

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030557.D
 Acq On : 13 Apr 2023 20:03
 Operator : SY/MD
 Sample : 02254-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD3

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 05:24:50 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	5.545	114	116410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	111639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	46100	5.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.600%
7) Chloroethane-d5	1.535	69	37158	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.072	63	4927734	269.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5387.000%#
20) 2-Butanone-d5	3.815	46	89684	45.005	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	4.265	84	78819	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.957	65	43328	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.973	84	142379	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.998	67	44914	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.252	98	114405	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.564	79	14816	3.995	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.034	63	65120	43.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33001	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	41794	4.502	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	8084	0.433	ug/L	98
5) Vinyl chloride	1.285	62	5460	0.401	ug/L #	81
9) Trichlorofluoromethane	1.719	101	18936	0.954	ug/L	96
12) 1,1-Dichloroethene	2.072	96	7525612	773.714	ug/L #	62
13) Acetone	2.137	43	7786	4.086	ug/L	83
15) Methyl Acetate	2.397	43	1660	0.487	ug/L #	84
19) 1,1-Dichloroethane	3.121	63	1203520	60.585	ug/L	98
25) Chloroform	4.288	83	13358	0.665	ug/L	89
27) 1,2-Dichloroethane	5.059	62	13763	1.134	ug/L	98
29) 1,1,1-Trichloroethane	4.522	97	30687565m	1710.225	ug/L	
34) Trichloroethene	5.844	95	92603	8.659	ug/L	97
45) 1,1,2-Trichloroethane	7.783	97	1586	0.221	ug/L #	84
47) Tetrachloroethene	7.918	164	4741	0.502	ug/L	95

