

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029987.D
 Acq On : 30 Jan 2023 13:27
 Operator : SY/MD
 Sample : 01314-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 02:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	417488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	404960	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	224919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162424	55.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.660%			
7) Chloroethane-d5	1.561	69	151539	61.924	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.840%			
11) 1,1-Dichloroethene-d2	2.101	63	228571	44.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.420%			
21) 2-Butanone-d5	3.863	46	213978	126.231	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 126.230%			
24) Chloroform-d	4.336	84	292353	54.052	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.100%			
26) 1,2-Dichloroethane-d4	5.018	65	174669	57.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.360%			
32) Benzene-d6	5.040	84	636553	58.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.500%			
36) 1,2-Dichloropropane-d6	6.059	67	210824	63.216	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.440%#			
41) Toluene-d8	7.307	98	546880	55.080	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.160%			
43) trans-1,3-Dichloroprop...	7.609	79	89322	60.299	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.600%			
47) 2-Hexanone-d5	8.079	63	174640	121.789	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.790%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	283768	54.984	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.960%			
66) 1,2-Dichlorobenzene-d4	11.612	152	232656m	58.054	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.100%			
Target Compounds						
3) Chloromethane	1.240	50	5392	1.772	ug/L	99
5) Vinyl chloride	1.307	62	15068	4.303	ug/L	85
20) cis-1,2-Dichloroethene	3.902	96	66715	20.276	ug/L	94
33) Benzene	5.095	78	17055	1.401	ug/L	100
34) Trichloroethene	5.902	95	591770	193.123	ug/L	95
51) Chlorobenzene	8.870	112	170102	19.047	ug/L	97
64) 1,3-Dichlorobenzene	11.169	146	88887	13.113	ug/L	97
65) 1,4-Dichlorobenzene	11.259	146	851542	121.257	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	6204678	909.264	ug/L	97
70) 1,2,4-trichlorobenzene	13.246	180	45622	9.795	ug/L	97
72) 1,2,3-Trichlorobenzene	13.728	180	8227	1.812	ug/L	96

