

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026680.D
 Acq On : 07 Jul 2022 16:29
 Operator : SY/MD
 Sample : N3601-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 08 03:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.632	114	185629	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.857	117	174759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	59177	3.964	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.584	69	51429	4.288	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.127	63	130562	4.922	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	3.921	46	104169	70.186	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	140.380%#	
24) Chloroform-d	4.368	84	107358	4.399	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.050	65	43820	4.662	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.066	84	206106	4.106	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.092	67	63226	4.580	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.323	98	161384	3.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.600%	
43) trans-1,3-Dichloroprop...	7.635	79	14560	4.081	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.095	63	77763	57.220	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40975	4.538	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56994	4.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
5) Vinyl chloride	1.327	62	184999	11.240	ug/L	96
12) 1,1-Dichloroethene	2.134	96	94185	7.512	ug/L	87
18) trans-1,2-Dichloroethene	2.777	96	2607653	203.861	ug/L	97
19) 1,1-Dichloroethane	3.214	63	8455	0.368	ug/L	97
22) cis-1,2-Dichloroethene	3.931	96	19411202	1528.219	ug/L	91
33) Benzene	5.117	78	68140	1.335	ug/L	100
34) Trichloroethene	5.924	95	39661105m	2956.568	ug/L	
42) Toluene	7.400	91	13773	0.261	ug/L	94
47) Tetrachloroethene	7.995	164	17267667	1616.786	ug/L	87
51) Chlorobenzene	8.886	112	21005	0.609	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	15730	0.707	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	41653	2.185	ug/L	99
70) 1,2,4-trichlorobenzene	13.278	180	1084	0.095	ug/L #	89

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

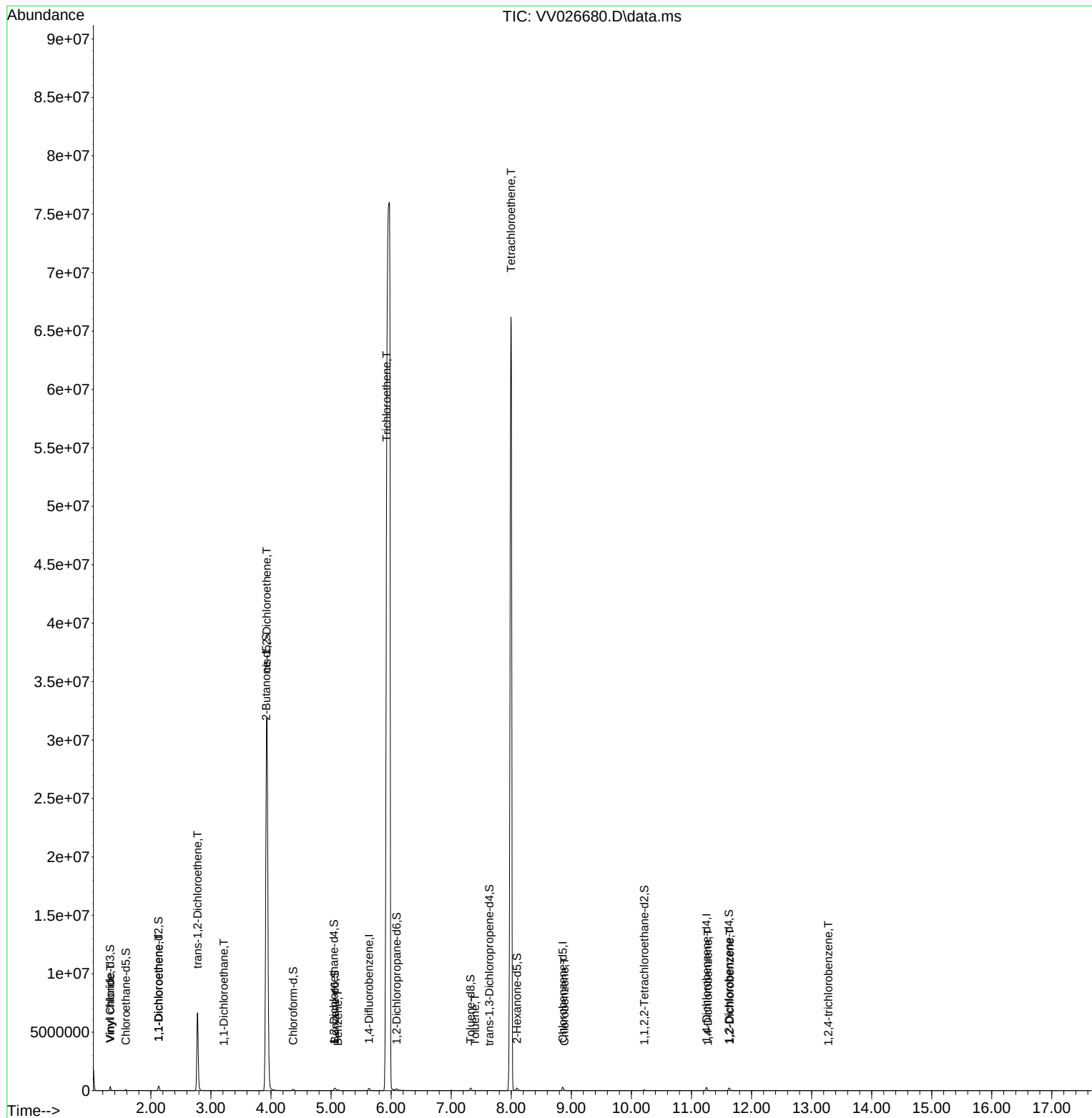
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070722\
Data File : VV026680.D
Acq On : 07 Jul 2022 16:29
Operator : SY/MD
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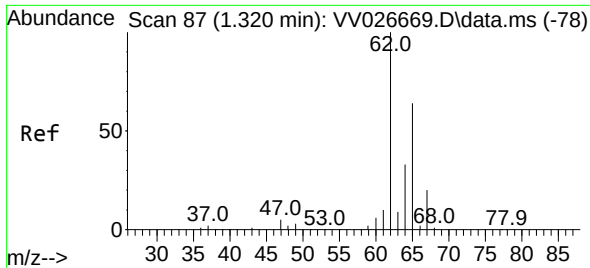
Instrument :
MSVOA_V
ClientSampleId :
DBUB1

