

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027752.D
 Acq On : 06 Sep 2022 19:40
 Operator : SY/MD
 Sample : N4404-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 06:29:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	180645	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	136161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62130	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	51230	4.302	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.000%	
7) Chloroethane-d5	1.564	69	44501	4.405	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.111	63	83718	3.313	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.966	46	122056	46.252	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.500%	
24) Chloroform-d	4.362	84	104321	4.279	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.037	65	64766	4.988	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.043	84	217686	5.511	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
36) 1,2-Dichloropropane-d6	6.069	67	54306	4.696	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.000%	
41) Toluene-d8	7.339	98	145769	4.388	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	7.648	79	17812	4.591	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.120	63	69954	48.504	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.000%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	37777	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54401	5.330	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.301	62	7650	0.470	ug/L	86
12) 1,1-Dichloroethene	2.121	96	4396	0.367	ug/L #	1
13) Acetone	2.236	43	10220m	5.198	ug/L	
14) Carbon disulfide	2.294	76	7902	0.222	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	28565	2.073	ug/L #	96
25) Chloroform	4.388	83	28660	1.089	ug/L	99
34) Trichloroethene	5.899	95	21006	1.866	ug/L	98
45) 1,1,2-Trichloroethane	7.866	97	2506	0.362	ug/L	93
47) Tetrachloroethene	7.992	164	45884	5.080	ug/L	96
53) m,p-Xylene	9.156	106	2831	0.159	ug/L	83
59) Bromoform	9.741	173	6180	1.643	ug/L	96