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

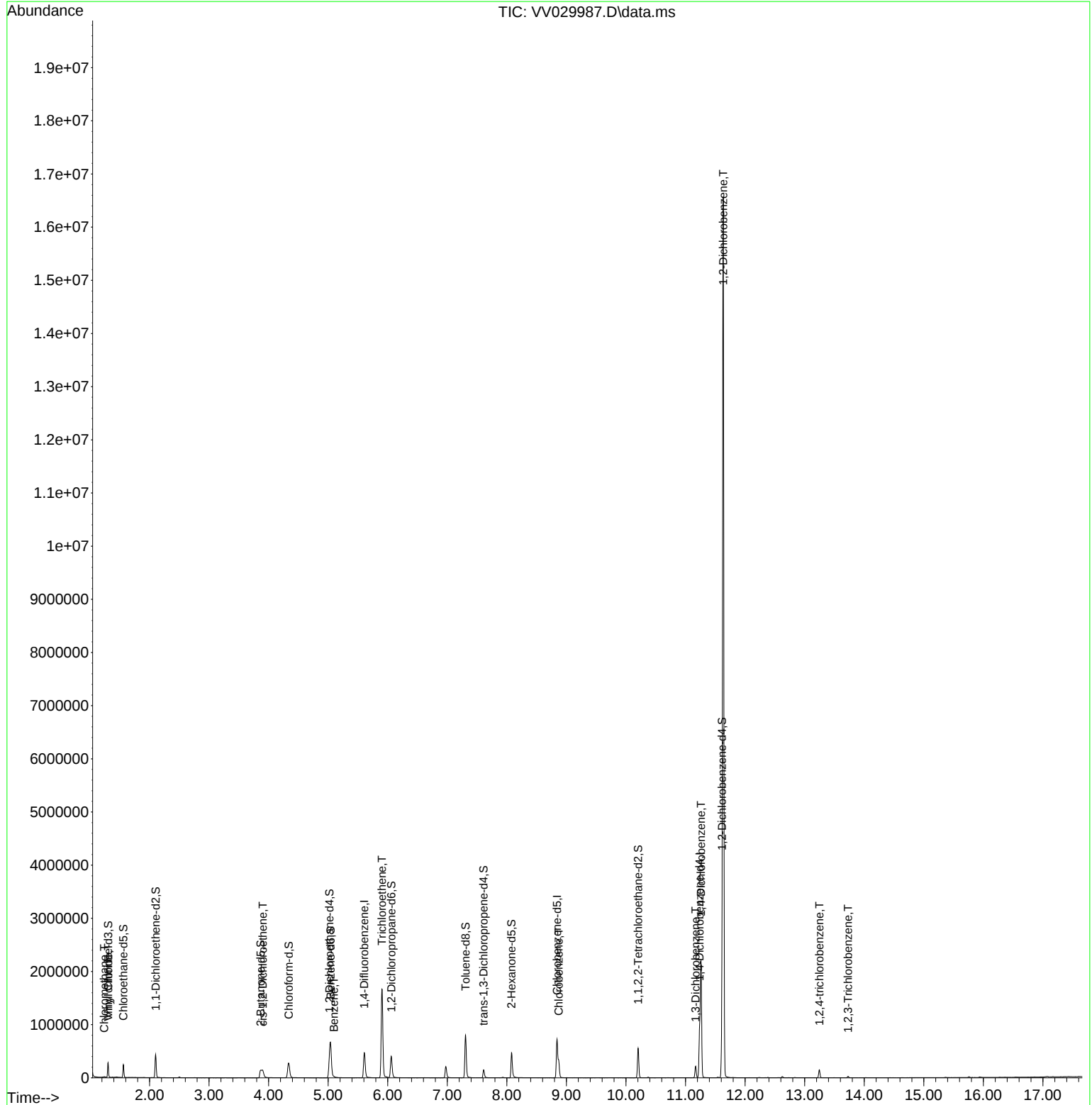
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
Data File : VV029987.D
Acq On : 30 Jan 2023 13:27
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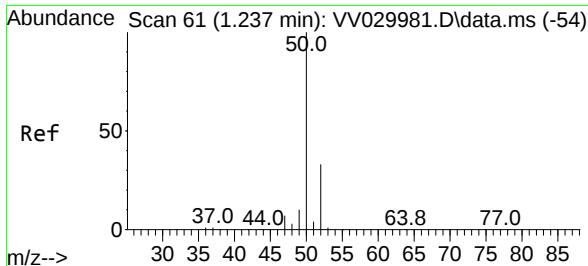
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration





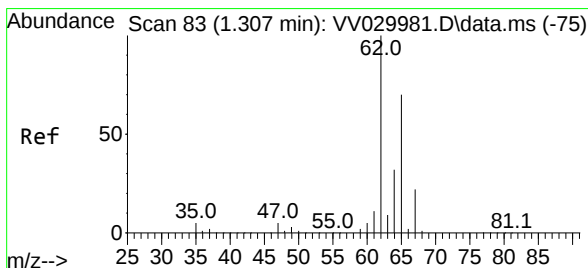
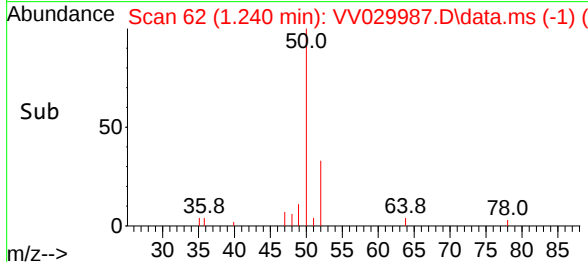
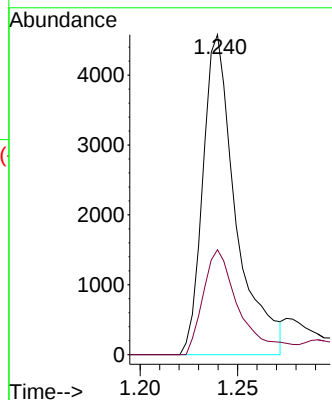
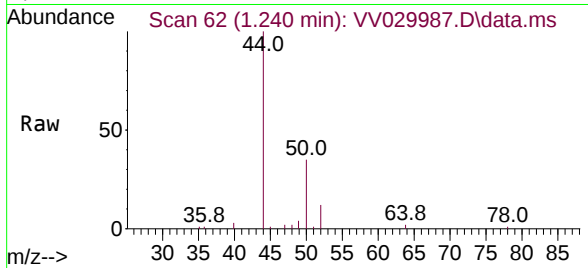
#3
Chloromethane
Concen: 1.772 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
A44L5

