

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031723\
 Data File : VW030237.D
 Acq On : 17 Mar 2023 15:49
 Operator : SY/MD
 Sample : 01996-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A26

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/22/2023
 Supervised By :Mahesh Dadoda 03/22/2023

Quant Time: Mar 17 22:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	130266	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	118735	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59821	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	32754	3.886	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.539	69	30668	3.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.076	63	721835	41.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	833.200%#
20) 2-Butanone-d5	3.812	46	80666	51.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.820%
24) Chloroform-d	4.262	84	74580	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.953	65	36226	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	4.973	84	129090	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.998	67	41208	4.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.252	98	114956	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.564	79	14955	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.037	63	66314	48.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27633	4.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	43505	4.298	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	1154414	132.051	ug/L	# 71
19) 1,1-Dichloroethane	3.124	63	21305	1.375	ug/L	95
22) cis-1,2-Dichloroethene	3.825	96	36301	3.949	ug/L	91
25) Chloroform	4.288	83	66098	4.101	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	158035	11.330	ug/L	96
31) Carbon tetrachloride	4.747	117	60332	4.812	ug/L	97
33) Benzene	5.024	78	15611	0.481	ug/L	100
34) Trichloroethene	5.844	95	3979269	437.938	ug/L	94
45) 1,1,2-Trichloroethane	7.779	97	2820m	0.478	ug/L	
47) Tetrachloroethene	7.943	164	24659453	3161.685	ug/L	85
64) 1,3-Dichlorobenzene	11.127	146	6984	0.390	ug/L	94
65) 1,4-Dichlorobenzene	11.220	146	6026	0.333	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	8367	0.529	ug/L	98

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

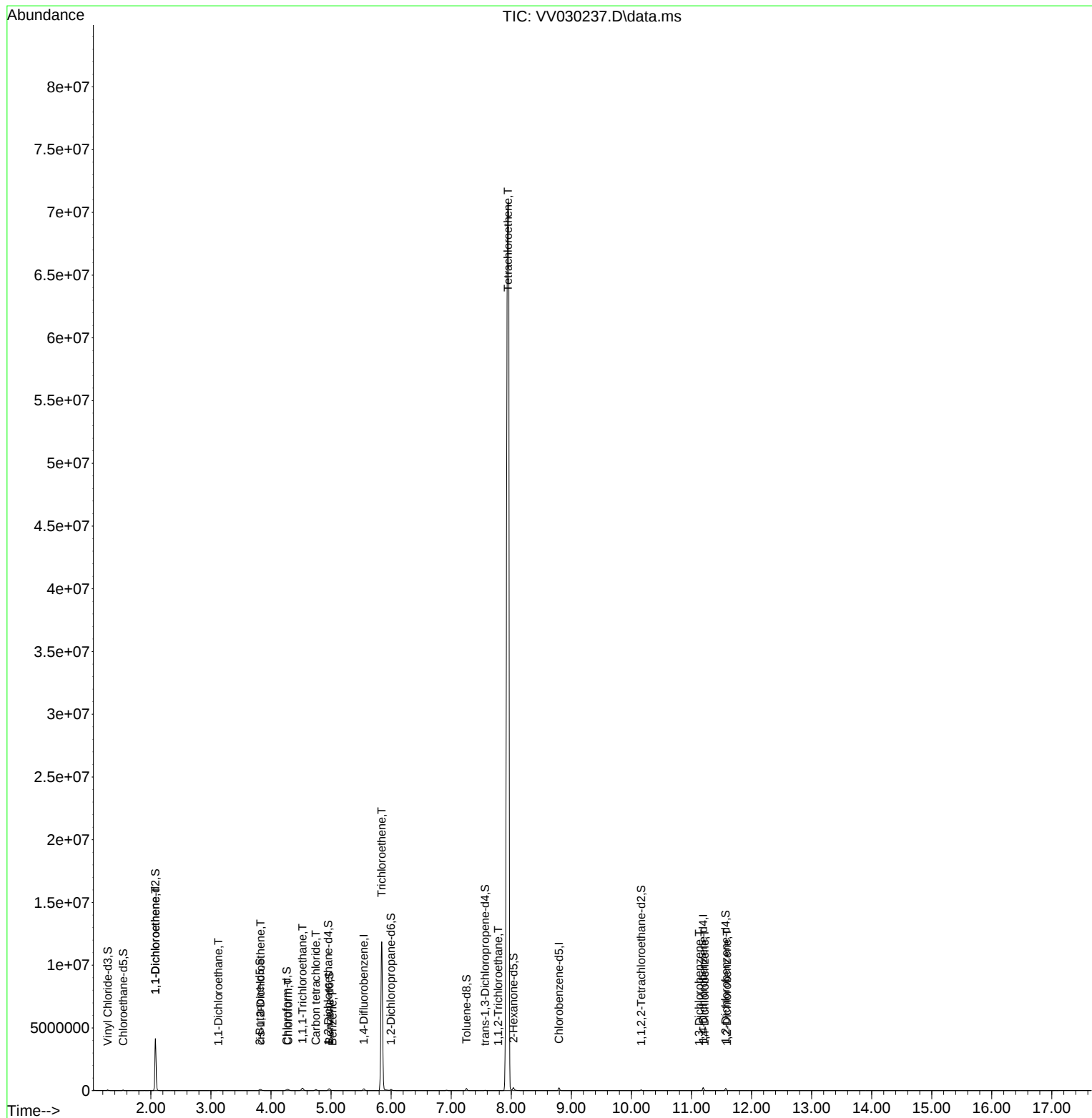
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031723\
Data File : VV030237.D
Acq On : 17 Mar 2023 15:49
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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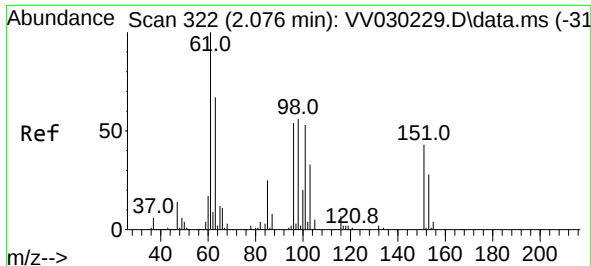
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 17 22:49:08 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 132.051 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030237.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