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

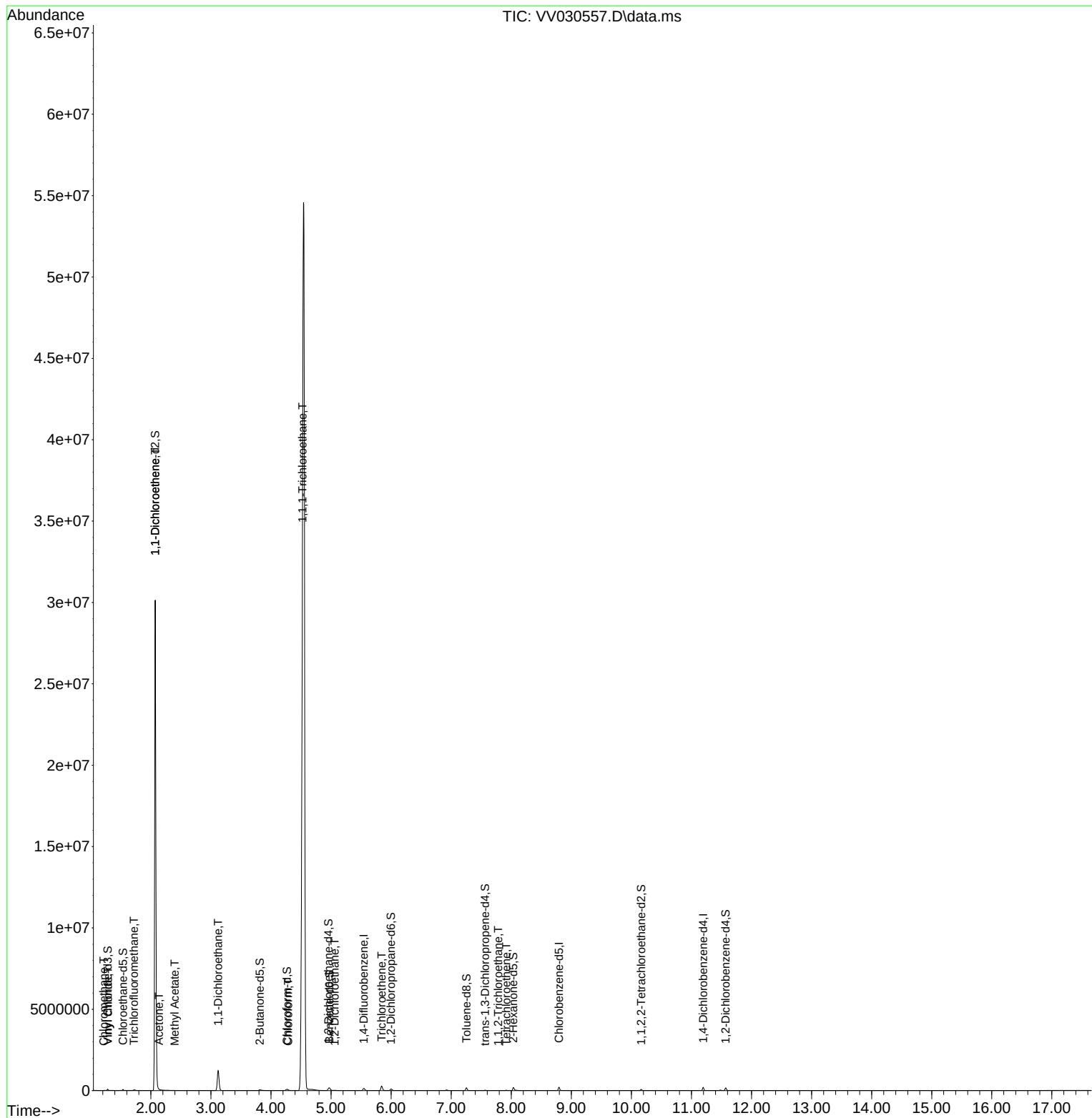
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Data File : VV030557.D
Acq On : 13 Apr 2023 20:03
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Sample : 02254-20
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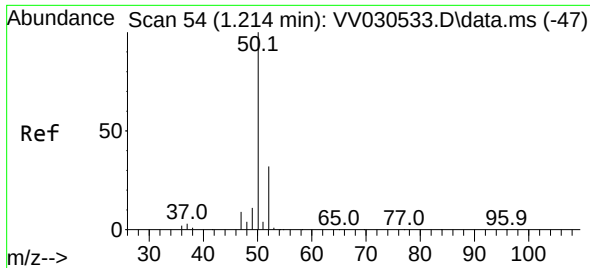
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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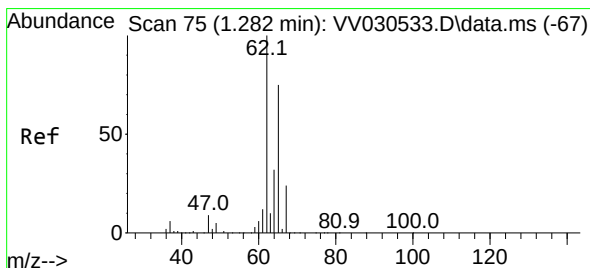
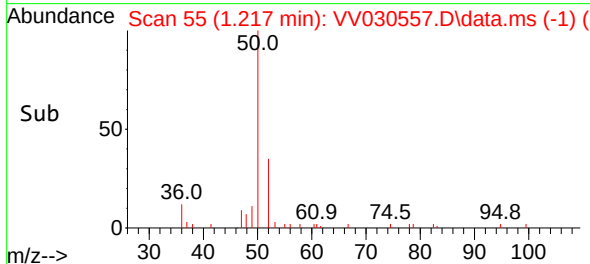
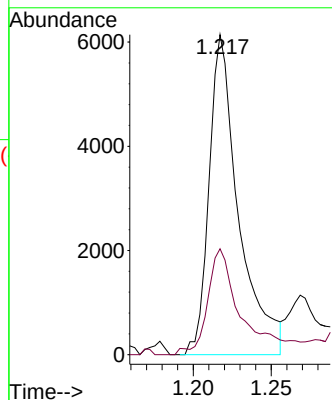
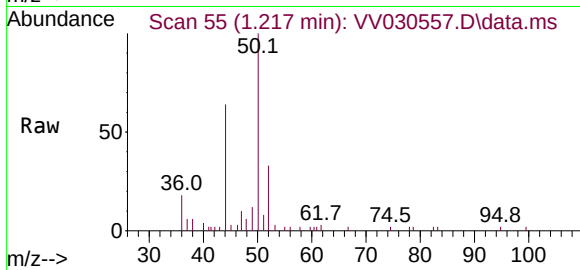
#3
Chloromethane
Concen: 0.433 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

