

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030555.D
 Acq On : 13 Apr 2023 19:14
 Operator : SY/MD
 Sample : 02254-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC0

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 05:24:12 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	5.548	114	124724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	121598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51552	6.241	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	124.800%	
7) Chloroethane-d5	1.535	69	39242	4.895	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.072	63	10654954	543.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	10871.600%#	
20) 2-Butanone-d5	3.825	46	94207	44.123	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.240%	
24) Chloroform-d	4.268	84	87442	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	4.960	65	46522	4.932	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	4.979	84	157821	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.001	67	48493	4.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.252	98	130460	4.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	7.564	79	16398	4.060	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.034	63	67593	41.647	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34344	4.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	45773	4.633	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	7044	0.352	ug/L	100
5) Vinyl chloride	1.285	62	136793m	9.378	ug/L	
9) Trichlorofluoromethane	1.719	101	7195	0.338	ug/L	99
12) 1,1-Dichloroethene	2.069	96	15662194	1502.905	ug/L #	42
14) Carbon disulfide	2.249	76	4239	0.123	ug/L	98
15) Methyl Acetate	2.400	43	4506	1.235	ug/L #	71
19) 1,1-Dichloroethane	3.121	63	6240441	293.203	ug/L	97
22) cis-1,2-Dichloroethene	3.828	96	1596	0.145	ug/L	87
25) Chloroform	4.297	83	48653	2.262	ug/L	97
27) 1,2-Dichloroethane	5.059	62	26032	2.002	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	65313784m	3341.837	ug/L	
34) Trichloroethene	5.844	95	497913	42.746	ug/L	99
45) 1,1,2-Trichloroethane	7.783	97	1368	0.175	ug/L	81
47) Tetrachloroethene	7.915	164	8702	0.846	ug/L	93

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

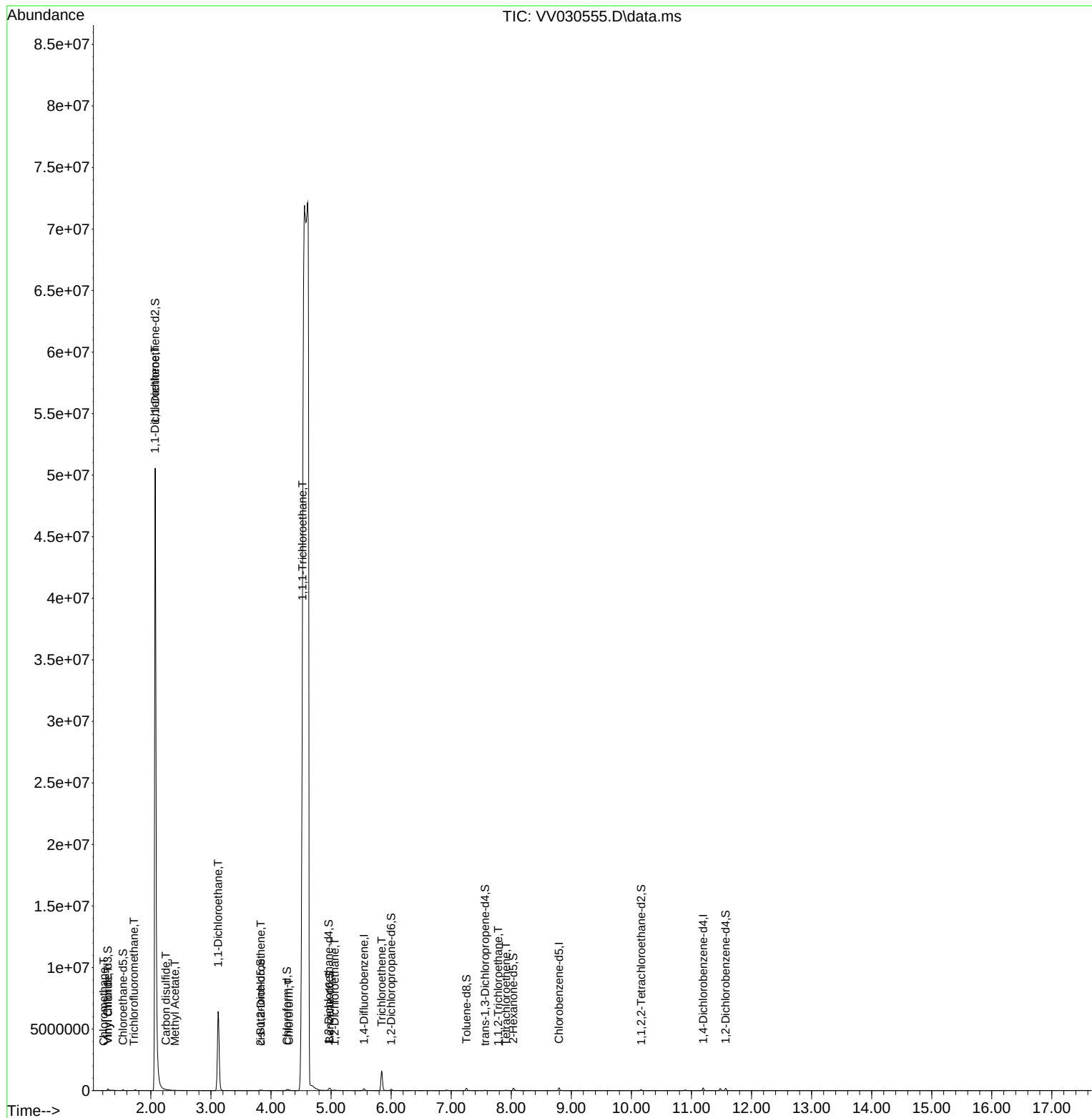
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
Data File : VV030555.D
Acq On : 13 Apr 2023 19:14
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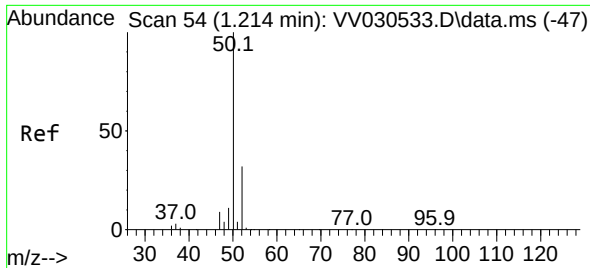
Instrument :
MSVOA_V
ClientSampleId :
C0AC0