Tgt Ion: 50 Resp: 5392
Ion Ratio Lower Upper
50 100
52 32.8 23.4 43.4

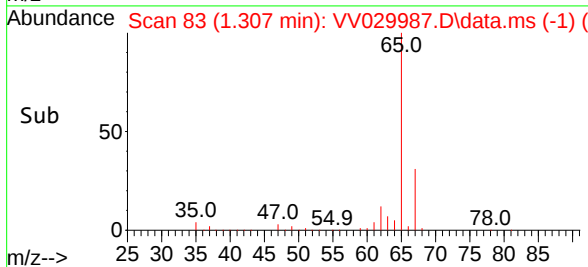
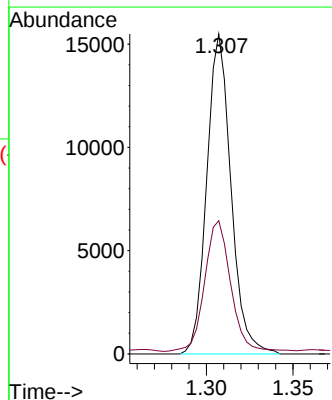
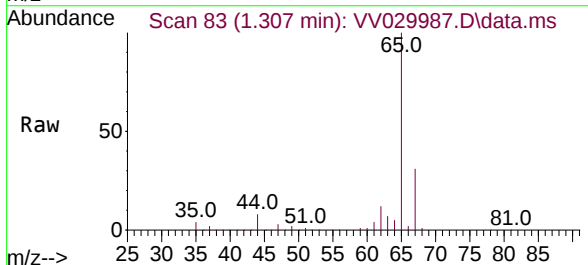
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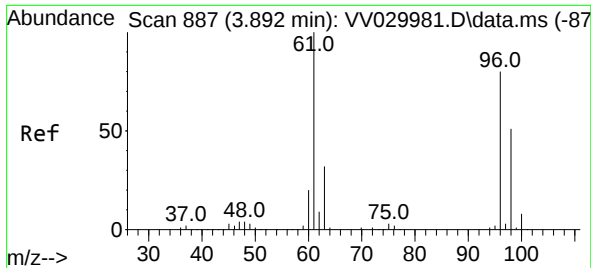
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#5
Vinyl chloride
Concen: 4.303 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.000 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

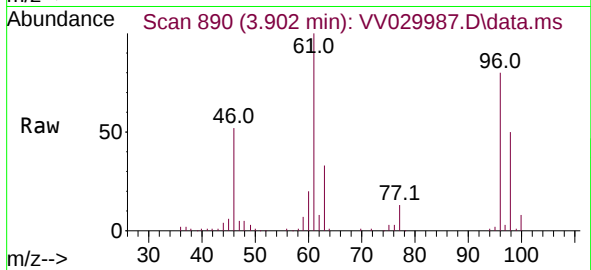
Tgt Ion: 62 Resp: 15068
Ion Ratio Lower Upper
62 100
64 41.6 23.0 42.8