Instrument :
MSVOA_V
ClientSampleId :
C0AD3

Tgt Ion: 50 Resp: 8084
Ion Ratio Lower Upper
50 100
52 33.1 22.3 41.5

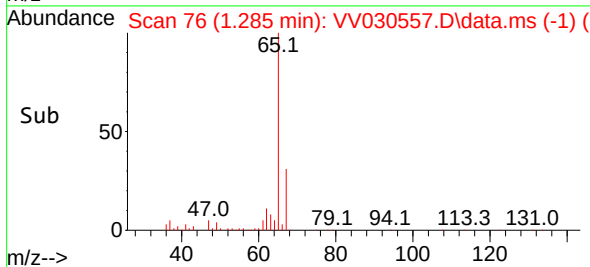
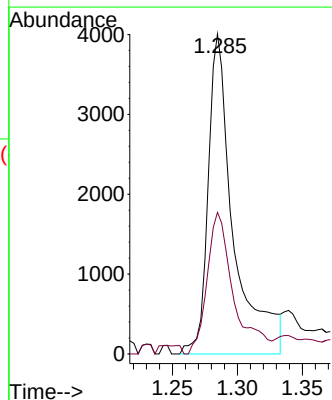
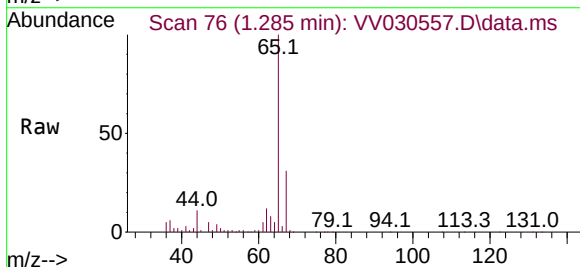
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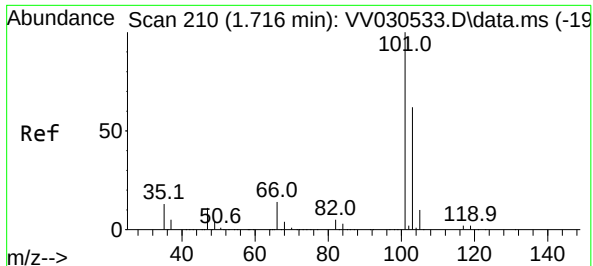
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#5
Vinyl chloride
Concen: 0.401 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

Tgt Ion: 62 Resp: 5460
Ion Ratio Lower Upper
62 100
64 44.2 23.2 43.2#





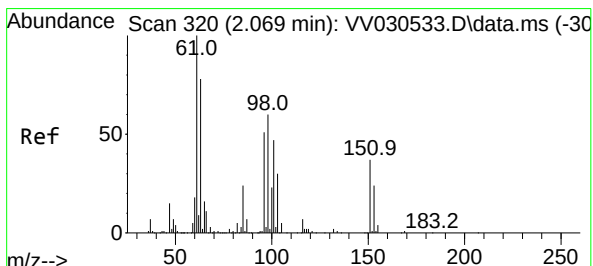
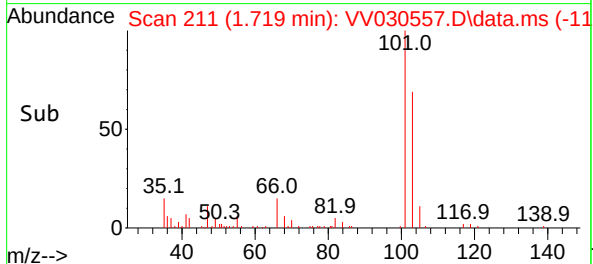
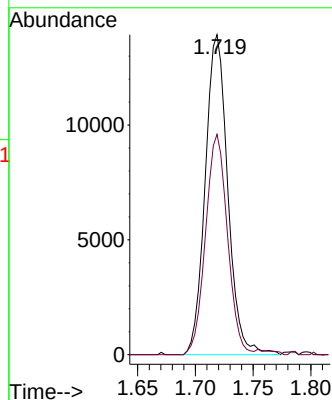
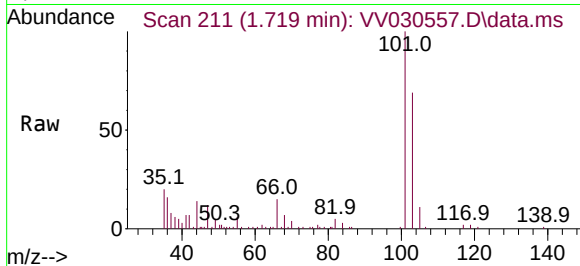
#9
Trichlorofluoromethane
Concen: 0.954 ug/L
RT: 1.719 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