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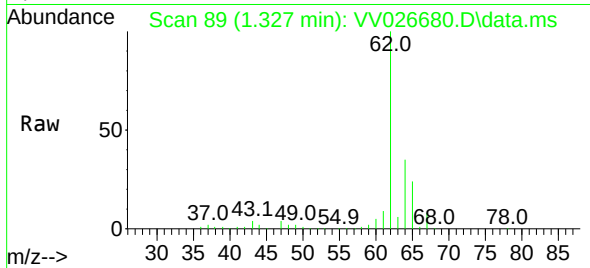
Quant Time: Jul 08 03:02:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 02:58:15 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 11.240 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV026680.D
 Acq: 07 Jul 2022 16:29

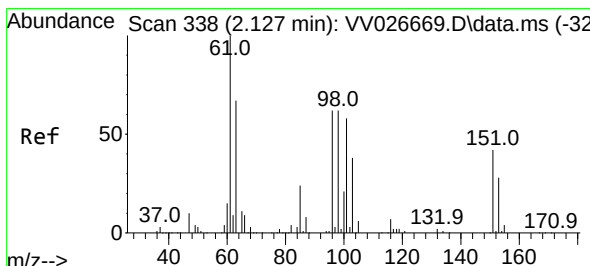
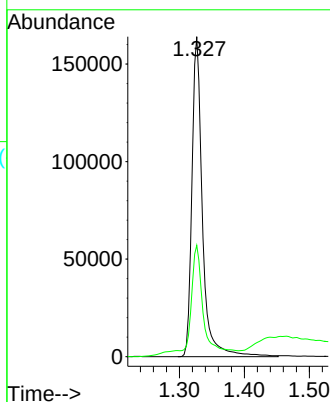
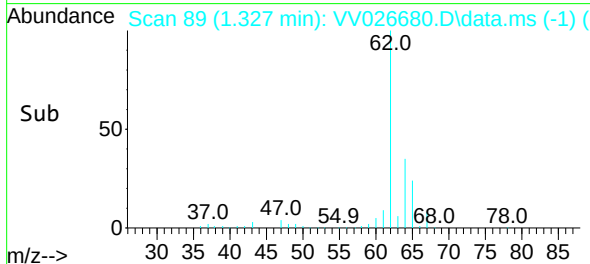
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB1



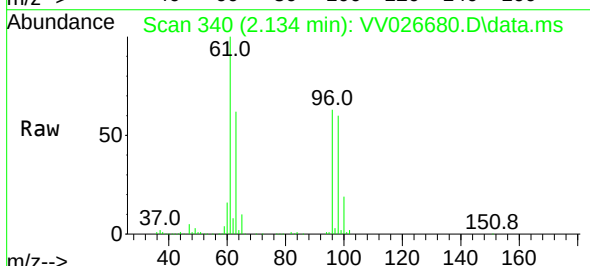
Tgt Ion: 62 Resp: 18499
 Ion Ratio Lower Upper
 62 100
 64 34.8 26.2 48.6