#20
cis-1,2-Dichloroethene
Concen: 20.276 ug/L
RT: 3.902 min Scan# 89
Delta R.T. 0.010 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

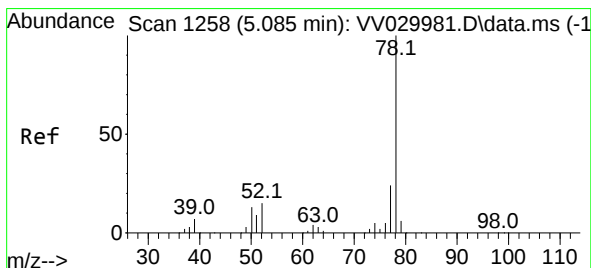
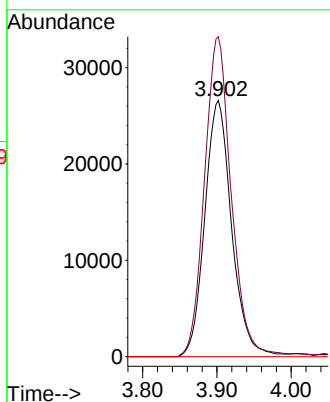
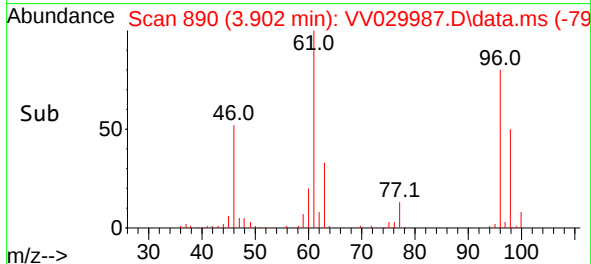
Instrument :
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Tgt Ion: 96 Resp: 66715
Ion Ratio Lower Upper
96 100
61 125.0 82.5 153.3
68 0.0 0.0 0.0

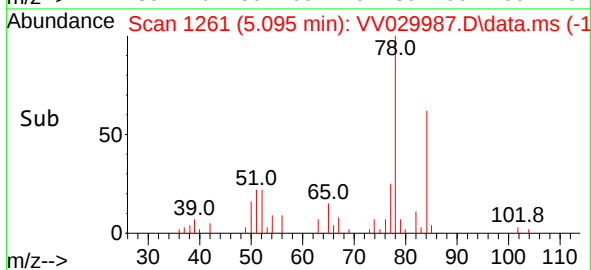
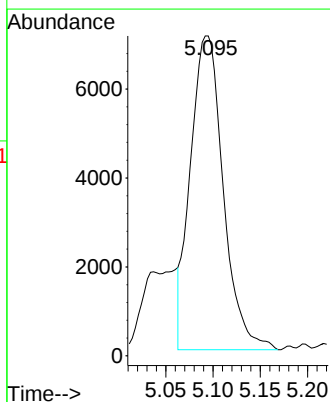
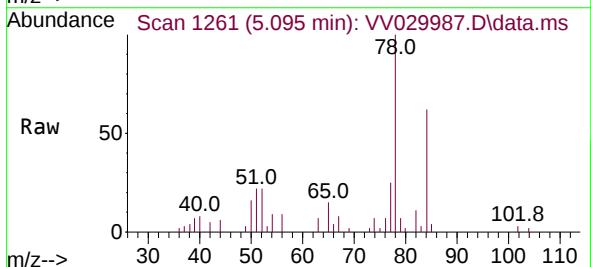
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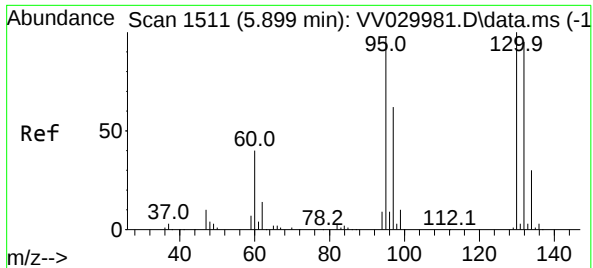
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#33
Benzene
Concen: 1.401 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.010 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