Instrument :
MSVOA_V
ClientSampleId :
C0AD3

Tgt Ion:101 Resp: 18930
Ion Ratio Lower Upper
101 100
103 67.0 51.0 76.6

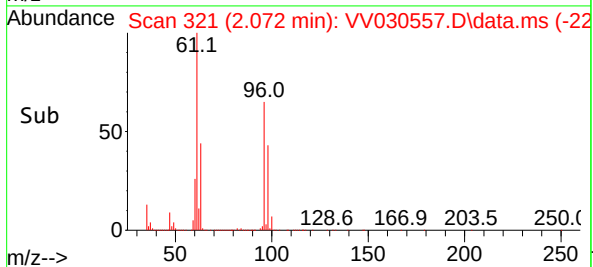
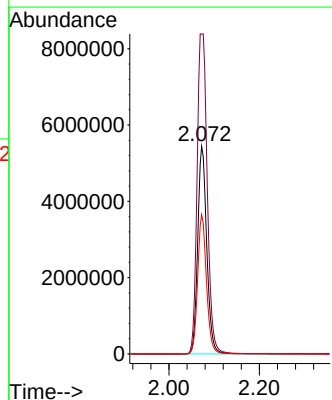
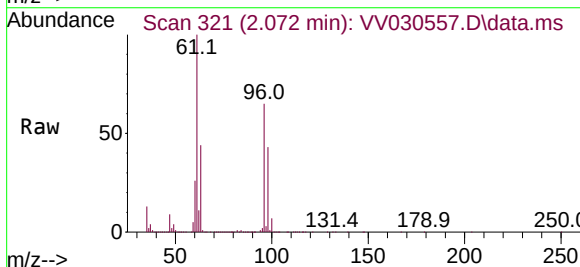
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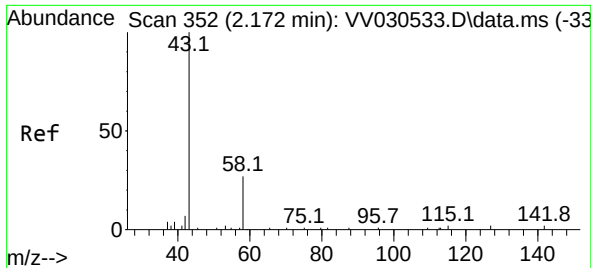
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#12
1,1-Dichloroethene
Concen: 773.714 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

Tgt Ion: 96 Resp: 7525612
Ion Ratio Lower Upper
96 100
61 154.1 136.3 253.1
63 67.1 92.1 171.1#





#13

Acetone

Concen: 4.086 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.035 min

Lab File: VV030557.D

Acq: 13 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

C0AD3

Tgt Ion: 43 Resp: 7780

Ion Ratio Lower Upper

43 100

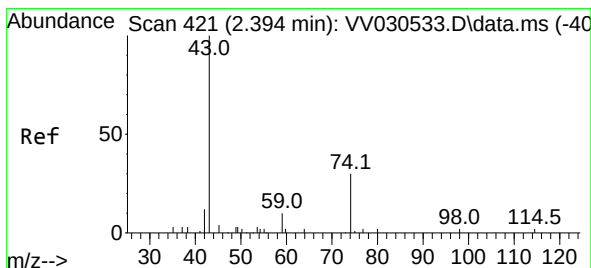
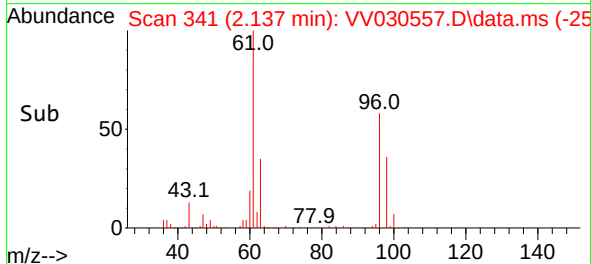
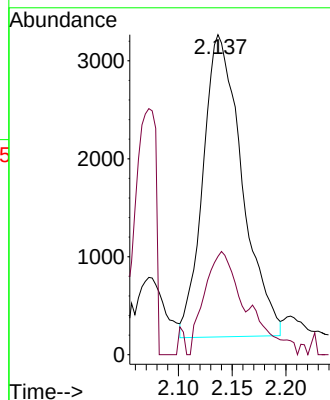
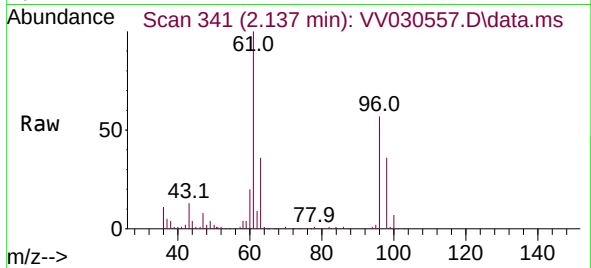
58 28.4 0.0 40.8

Manual Integrations

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Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#15