H0A26

Tgt Ion: 96 Resp: 1154414

Ion Ratio Lower Upper

96 100

61 178.7 115.6 214.6

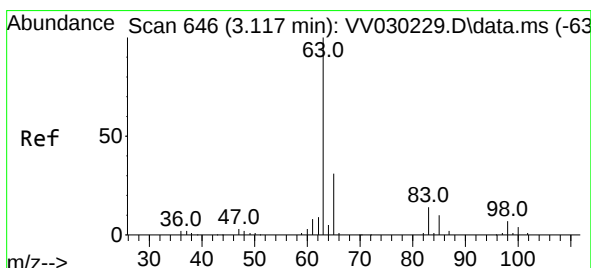
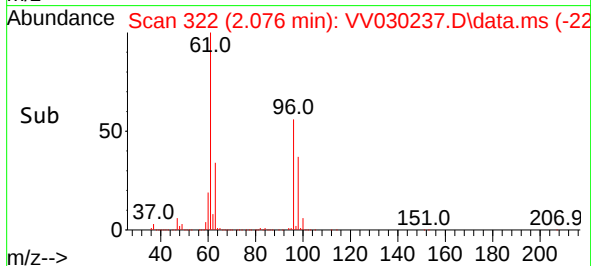
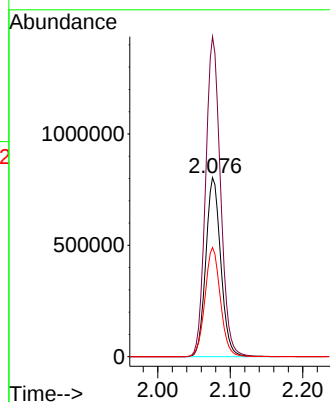
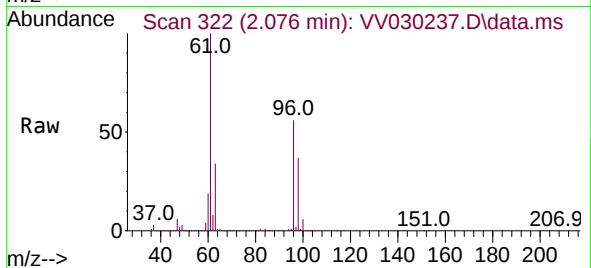
63 60.9 85.6 159.0