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Quant Time: Apr 14 05:24:12 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





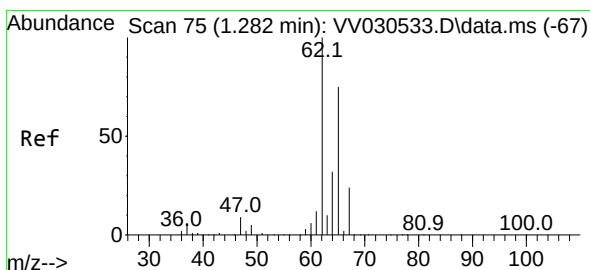
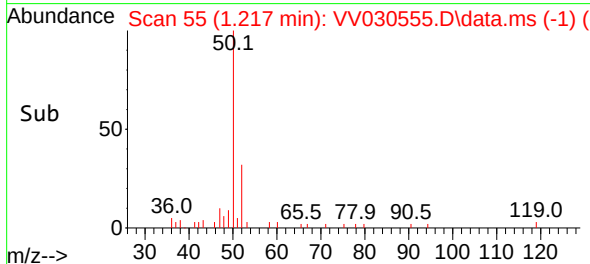
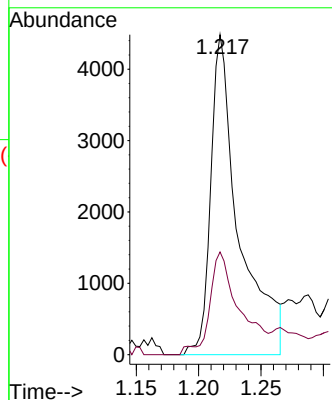
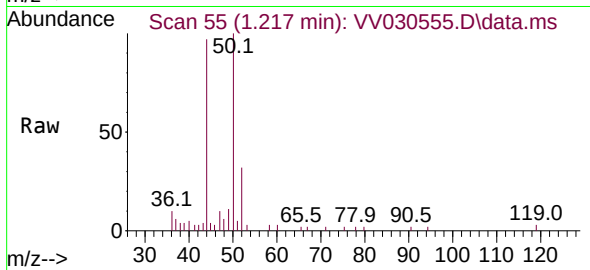
#3
Chloromethane
Concen: 0.352 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14

