

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025523.D
 Acq On : 14 Apr 2022 04:05
 Operator : SY/MD
 Sample : N2356-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 05:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130875	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	63472	5.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.400%	
7) Chloroethane-d5	1.571	69	56985	4.402	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.114	63	97105	3.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.600%	
20) 2-Butanone-d5	3.896	46	79000	53.376	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	4.352	84	89113	4.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.037	65	42363	5.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.053	84	185017	5.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.072	67	50558	4.950	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.317	98	148948	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.625	79	13664	3.980	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.088	63	56122	46.579	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30946	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	48285	4.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
5) Vinyl chloride	1.314	62	4915	0.339	ug/L #	74
12) 1,1-Dichloroethene	2.124	96	7398	0.652	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	33929	3.567	ug/L	97
19) 1,1-Dichloroethane	3.201	63	9073	0.563	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	2254125	225.099	ug/L	93
25) Chloroform	4.381	83	7645	0.450	ug/L	87
29) 1,1,1-Trichloroethane	4.613	97	105058	7.037	ug/L	99
31) Carbon tetrachloride	4.831	117	4676	0.370	ug/L	99
34) Trichloroethene	5.915	95	19378265m	1951.912	ug/L	
47) Tetrachloroethene	7.976	164	238329	30.664	ug/L	98

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

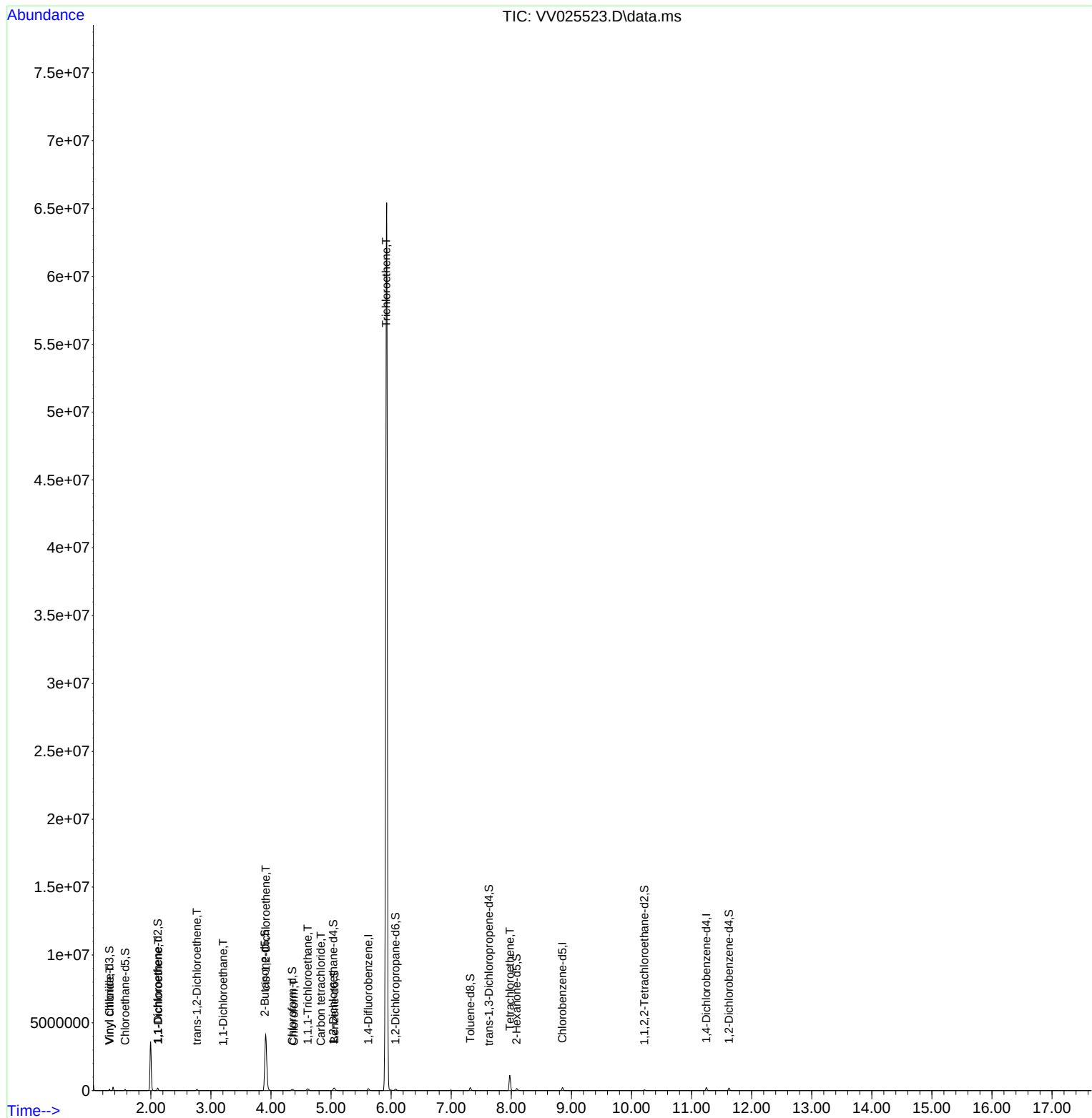
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
Data File : VV025523.D
Acq On : 14 Apr 2022 04:05
Operator : SY/MD
Sample : N2356-20
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