Manual Integrations

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#19

1,1-Dichloroethane

Concen: 1.375 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.006 min

Lab File: VV030237.D

Acq: 17 Mar 2023 15:49

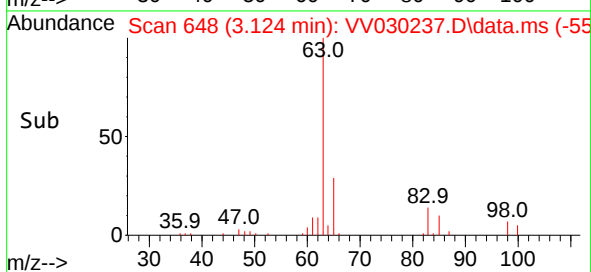
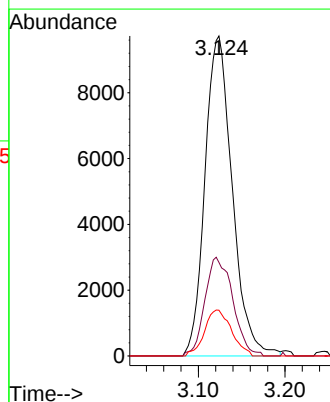
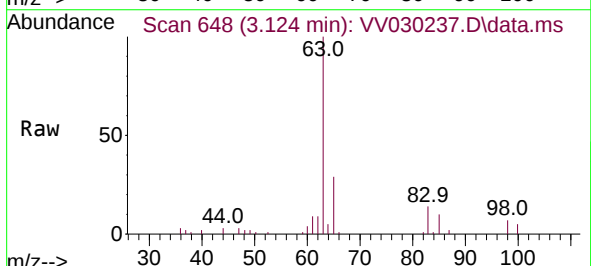
Tgt Ion: 63 Resp: 21305

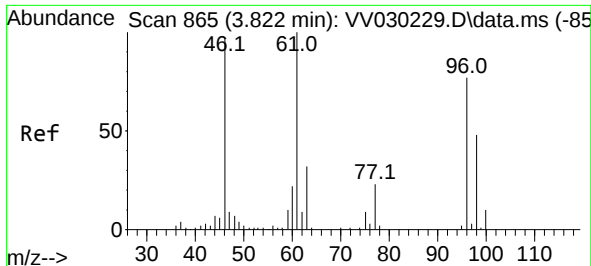
Ion Ratio Lower Upper

63 100

65 29.2 23.0 42.8

83 14.3 9.6 17.8





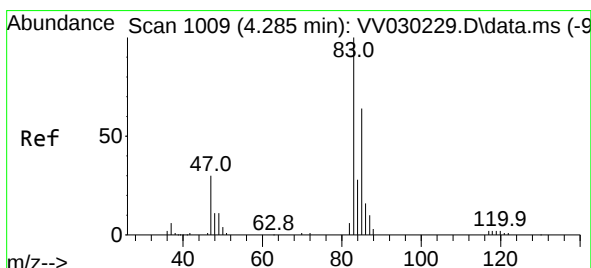
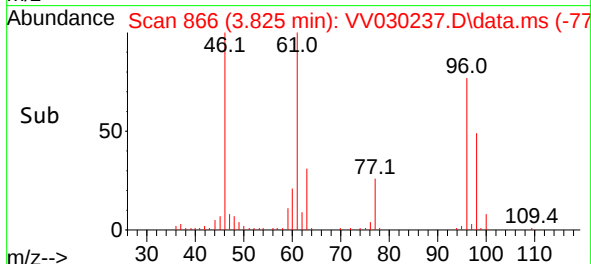
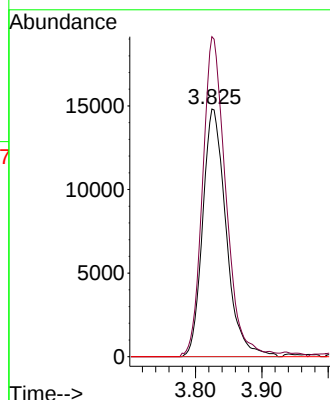
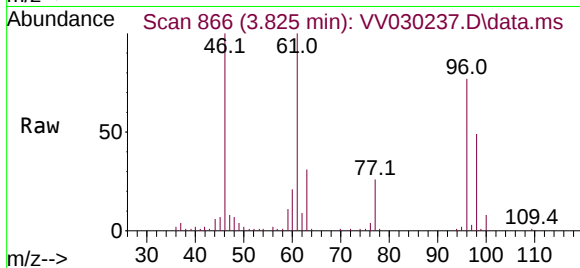
#22
cis-1,2-Dichloroethene
Concen: 3.949 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_V
ClientSampleId :
H0A26

