

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031122.D
 Acq On : 19 May 2023 21:27
 Operator : SY/MD
 Sample : 02866-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX91

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 20 00:38:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	264451	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252540	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	116345	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	92998	41.149	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.300%		
7) Chloroethane-d5	1.536	69	88144	50.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.260%		
11) 1,1-Dichloroethene-d2	2.063	65	45572	43.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.000%		
21) 2-Butanone-d5	3.799	46	111119	92.271	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.270%		
24) Chloroform-d	4.256	84	176543	44.155	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
26) 1,2-Dichloroethane-d4	4.947	65	124157	45.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.900%		
32) Benzene-d6	4.966	84	316893	46.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
36) 1,2-Dichloropropane-d6	5.995	67	98352	48.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.020%		
41) Toluene-d8	7.249	98	274405	42.945	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.900%		
43) trans-1,3-Dichloroprop...	7.558	79	46198	44.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.900%		
47) 2-Hexanone-d5	8.034	63	67563	84.594	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.590%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	130126	42.354	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.700%		
66) 1,2-Dichlorobenzene-d4	11.567	152	106079	50.738	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.480%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	11097	5.937	ug/L	99
6) Bromomethane	1.494	94	3029	3.237	ug/L	99
12) 1,1-Dichloroethene	2.072	96	19773m	13.460	ug/L	
13) Acetone	2.130	43	5628	3.595	ug/L	90
17) trans-1,2-Dichloroethene	2.703	96	8227	6.057	ug/L	95
20) cis-1,2-Dichloroethene	3.818	96	594882	355.303	ug/L	95
34) Trichloroethene	5.841	95	5909742	3645.475	ug/L	96
45) 1,1,2-Trichloroethane	7.783	97	1417	0.780	ug/L	97
46) Tetrachloroethene	7.915	164	4681	3.363	ug/L	91

