

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080322\
 Data File : VV027201.D
 Acq On : 03 Aug 2022 19:06
 Operator : SY/MD
 Sample : N4005-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/04/2022
 Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 04 03:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 04 02:57:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	503836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	526486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	212093	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	217956	66.749	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 133.500%			
7) Chloroethane-d5	1.561	69	171101	70.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 140.040%#			
11) 1,1-Dichloroethene-d2	2.101	63	267901m	43.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.180%			
21) 2-Butanone-d5	3.873	46	241368	112.275	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.270%			
24) Chloroform-d	4.342	84	358365	54.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.600%			
26) 1,2-Dichloroethane-d4	5.027	65	209808	56.027	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.060%			
32) Benzene-d6	5.047	84	725587	52.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.160%			
36) 1,2-Dichloropropane-d6	6.066	67	234787	54.479	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.960%			
41) Toluene-d8	7.313	98	608998	48.488	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.980%			
43) trans-1,3-Dichloroprop...	7.619	79	91605	48.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.860%			
47) 2-Hexanone-d5	8.088	63	173658	104.374	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.370%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	335536	52.084	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.160%			
66) 1,2-Dichlorobenzene-d4	11.622	152	225117	60.395	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.780%#			
Target Compounds						
5) Vinyl chloride	1.307	62	38712	8.135	ug/L	90
12) 1,1-Dichloroethene	2.104	96	4420	1.265	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	255579	68.726	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	1451649	367.740	ug/L	98
33) Benzene	5.101	78	54865	3.398	ug/L	100
34) Trichloroethene	5.918	95	18174	4.376	ug/L	96