Tgt Ion: 96 Resp: 3630
Ion Ratio Lower Upper
96 100
61 129.2 83.4 154.8
68 0.0 0.0 0.0

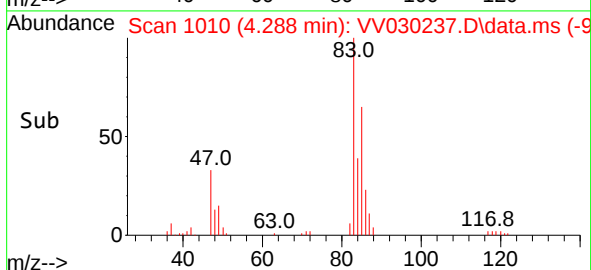
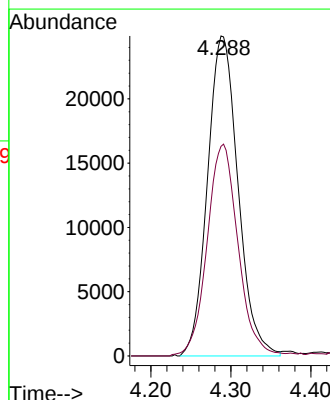
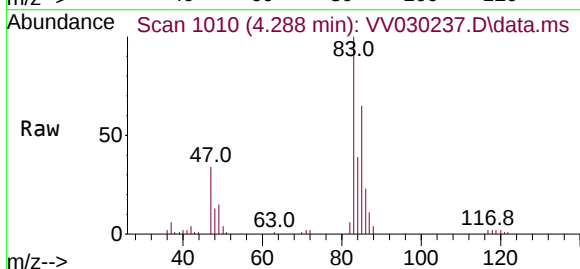
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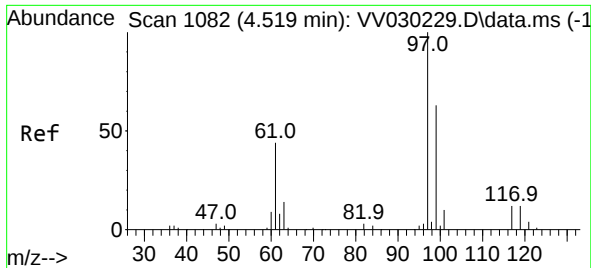
Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023



#25
Chloroform
Concen: 4.101 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 83 Resp: 66098
Ion Ratio Lower Upper
83 100
85 65.5 46.5 86.5





#29

1,1,1-Trichloroethane

Concen: 11.330 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030237.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

H0A26

Tgt Ion: 97 Resp: 15803

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

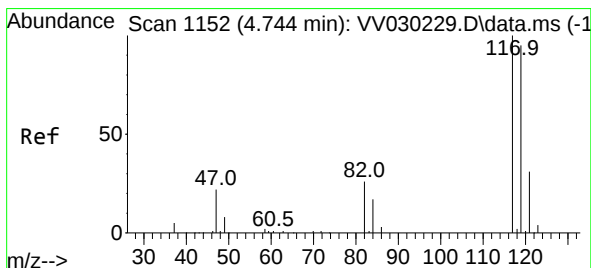
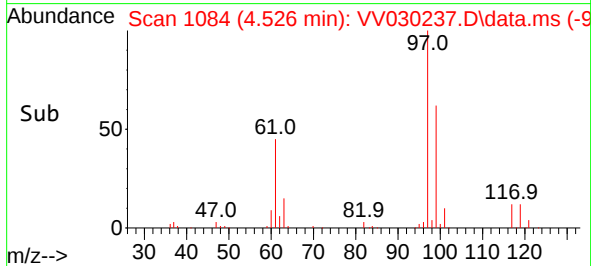
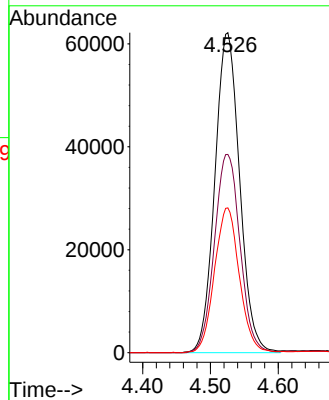
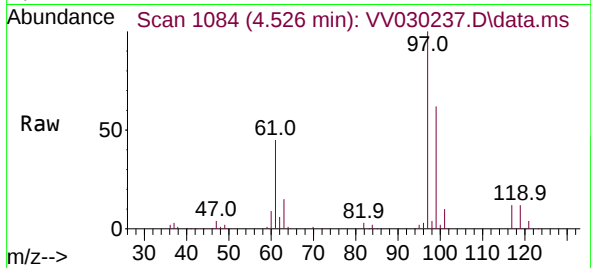
61 45.5 31.5 47.3