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

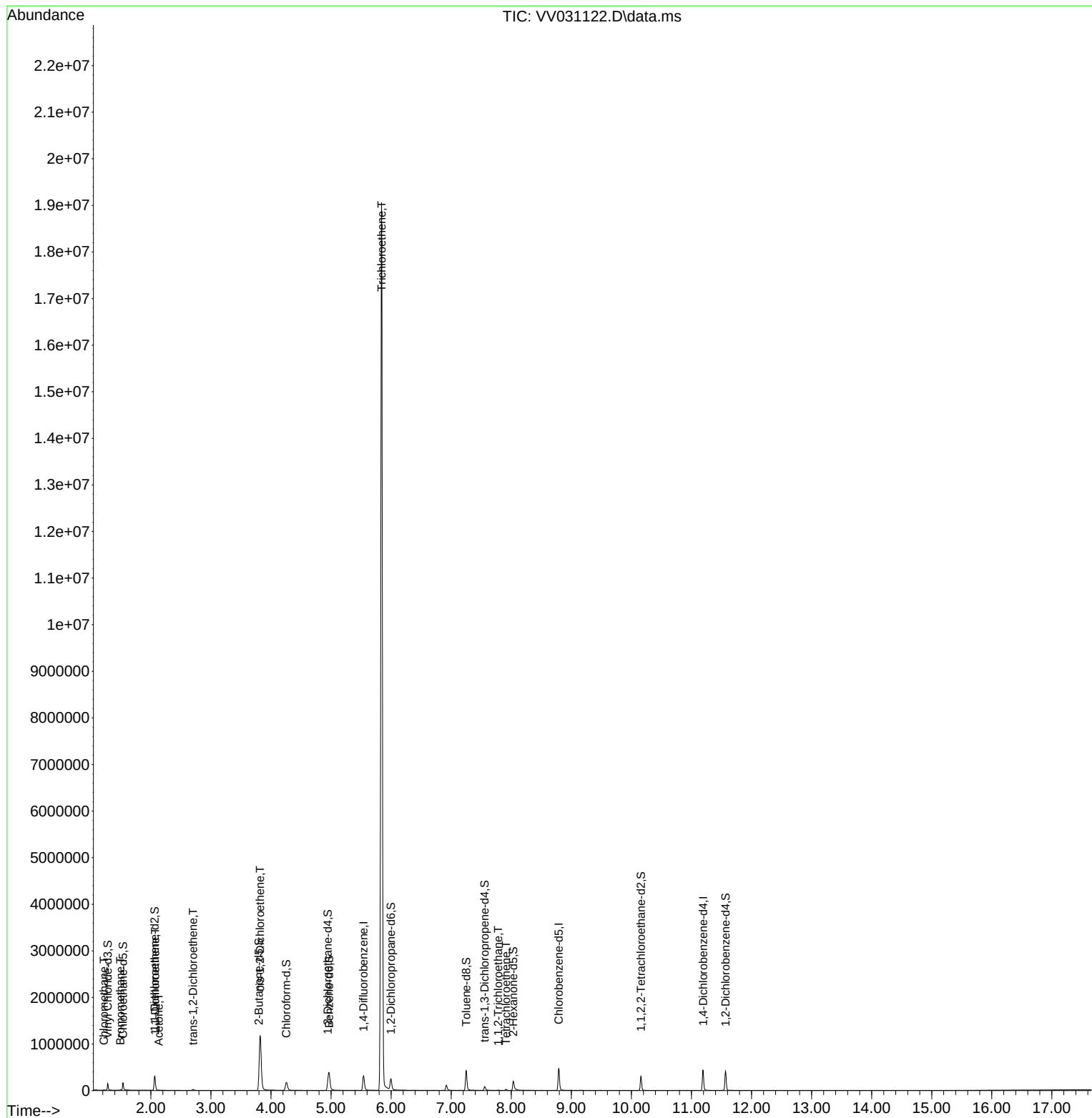
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031122.D
Acq On : 19 May 2023 21:27
Operator : SY/MD
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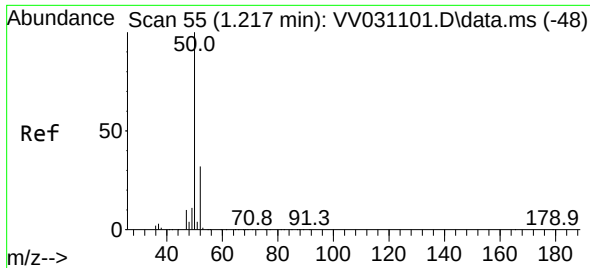
Instrument :
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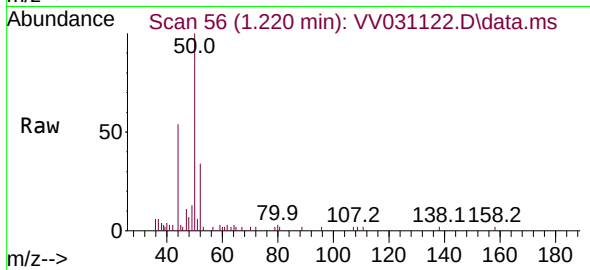
Quant Time: May 20 00:38:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 5.937 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

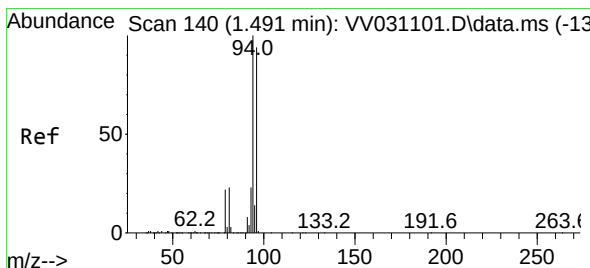
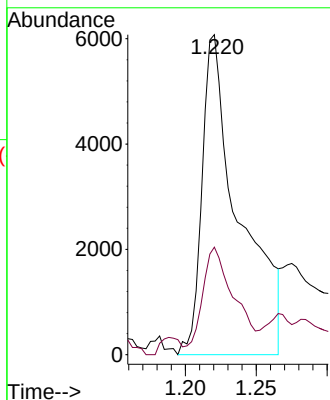
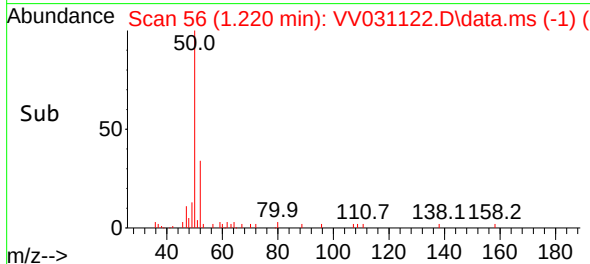
Instrument :
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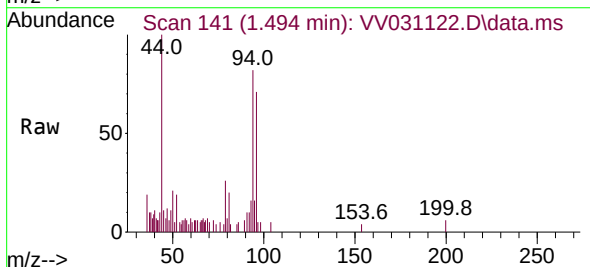
Tgt Ion: 50 Resp: 1109
Ion Ratio Lower Upper
50 100
52 33.6 23.3 43.3