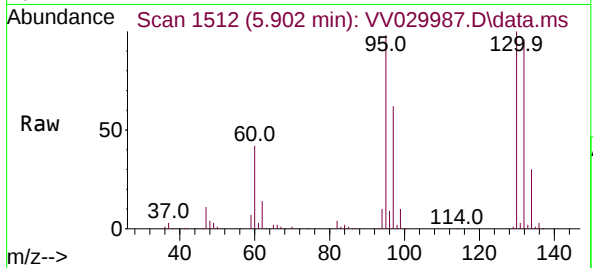
Tgt Ion: 78 Resp: 17055





#34
Trichloroethene
Concen: 193.123 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

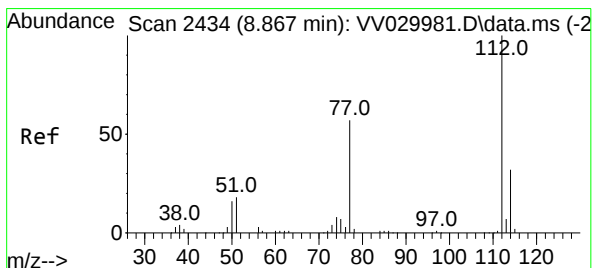
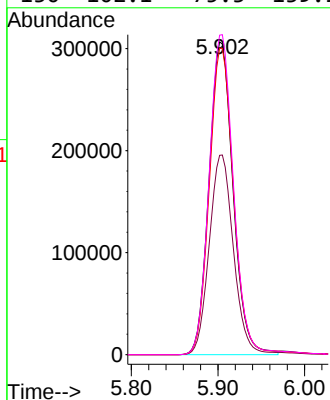
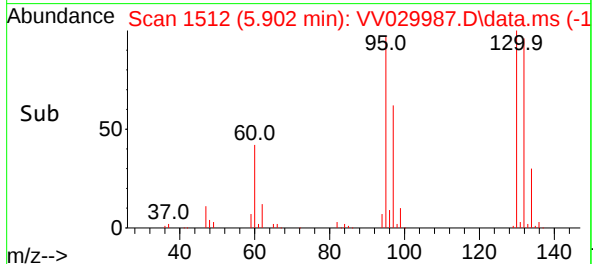
Instrument :
MSVOA_V
ClientSampleId :
A44L5



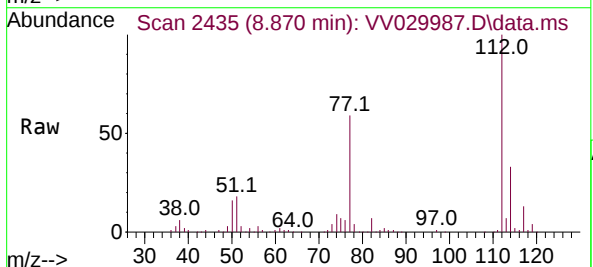
Tgt Ion: 95 Resp: 591776
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.5
132 98.0 71.8 133.4
130 102.1 75.3 139.9