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

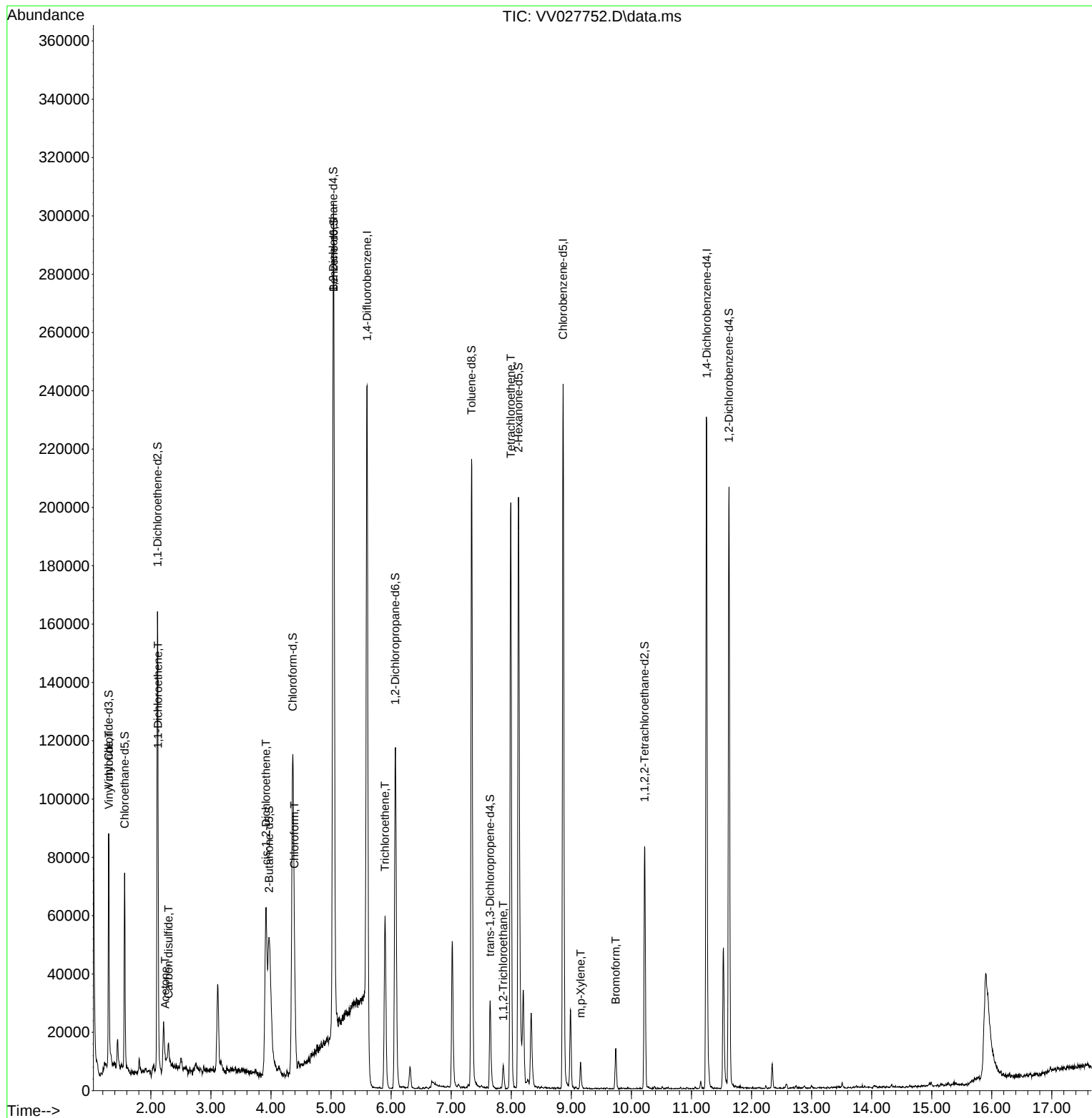
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
Data File : VV027752.D
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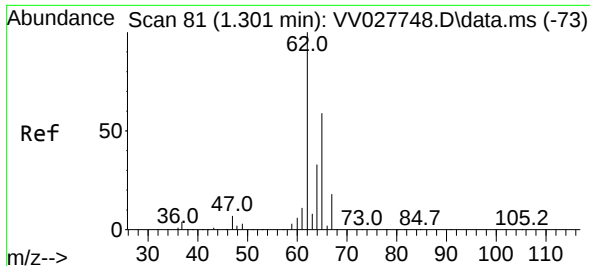
Instrument :
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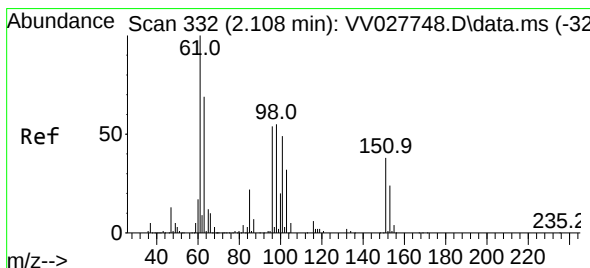
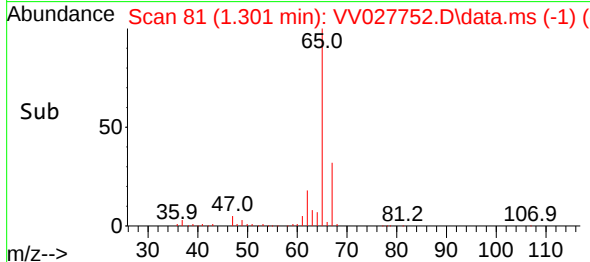
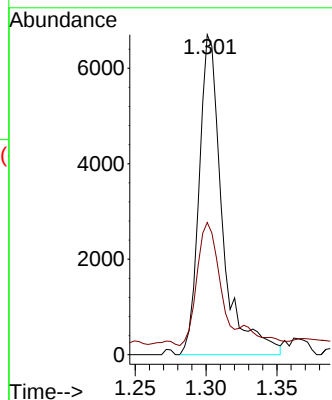
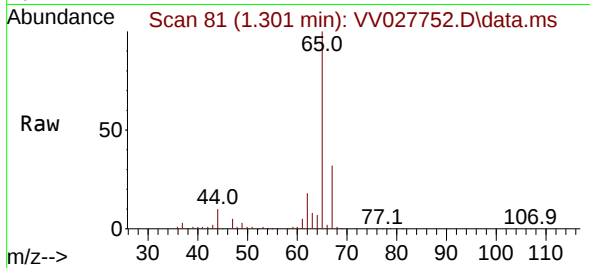
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 Vinyl chloride
 Concen: 0.470 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027752.D
 Acq: 06 Sep 2022 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC5