Instrument :
MSVOA_V
ClientSampleId :
C0AC0

Tgt Ion: 50 Resp: 7044
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5

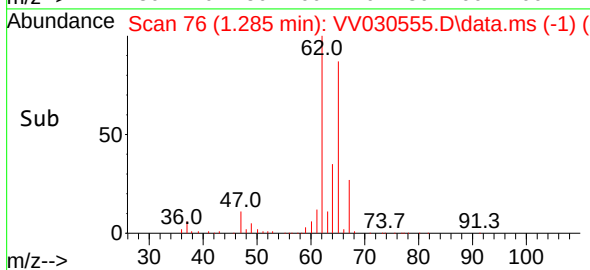
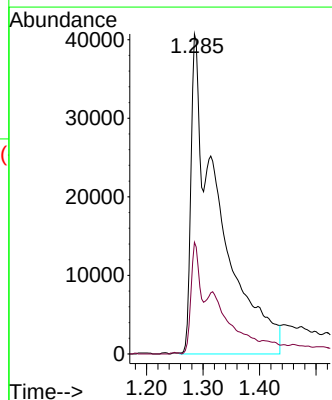
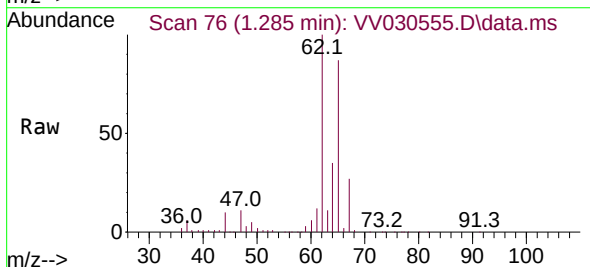
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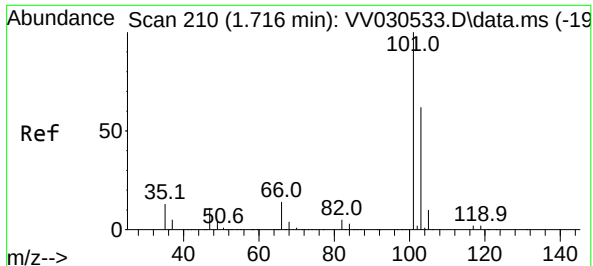
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#5
Vinyl chloride
Concen: 9.378 ug/L m
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14

Tgt Ion: 62 Resp: 136793
Ion Ratio Lower Upper
62 100
64 34.9 23.2 43.2





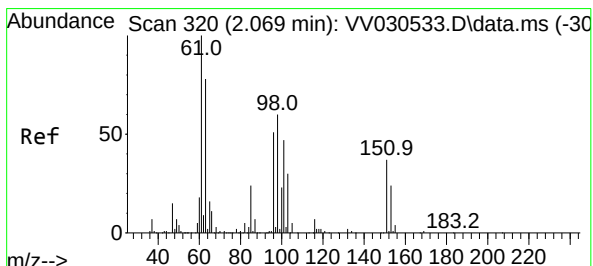
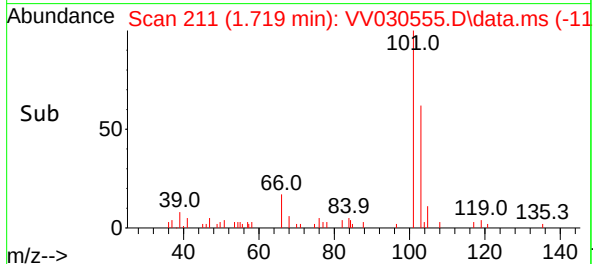
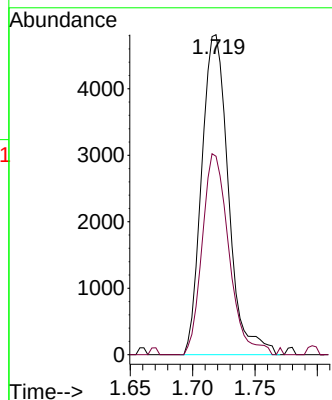
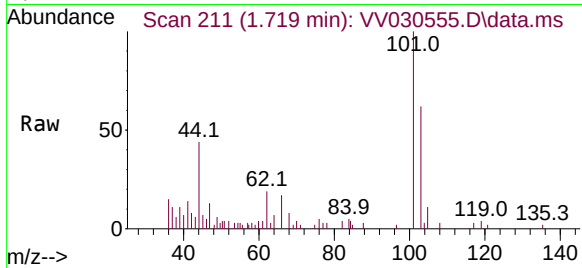
#9
 Trichlorofluoromethane
 Concen: 0.338 ug/L
 RT: 1.719 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VV030555.D
 Acq: 13 Apr 2023 19:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC0