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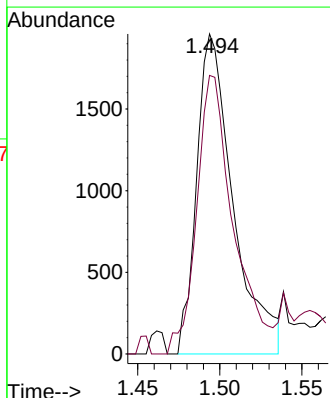
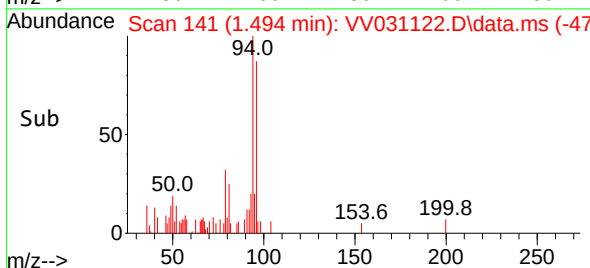
Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

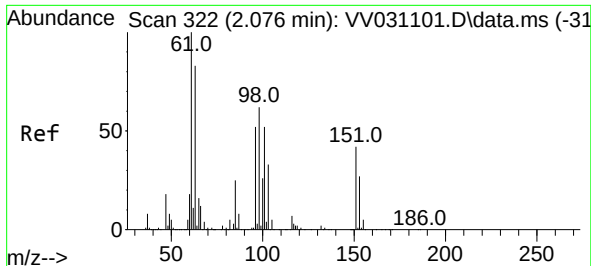


#6
Bromomethane
Concen: 3.237 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27



Tgt Ion: 94 Resp: 3029
Ion Ratio Lower Upper
94 100
96 92.6 63.9 118.7





#12

1,1-Dichloroethene

Concen: 13.460 ug/L m

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

GBX91

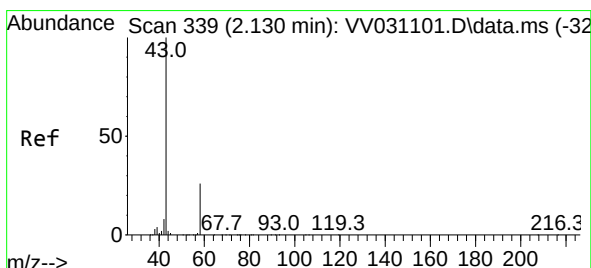
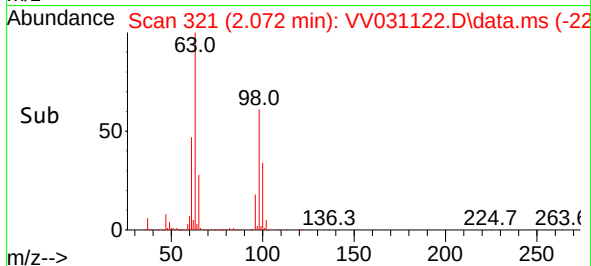
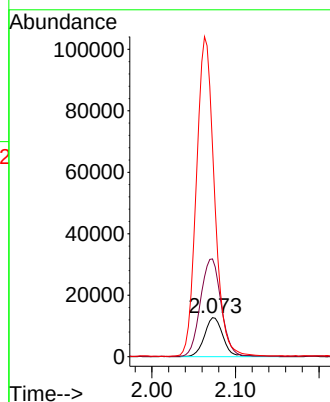
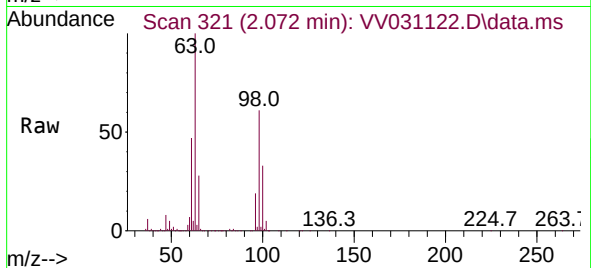
Tgt Ion: 96 Resp: 1977
 Ion Ratio Lower Upper
 96 100
 61 250.7 137.9 256.1
 63 538.5 114.2 212.0