Tgt Ion: 62 Resp: 7650
 Ion Ratio Lower Upper
 62 100
 64 41.3 23.2 43.2

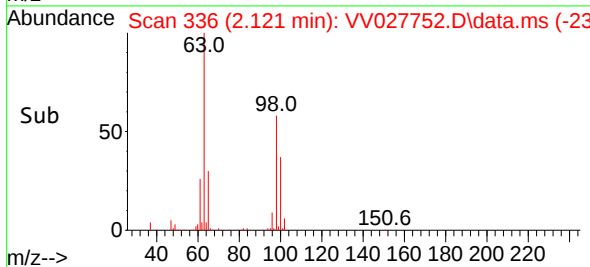
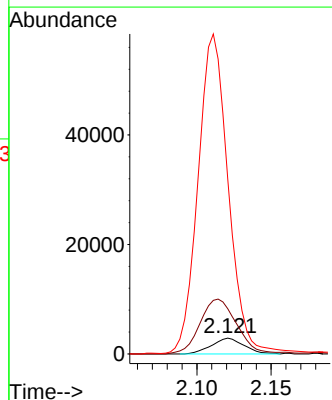
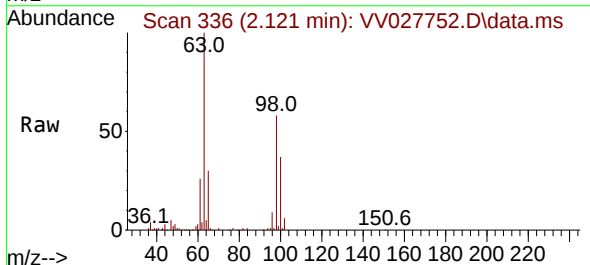
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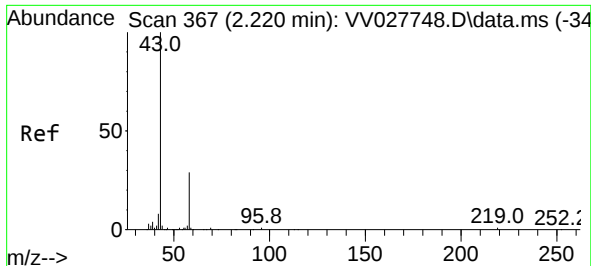
Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#12
 1,1-Dichloroethene
 Concen: 0.367 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.013 min
 Lab File: VV027752.D
 Acq: 06 Sep 2022 19:40

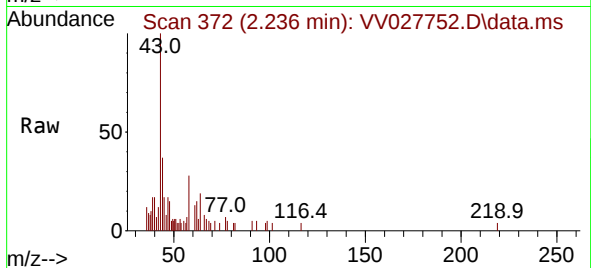
Tgt Ion: 96 Resp: 4396
 Ion Ratio Lower Upper
 96 100
 61 287.0 129.9 241.3#
 63 1110.4 94.6 175.8#





#13
Acetone
Concen: 5.198 ug/L m
RT: 2.236 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV027752.D
Acq: 06 Sep 2022 19:40

