

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031121.D
 Acq On : 19 May 2023 21:02
 Operator : SY/MD
 Sample : 02866-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX90

Manual Integrations
 APPROVED

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

Quant Time: May 20 00:38:23 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	252782	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	239337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	101629	47.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.080%		
7) Chloroethane-d5	1.535	69	97855	58.798	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	117.600%		
11) 1,1-Dichloroethene-d2	2.063	65	48306	47.684	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.360%		
21) 2-Butanone-d5	3.802	46	142420	123.722	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	123.720%		
24) Chloroform-d	4.259	84	181934	47.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	4.947	65	129185	50.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
32) Benzene-d6	4.966	84	333715	51.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.860%		
36) 1,2-Dichloropropane-d6	5.995	67	101857	52.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.940%		
41) Toluene-d8	7.249	98	295509	48.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.600%		
43) trans-1,3-Dichloroprop...	7.558	79	48317	49.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.220%		
47) 2-Hexanone-d5	8.034	63	71753	94.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.800%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137567	47.246	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.500%		
66) 1,2-Dichlorobenzene-d4	11.567	152	111634	55.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.780%		
Target Compounds					Qvalue	
3) Chloromethane	1.220	50	9197	5.148	ug/L	91
5) Vinyl chloride	1.285	62	166545	104.365	ug/L	98
6) Bromomethane	1.494	94	2918	3.263	ug/L	86
12) 1,1-Dichloroethene	2.076	96	42654m	30.377	ug/L	
13) Acetone	2.130	43	10082	6.737	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	65600	50.530	ug/L	97
20) cis-1,2-Dichloroethene	3.818	96	5898424	3685.558	ug/L	93
34) Trichloroethene	5.841	95	4318623	2810.938	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	1755	1.019	ug/L #	86
46) Tetrachloroethene	7.911	164	6640	5.033	ug/L	93