Methyl Acetate

Concen: 0.487 ug/L

RT: 2.397 min Scan# 422

Delta R.T. 0.003 min

Lab File: VV030557.D

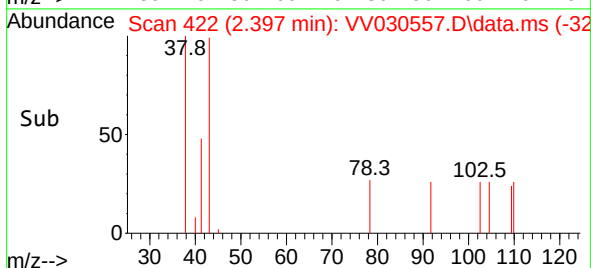
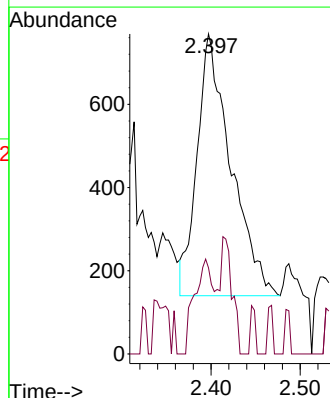
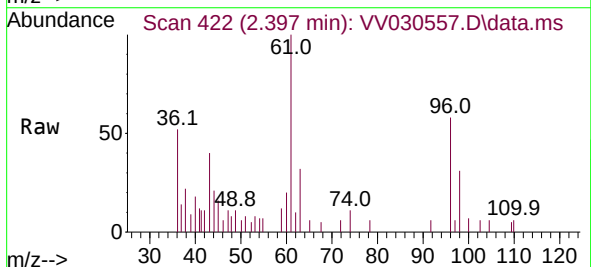
Acq: 13 Apr 2023 20:03

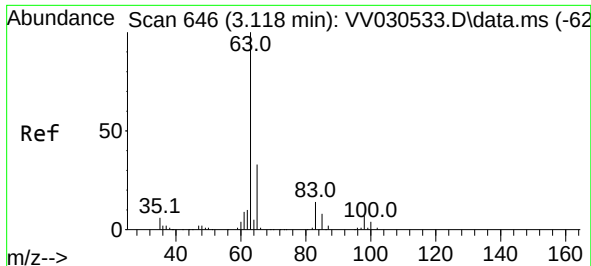
Tgt Ion: 43 Resp: 1660

Ion Ratio Lower Upper

43 100

74 19.3 22.1 33.1#





#19

1,1-Dichloroethane

Concen: 60.585 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030557.D

Acq: 13 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

C0AD3

Tgt Ion: 63 Resp: 1203520

Ion Ratio Lower Upper

63 100

65 31.9 21.7 40.3

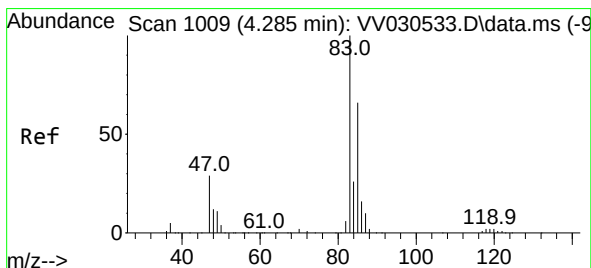
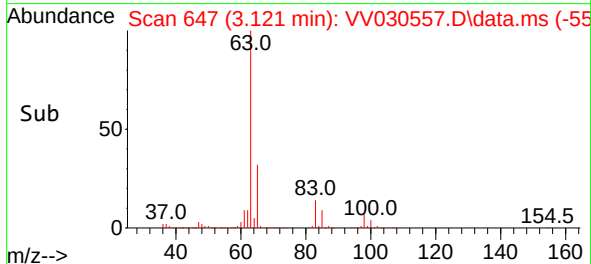
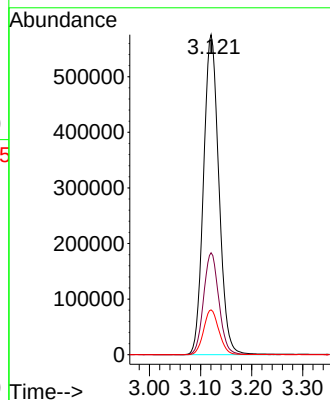
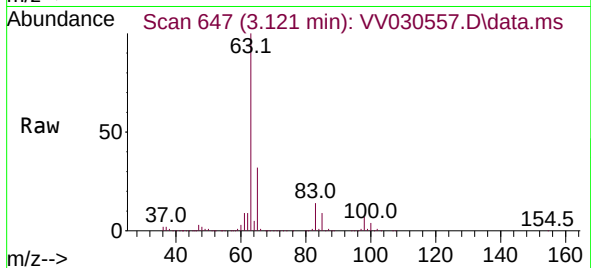
83 14.0 9.1 16.9