Manual Integrations
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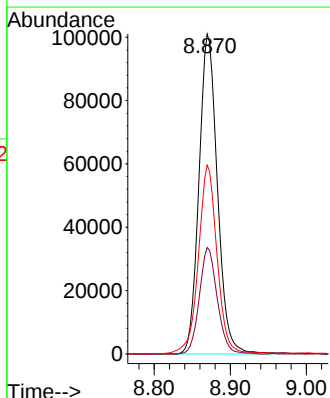
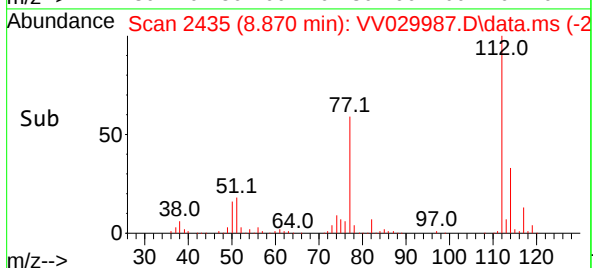
Reviewed By :Krupa Patel 01/31/2023
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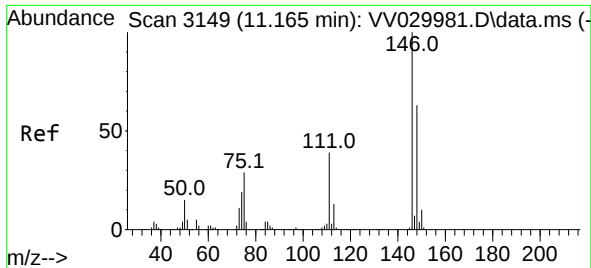


#51
Chlorobenzene
Concen: 19.047 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27



Tgt Ion:112 Resp: 170102
Ion Ratio Lower Upper
112 100
114 33.2 22.6 42.0
77 59.0 44.6 66.8





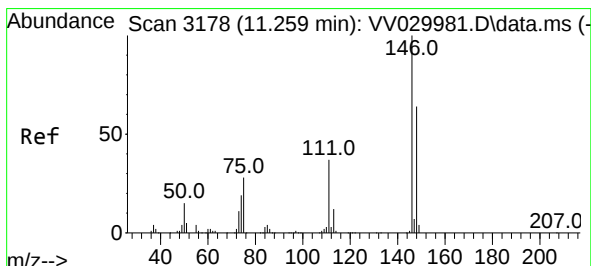
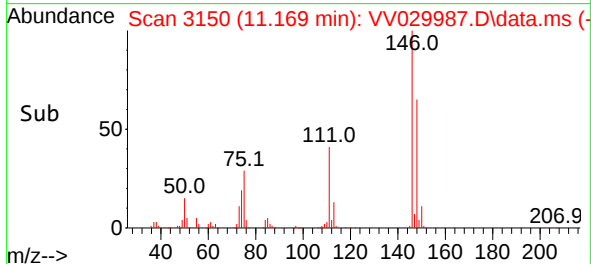
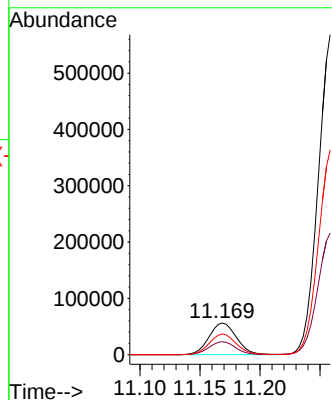
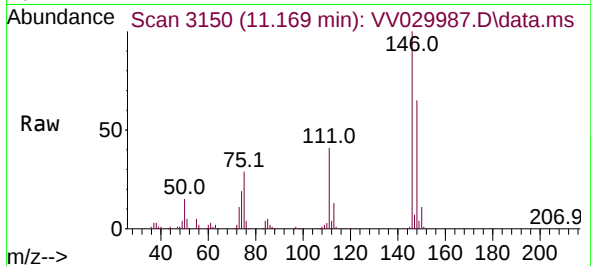
#64
1,3-Dichlorobenzene
Concen: 13.113 ug/L
RT: 11.169 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:146 Resp: 8888
Ion Ratio Lower Upper
146 100
111 40.6 26.9 50.1
148 64.9 44.2 82.2

