

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030554.D
 Acq On : 13 Apr 2023 18:49
 Operator : SY/MD
 Sample : 02254-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2023
 Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:23:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127921	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48330	5.704	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.000%	
7) Chloroethane-d5	1.535	69	37664	4.581	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.072	63	750205	37.316	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	746.400%#	
20) 2-Butanone-d5	3.815	46	92823	42.388	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.780%	
24) Chloroform-d	4.262	84	83090	4.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.953	65	44115	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	4.973	84	154739	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.001	67	46735	4.332	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.252	98	124073	3.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	7.564	79	16930	4.168	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.034	63	64495	39.515	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.020%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34619	4.072	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	46755	4.595	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	5642	0.377	ug/L #	71
12) 1,1-Dichloroethene	2.072	96	1144966	107.122	ug/L #	74
13) Acetone	2.137	43	7159	3.419	ug/L	71
19) 1,1-Dichloroethane	3.121	63	806021	36.924	ug/L	99
25) Chloroform	4.294	83	10475	0.475	ug/L	98
27) 1,2-Dichloroethane	5.066	62	3415	0.256	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	32127160m	1634.593	ug/L	
34) Trichloroethene	5.844	95	35084	2.995	ug/L	99
47) Tetrachloroethene	7.918	164	2993	0.290	ug/L	93

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

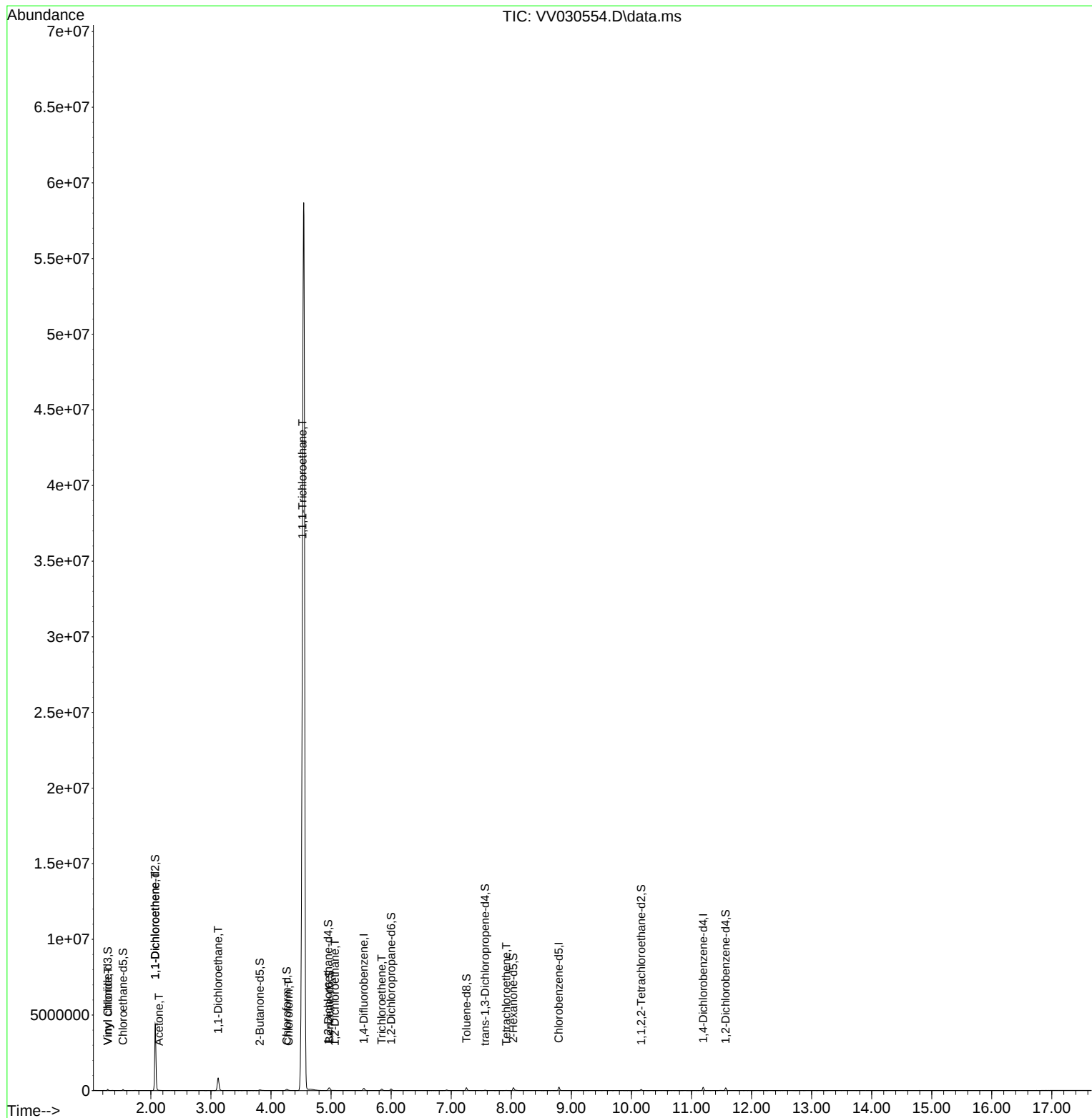
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
Data File : VV030554.D
Acq On : 13 Apr 2023 18:49
Operator : SY/MD
Sample : 02254-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