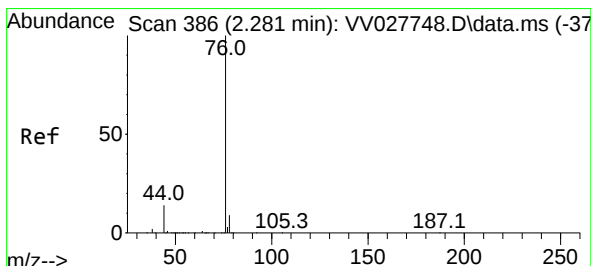
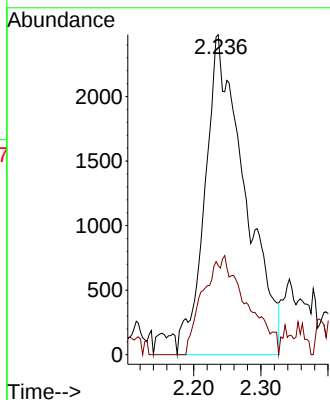
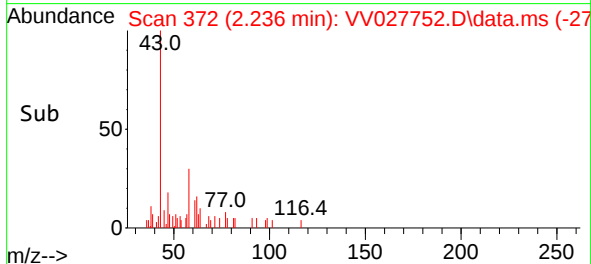
Instrument :
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ClientSampleId :
DBVC5



Tgt Ion: 43 Resp: 10220
Ion Ratio Lower Upper
43 100
58 14.1 0.0 49.4

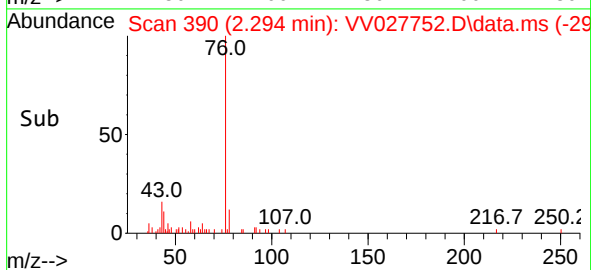
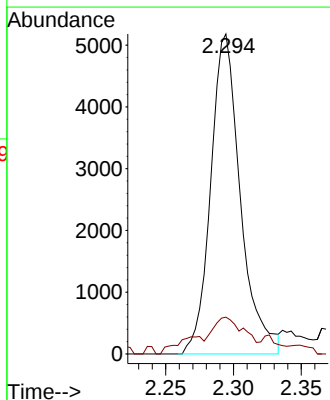
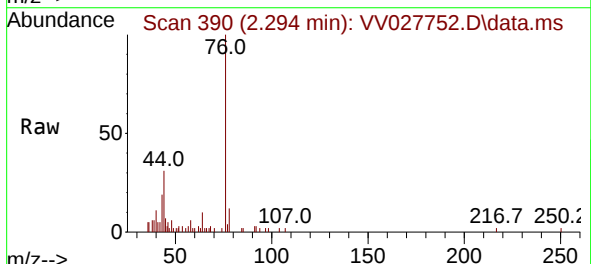
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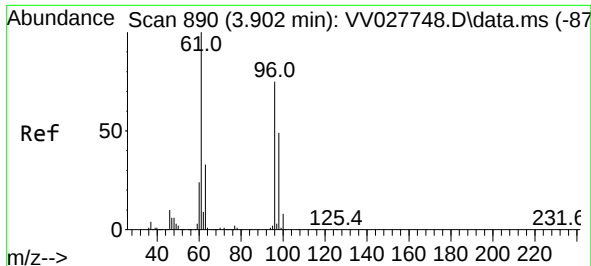
Reviewed By :Krupa Patel 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.013 min
Lab File: VV027752.D
Acq: 06 Sep 2022 19:40