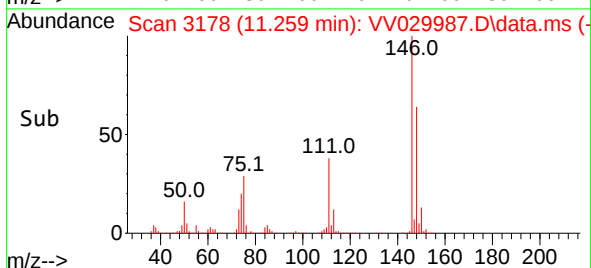
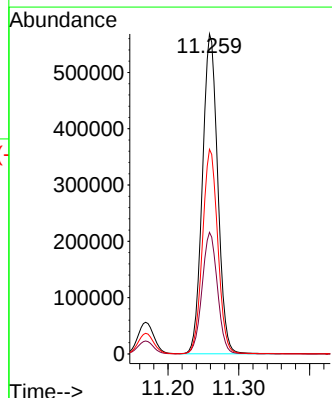
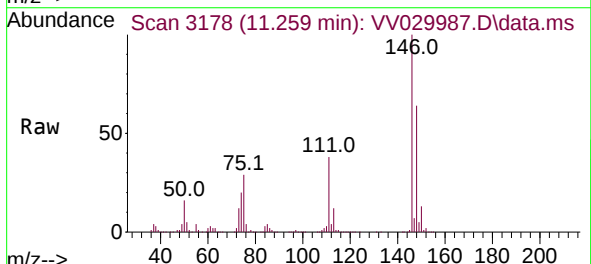
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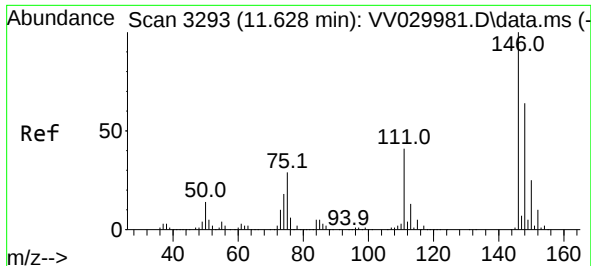
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#65
1,4-Dichlorobenzene
Concen: 121.257 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion:146 Resp: 851542
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 63.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 909.264 ug/L

RT: 11.632 min Scan# 3293

Delta R.T. 0.003 min

Lab File: VV029987.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

A44L5

Tgt Ion:146 Resp: 6204678

Ion Ratio Lower Upper

146 100

111 43.8 32.7 49.1

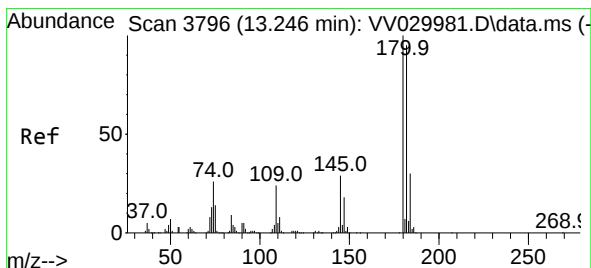
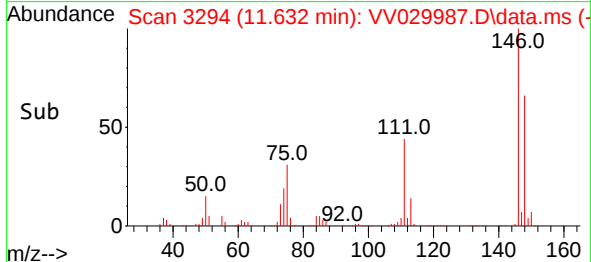
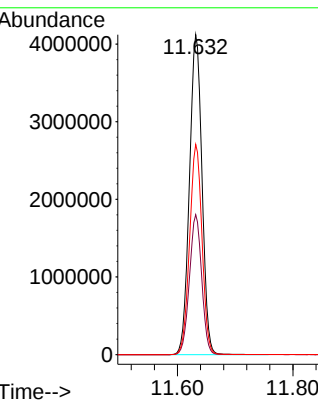
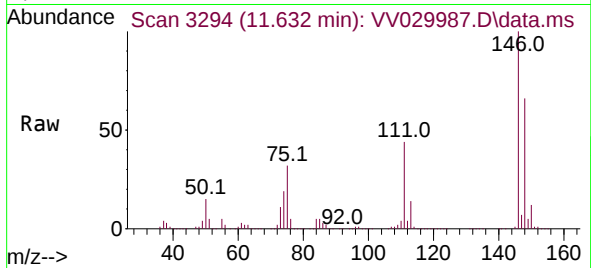
148 65.7 51.0 76.4