Manual Integrations

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Reviewed By :John Carlone 04/14/2023

Supervised By :Mahesh Dadoda 04/14/2023



#25

Chloroform

Concen: 0.665 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. 0.003 min

Lab File: VV030557.D

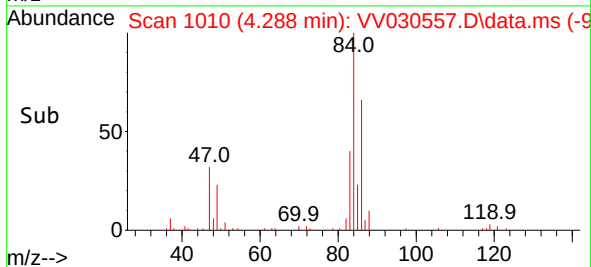
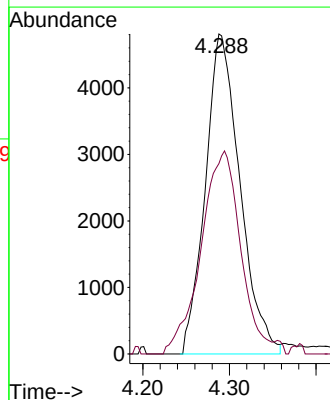
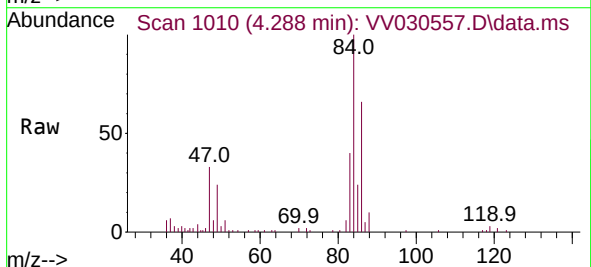
Acq: 13 Apr 2023 20:03

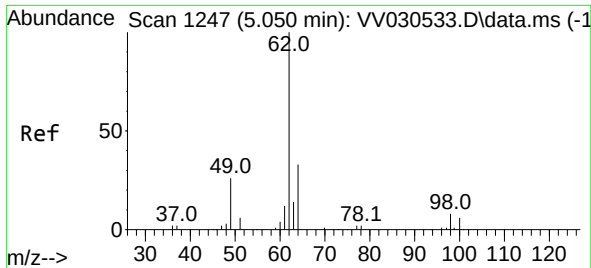
Tgt Ion: 83 Resp: 13358

Ion Ratio Lower Upper

83 100

85 59.5 47.6 88.4





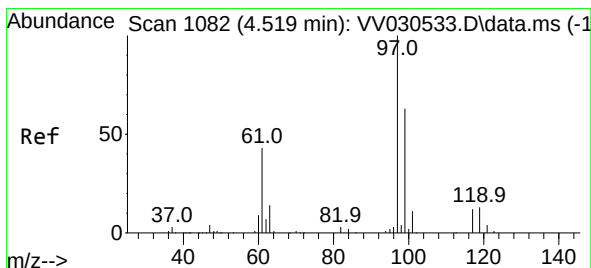
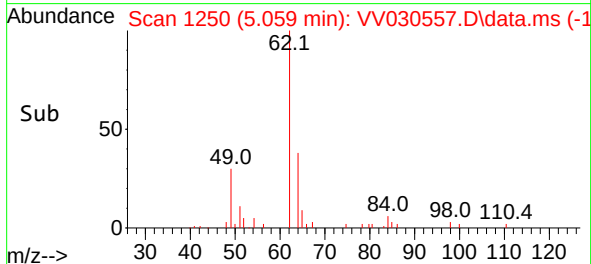
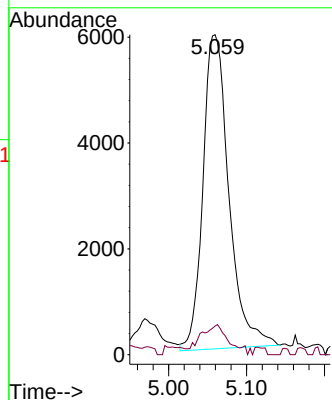
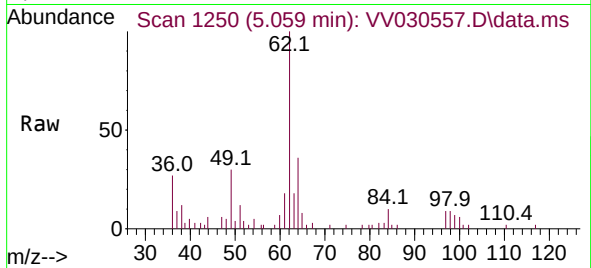
#27
1,2-Dichloroethane
Concen: 1.134 ug/L
RT: 5.059 min Scan# 1247
Delta R.T. 0.010 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