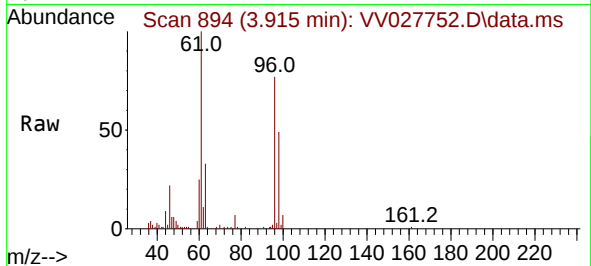
Tgt Ion: 76 Resp: 7902
Ion Ratio Lower Upper
76 100
78 11.5 7.7 11.5





#22
 cis-1,2-Dichloroethene
 Concen: 2.073 ug/L
 RT: 3.915 min Scan# 890
 Delta R.T. 0.013 min
 Lab File: VV027752.D
 Acq: 06 Sep 2022 19:40

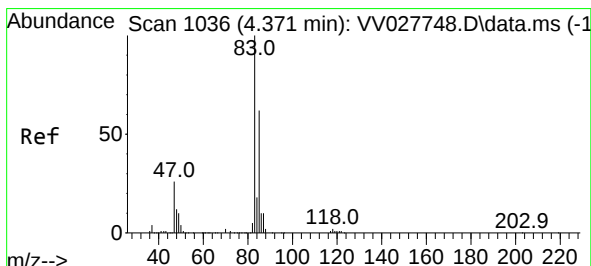
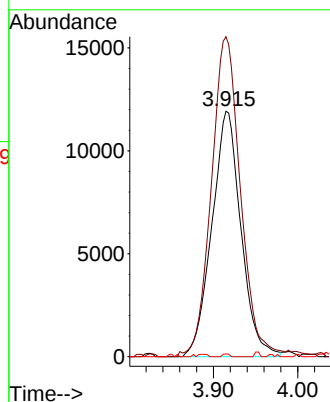
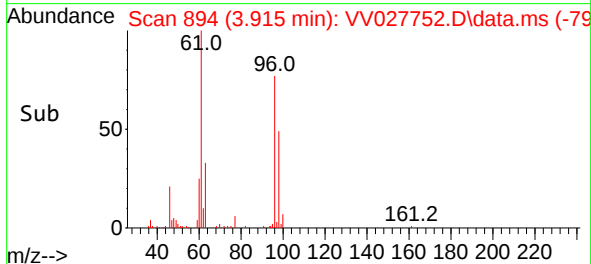
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC5



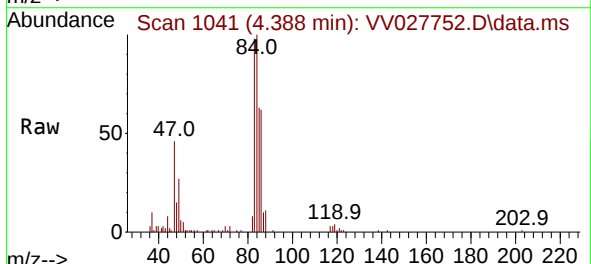
Tgt Ion: 96 Resp: 2856
 Ion Ratio Lower Upper
 96 100
 61 130.4 94.6 175.6
 68 1.1 0.3 0.5

Manual Integrations
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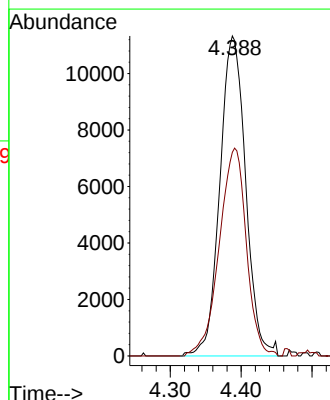
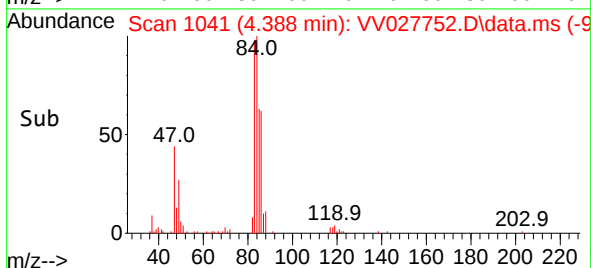
Reviewed By :Krupa Patel 09/08/2022
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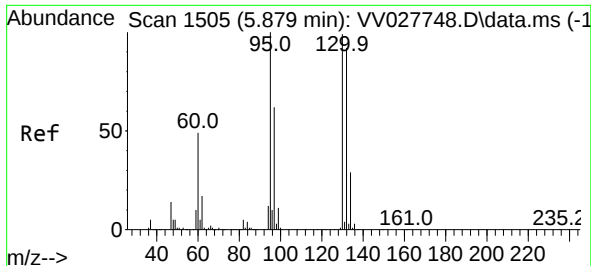