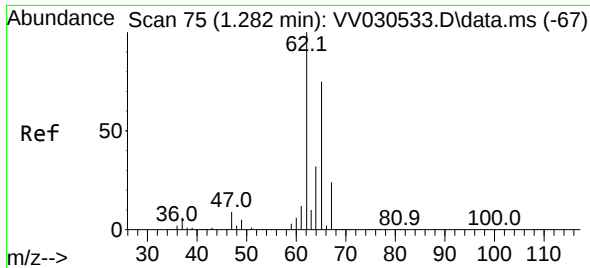
Instrument :
MSVOA_V
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/14/2023
Supervised By : Mahesh Dadoda 04/14/2023

Quant Time: Apr 14 05:23:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration





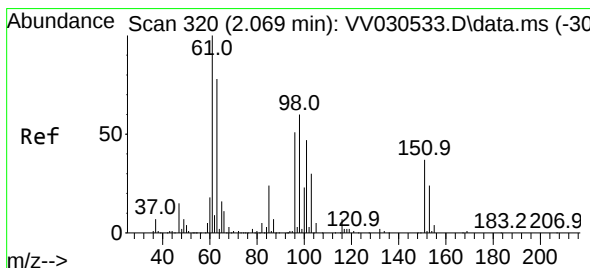
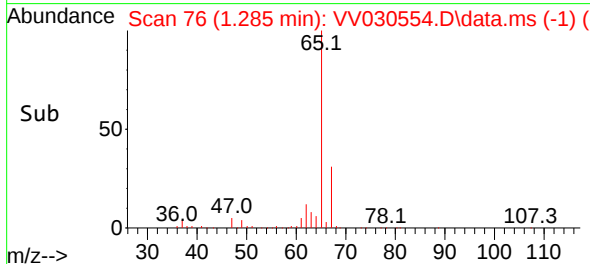
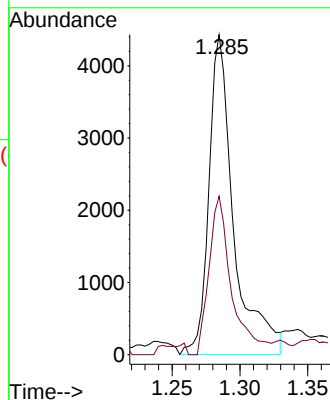
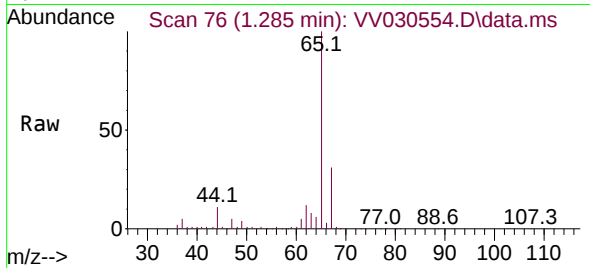
#5
 Vinyl chloride
 Concen: 0.377 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VV030554.D
 Acq: 13 Apr 2023 18:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Tgt Ion: 62 Resp: 564
 Ion Ratio Lower Upper
 62 100
 64 49.5 23.2 43.2