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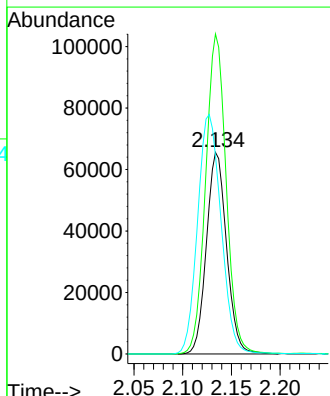
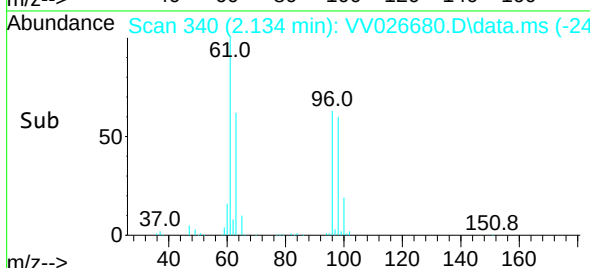
Reviewed By :John Carlone 07/08/2022
 Supervised By :Mahesh Dadoda 07/11/2022

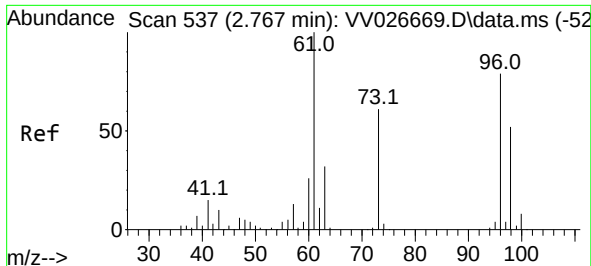


#12
 1,1-Dichloroethene
 Concen: 7.512 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VV026680.D
 Acq: 07 Jul 2022 16:29



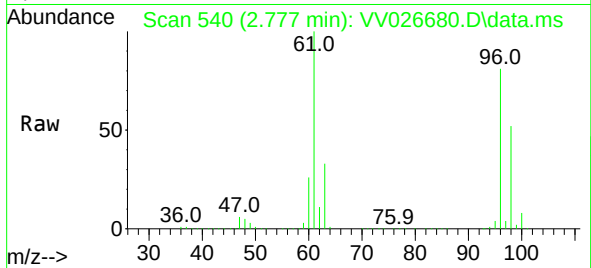
Tgt Ion: 96 Resp: 94185
 Ion Ratio Lower Upper
 96 100
 61 158.7 115.4 214.4
 63 98.3 87.4 162.2





#18
trans-1,2-Dichloroethene
Concen: 203.861 ug/L
RT: 2.777 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

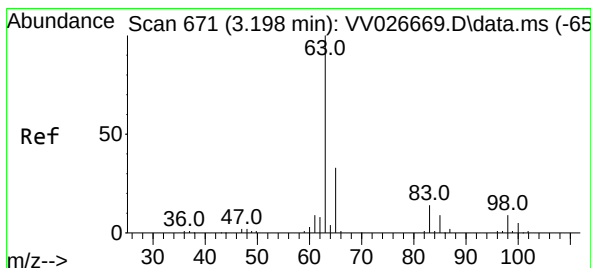
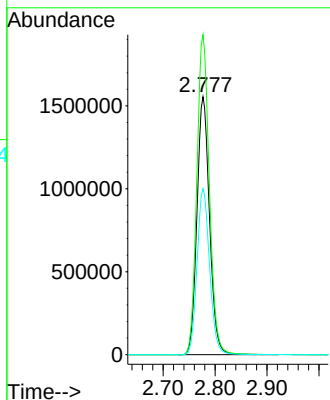
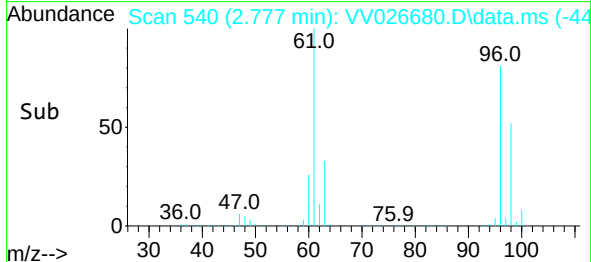
Instrument :
MSVOA_V
ClientSampleId :
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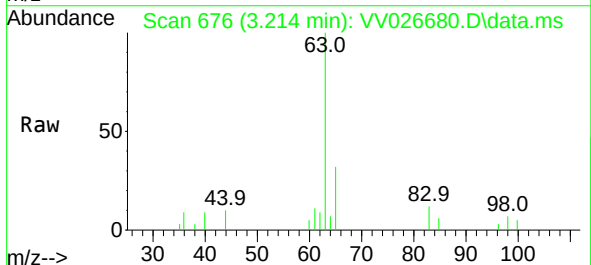
Tgt Ion: 96 Resp: 260765
Ion Ratio Lower Upper
96 100
61 124.0 90.4 167.8
98 64.4 45.6 84.8