Tgt Ion:101 Resp: 719
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.6

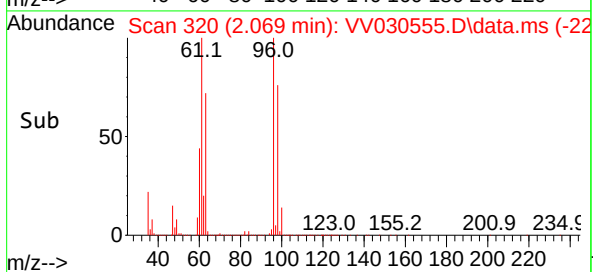
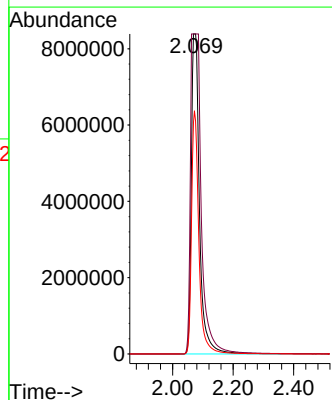
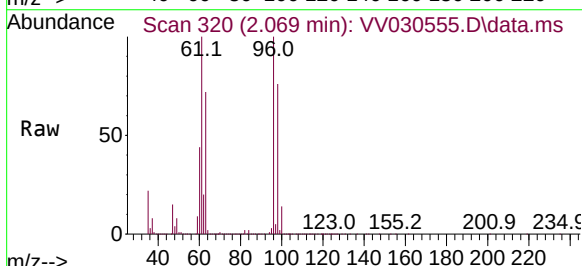
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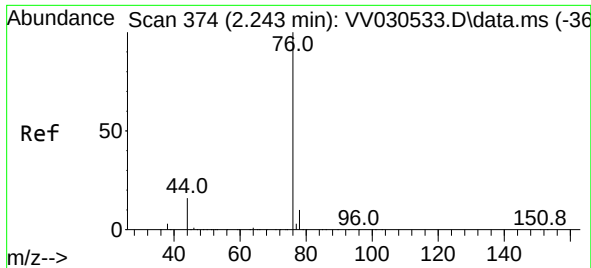
Reviewed By :John Carlone 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023



#12
 1,1-Dichloroethene
 Concen: 1502.905 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV030555.D
 Acq: 13 Apr 2023 19:14

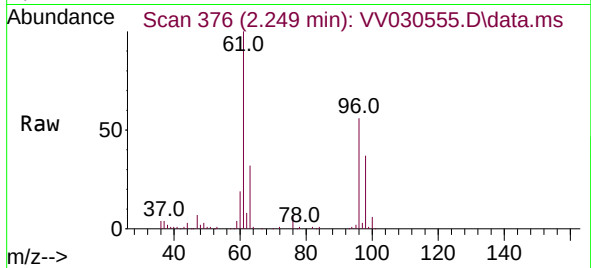
Tgt Ion: 96 Resp:15662194
 Ion Ratio Lower Upper
 96 100
 61 100.0 136.3 253.1#
 63 72.4 92.1 171.1#





#14
Carbon disulfide
Concen: 0.123 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14

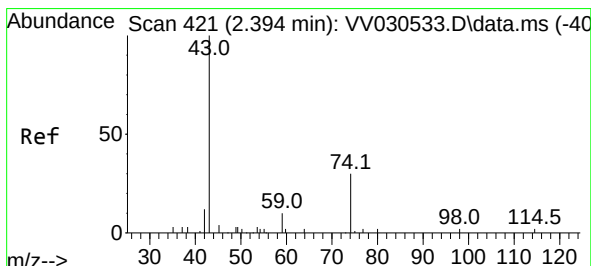
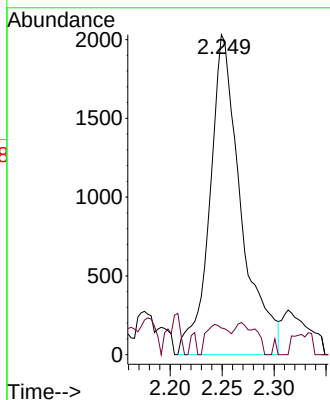
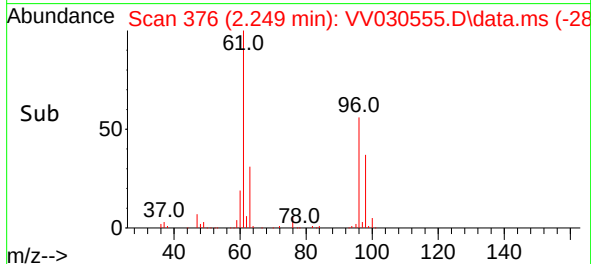
Instrument :
MSVOA_V
ClientSampleId :
C0AC0



