

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
 Data File : VV030666.D
 Acq On : 19 Apr 2023 15:46
 Operator : SY/MD
 Sample : 02360-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ3

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/20/2023
 Supervised By :Mahesh Dadoda 04/20/2023

Quant Time: Apr 20 01:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	222247	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	213950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	104280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51301	31.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.980%		
7) Chloroethane-d5	1.536	69	48475	35.505	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.020%		
11) 1,1-Dichloroethene-d2	2.066	65	26719	34.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.160%		
21) 2-Butanone-d5	3.796	46	94925	106.076	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.080%		
24) Chloroform-d	4.262	84	129964	44.017	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
26) 1,2-Dichloroethane-d4	4.950	65	90626	47.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.480%		
32) Benzene-d6	4.969	84	223910	44.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.540%		
36) 1,2-Dichloropropane-d6	5.998	67	76200	48.496	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.000%		
41) Toluene-d8	7.252	98	194439	40.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.880%		
43) trans-1,3-Dichloroprop...	7.561	79	34355	43.380	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.760%		
47) 2-Hexanone-d5	8.034	63	56974	92.045	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.040%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	111457	48.885	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.760%		
66) 1,2-Dichlorobenzene-d4	11.570	152	84244	50.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.660%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	4972	2.889	ug/L	94
12) 1,1-Dichloroethene	2.076	96	12766m	8.203	ug/L	
19) 1,1-Dichloroethane	3.121	63	4360m	1.361	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	47107	27.565	ug/L	95
25) Chloroform	4.291	83	7001	2.112	ug/L	94
30) 1,1,1-Trichloroethane	4.523	97	151450	50.377	ug/L	100
34) Trichloroethene	5.841	95	1044319	617.965	ug/L	98
51) Chlorobenzene	8.825	112	10934	2.372	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	7242	2.109	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	5064	1.542	ug/L	96

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

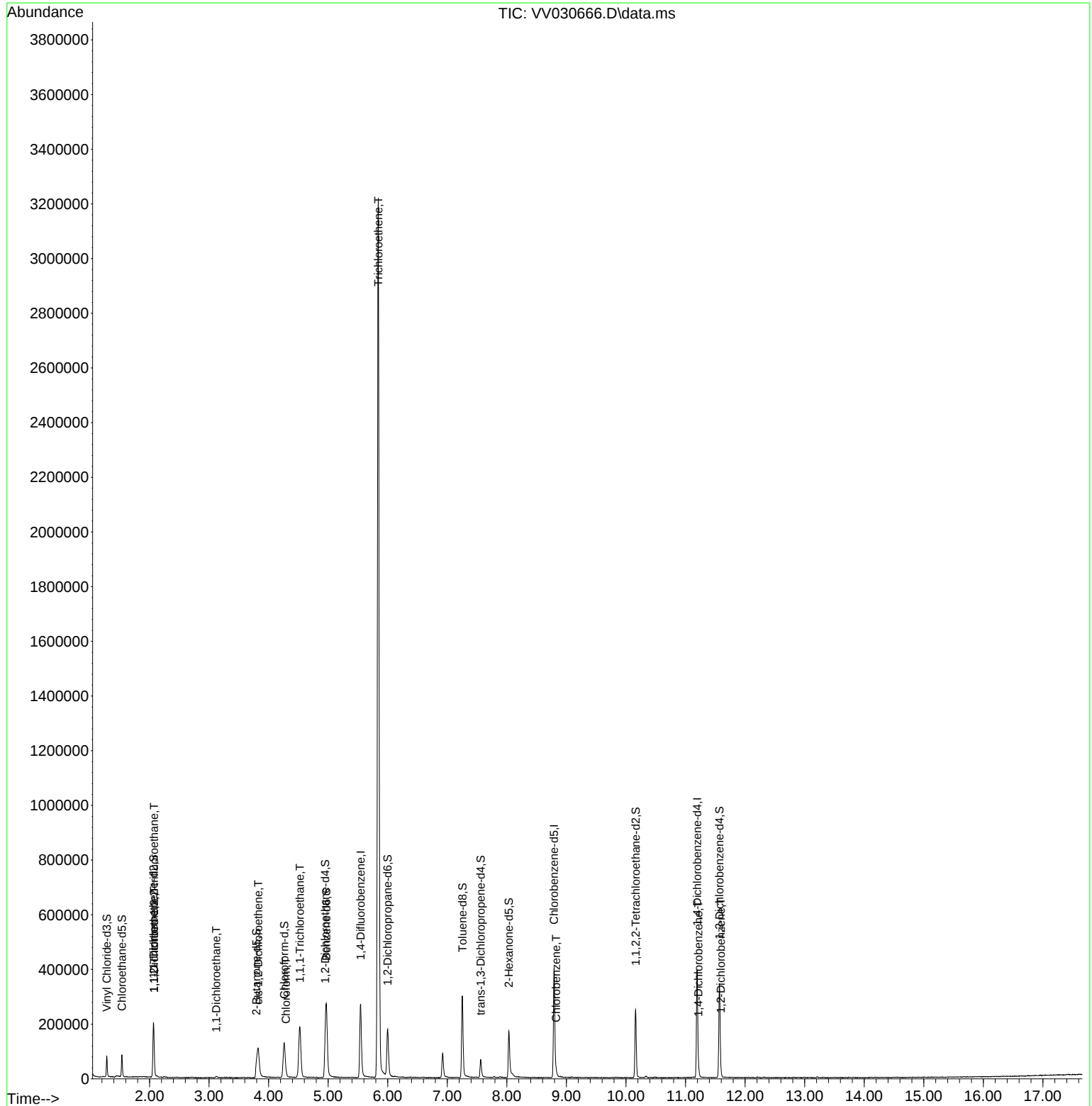
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041923\
Data File : VV030666.D
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Operator : SY/MD
Sample : 02360-20
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