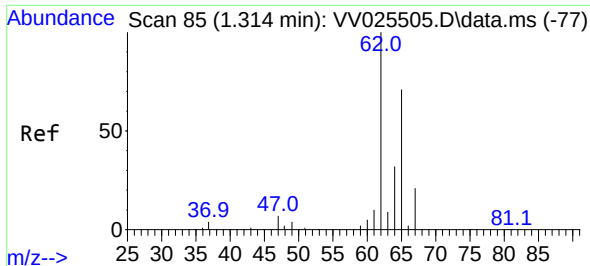
Instrument :
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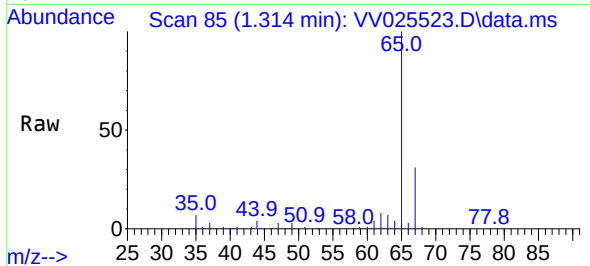
Quant Time: Apr 14 05:25:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 14 05:22:13 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.339 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025523.D
 Acq: 14 Apr 2022 04:05

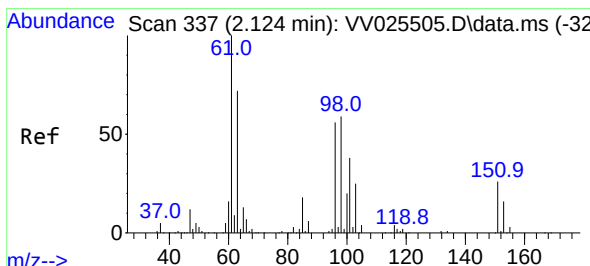
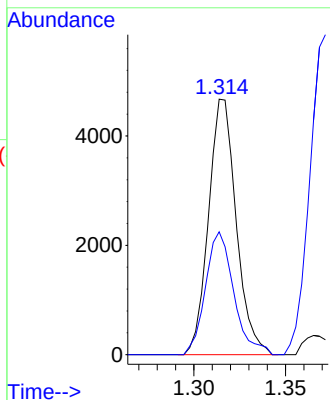
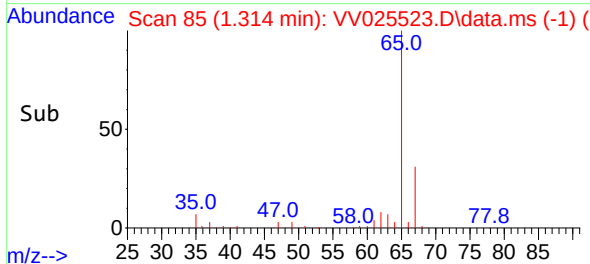
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT8