Manual Integrations

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Reviewed By :Krupa Patel 03/22/2023

Supervised By :Mahesh Dadoda 03/22/2023



#31

Carbon tetrachloride

Concen: 4.812 ug/L

RT: 4.747 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV030237.D

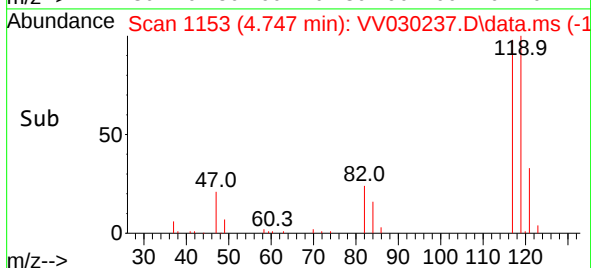
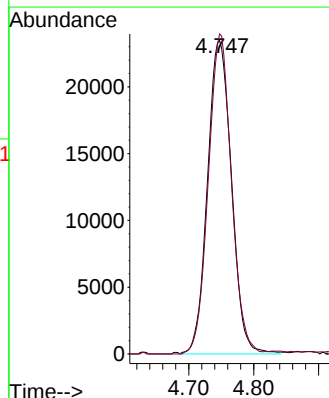
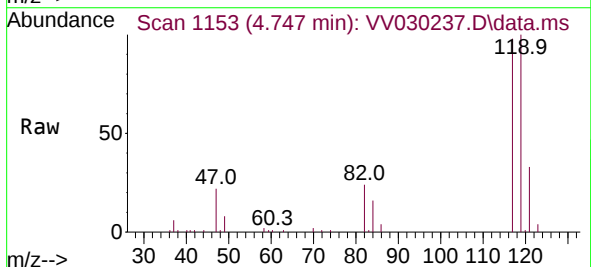
Acq: 17 Mar 2023 15:49

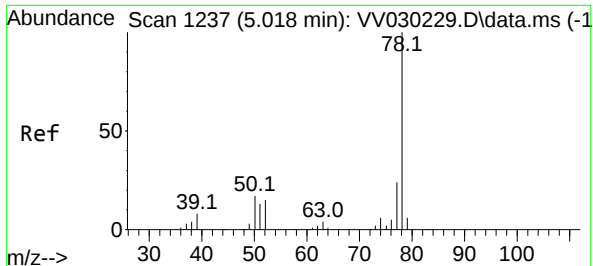
Tgt Ion:117 Resp: 60332

Ion Ratio Lower Upper

117 100

119 97.9 76.1 114.1





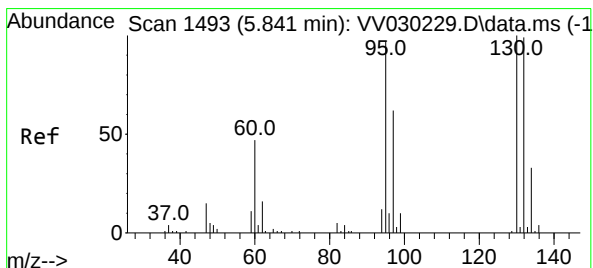
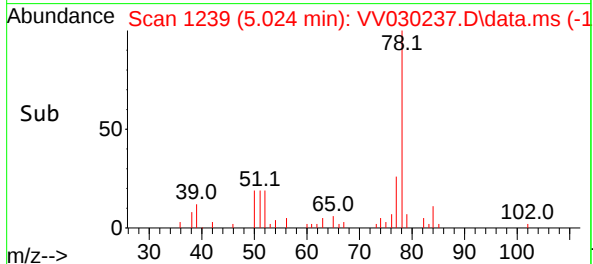
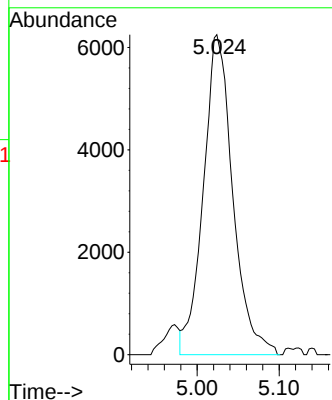
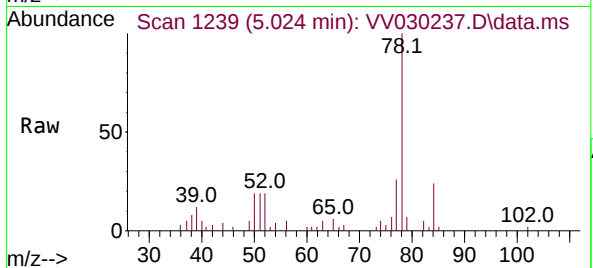
#33
Benzene
Concen: 0.481 ug/L
RT: 5.024 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_V
ClientSampleId :
H0A26