Manual Integrations
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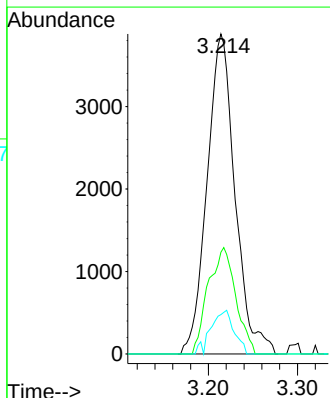
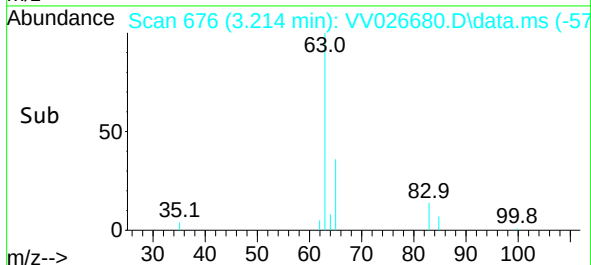
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/11/2022

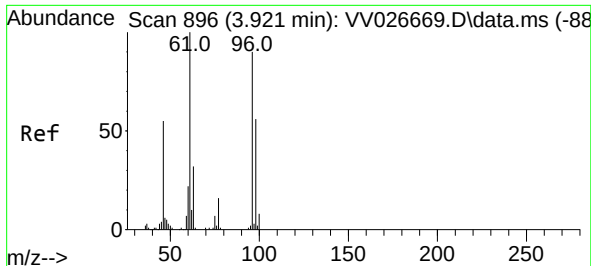


#19
1,1-Dichloroethane
Concen: 0.368 ug/L
RT: 3.214 min Scan# 676
Delta R.T. 0.016 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29



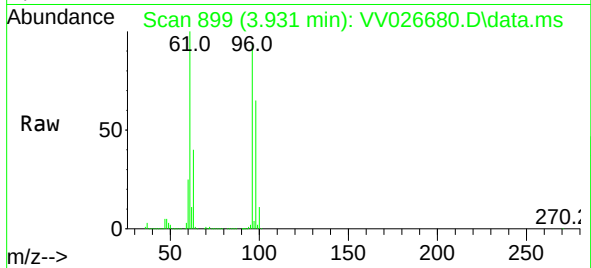
Tgt Ion: 63 Resp: 8455
Ion Ratio Lower Upper
63 100
65 31.8 23.0 42.6
83 12.3 10.2 19.0





#22
cis-1,2-Dichloroethene
Concen: 1528.219 ug/L
RT: 3.931 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

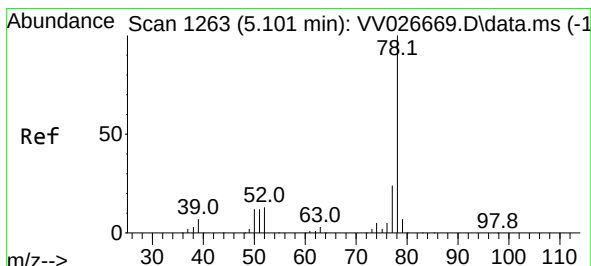
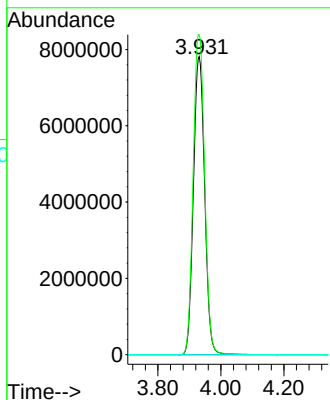
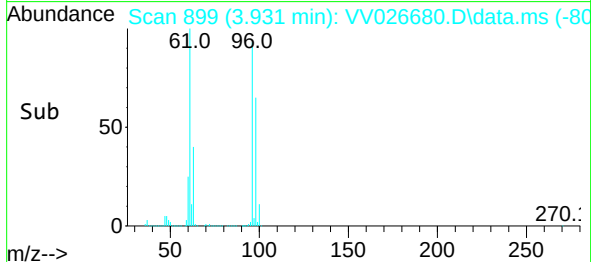
Instrument :
MSVOA_V
ClientSampleId :
DBUB1