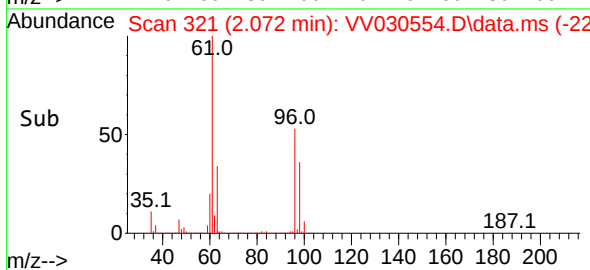
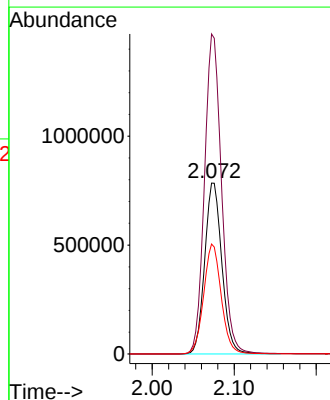
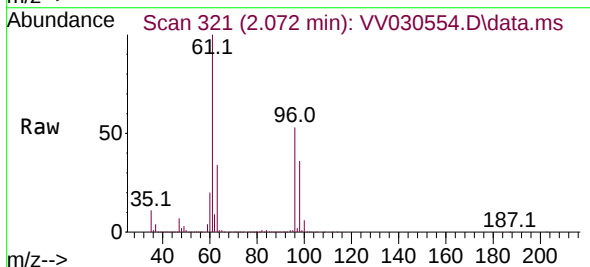
Manual Integrations
 APPROVED

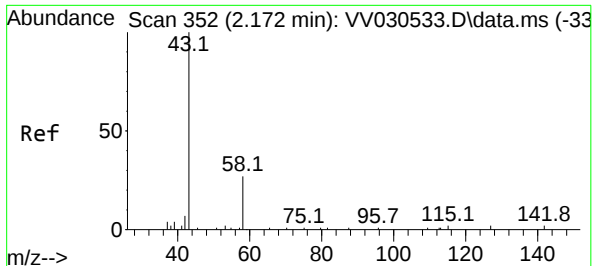
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#12
 1,1-Dichloroethene
 Concen: 107.122 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV030554.D
 Acq: 13 Apr 2023 18:49

Tgt Ion: 96 Resp: 1144966
 Ion Ratio Lower Upper
 96 100
 61 187.3 136.3 253.1
 63 64.3 92.1 171.1#





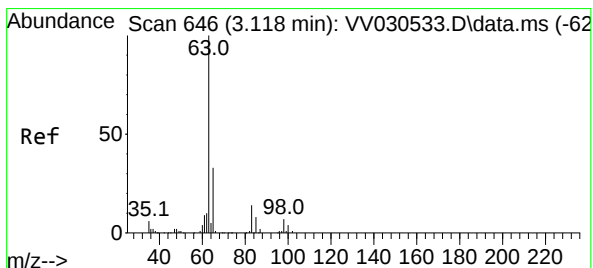
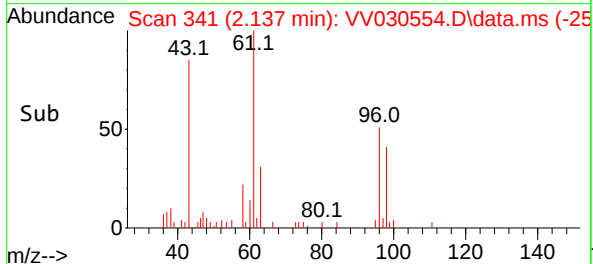
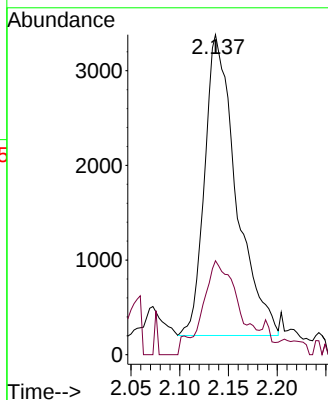
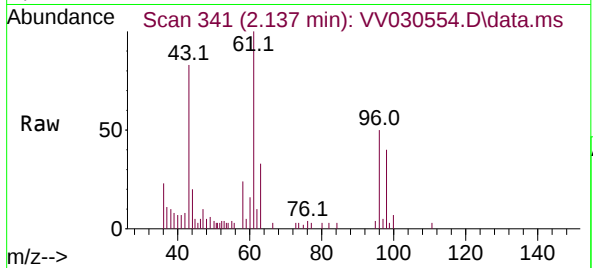
#13
Acetone
Concen: 3.419 ug/L
RT: 2.137 min Scan# 341
Delta R.T. -0.036 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