Tgt Ion: 78 Resp: 1561

Manual Integrations
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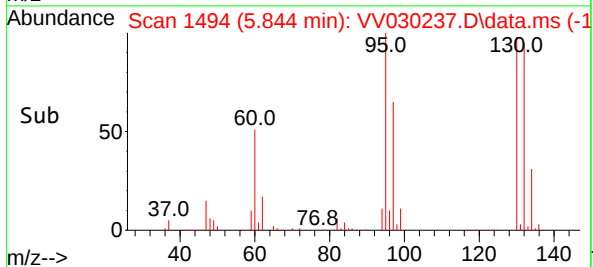
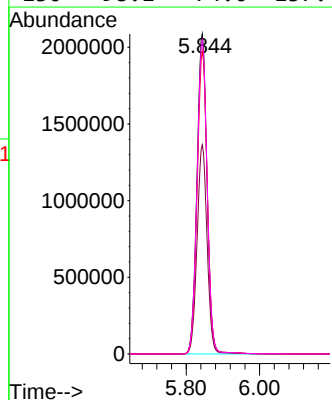
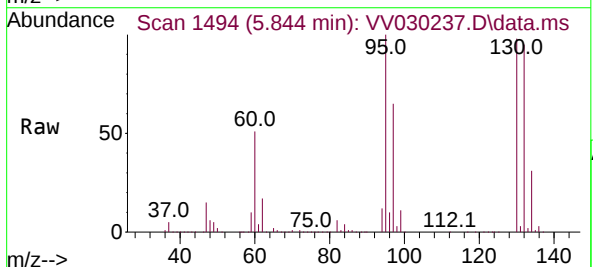
Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

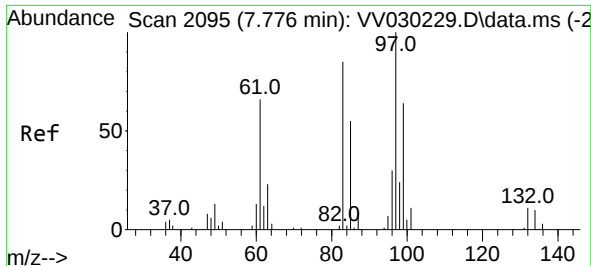


#34
Trichloroethene
Concen: 437.938 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 95 Resp: 3979269

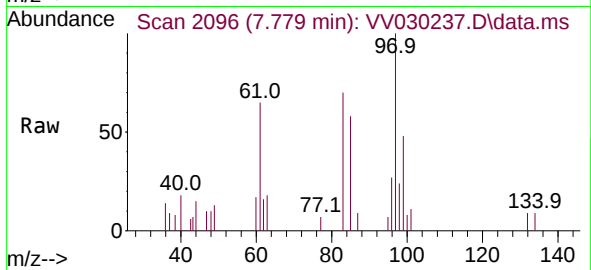
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.5	86.5
132	94.6	71.7	133.3
130	98.1	74.0	137.4





#45
1,1,2-Trichloroethane
Concen: 0.478 ug/L m
RT: 7.779 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_V
ClientSampleId :
H0A26