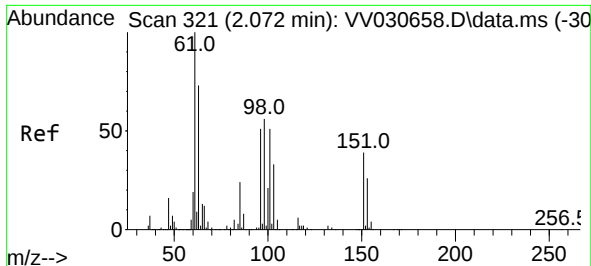
Instrument :
MSVOA_V
ClientSampleId :
C0AQ3

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.889 ug/L

RT: 2.076 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

C0AQ3

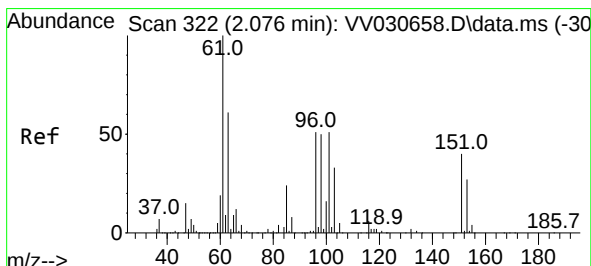
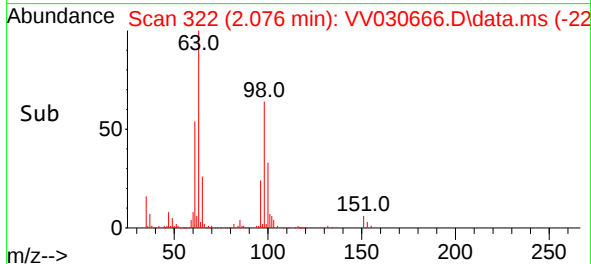
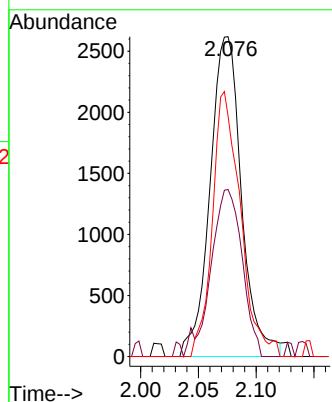
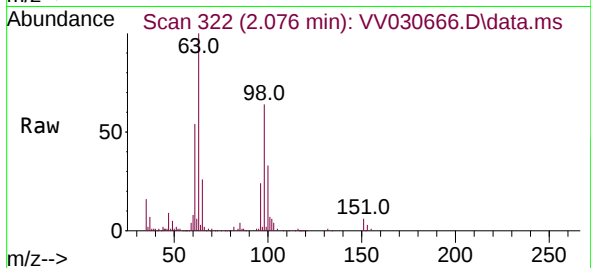
Tgt Ion:	101	Resp:	4972
Ion Ratio	Lower	Upper	
101	100		
85	49.9	37.5	56.3
151	72.9	63.5	95.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/20/2023