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

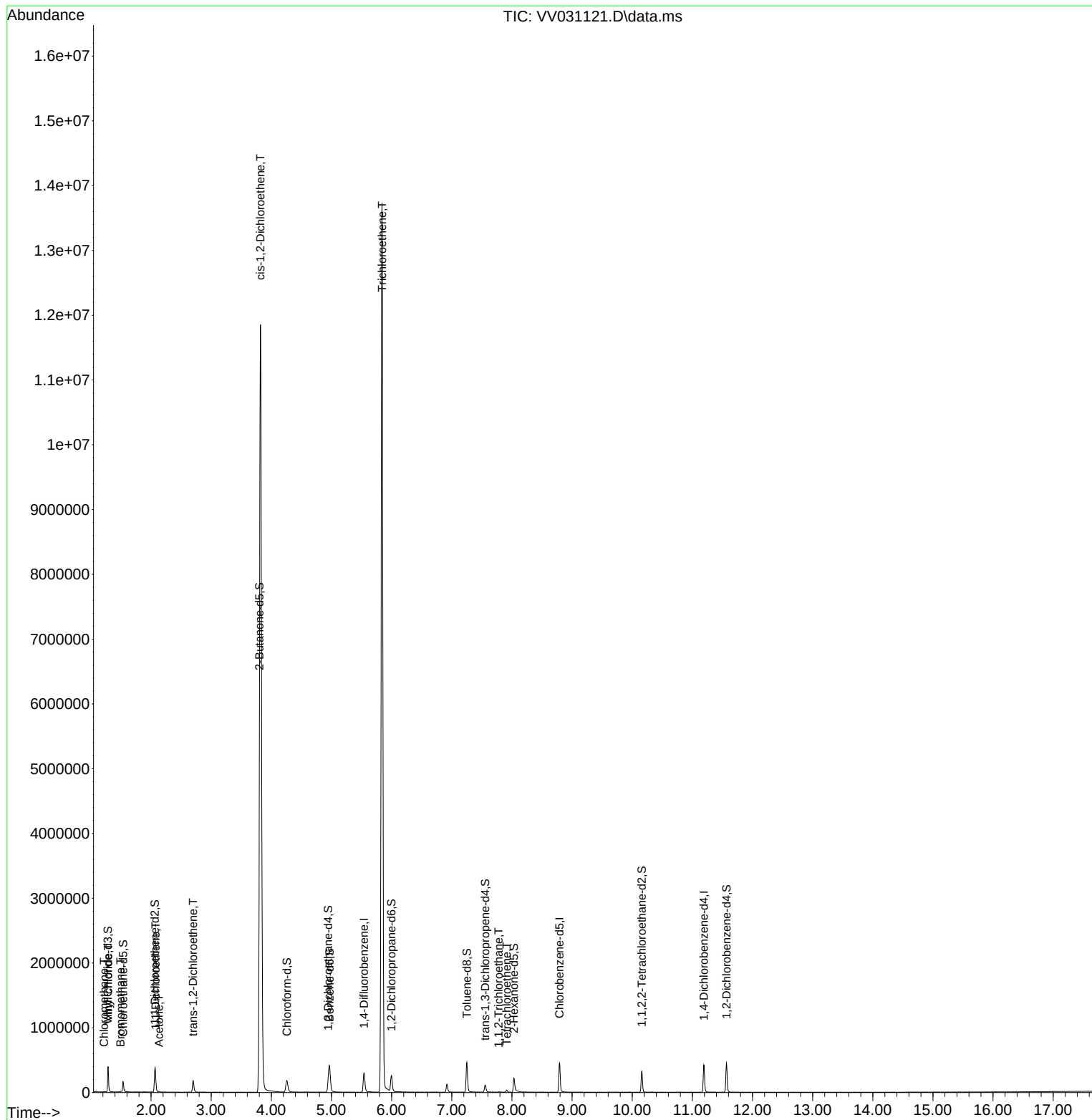
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
Data File : VV031121.D
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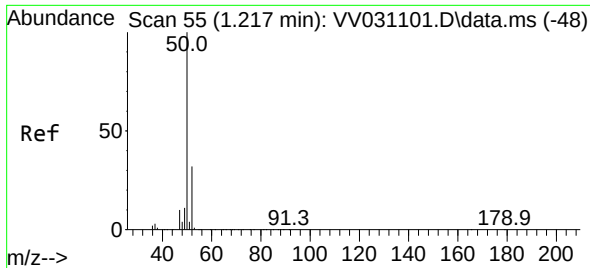
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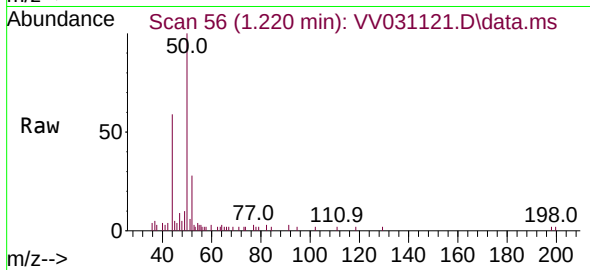
Quant Time: May 20 00:38:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 20 00:29:13 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 5.148 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

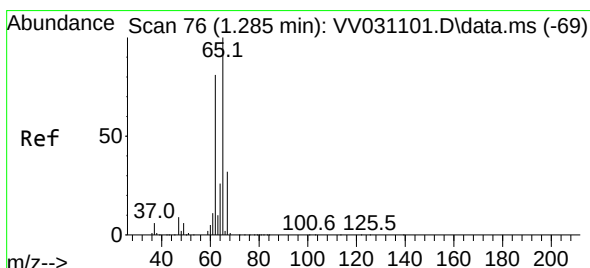
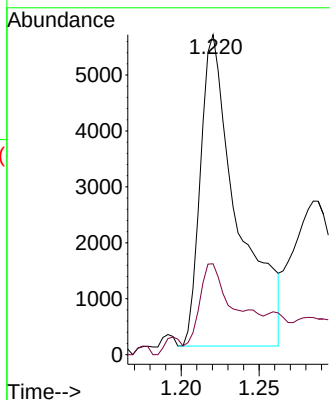
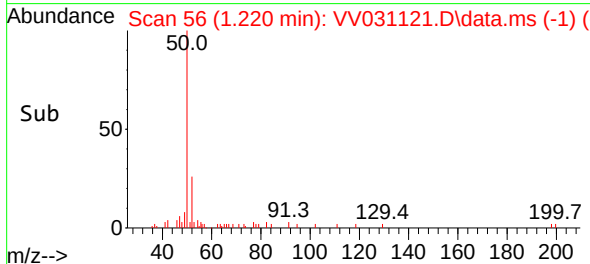
Instrument :
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ClientSampleId :
GBX90



Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 28.4 23.3 43.3

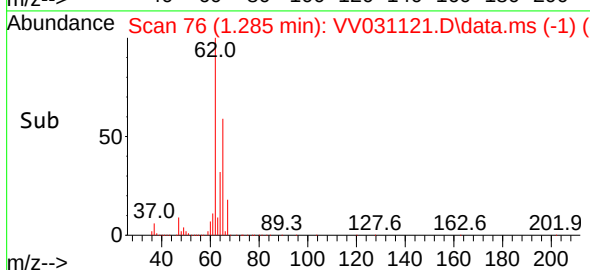
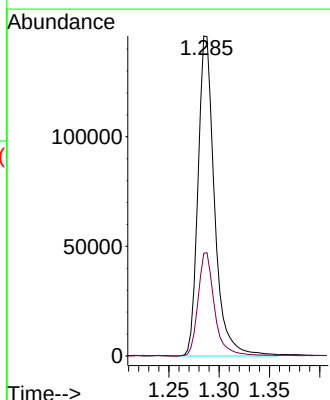
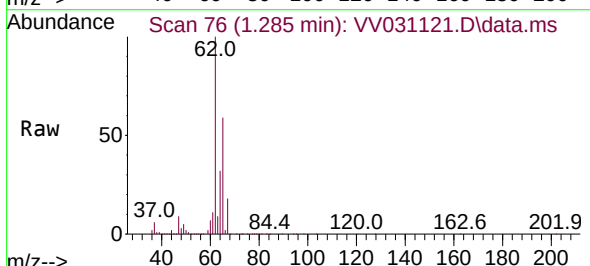
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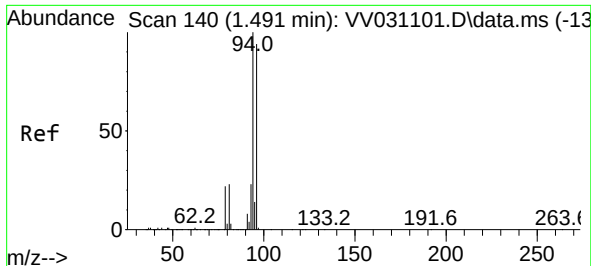
Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#5
Vinyl chloride
Concen: 104.365 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

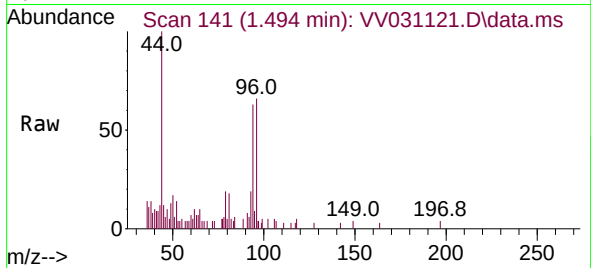
Tgt Ion: 62 Resp: 166545
Ion Ratio Lower Upper
62 100
64 32.1 23.1 42.9





#6
Bromomethane
Concen: 3.263 ug/L
RT: 1.494 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