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

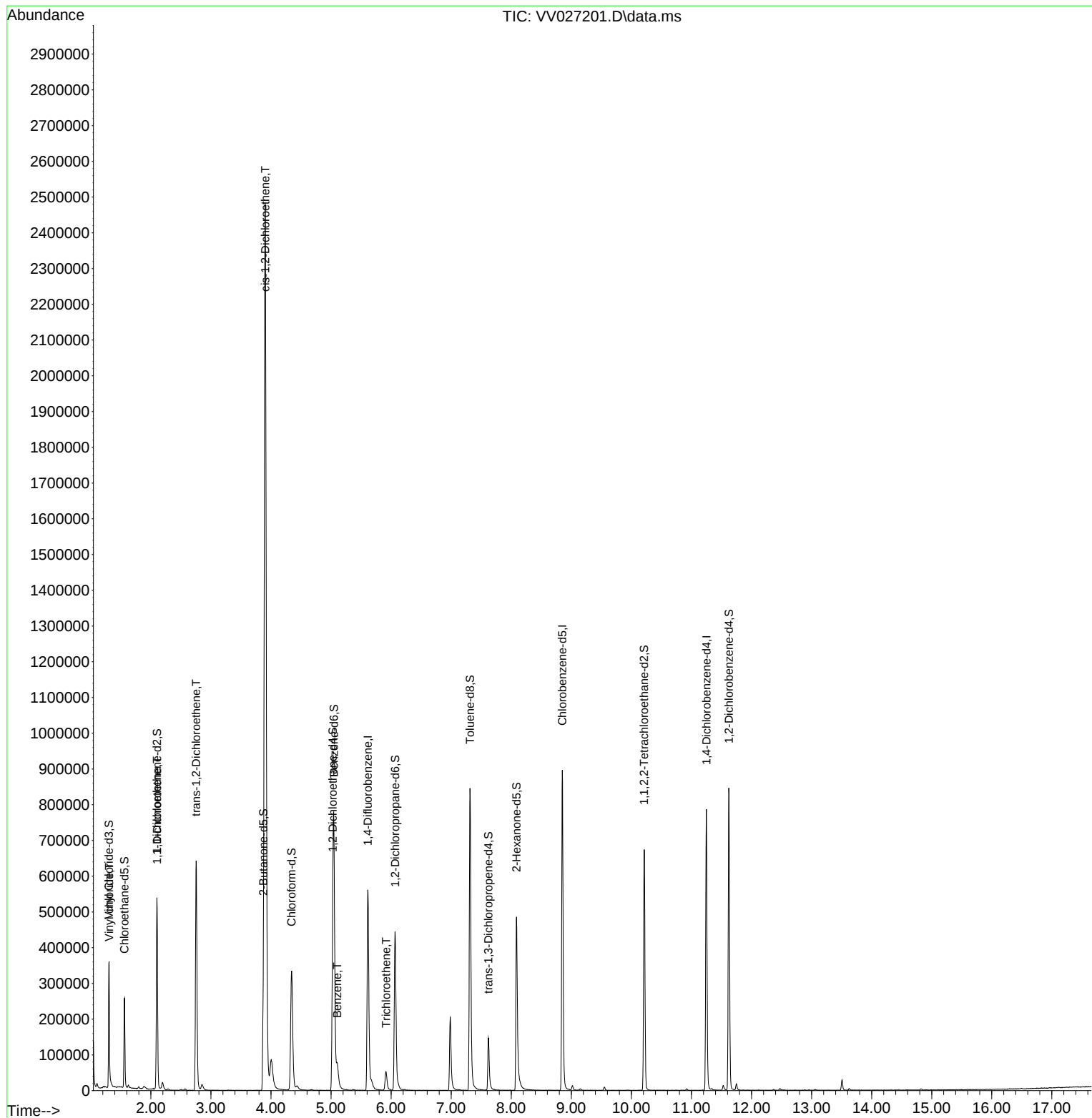
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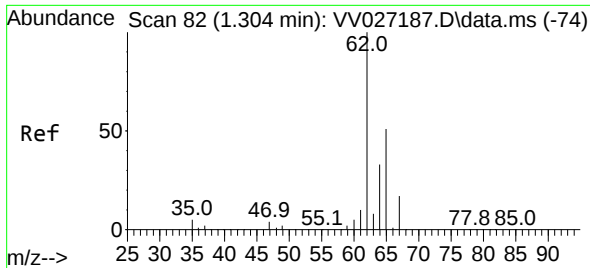
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
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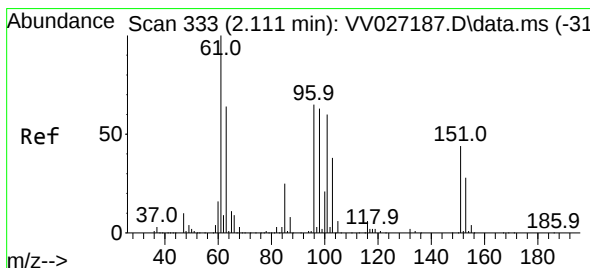
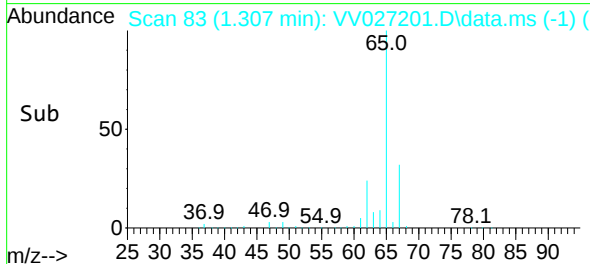
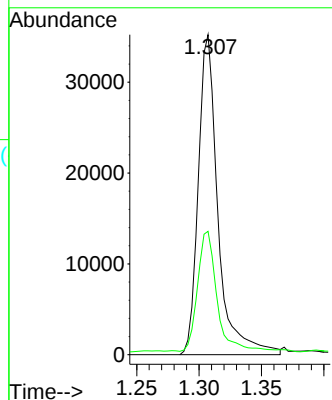
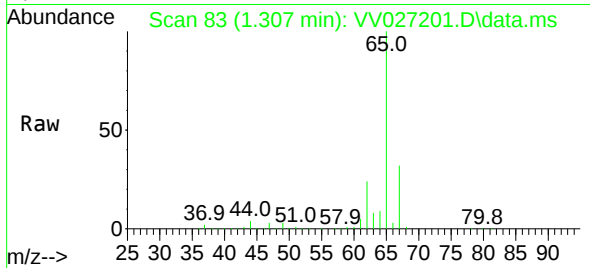
#5
 Vinyl chloride
 Concen: 8.135 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Instrument :
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 Client Sample Id :
 EY145

Tgt Ion: 62 Resp: 3871
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.1 42.9