Tgt Ion: 96 Resp:1941120
Ion Ratio Lower Upper
96 100
61 107.3 82.0 152.2
68 0.0 0.0 0.0

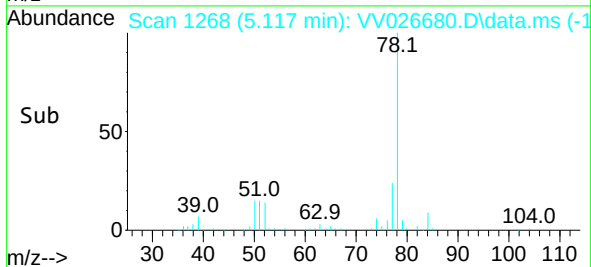
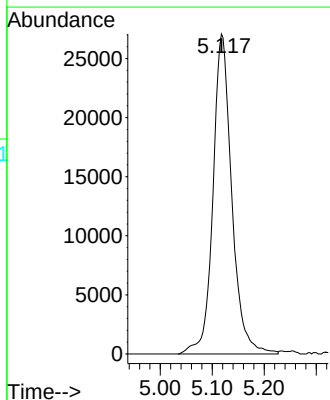
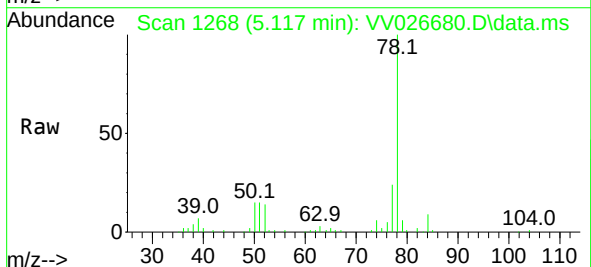
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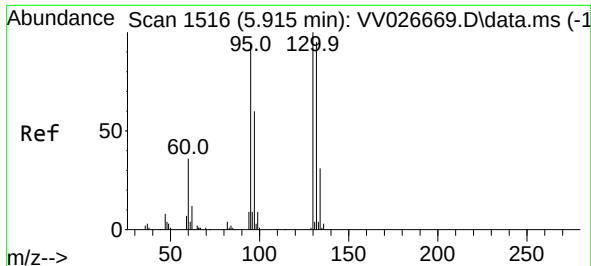
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/11/2022



#33
Benzene
Concen: 1.335 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. 0.016 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

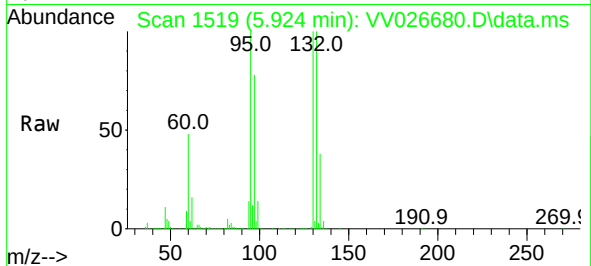
Tgt Ion: 78 Resp: 68140





#34
Trichloroethene
Concen: 2956.568 ug/L m
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

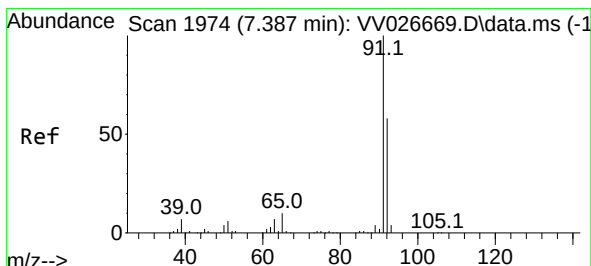
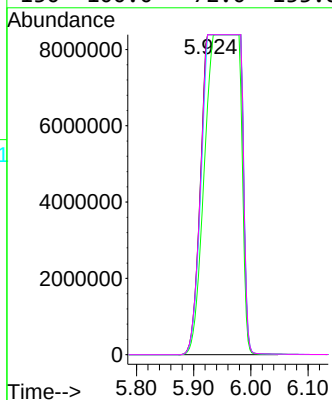
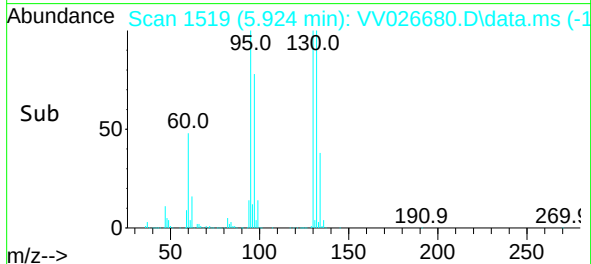
Instrument :
MSVOA_V
ClientSampleId :
DBUB1