#25
 Chloroform
 Concen: 1.089 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.016 min
 Lab File: VV027752.D
 Acq: 06 Sep 2022 19:40



Tgt Ion: 83 Resp: 28660
 Ion Ratio Lower Upper
 83 100
 85 63.7 45.4 84.2





#34

Trichloroethene

Concen: 1.866 ug/L

RT: 5.899 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV027752.D

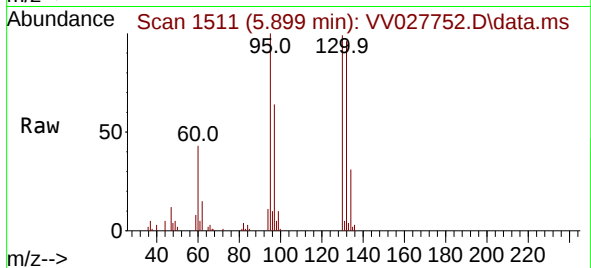
Acq: 06 Sep 2022 19:40

Instrument :

MSVOA_V

ClientSampleId :

DBVC5



Tgt Ion: 95 Resp: 2100

Ion Ratio Lower Upper

95 100

97 64.2 42.9 79.7

132 95.8 67.9 126.1

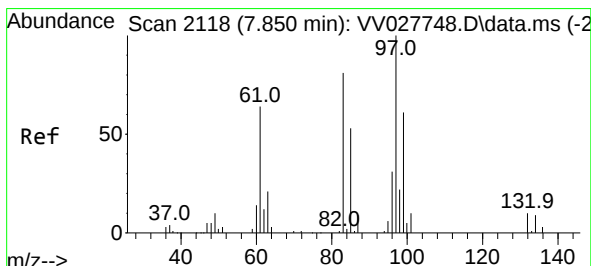
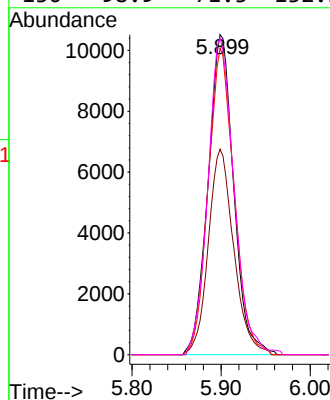
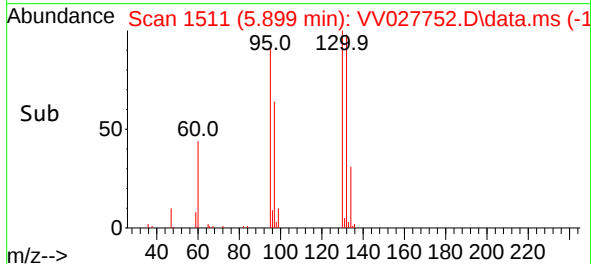
130 98.9 71.3 132.3