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#13

Acetone

Concen: 3.595 ug/L

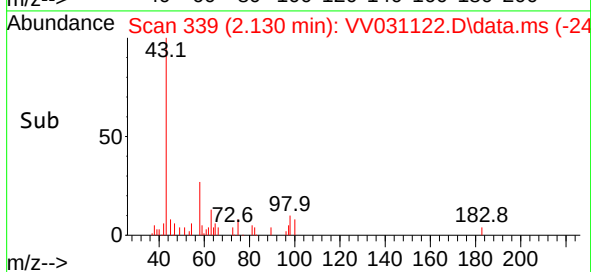
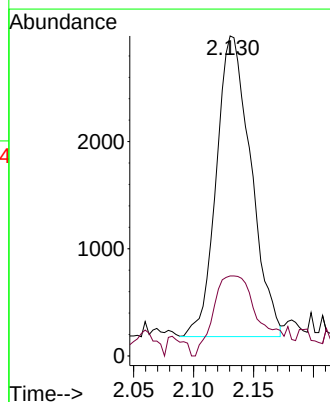
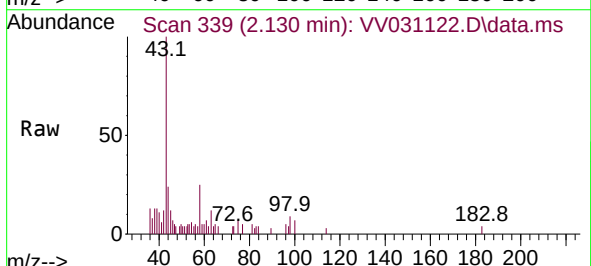
RT: 2.130 min Scan# 339

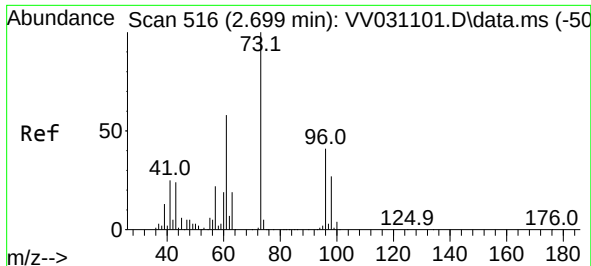
Delta R.T. 0.000 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Tgt Ion: 43 Resp: 5628
 Ion Ratio Lower Upper
 43 100
 58 32.3 0.0 54.0





#17

trans-1,2-Dichloroethene

Concen: 6.057 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

GBX91

Tgt Ion: 96 Resp: 822

Ion Ratio Lower Upper

96 100

61 134.7 100.0 185.6

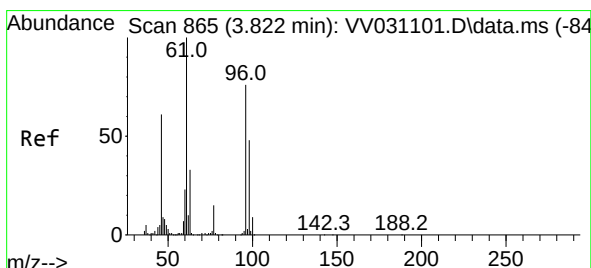
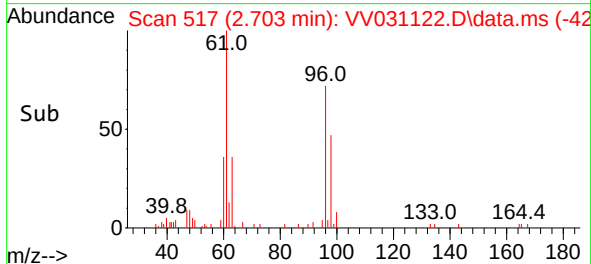
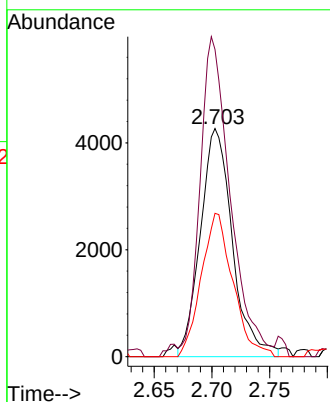
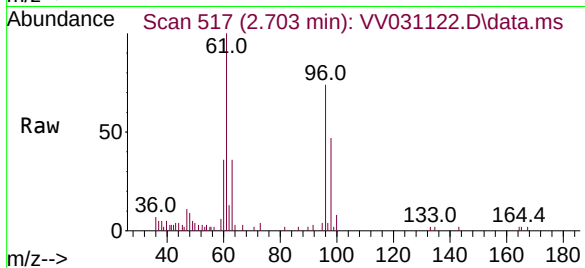
98 62.8 45.4 84.2