Tgt Ion: 95 Resp: 3966110
Ion Ratio Lower Upper
95 100
97 78.4 46.8 87.0
132 100.0 69.9 129.7
130 100.0 72.0 133.8

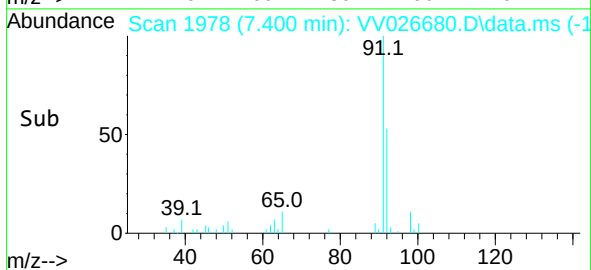
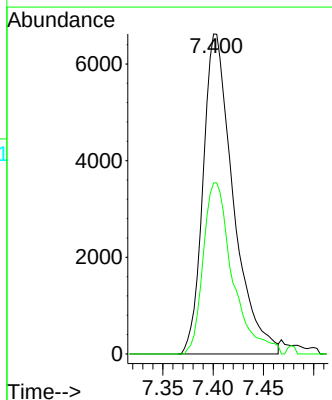
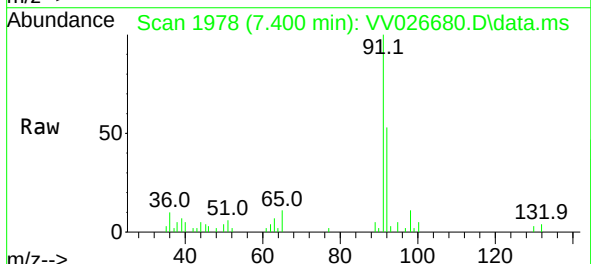
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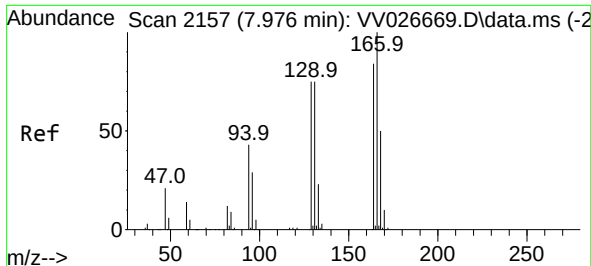
Reviewed By : John Carlone 07/08/2022
Supervised By : Mahesh Dadoda 07/11/2022



#42
Toluene
Concen: 0.261 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

Tgt Ion: 91 Resp: 13773
Ion Ratio Lower Upper
91 100
92 53.4 40.3 74.9





#47

Tetrachloroethene

Concen: 1616.786 ug/L

RT: 7.995 min Scan# 2157

Delta R.T. 0.019 min

Lab File: VV026680.D

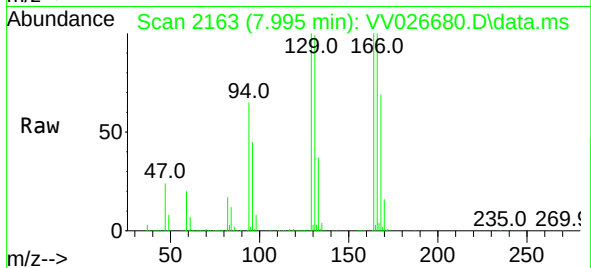
Acq: 07 Jul 2022 16:29

Instrument :

MSVOA_V

ClientSampleId :