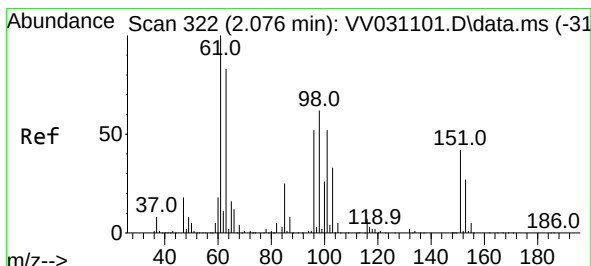
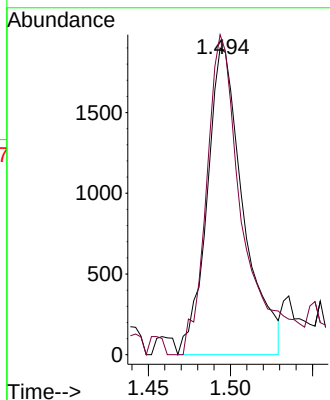
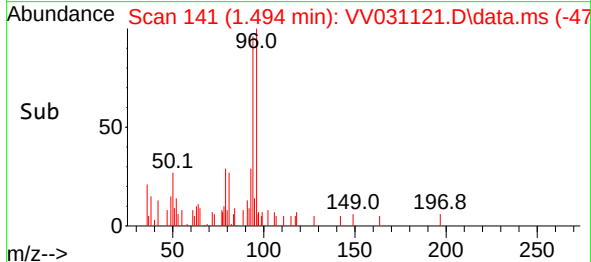
Instrument :
MSVOA_V
ClientSampleId :
GBX90



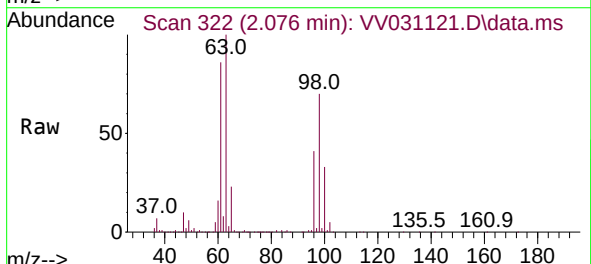
Tgt Ion: 94 Resp: 2918
Ion Ratio Lower Upper
94 100
96 104.3 63.9 118.7

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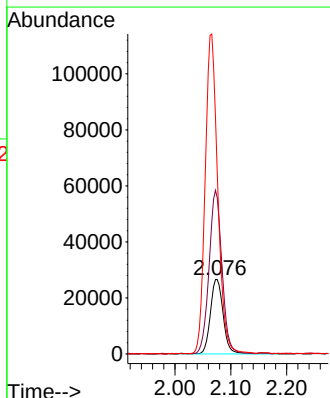
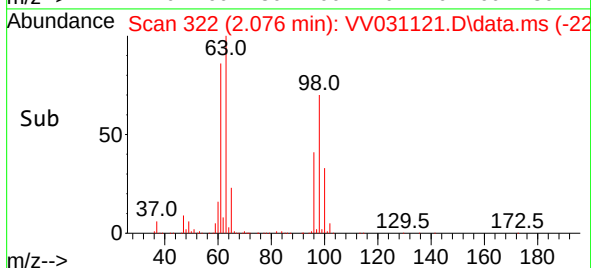
Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

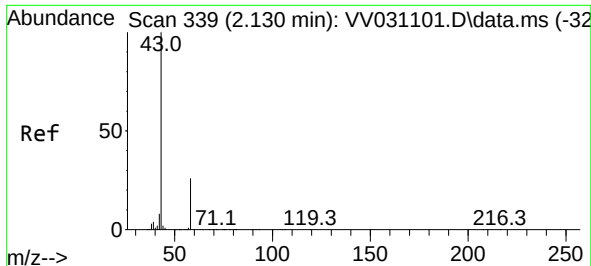


#12
1,1-Dichloroethene
Concen: 30.377 ug/L m
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02