Instrument :
MSVOA_V
ClientSampleId :
C0AB6

Tgt Ion: 43 Resp: 7159
Ion Ratio Lower Upper
43 100
58 33.7 0.0 40.8

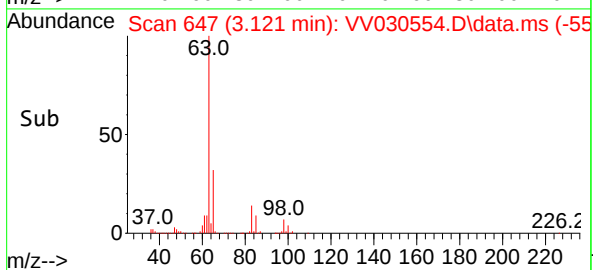
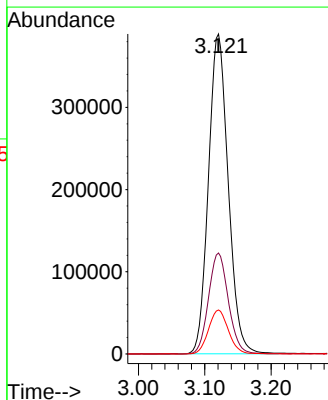
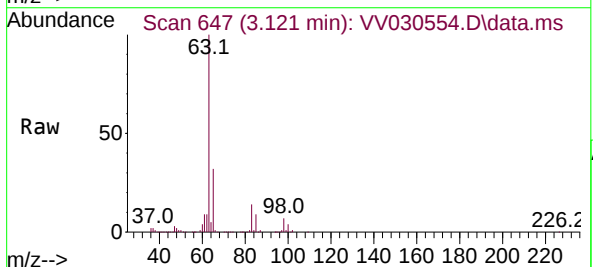
Manual Integrations
APPROVED

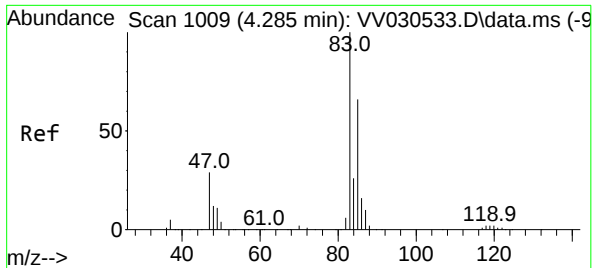
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#19
1,1-Dichloroethane
Concen: 36.924 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030554.D
Acq: 13 Apr 2023 18:49

Tgt Ion: 63 Resp: 806021
Ion Ratio Lower Upper
63 100
65 31.6 21.7 40.3
83 13.8 9.1 16.9





#25

Chloroform

Concen: 0.475 ug/L

RT: 4.294 min Scan# 1012

Delta R.T. 0.009 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

Tgt Ion: 83 Resp: 1047

Ion Ratio Lower Upper

83 100

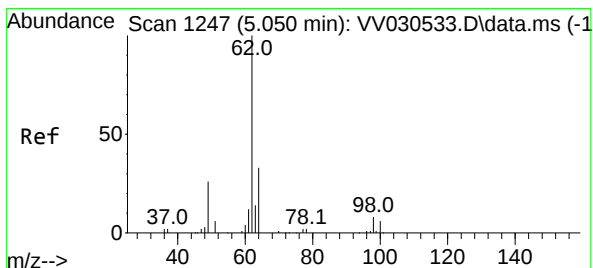
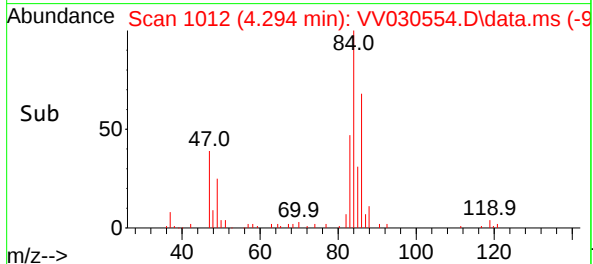
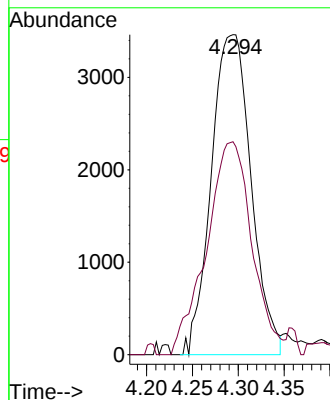
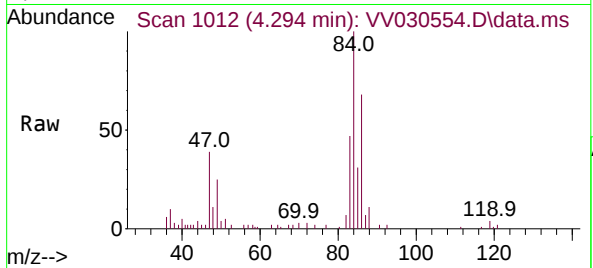
85 66.6 47.6 88.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#27

