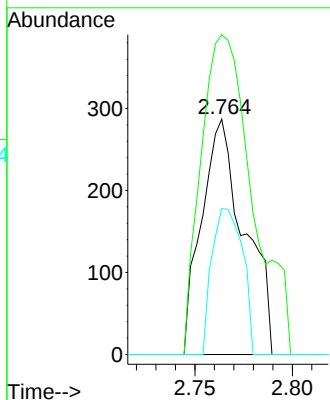
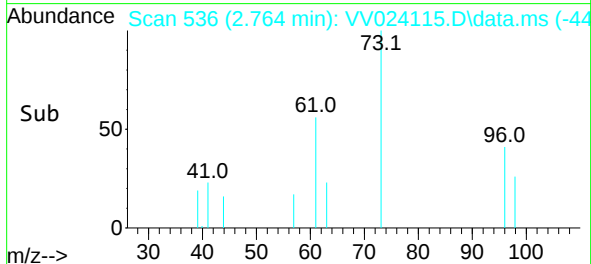
Instrument :
MSVOA_V
ClientSampleId :
GBBS4



Tgt Ion: 96 Resp: 440
Ion Ratio Lower Upper
96 100
61 135.9 88.2 163.8
98 62.0 44.9 83.5

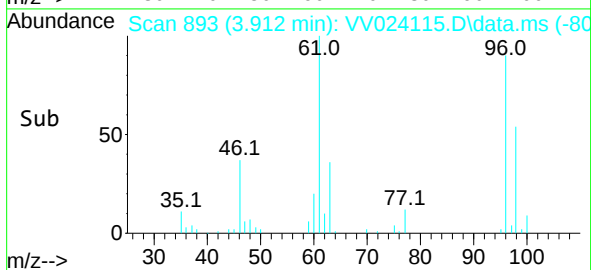
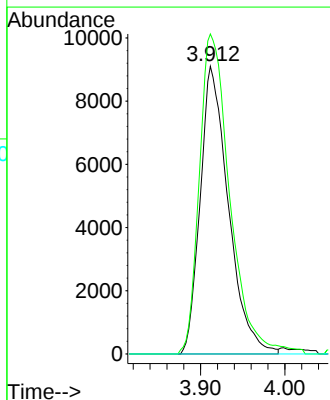
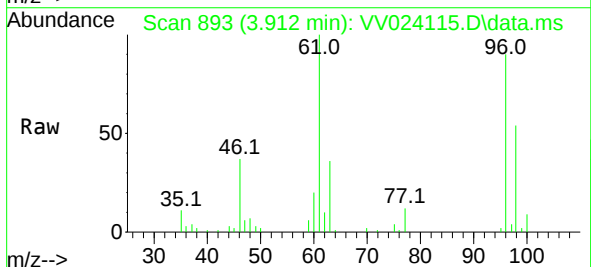
Manual Integrations
APPROVED

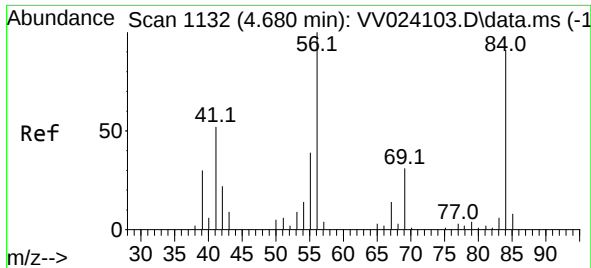
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/22/2021



#22
cis-1,2-Dichloroethene
Concen: 3.013 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV024115.D
Acq: 20 Dec 2021 02:12

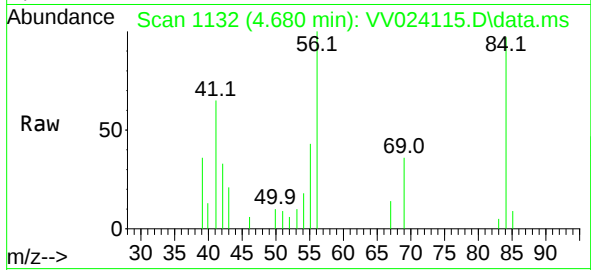
Tgt Ion: 96 Resp: 21194
Ion Ratio Lower Upper
96 100
61 111.2 83.4 154.8
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 0.525 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV024115.D
Acq: 20 Dec 2021 02:12