Manual Integrations

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#45

1,1,2-Trichloroethane

Concen: 0.362 ug/L

RT: 7.866 min Scan# 2123

Delta R.T. 0.016 min

Lab File: VV027752.D

Acq: 06 Sep 2022 19:40

Tgt Ion: 97 Resp: 2506

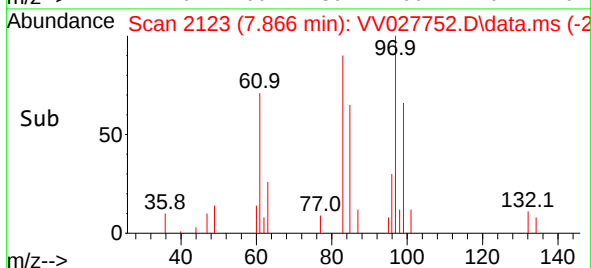
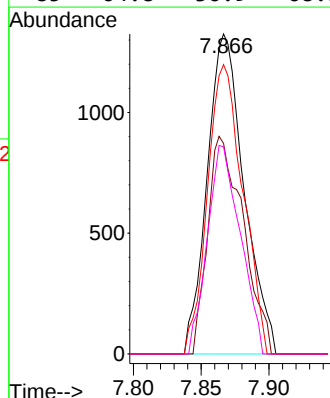
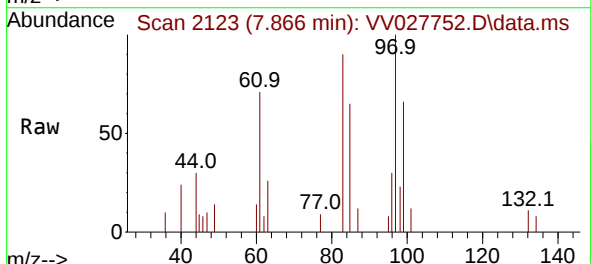
Ion Ratio Lower Upper

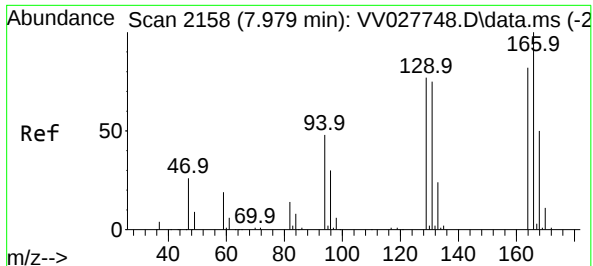
97 100

99 65.8 44.2 82.0

83 90.4 60.3 112.1

85 64.8 36.9 68.5





#47

Tetrachloroethene

Concen: 5.080 ug/L

RT: 7.992 min Scan# 2158

Delta R.T. 0.013 min

Lab File: VV027752.D

Acq: 06 Sep 2022 19:40

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MSVOA_V

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Tgt Ion:164 Resp: 45884

Ion Ratio Lower Upper

164 100

129 93.5 67.2 124.8

131 90.2 61.5 114.3

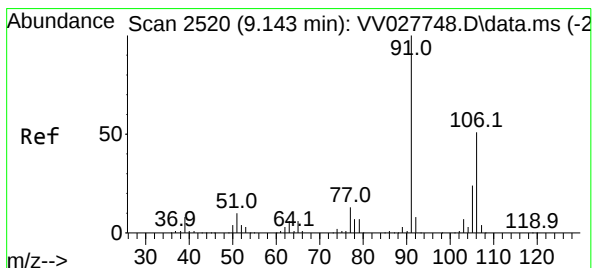
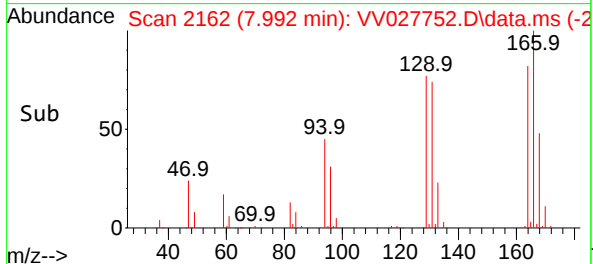
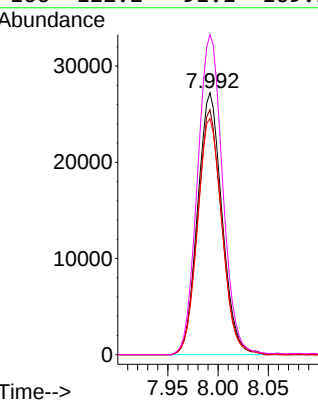
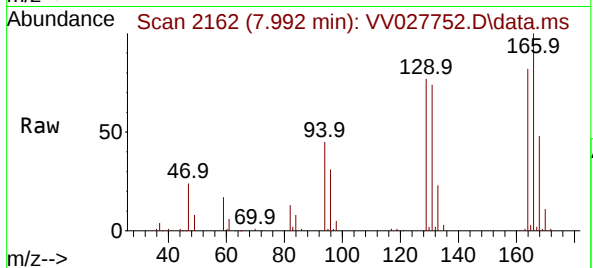
166 122.2 91.1 169.3