1,2-Dichloroethane

Concen: 0.256 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.016 min

Lab File: VV030554.D

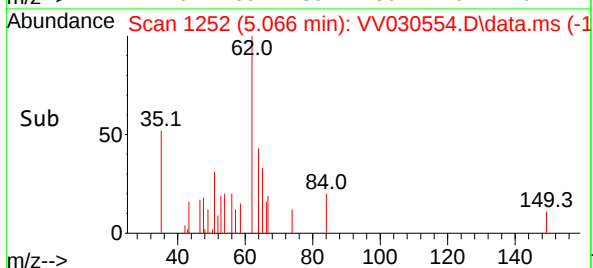
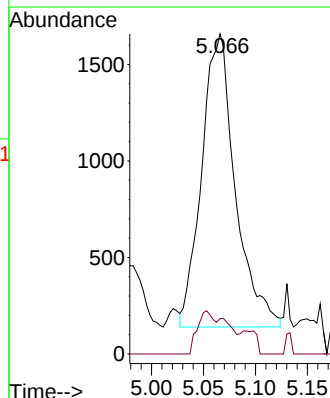
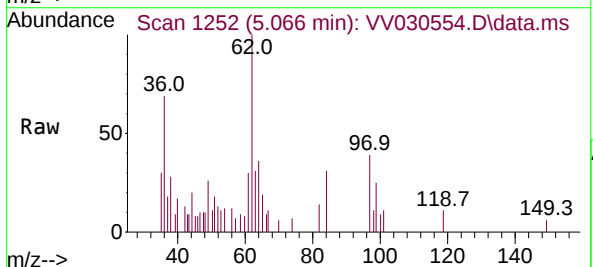
Acq: 13 Apr 2023 18:49

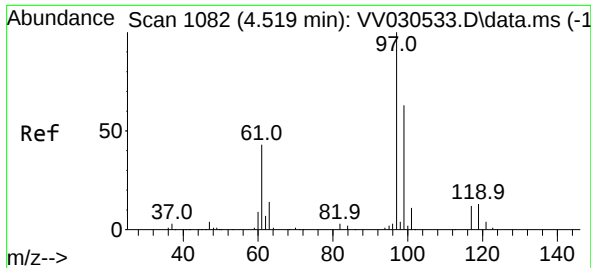
Tgt Ion: 62 Resp: 3415

Ion Ratio Lower Upper

62 100

98 11.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 1634.593 ug/L m

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

Tgt Ion: 97 Resp: 32127160

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3

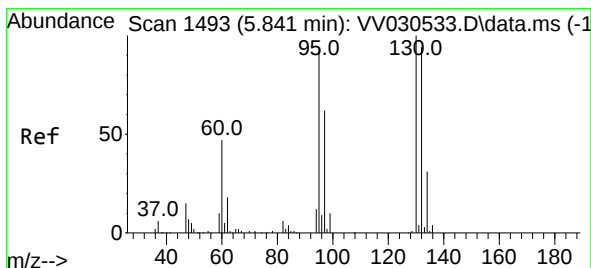
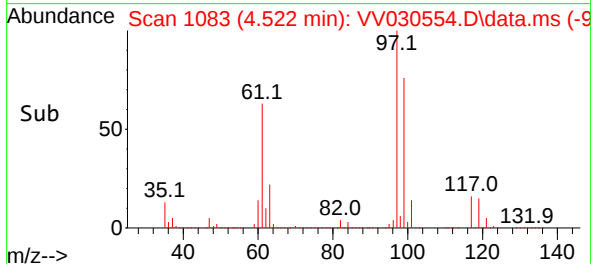
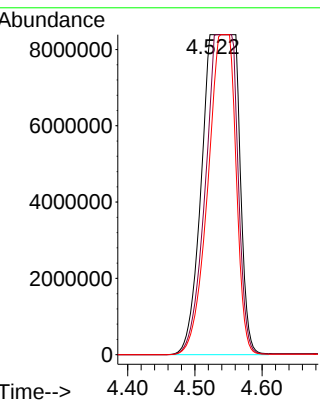
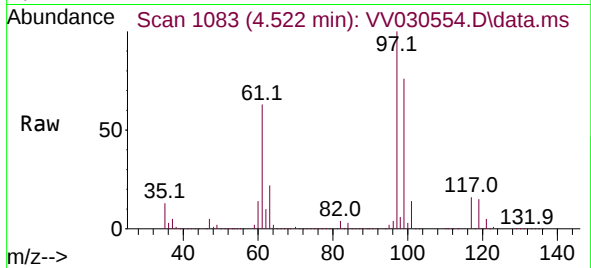
61 0.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#34