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#20

cis-1,2-Dichloroethene

Concen: 355.303 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV031122.D

Acq: 19 May 2023 21:27

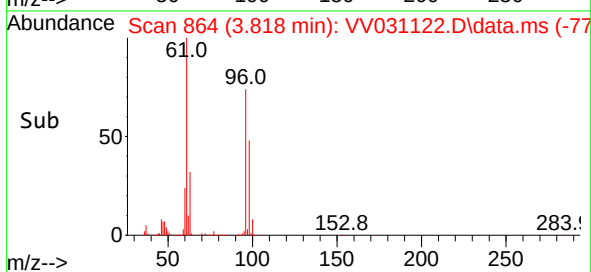
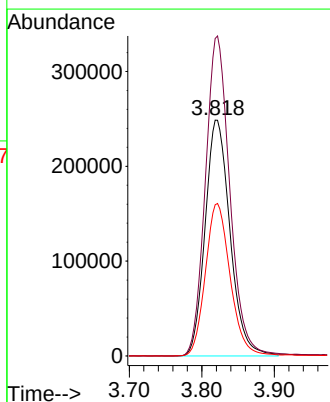
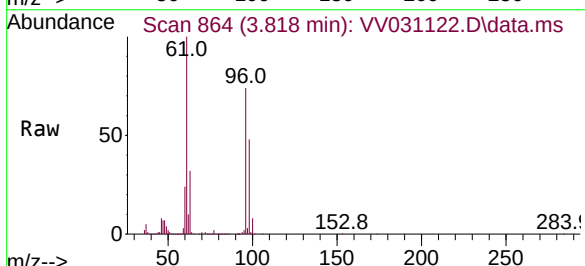
Tgt Ion: 96 Resp: 594882

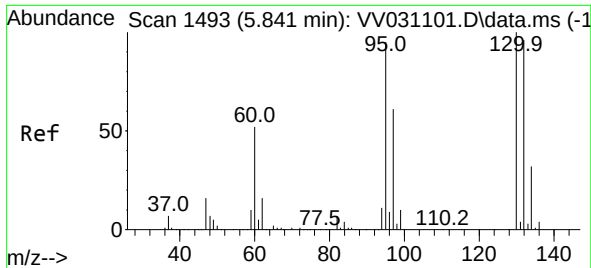
Ion Ratio Lower Upper

96 100

61 134.6 89.2 165.6

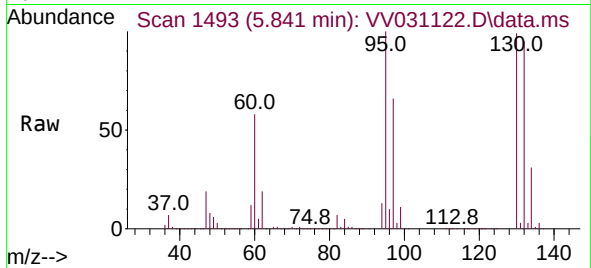
98 64.1 43.0 80.0





#34
Trichloroethene
Concen: 3645.475 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