#12

1,1-Dichloroethene

Concen: 8.203 ug/L m

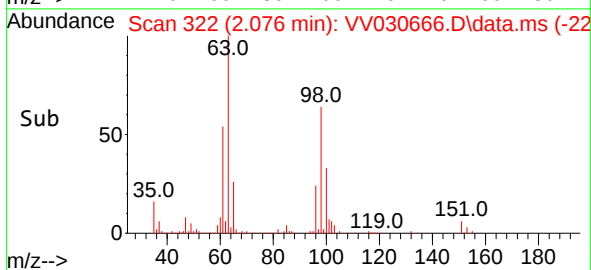
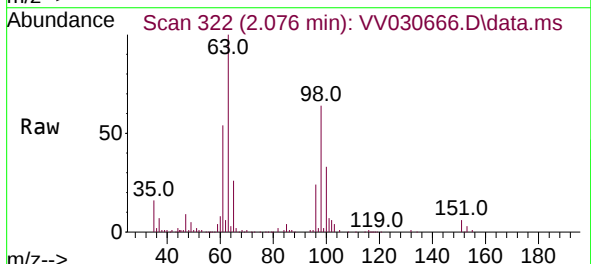
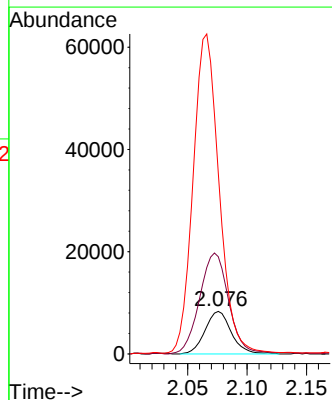
RT: 2.076 min Scan# 322

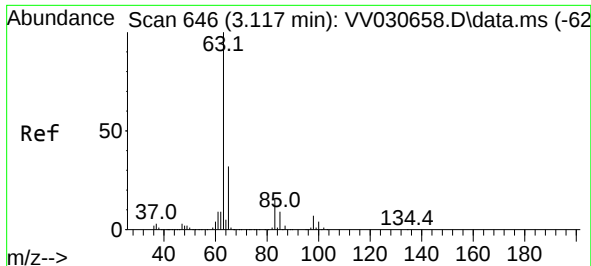
Delta R.T. 0.000 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Tgt Ion:	96	Resp:	12766
Ion Ratio	Lower	Upper	
96	100		
61	228.4	131.9	245.0
63	425.2	99.8	185.3





#19

1,1-Dichloroethane

Concen: 1.361 ug/L m

RT: 3.121 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV030666.D

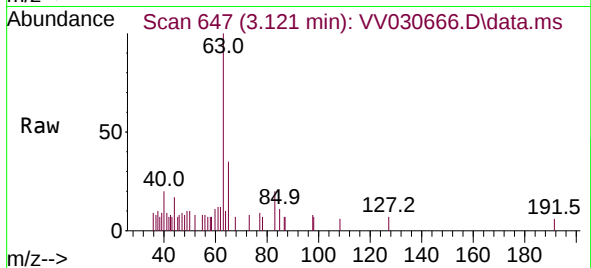
Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