Manual Integrations

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#53

m,p-Xylene

Concen: 0.159 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.013 min

Lab File: VV027752.D

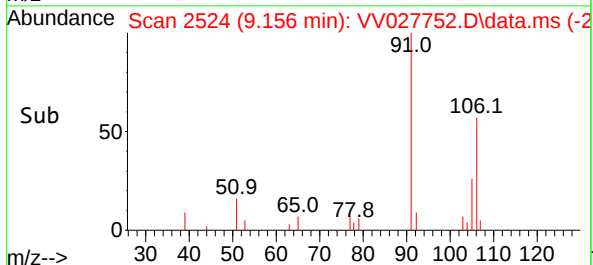
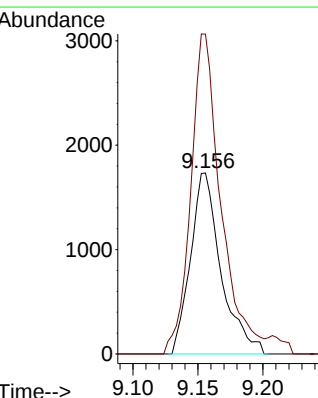
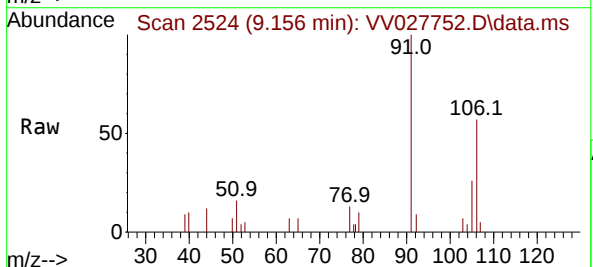
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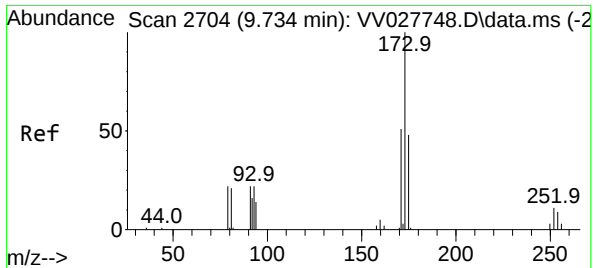
Tgt Ion:106 Resp: 2831

Ion Ratio Lower Upper

106 100

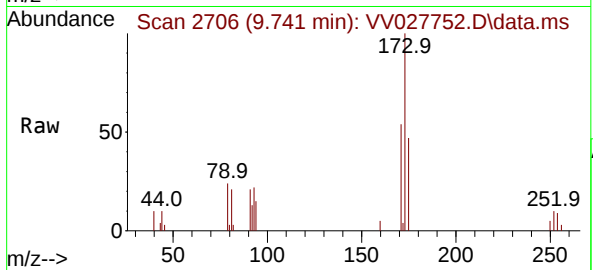
91 176.8 142.4 264.4





#59
Bromoform
Concen: 1.643 ug/L
RT: 9.741 min Scan# 21
Delta R.T. 0.007 min
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Tgt Ion:173 Resp: 6180
Ion Ratio Lower Upper
173 100
175 50.9 38.4 57.6
254 9.4 6.8 10.2

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