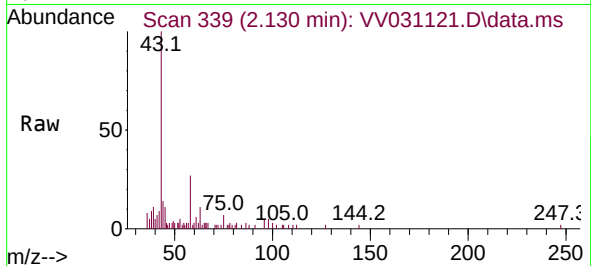
Tgt Ion: 96 Resp: 42654
Ion Ratio Lower Upper
96 100
61 209.9 137.9 256.1
63 244.2 114.2 212.0#





#13
Acetone
Concen: 6.737 ug/L
RT: 2.130 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

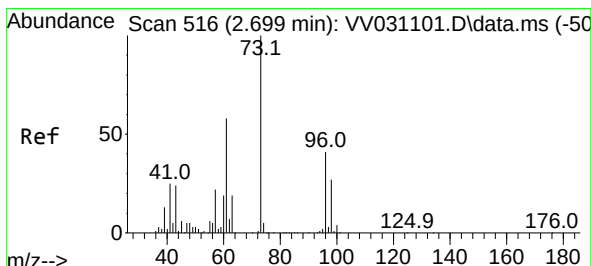
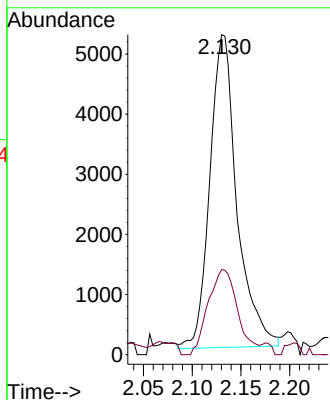
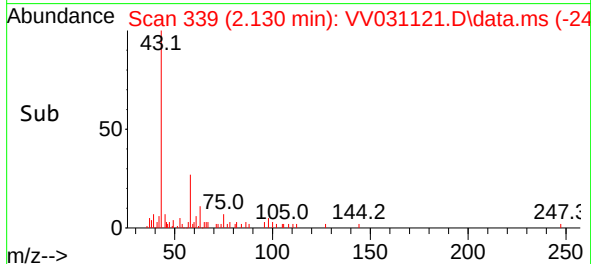
Instrument :
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ClientSampleId :
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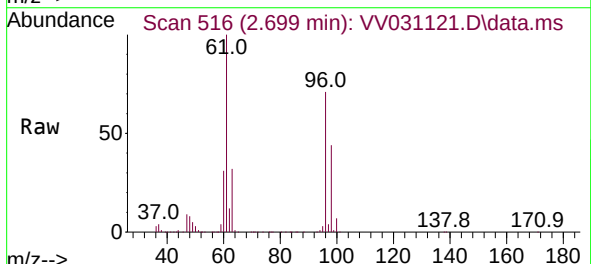
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 29.5 0.0 54.0

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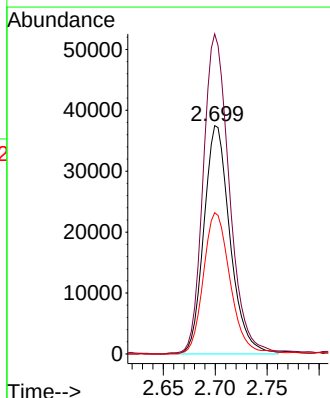
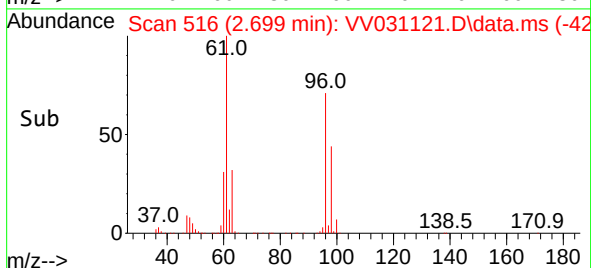
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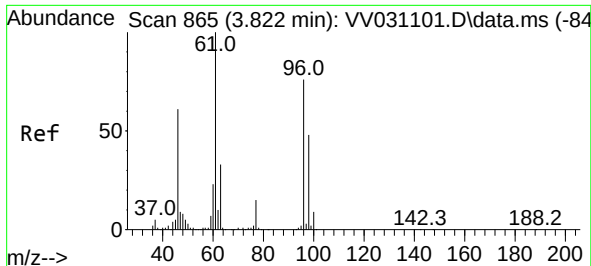