DBUB1



Tgt Ion:164 Resp:1726766

Ion Ratio Lower Upper

164 100

129 100.0 66.4 123.2

131 99.0 64.4 119.6

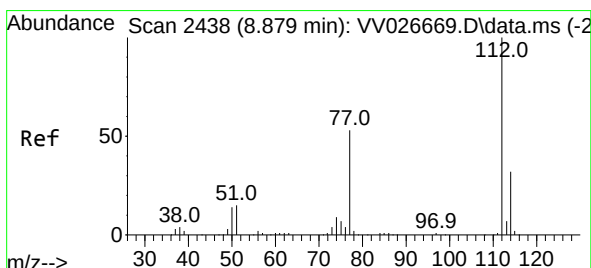
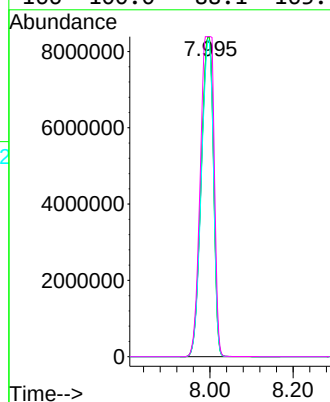
166 100.0 88.1 163.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 07/11/2022



#51

Chlorobenzene

Concen: 0.609 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.006 min

Lab File: VV026680.D

Acq: 07 Jul 2022 16:29

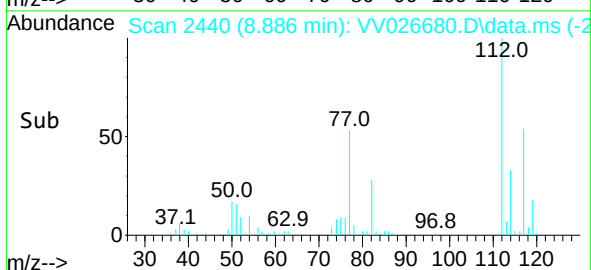
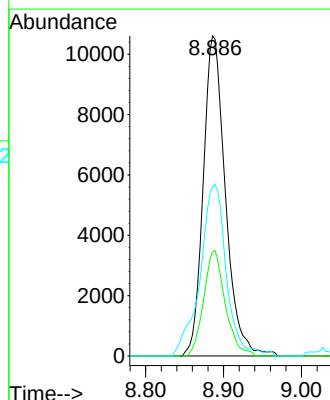
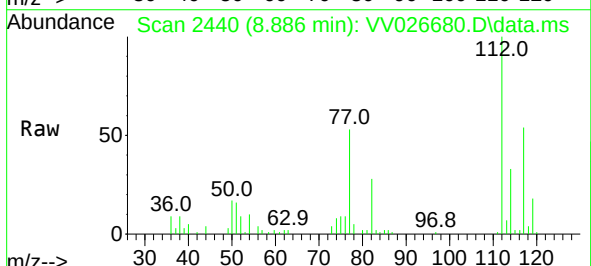
Tgt Ion:112 Resp: 21005

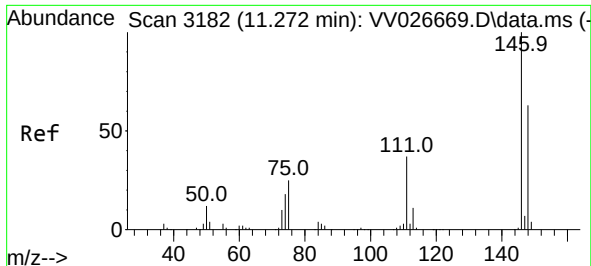
Ion Ratio Lower Upper

112 100

114 32.6 22.3 41.5

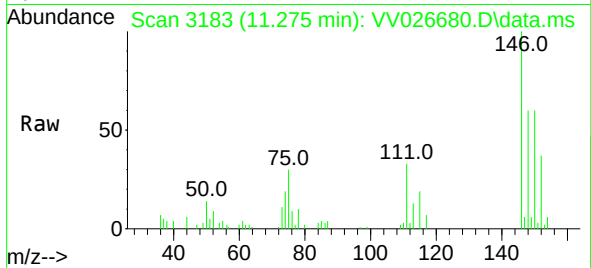
77 52.9 44.4 66.6





#65
1,4-Dichlorobenzene
Concen: 0.707 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