Instrument :
MSVOA_V
ClientSampleId :
C0AD3

Tgt Ion: 62 Resp: 1376
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.8

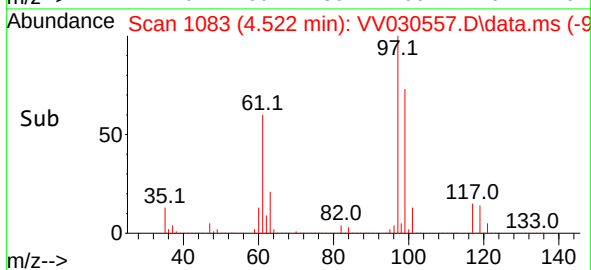
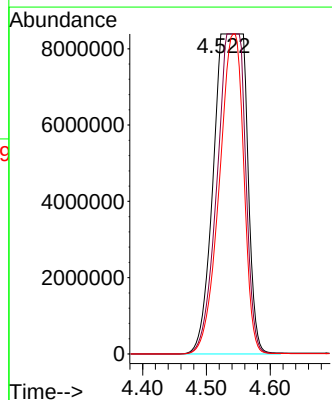
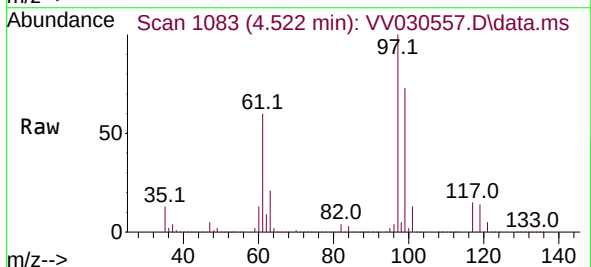
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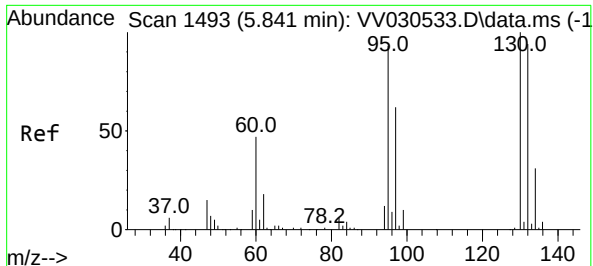
Reviewed By :John Carlone 04/14/2023
Supervised By :Mahesh Dadoda 04/14/2023



#29
1,1,1-Trichloroethane
Concen: 1710.225 ug/L m
RT: 4.522 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

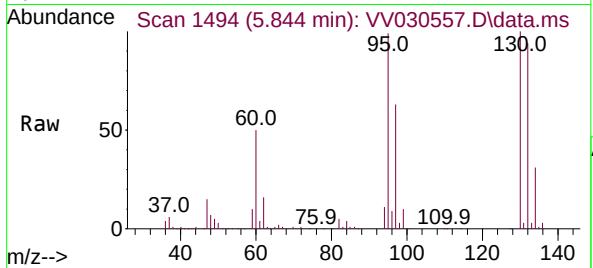
Tgt Ion: 97 Resp:30687565
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 0.0 35.9 53.9#





#34
Trichloroethene
Concen: 8.659 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03

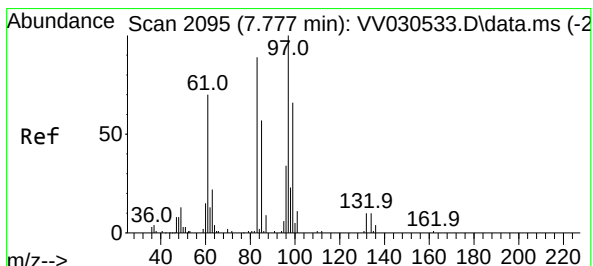
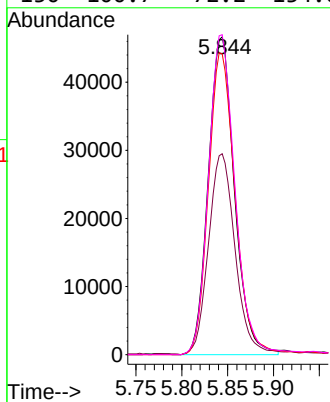
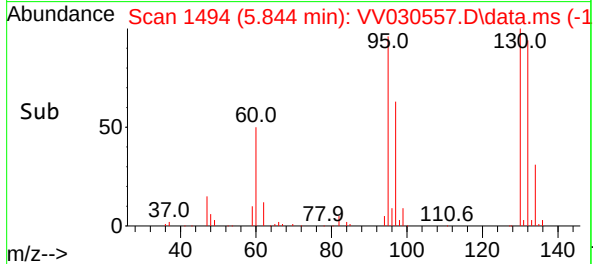
Instrument :
MSVOA_V
ClientSampleId :
C0AD3