Tgt Ion: 62 Resp: 4915
 Ion Ratio Lower Upper
 62 100
 64 48.1 23.2 43.2

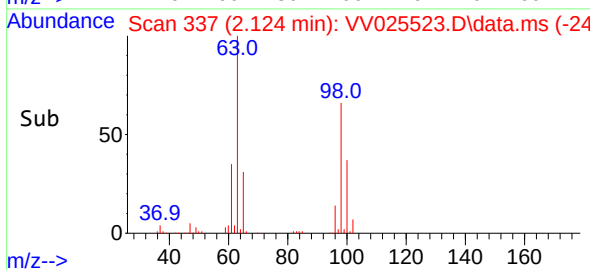
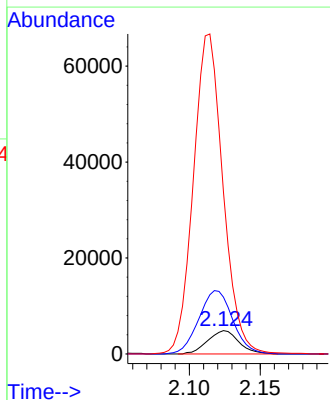
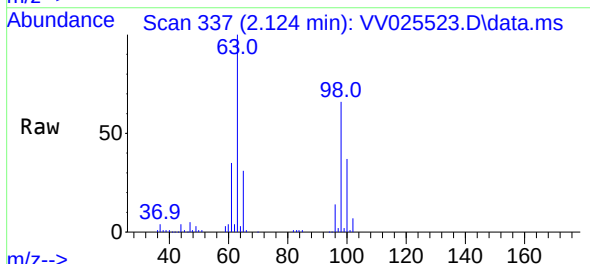
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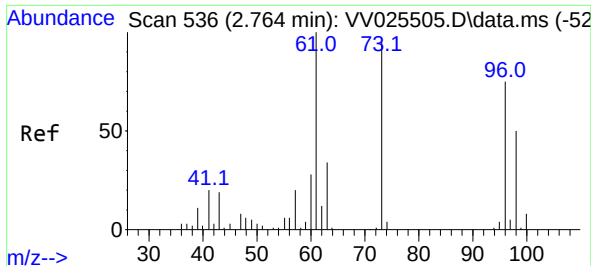
Reviewed By :John Carlone 04/14/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#12
 1,1-Dichloroethene
 Concen: 0.652 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: VV025523.D
 Acq: 14 Apr 2022 04:05

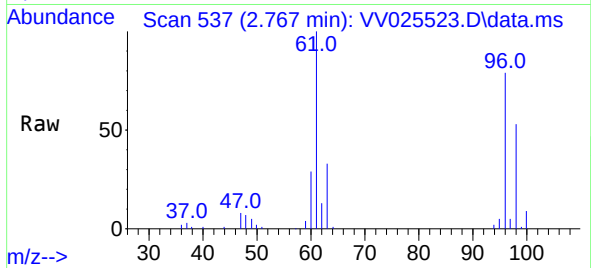
Tgt Ion: 96 Resp: 7398
 Ion Ratio Lower Upper
 96 100
 61 244.1 125.2 232.4#
 63 694.1 114.4 212.4#





#18
trans-1,2-Dichloroethene
Concen: 3.567 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