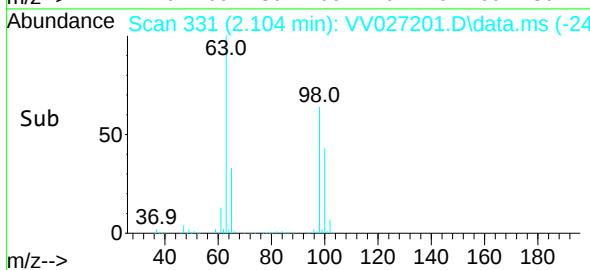
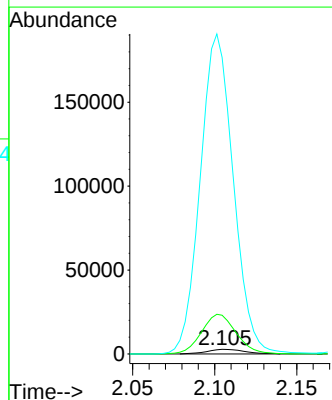
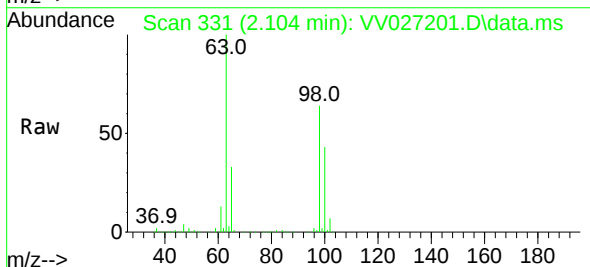
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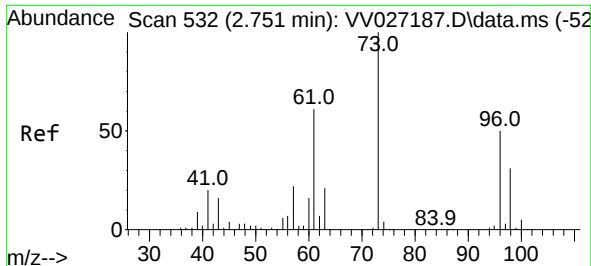
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 Supervised By :Mahesh Dadoda 08/05/2022



#12
 1,1-Dichloroethene
 Concen: 1.265 ug/L
 RT: 2.104 min Scan# 331
 Delta R.T. -0.007 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

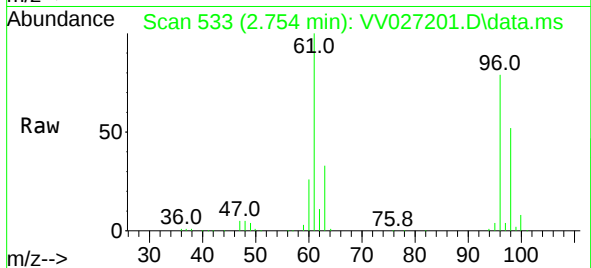
Tgt Ion: 96 Resp: 4420
 Ion Ratio Lower Upper
 96 100
 61 846.1 110.7 205.5#
 63 6489.3 78.4 145.6#





#17
trans-1,2-Dichloroethene
Concen: 68.726 ug/L
RT: 2.754 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06

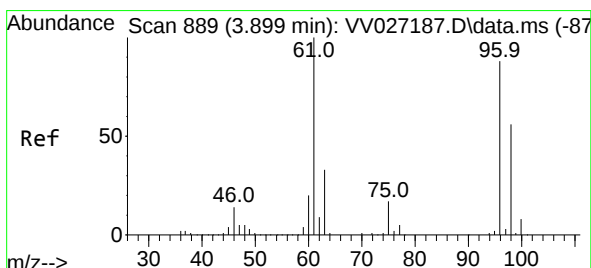
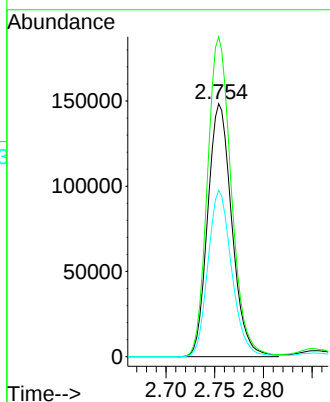
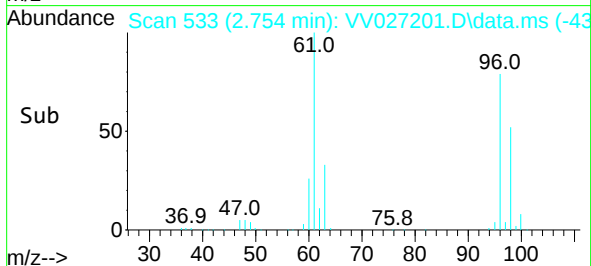
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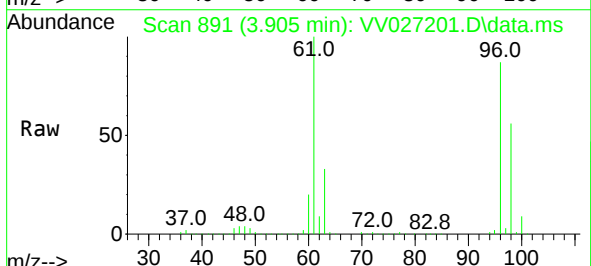
Tgt Ion: 96 Resp: 255579
Ion Ratio Lower Upper
96 100
61 126.5 89.2 165.6
98 65.8 43.3 80.3