Tgt Ion: 76 Resp: 4239
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

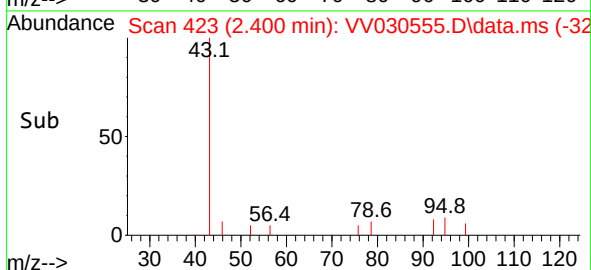
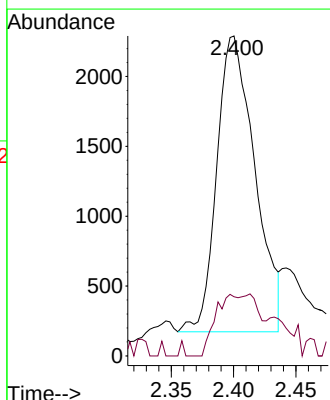
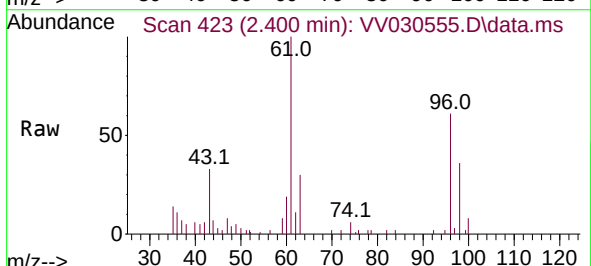
Manual Integrations
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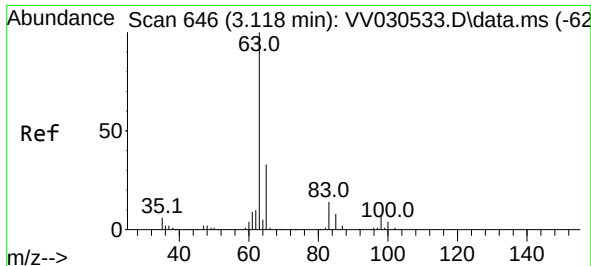
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#15
Methyl Acetate
Concen: 1.235 ug/L
RT: 2.400 min Scan# 423
Delta R.T. 0.006 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14

Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
74 12.6 22.1 33.1#





#19

1,1-Dichloroethane

Concen: 293.203 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030555.D

Acq: 13 Apr 2023 19:14

Instrument :

MSVOA_V

ClientSampleId :

C0AC0

Tgt Ion: 63 Resp: 624044

Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

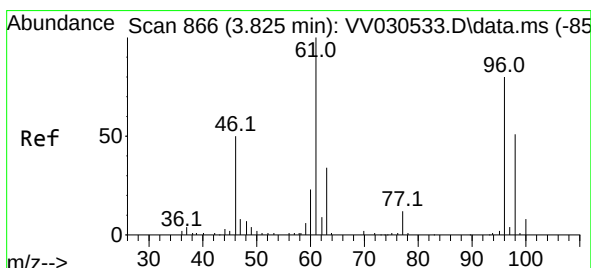
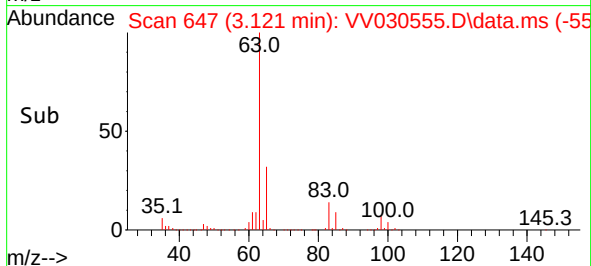
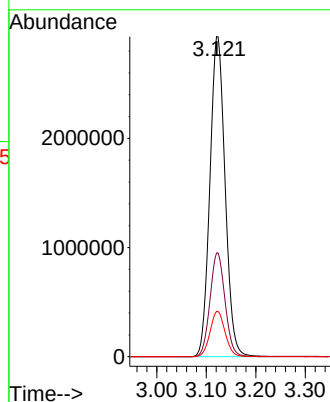
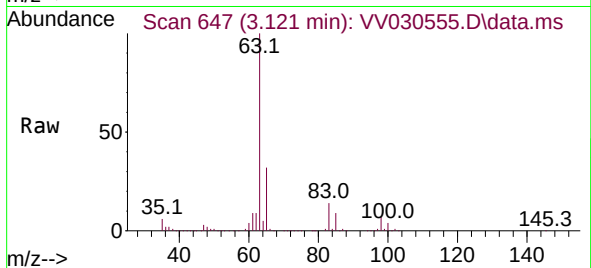
83 14.2 9.1 16.9

Manual Integrations

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Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#22

cis-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030555.D

Acq: 13 Apr 2023 19:14

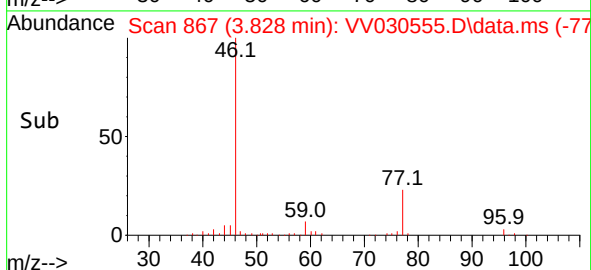
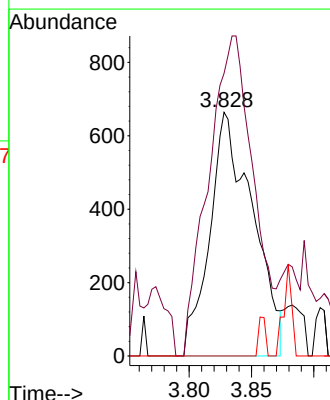
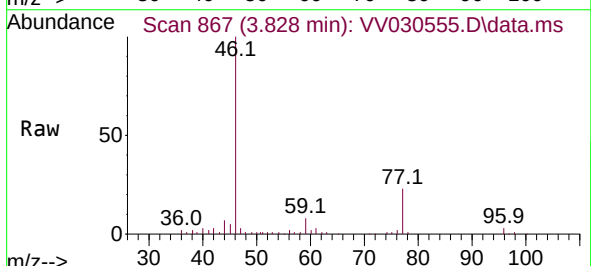
Tgt Ion: 96 Resp: 1596