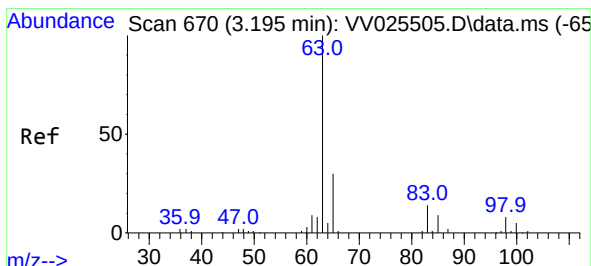
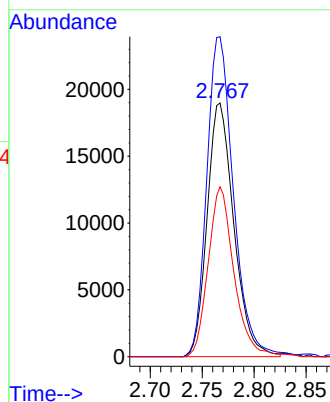
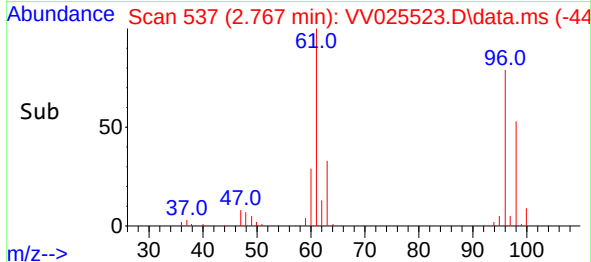
Instrument :
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ClientSampleId :
GBDT8



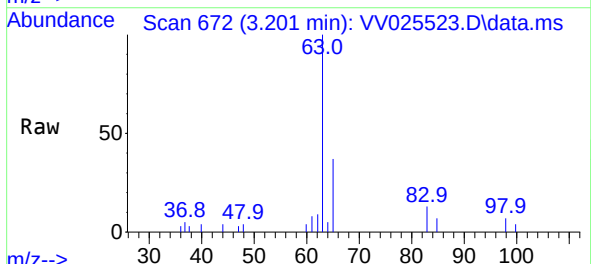
Tgt Ion: 96 Resp: 33929
Ion Ratio Lower Upper
96 100
61 126.1 92.1 171.1
98 67.0 47.5 88.1

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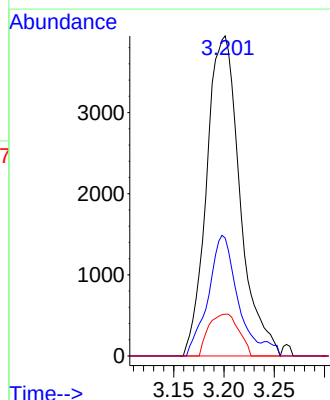
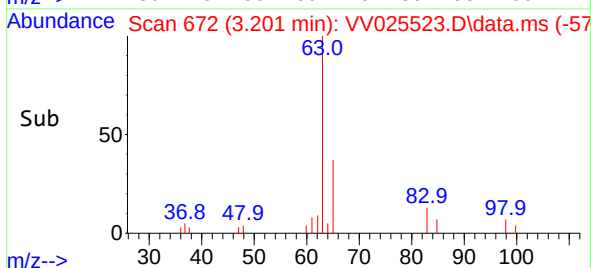
Reviewed By :John Carlone 04/14/2022
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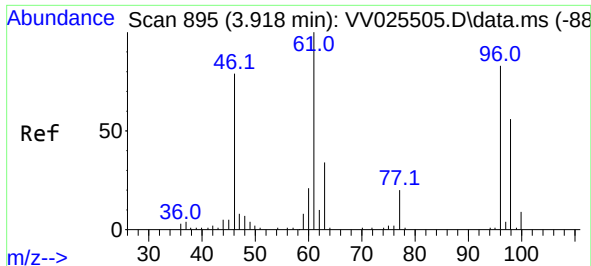


#19
1,1-Dichloroethane
Concen: 0.563 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.006 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05



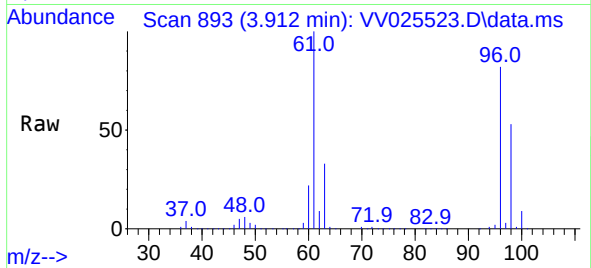
Tgt Ion: 63 Resp: 9073
Ion Ratio Lower Upper
63 100
65 36.9 23.2 43.0
83 13.1 9.0 16.8