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 9.795 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. -0.000 min

Lab File: VV029987.D

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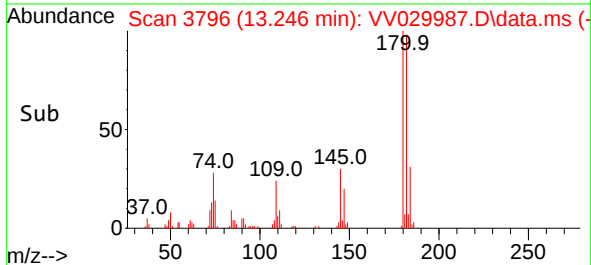
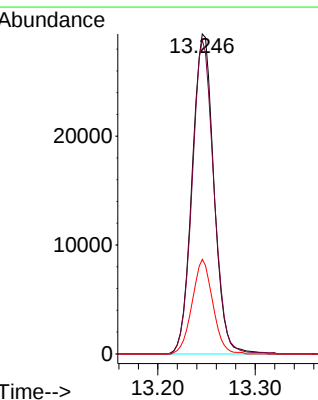
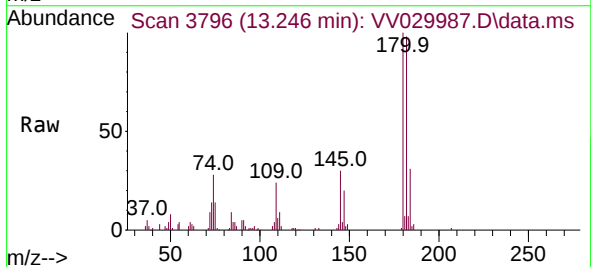
Tgt Ion:180 Resp: 45622

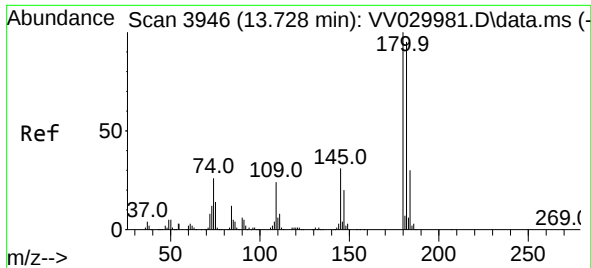
Ion Ratio Lower Upper

180 100

182 97.3 76.0 114.0

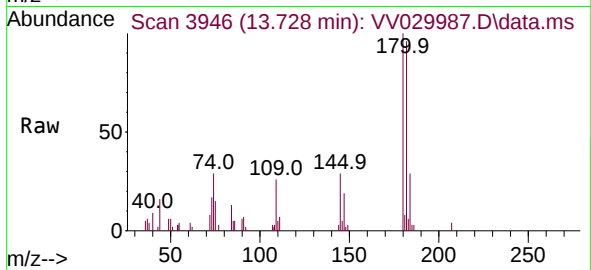
145 28.0 24.0 36.0





#72
1,2,3-Trichlorobenzene
Concen: 1.812 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Instrument :
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ClientSampleId :
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Tgt Ion:	180	Resp:	822
Ion Ratio	Lower	Upper	
180	100		
182	91.8	76.3	114.5
145	28.9	25.7	38.5

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