Trichloroethene

Concen: 2.995 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030554.D

Acq: 13 Apr 2023 18:49

Tgt Ion: 95 Resp: 35084

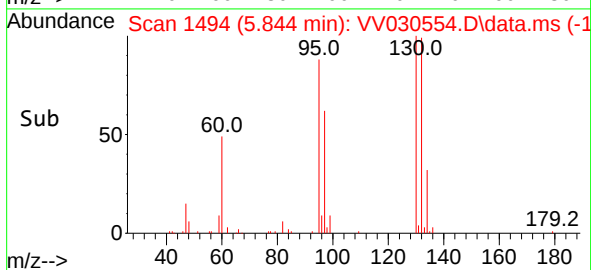
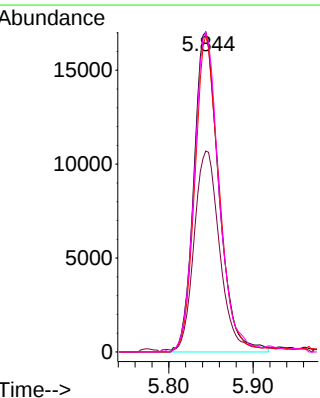
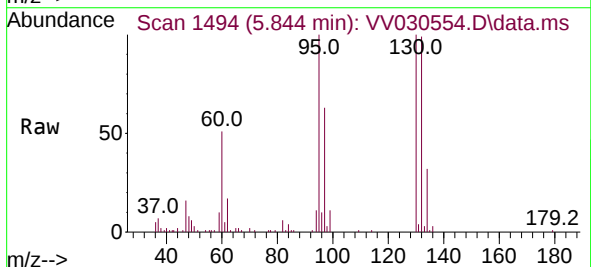
Ion Ratio Lower Upper

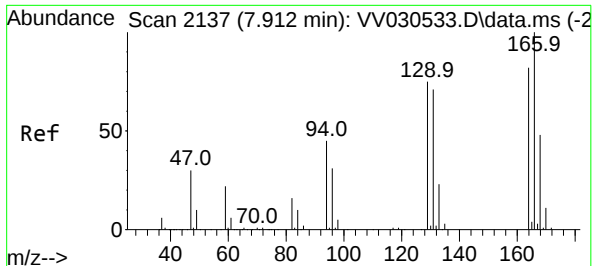
95 100

97 62.8 44.2 82.2

132 99.1 69.5 129.1

130 100.0 72.2 134.0





#47

Tetrachloroethene

Concen: 0.290 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VV030554.D

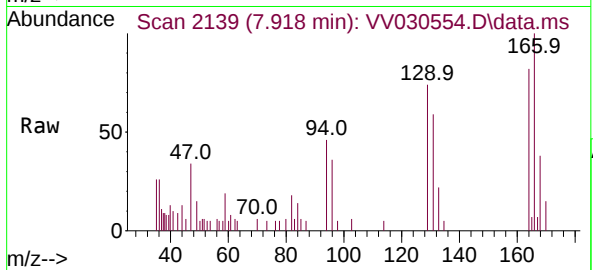
Acq: 13 Apr 2023 18:49

Instrument :

MSVOA_V

ClientSampleId :

C0AB6



Tgt Ion:164 Resp: 299

Ion Ratio Lower Upper

164 100

129 90.4 60.8 112.8

131 71.9 61.7 114.7

166 121.3 85.6 159.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023