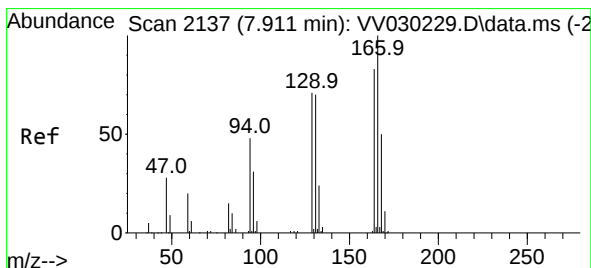
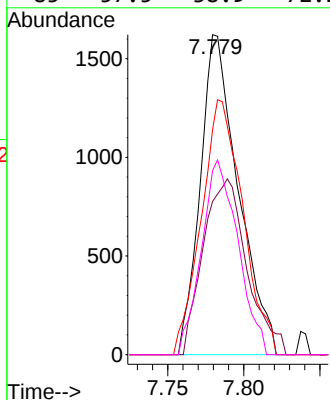
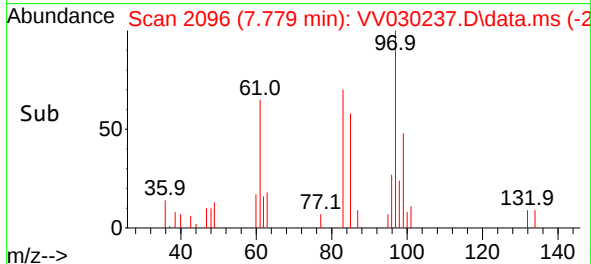


Tgt Ion: 97 Resp: 2820

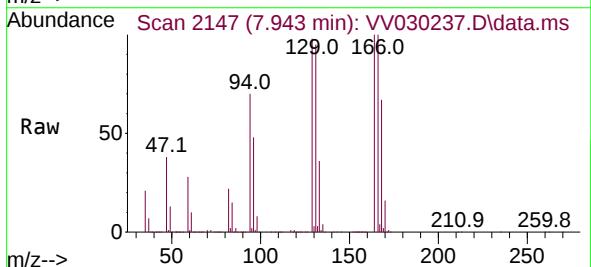
Ion	Ratio	Lower	Upper
97	100		
99	47.9	42.6	79.2
83	70.3	57.7	107.3
85	57.5	38.9	72.2

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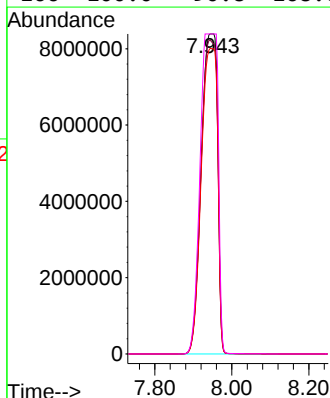
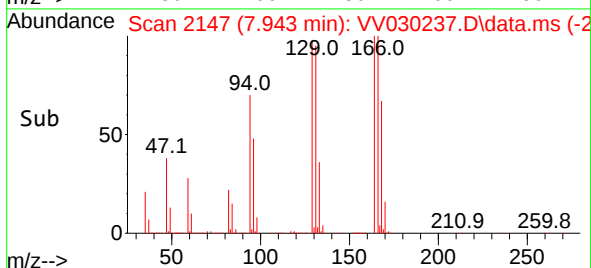


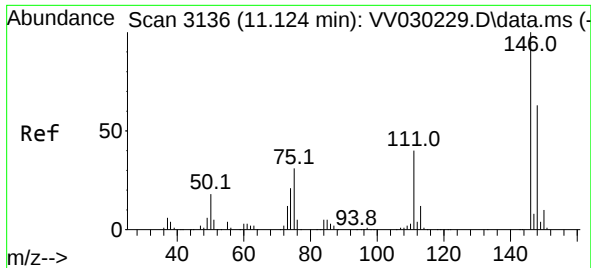
#47
Tetrachloroethene
Concen: 3161.685 ug/L
RT: 7.943 min Scan# 2147
Delta R.T. 0.032 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49



Tgt Ion:164 Resp:24659453

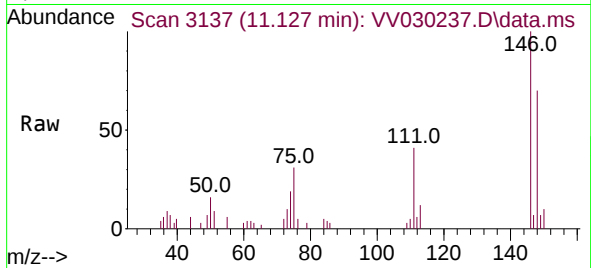
Ion	Ratio	Lower	Upper
164	100		
129	98.1	63.6	118.2
131	95.4	61.7	114.7
166	100.0	90.8	168.6





#64
1,3-Dichlorobenzene
Concen: 0.390 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49