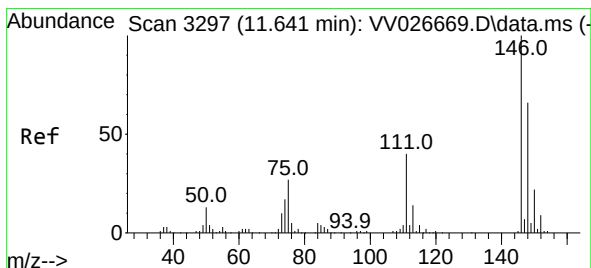
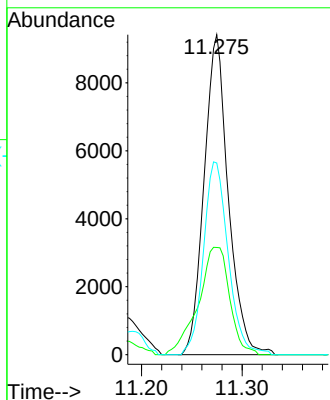
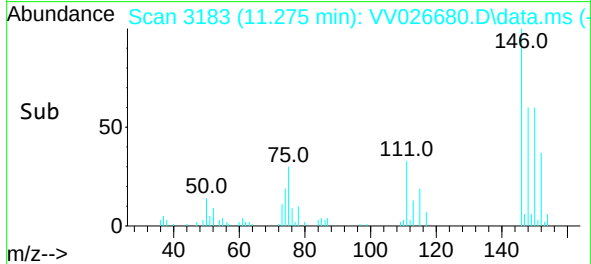
Instrument :
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Tgt Ion:146 Resp: 15730
Ion Ratio Lower Upper
146 100
111 33.5 26.5 49.3
148 59.9 43.7 81.1

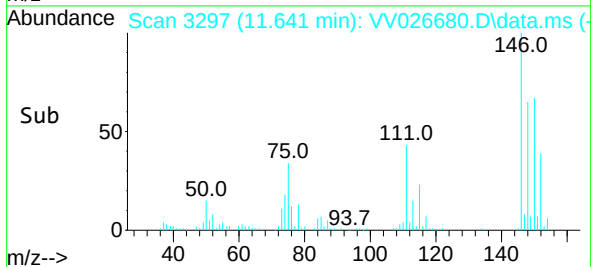
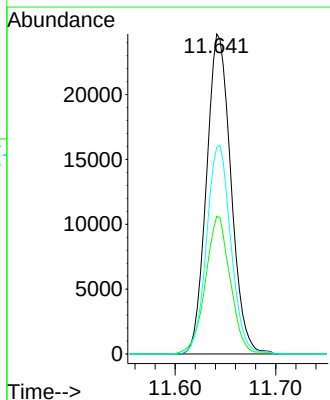
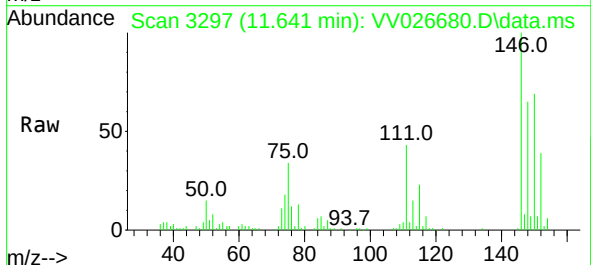
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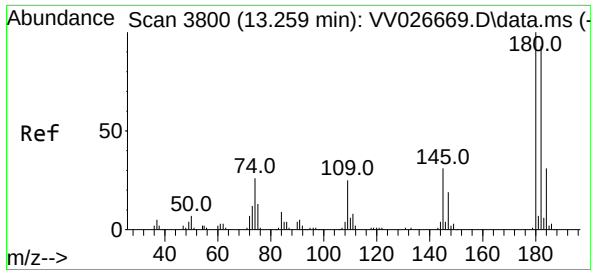
Reviewed By :John Carlone 07/08/2022
Supervised By :Mahesh Dadoda 07/11/2022



#67
1,2-Dichlorobenzene
Concen: 2.185 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

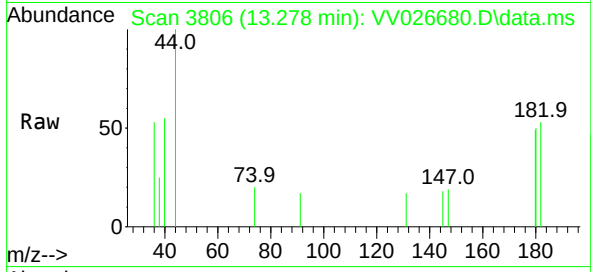
Tgt Ion:146 Resp: 41653
Ion Ratio Lower Upper
146 100
111 43.1 32.8 49.2
148 64.6 51.7 77.5





#70
1,2,4-trichlorobenzene
Concen: 0.095 ug/L
RT: 13.278 min Scan# 3806
Delta R.T. 0.019 min
Lab File: VV026680.D
Acq: 07 Jul 2022 16:29

Instrument :
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ClientSampleId :
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Tgt Ion:180 Resp: 1084
Ion Ratio Lower Upper
180 100
182 85.1 75.2 112.8
145 21.6 24.4 36.6

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