C0AQ3



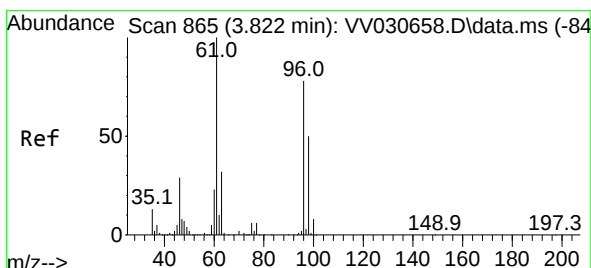
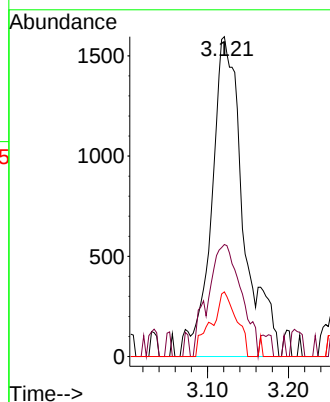
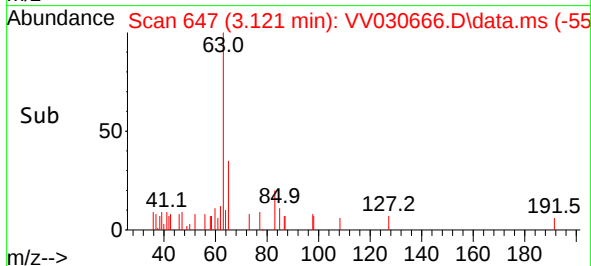
Tgt Ion:	63	Resp:	4360
Ion Ratio	Lower	Upper	
63	100		
65	35.0	21.8	40.6
83	20.2	10.2	19.0

Manual Integrations

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Supervised By :Mahesh Dadoda 04/20/2023



#20

cis-1,2-Dichloroethene

Concen: 27.565 ug/L

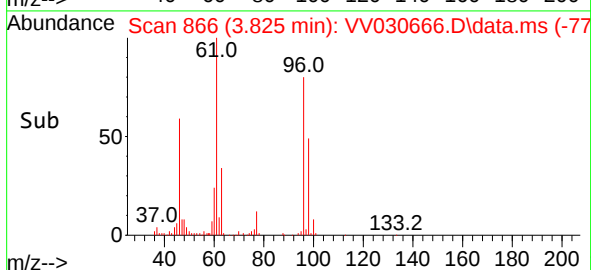
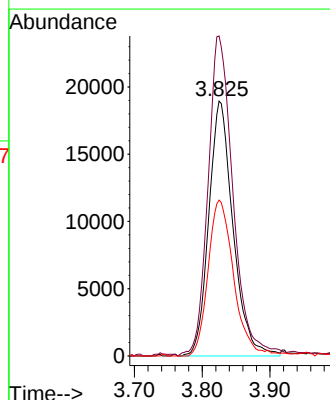
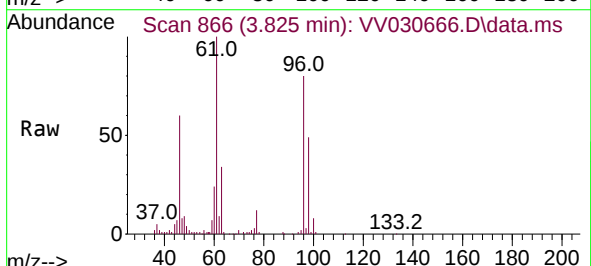
RT: 3.825 min Scan# 866

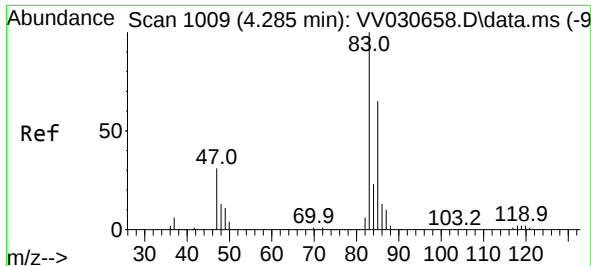
Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Tgt Ion:	96	Resp:	47107
Ion Ratio	Lower	Upper	
96	100		
61	125.6	92.3	171.3
98	61.1	45.9	85.3