#22
cis-1,2-Dichloroethene
Concen: 225.099 ug/L
RT: 3.912 min Scan# 895
Delta R.T. -0.006 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05

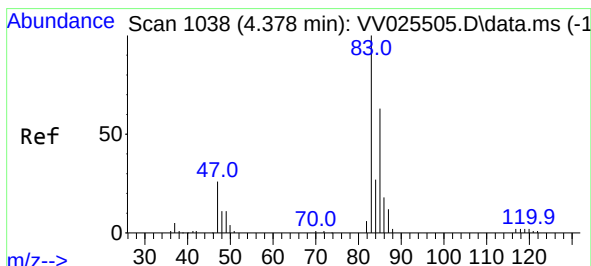
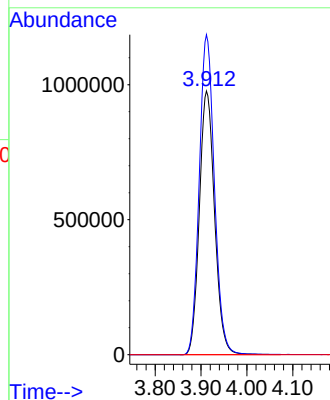
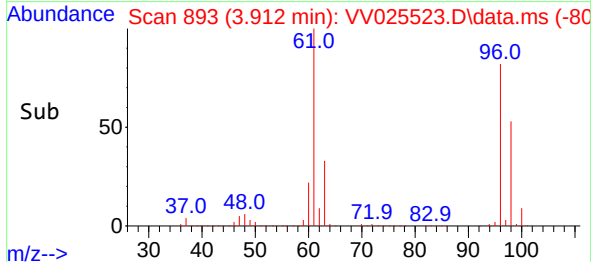
Instrument :
MSVOA_V
ClientSampleId :
GBDT8



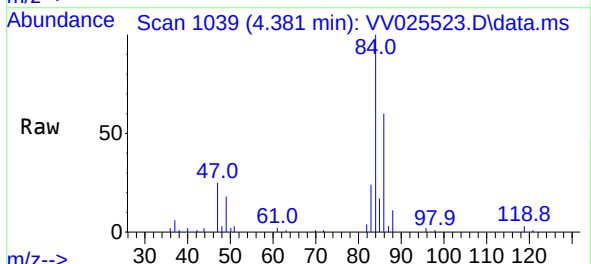
Tgt Ion: 96 Resp: 225412
Ion Ratio Lower Upper
96 100
61 121.3 80.0 148.6
68 0.0 0.0 0.0

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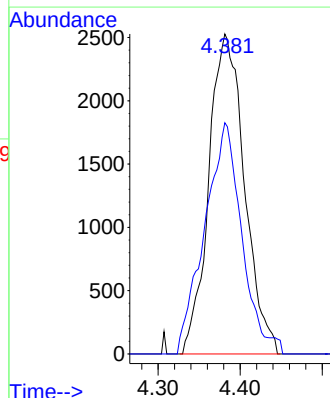
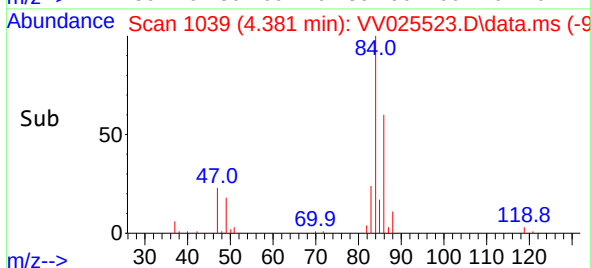
Reviewed By :John Carlone 04/14/2022
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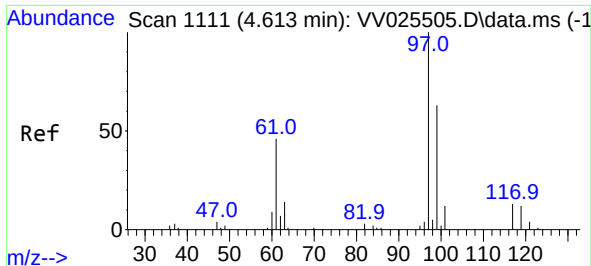