#17
trans-1,2-Dichloroethene
Concen: 50.530 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02



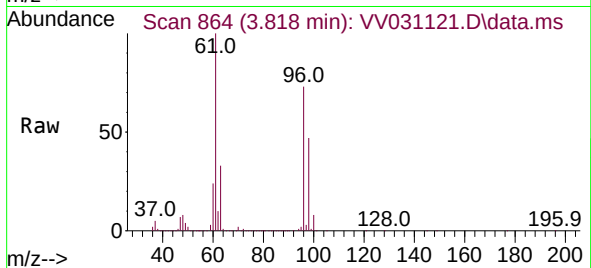
Tgt Ion: 96 Resp: 65600
Ion Ratio Lower Upper
96 100
61 140.1 100.0 185.6
98 61.9 45.4 84.2





#20
cis-1,2-Dichloroethene
Concen: 3685.558 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.003 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

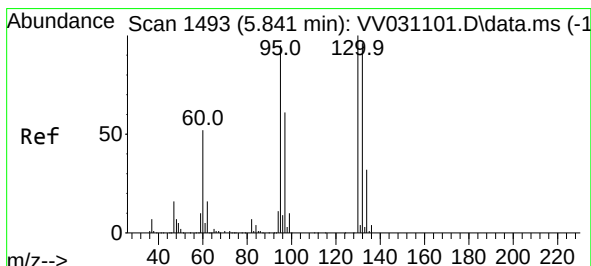
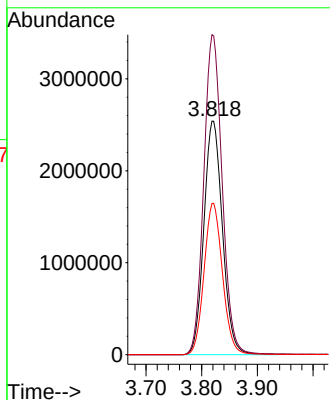
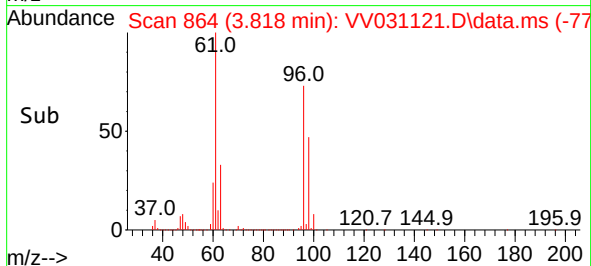
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Tgt Ion: 96 Resp: 5898424
Ion Ratio Lower Upper
96 100
61 137.0 89.2 165.6
98 64.7 43.0 80.0