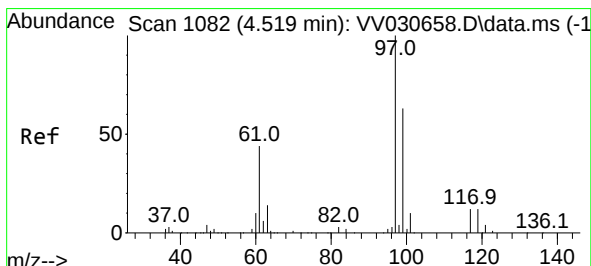
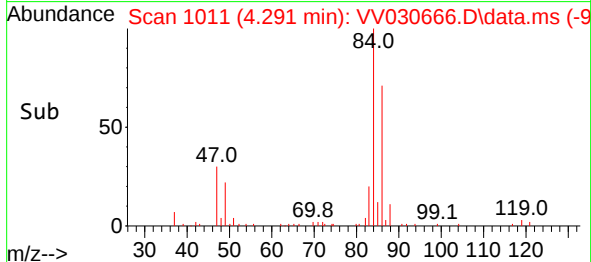
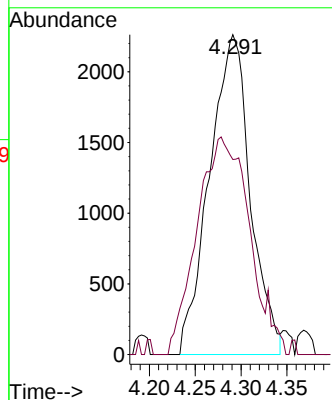
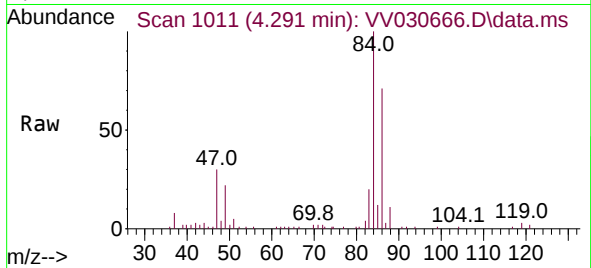
#25
Chloroform
Concen: 2.112 ug/L
RT: 4.291 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

Instrument :
MSVOA_V
ClientSampleId :
C0AQ3

Tgt Ion: 83 Resp: 700
Ion Ratio Lower Upper
83 100
85 61.0 45.8 85.2

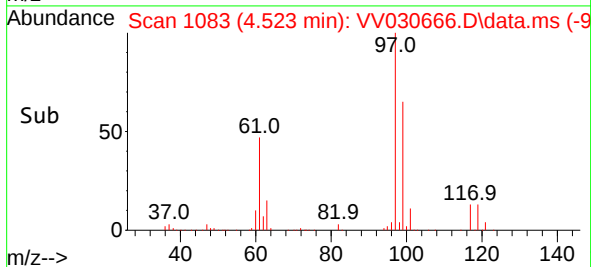
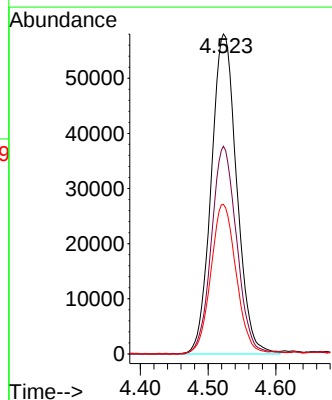
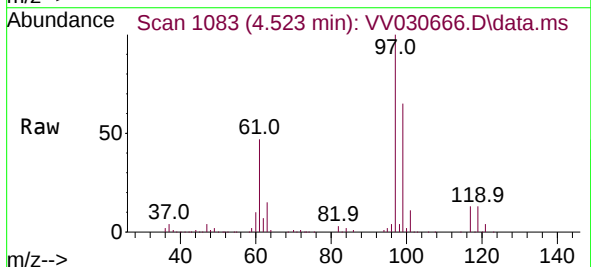
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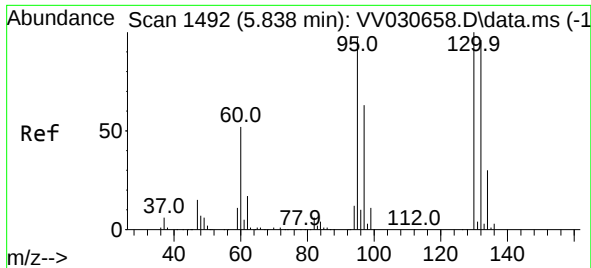
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023