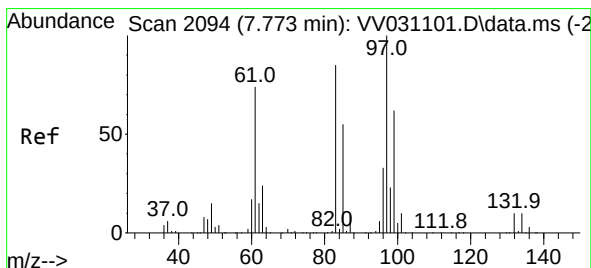
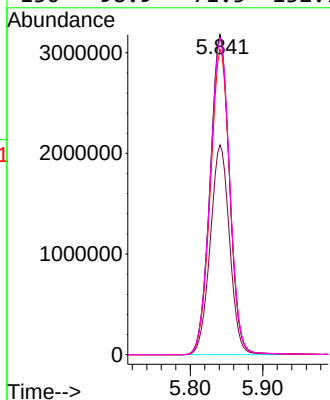
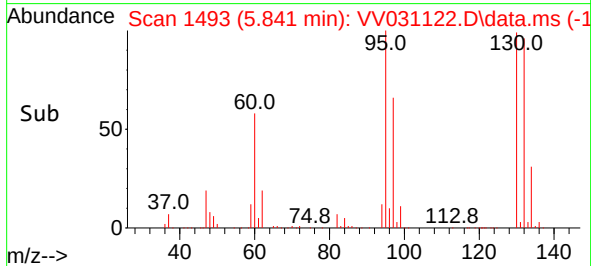
Instrument :
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ClientSampleId :
GBX91



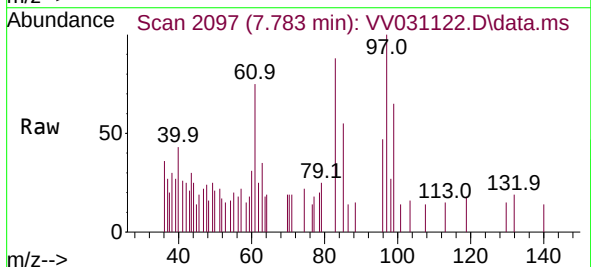
Tgt Ion: 95 Resp: 590974
Ion Ratio Lower Upper
95 100
97 65.6 44.4 82.5
132 95.4 70.2 130.4
130 98.9 71.5 132.7

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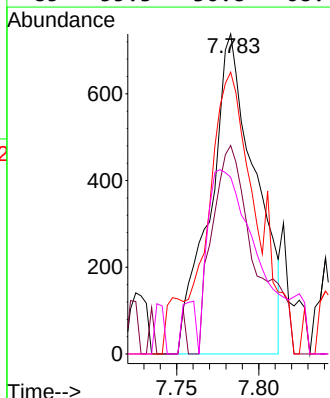
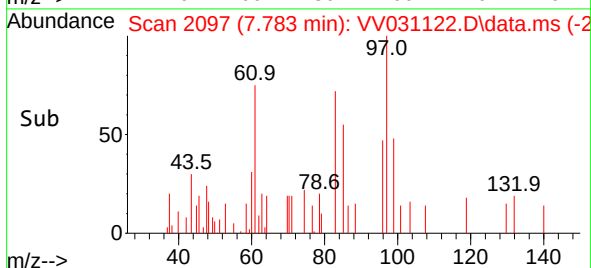
Reviewed By :Krupa Patel 05/25/2023
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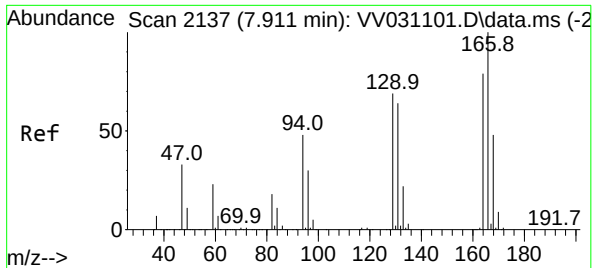


#45
1,1,2-Trichloroethane
Concen: 0.780 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.010 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27



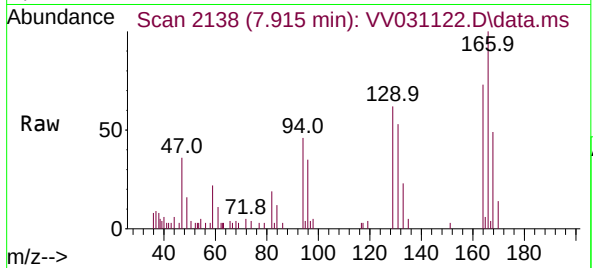
Tgt Ion: 97 Resp: 1417
Ion Ratio Lower Upper
97 100
99 65.2 43.2 80.2
83 88.1 60.5 112.3
85 55.3 36.8 68.4





#46
Tetrachloroethene
Concen: 3.363 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031122.D
Acq: 19 May 2023 21:27

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 468
Ion Ratio Lower Upper
164 100
129 85.9 65.5 121.7
131 73.7 62.1 115.3
166 137.9 93.4 173.4

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