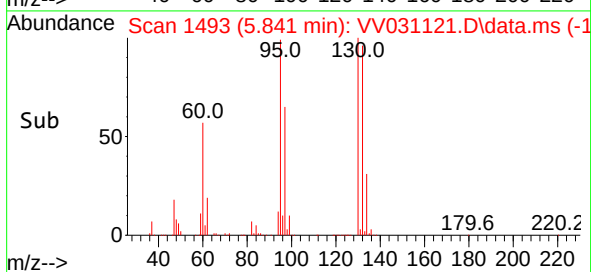
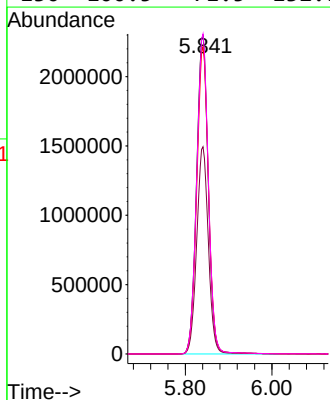
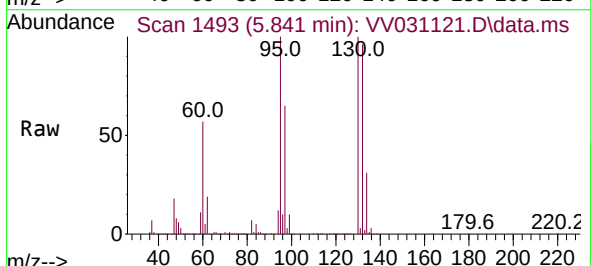
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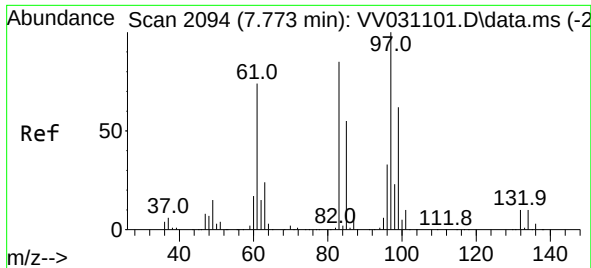
Reviewed By :Krupa Patel 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#34
Trichloroethene
Concen: 2810.938 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV031121.D
Acq: 19 May 2023 21:02

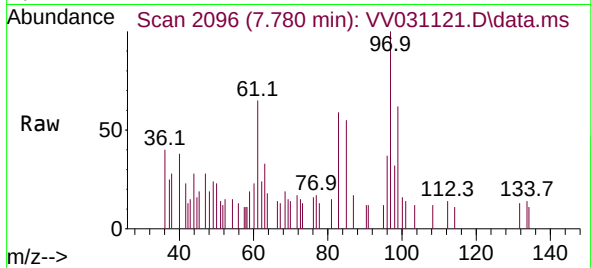
Tgt Ion: 95 Resp: 4318623
Ion Ratio Lower Upper
95 100
97 65.1 44.4 82.5
132 96.5 70.2 130.4
130 100.5 71.5 132.7





#45
1,1,2-Trichloroethane
Concen: 1.019 ug/L
RT: 7.780 min Scan# 2094
Delta R.T. 0.006 min
Lab File: VV031121.D
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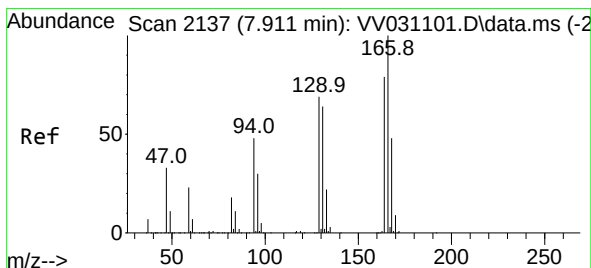
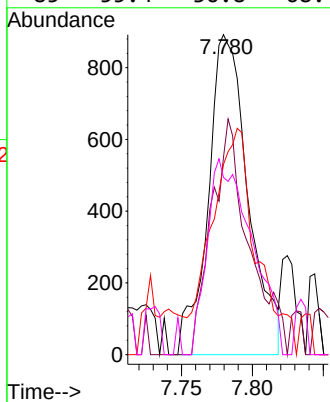
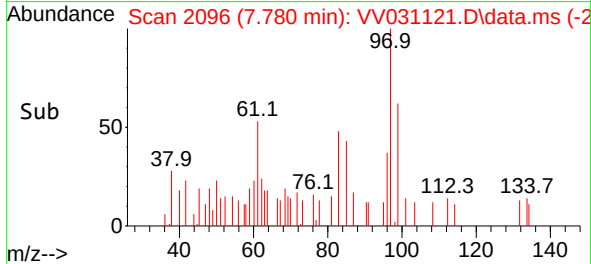
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Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.2	80.2
83	59.4	60.5	112.3
85	55.4	36.8	68.4

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#46
Tetrachloroethene
Concen: 5.033 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
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Tgt Ion	Ratio	Lower	Upper
164	100		
129	87.5	65.5	121.7
131	81.1	62.1	115.3
166	125.8	93.4	173.4