#25
Chloroform
Concen: 0.450 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV025523.D
Acq: 14 Apr 2022 04:05



Tgt Ion: 83 Resp: 7645
Ion Ratio Lower Upper
83 100
85 72.2 43.5 80.7





#29

1,1,1-Trichloroethane

Concen: 7.037 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Instrument :

MSVOA_V

ClientSampleId :

GBDT8

Tgt Ion: 97 Resp: 10505

Ion Ratio Lower Upper

97 100

99 64.6 51.5 77.3

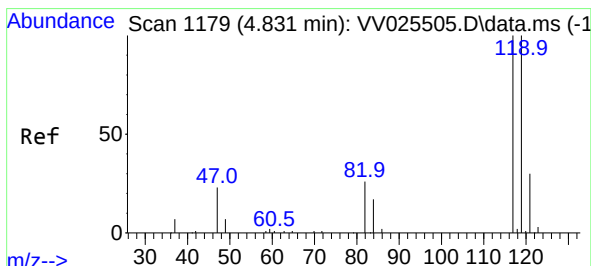
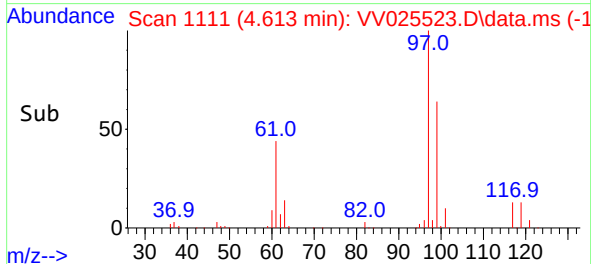
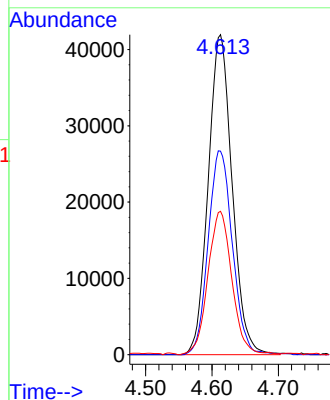
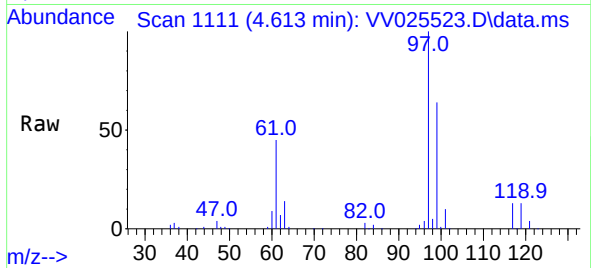
61 44.7 34.3 51.5

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#31

Carbon tetrachloride

Concen: 0.370 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VV025523.D

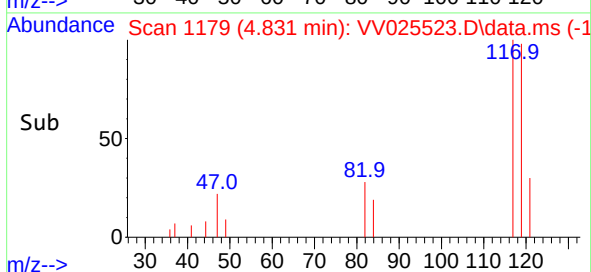
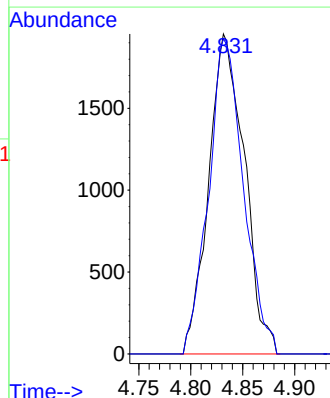
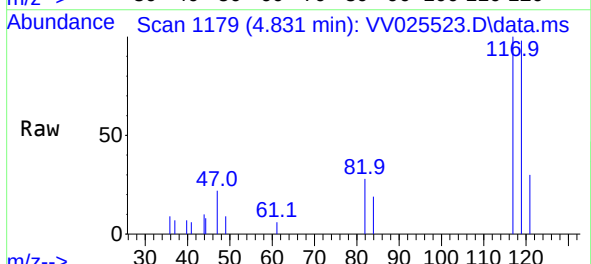
Acq: 14 Apr 2022 04:05