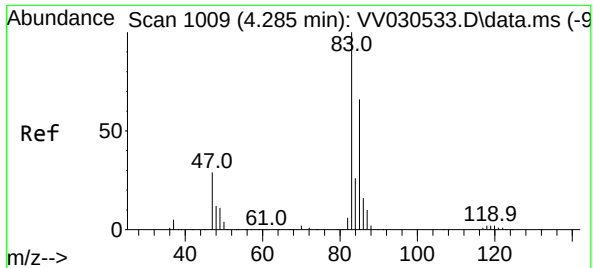
Ion Ratio Lower Upper

96 100

61 116.0 92.0 170.8

68 0.0 0.0 0.0





#25

Chloroform

Concen: 2.262 ug/L

RT: 4.297 min Scan# 1009

Delta R.T. 0.013 min

Lab File: VV030555.D

Acq: 13 Apr 2023 19:14

Instrument :

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ClientSampleId :

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Tgt Ion: 83 Resp: 4865

Ion Ratio Lower Upper

83 100

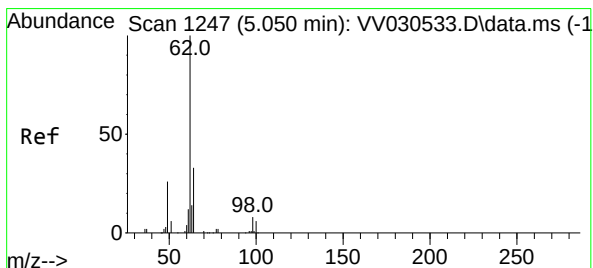
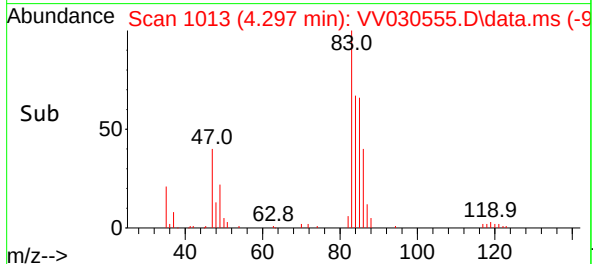
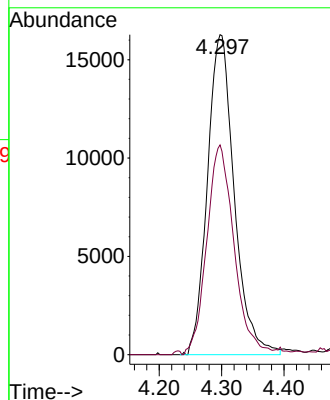
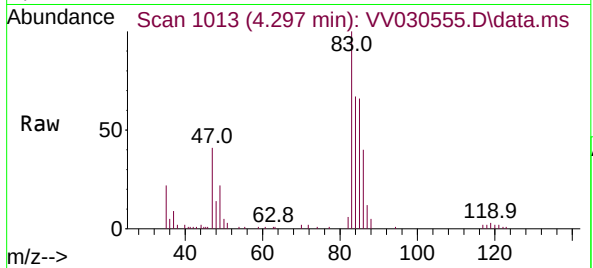
85 65.5 47.6 88.4

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 2.002 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.009 min