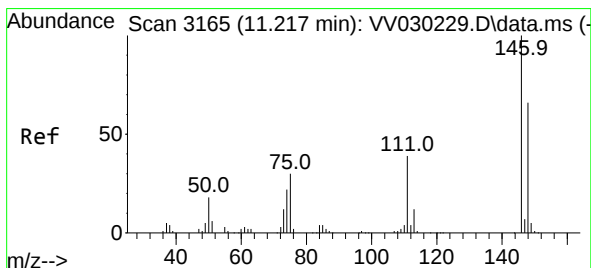
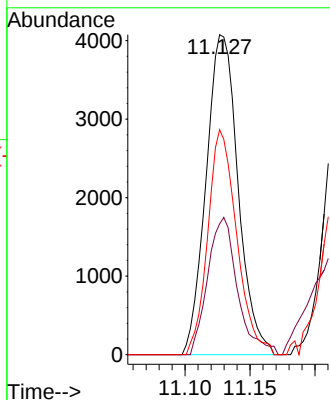
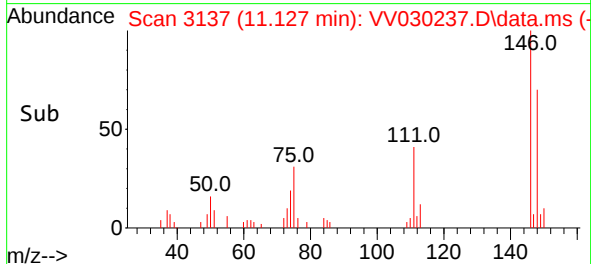
Instrument :
MSVOA_V
ClientSampleId :
H0A26



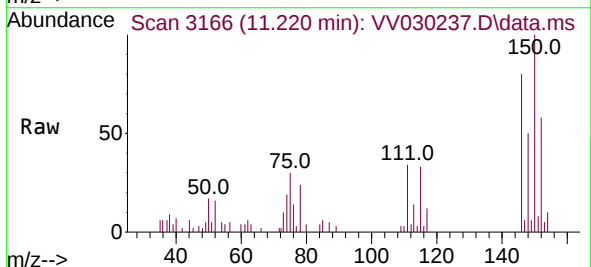
Tgt Ion:146 Resp: 6984
Ion Ratio Lower Upper
146 100
111 40.9 27.7 51.5
148 70.3 44.5 82.7

Manual Integrations
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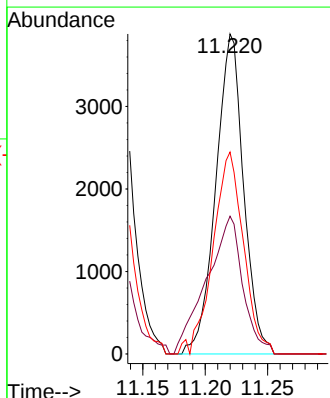
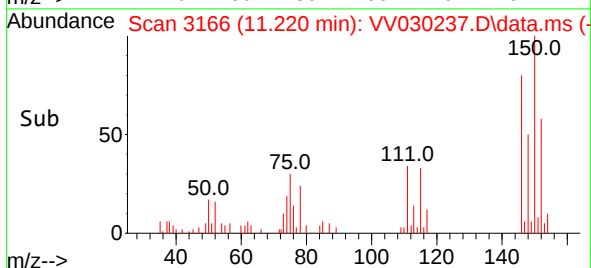
Reviewed By :Krupa Patel 03/22/2023
Supervised By :Mahesh Dadoda 03/22/2023

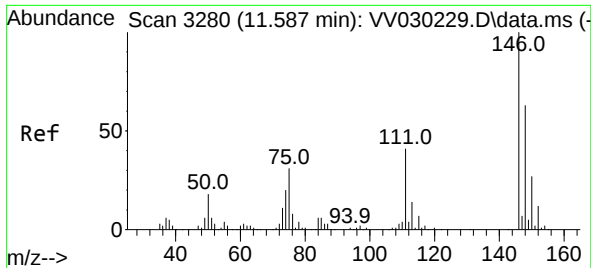


#65
1,4-Dichlorobenzene
Concen: 0.333 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030237.D
Acq: 17 Mar 2023 15:49



Tgt Ion:146 Resp: 6026
Ion Ratio Lower Upper
146 100
111 43.1 27.4 51.0
148 63.1 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 0.529 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030237.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

H0A26

Tgt Ion:146 Resp: 836

Ion Ratio Lower Upper

146 100

111 44.3 33.5 50.3

148 65.0 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/22/2023

Supervised By :Mahesh Dadoda 03/22/2023