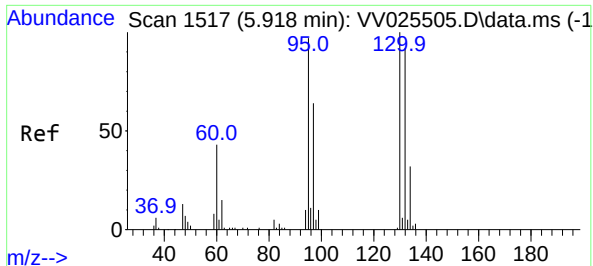
Tgt Ion:117 Resp: 4676

Ion Ratio Lower Upper

117 100

119 96.5 76.6 114.8





#34

Trichloroethene

Concen: 1951.912 ug/L m

RT: 5.915 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

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Tgt Ion: 95 Resp:1937826

Ion Ratio Lower Upper

95 100

97 79.8 45.8 85.2

132 98.4 68.0 126.4

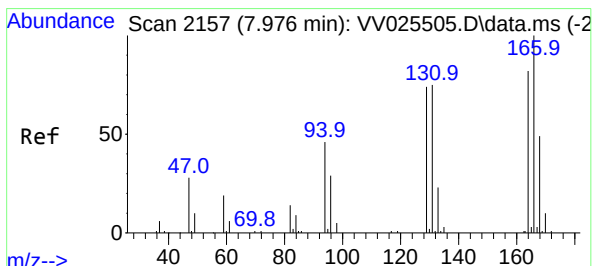
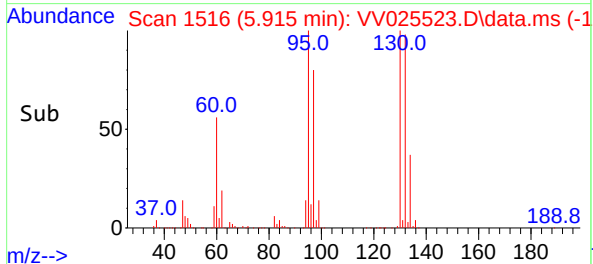
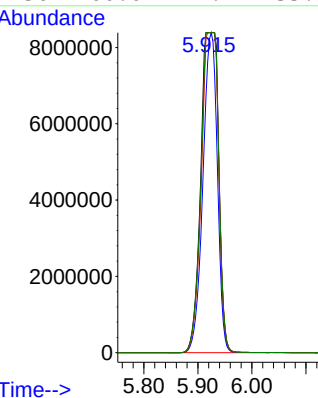
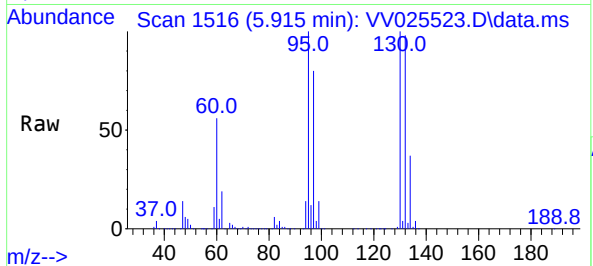
130 100.0 71.9 133.5

Manual Integrations

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#47

Tetrachloroethene

Concen: 30.664 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025523.D

Acq: 14 Apr 2022 04:05

Tgt Ion:164 Resp: 238329

Ion Ratio Lower Upper

164 100

129 96.1 66.8 124.2

131 92.4 66.4 123.4

166 126.6 91.7 170.3