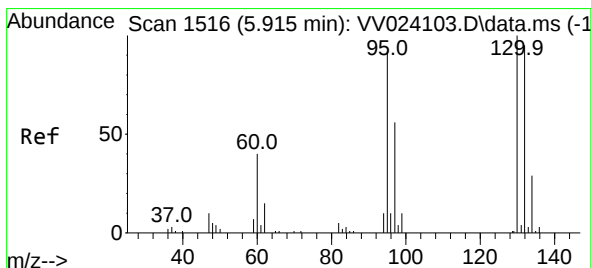
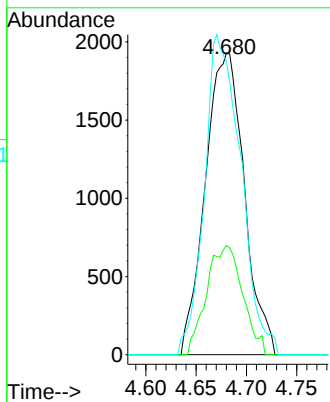
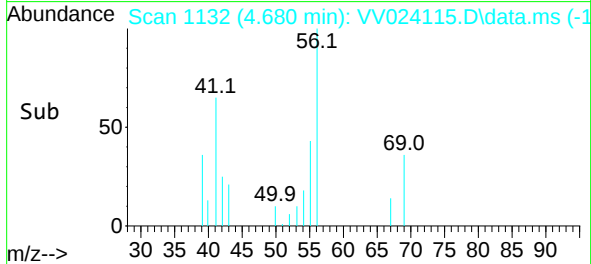
Instrument :
MSVOA_V
ClientSampleId :
GBBS4



Tgt Ion: 56 Resp: 519
Ion Ratio Lower Upper
56 100
69 33.5 24.8 37.2
84 99.1 75.9 113.9

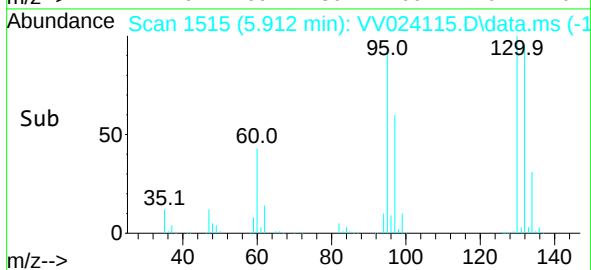
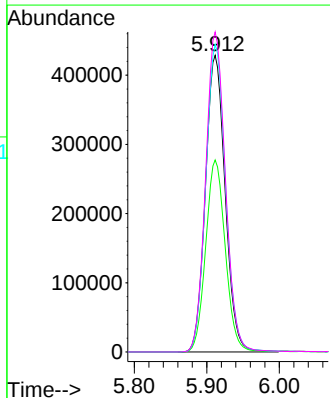
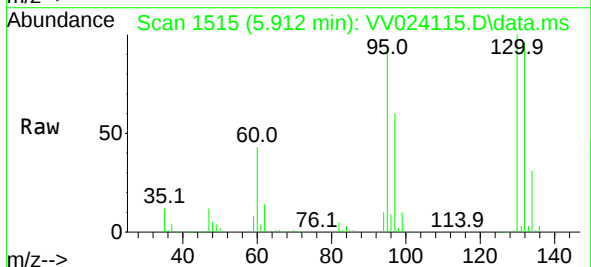
Manual Integrations
APPROVED

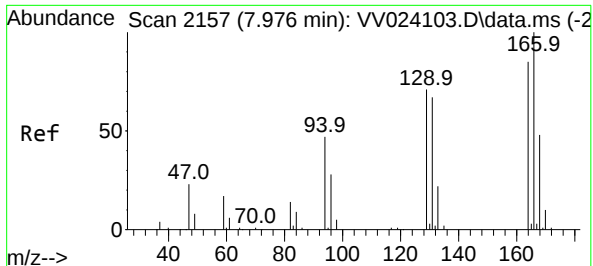
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/22/2021



#34
Trichloroethene
Concen: 106.445 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV024115.D
Acq: 20 Dec 2021 02:12

Tgt Ion: 95 Resp: 810201
Ion Ratio Lower Upper
95 100
97 64.7 45.2 84.0
132 103.7 76.1 141.3
130 107.9 75.4 140.0





#47

Tetrachloroethene

Concen: 0.127 ug/L

RT: 7.976 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024115.D

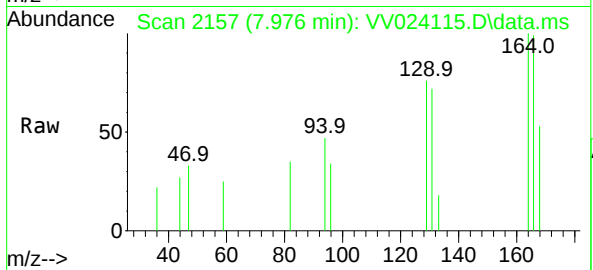
Acq: 20 Dec 2021 02:12

Instrument :

MSVOA_V

ClientSampleId :

GBBS4



Tgt Ion:164 Resp: 850

Ion Ratio Lower Upper

164 100

129 75.9 62.6 116.2

131 72.3 61.0 113.4

166 98.7 87.3 162.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/22/2021