#30
1,1,1-Trichloroethane
Concen: 50.377 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

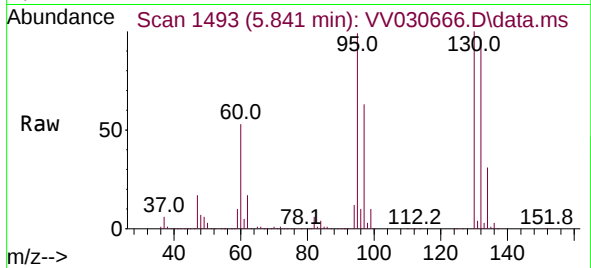
Tgt Ion: 97 Resp: 151450
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.4 37.0 55.6





#34
Trichloroethene
Concen: 617.965 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

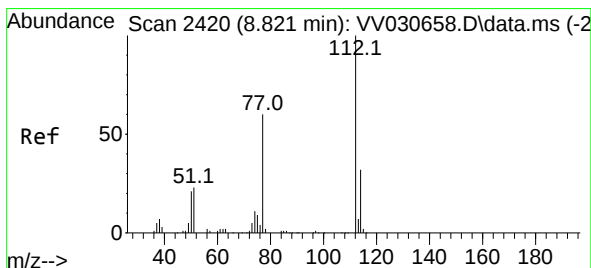
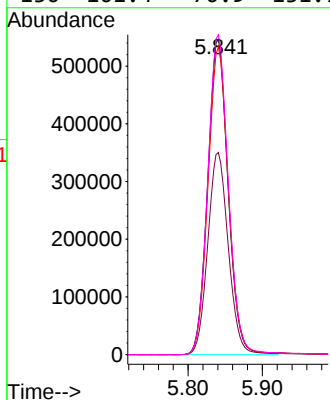
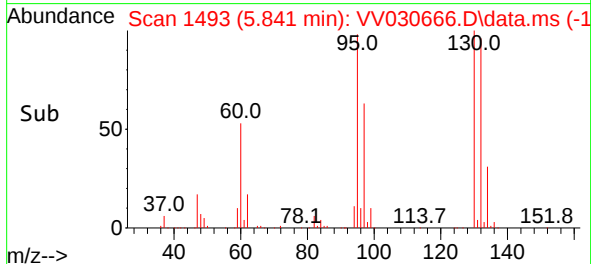
Instrument :
MSVOA_V
ClientSampleId :
C0AQ3



Tgt Ion: 95 Resp: 1044319
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 97.5 70.6 131.2
130 101.4 70.9 131.7

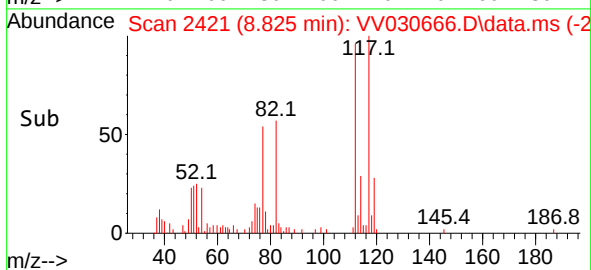
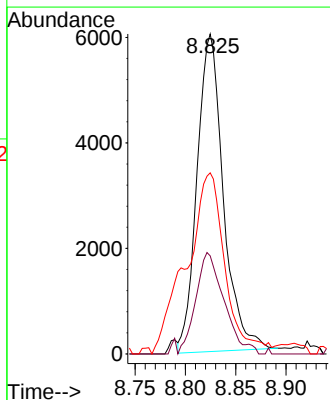
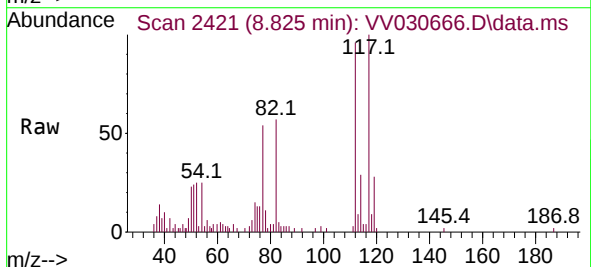
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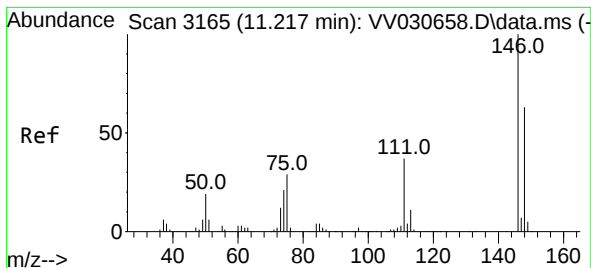
Reviewed By :Krupa Patel 04/20/2023
Supervised By :Mahesh Dadoda 04/20/2023