Lab File: VV030555.D

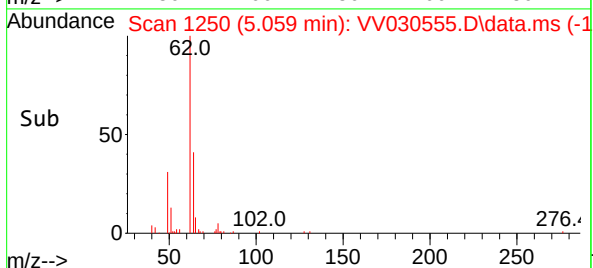
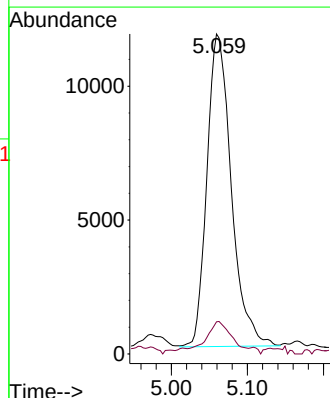
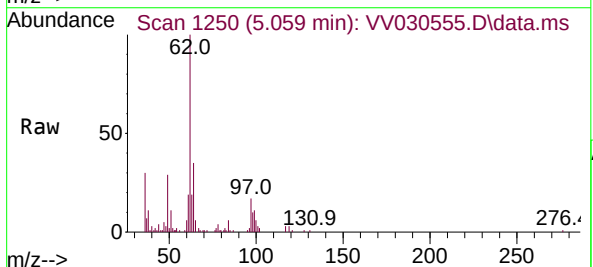
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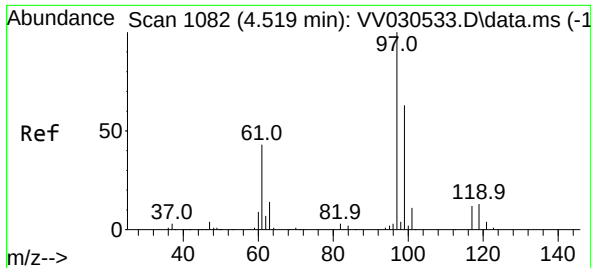
Tgt Ion: 62 Resp: 26032

Ion Ratio Lower Upper

62 100

98 10.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 3341.837 ug/L m

RT: 4.522 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030555.D

Acq: 13 Apr 2023 19:14

Instrument :

MSVOA_V

ClientSampleId :

C0AC0

Tgt Ion: 97 Resp: 6531378

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3

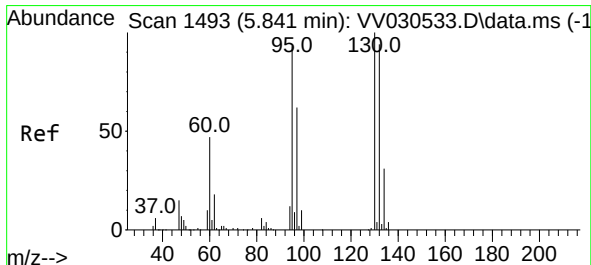
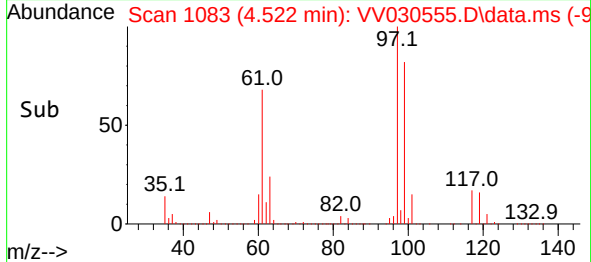
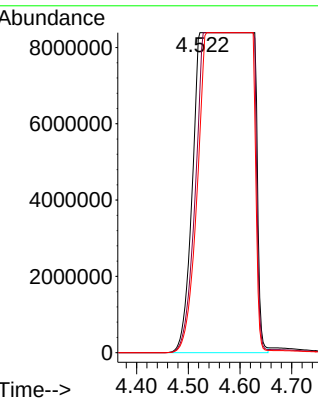
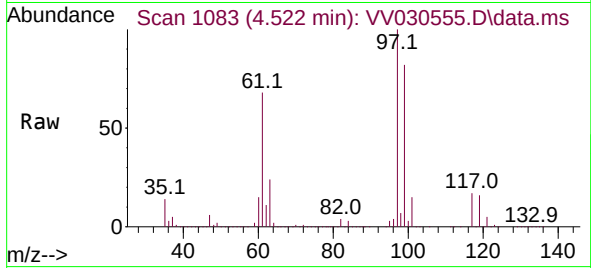
61 0.0 35.9 53.9

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2023



#34

Trichloroethene

Concen: 42.746 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030555.D

Acq: 13 Apr 2023 19:14

Tgt Ion: 95 Resp: 497913

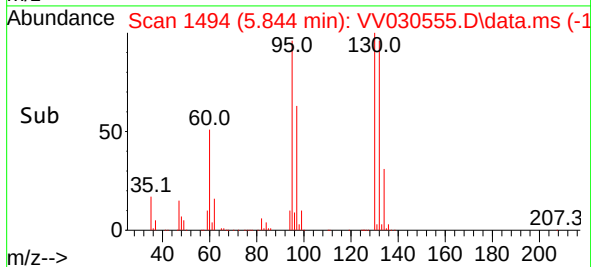
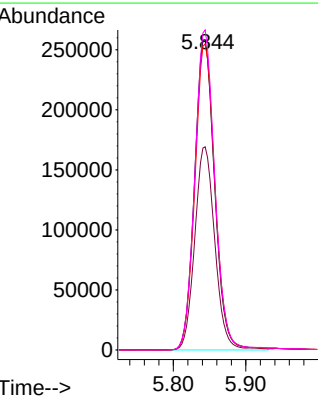
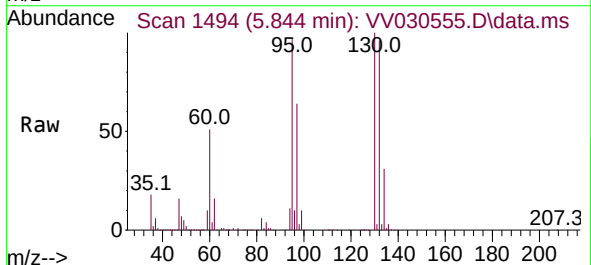
Ion Ratio Lower Upper