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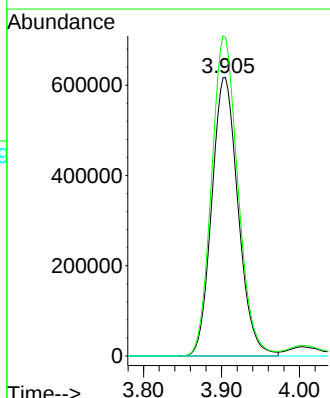
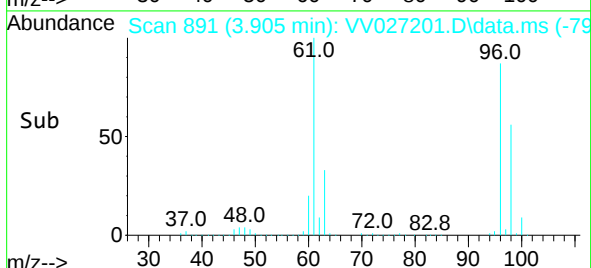
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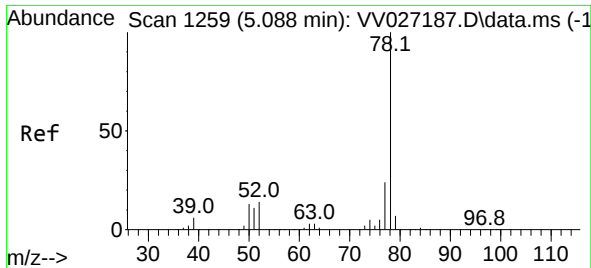


#20
cis-1,2-Dichloroethene
Concen: 367.740 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06



Tgt Ion: 96 Resp: 1451649
Ion Ratio Lower Upper
96 100
61 114.4 81.7 151.7
68 0.0 0.0 0.0





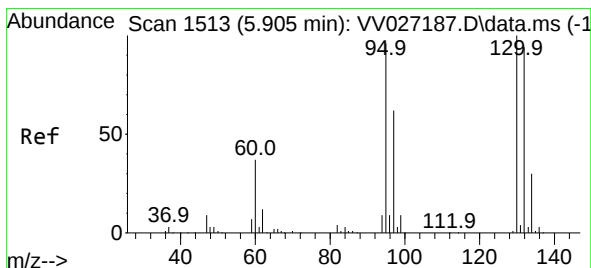
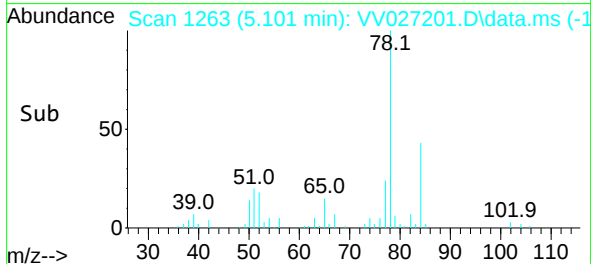
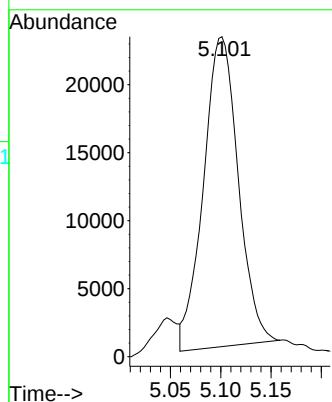
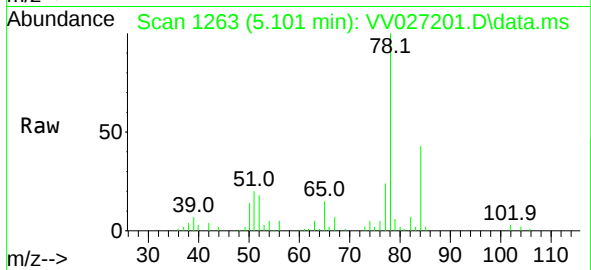
#33
Benzene
Concen: 3.398 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06

Instrument :
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Tgt Ion: 78 Resp: 5486

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Supervised By :Mahesh Dadoda 08/05/2022



#34
Trichloroethene
Concen: 4.376 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06

Tgt Ion: 95 Resp: 18174
Ion Ratio Lower Upper
95 100
97 61.5 47.0 87.2
132 102.6 71.5 132.7
130 97.4 72.4 134.4