#51
Chlorobenzene
Concen: 2.372 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030666.D
Acq: 19 Apr 2023 15:46

Tgt Ion:112 Resp: 10934
Ion Ratio Lower Upper
112 100
114 30.6 22.4 41.6
77 56.6 47.4 71.0





#65

1,4-Dichlorobenzene

Concen: 2.109 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Instrument :

MSVOA_V

ClientSampleId :

C0AQ3

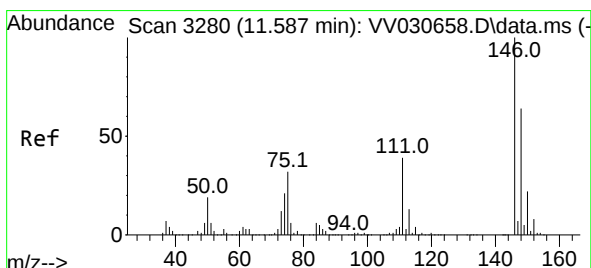
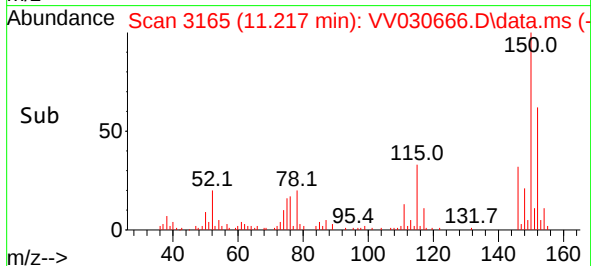
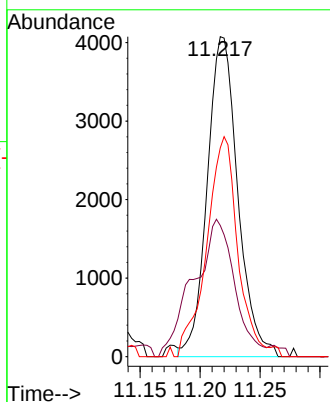
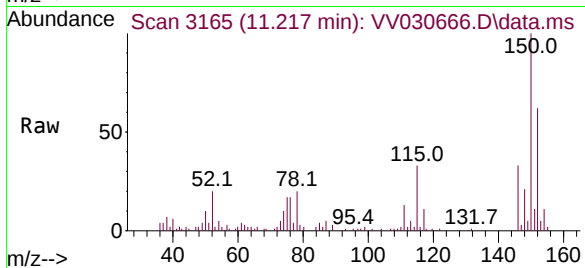
Tgt Ion:146	Resp:	724
Ion Ratio	Lower	Upper
146	100	
111	41.0	26.5 49.1
148	65.2	44.7 83.1

Manual Integrations

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Reviewed By :Krupa Patel 04/20/2023

Supervised By :Mahesh Dadoda 04/20/2023



#67

1,2-Dichlorobenzene

Concen: 1.542 ug/L

RT: 11.590 min Scan# 3281

Delta R.T. 0.003 min

Lab File: VV030666.D

Acq: 19 Apr 2023 15:46

Tgt Ion:146	Resp:	5064
Ion Ratio	Lower	Upper
146	100	
111	44.1	32.0 48.0
148	62.1	50.6 76.0