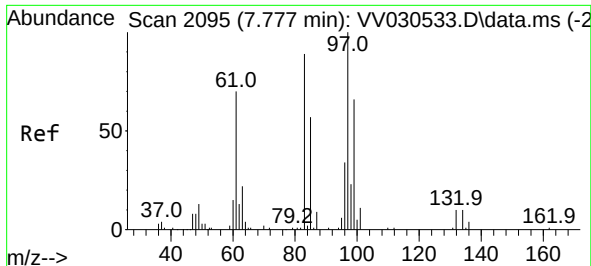
95 100

97 65.5 44.2 82.2

132 98.7 69.5 129.1

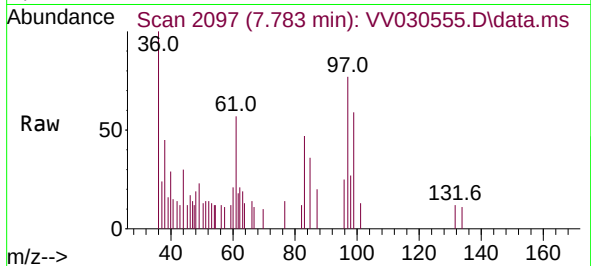
130 103.1 72.2 134.0





#45
1,1,2-Trichloroethane
Concen: 0.175 ug/L
RT: 7.783 min Scan# 2095
Delta R.T. 0.006 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14

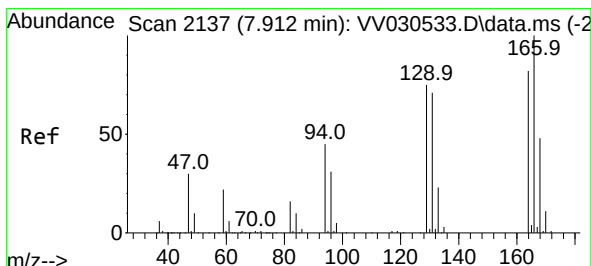
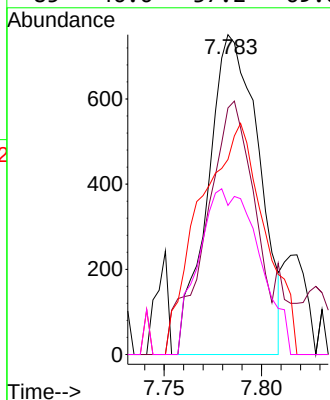
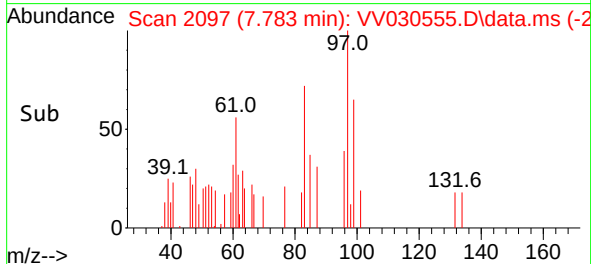
Instrument :
MSVOA_V
ClientSampleId :
C0AC0



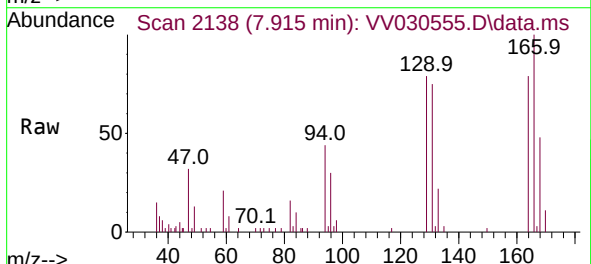
Tgt Ion:	97	Resp:	136
Ion	Ratio	Lower	Upper
97	100		
99	77.1	44.0	81.8
83	61.0	58.8	109.2
85	46.6	37.2	69.0

Manual Integrations
APPROVED

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



#47
Tetrachloroethene
Concen: 0.846 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030555.D
Acq: 13 Apr 2023 19:14



Tgt Ion:	164	Resp:	8702
Ion	Ratio	Lower	Upper
164	100		
129	99.5	60.8	112.8
131	94.5	61.7	114.7
166	126.3	85.6	159.0