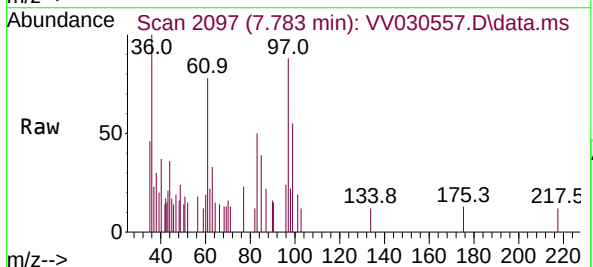
Tgt Ion: 95 Resp: 9260
Ion Ratio Lower Upper
95 100
97 63.2 44.2 82.2
132 94.7 69.5 129.1
130 100.7 72.2 134.0

Manual Integrations
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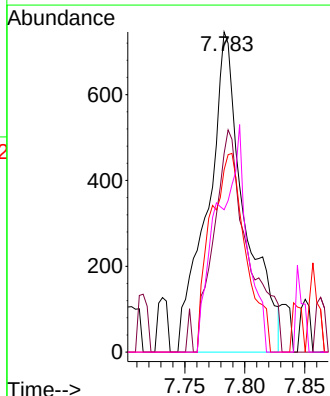
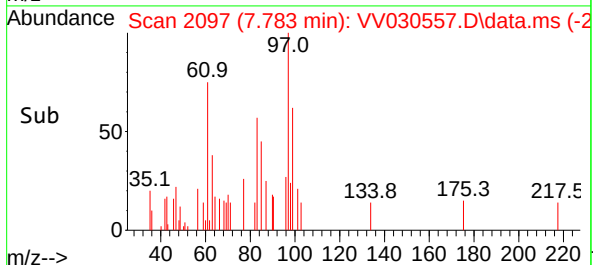
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Supervised By :Mahesh Dadoda 04/14/2023

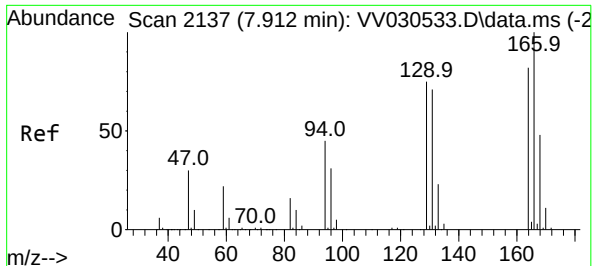


#45
1,1,2-Trichloroethane
Concen: 0.221 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.006 min
Lab File: VV030557.D
Acq: 13 Apr 2023 20:03



Tgt Ion: 97 Resp: 1586
Ion Ratio Lower Upper
97 100
99 62.1 44.0 81.8
83 57.0 58.8 109.2#
85 44.5 37.2 69.0





#47

Tetrachloroethene

Concen: 0.502 ug/L

RT: 7.918 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV030557.D

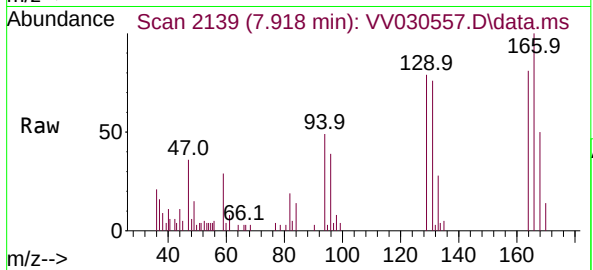
Acq: 13 Apr 2023 20:03

Instrument :

MSVOA_V

ClientSampleId :

C0AD3



Tgt Ion:164 Resp: 474

Ion Ratio Lower Upper

164 100

129 97.4 60.8 112.8

131 93.1 61.7 114.7

166 122.8 85.6 159.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/14/2023

