Quantitation Report (QT Reviewed)

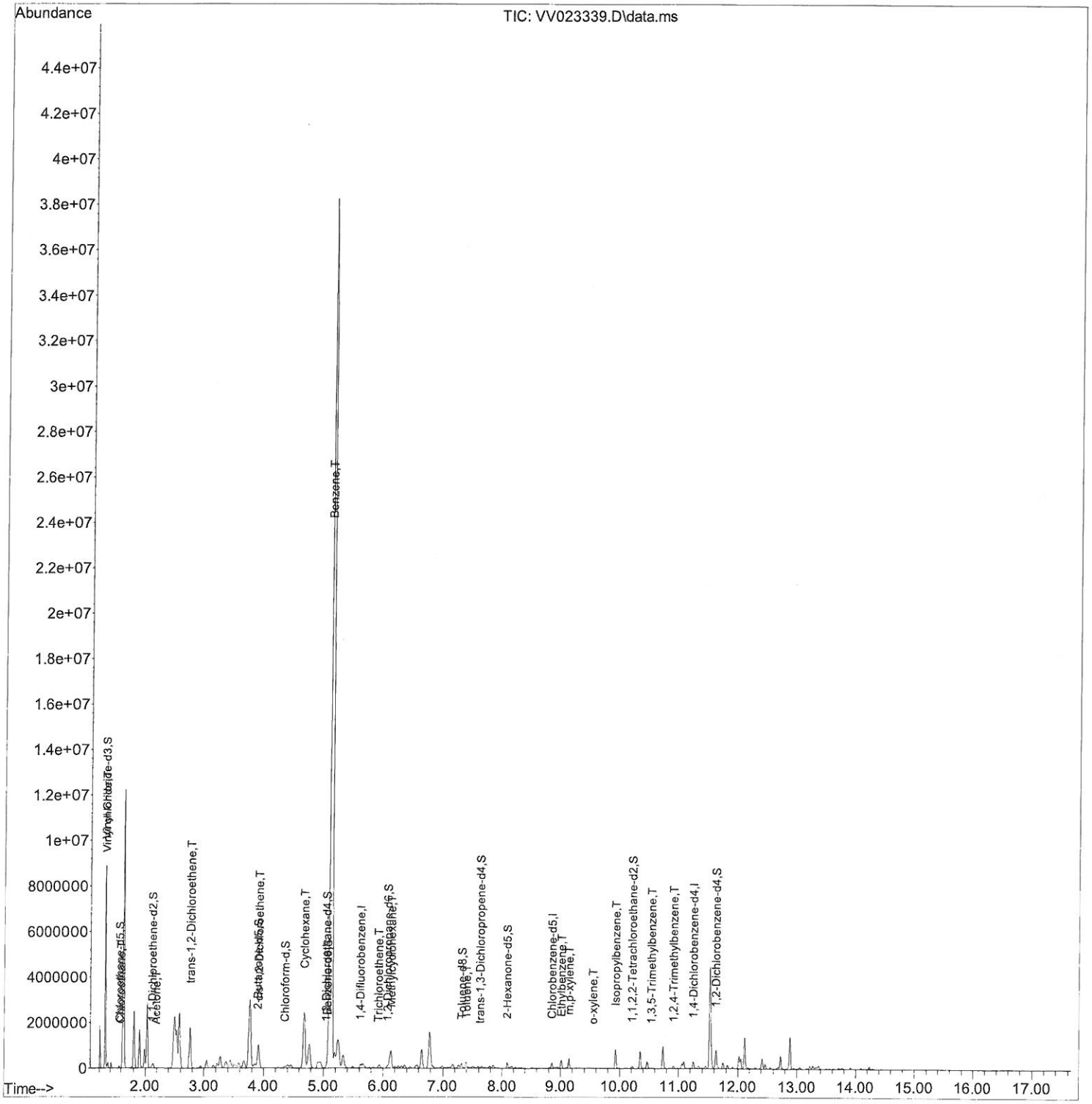
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023339.D
Acq On : 10 Nov 2021 18:03
Operator : SY/MD
Sample : M4558-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 11 00:44:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GB872

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



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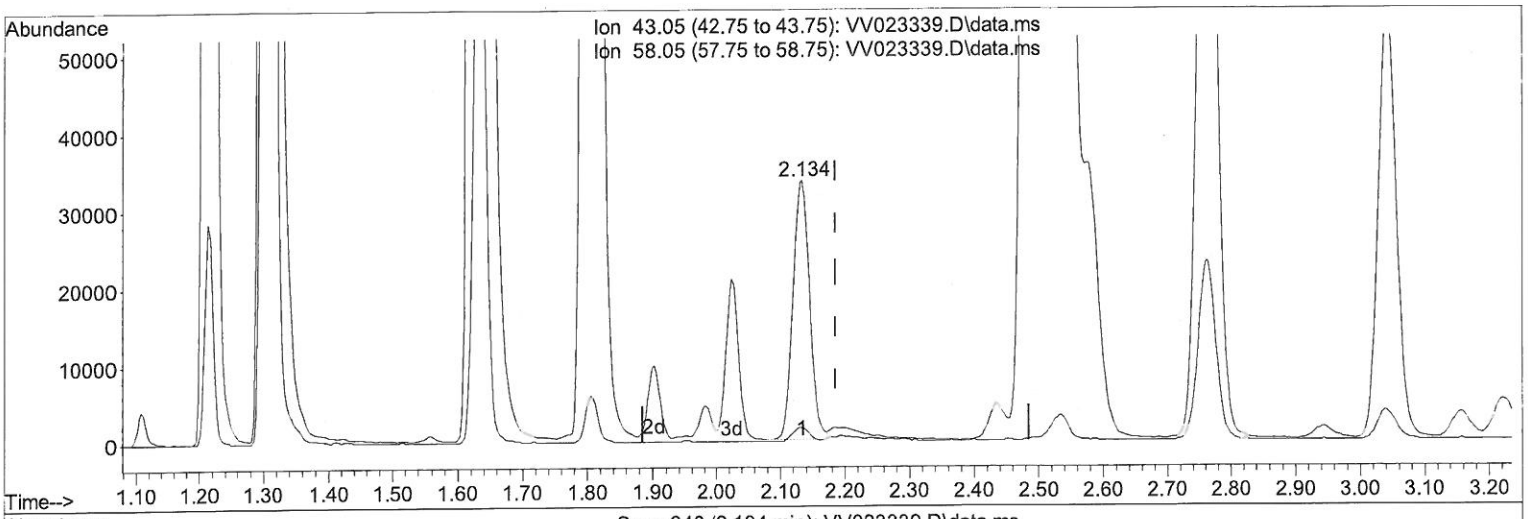

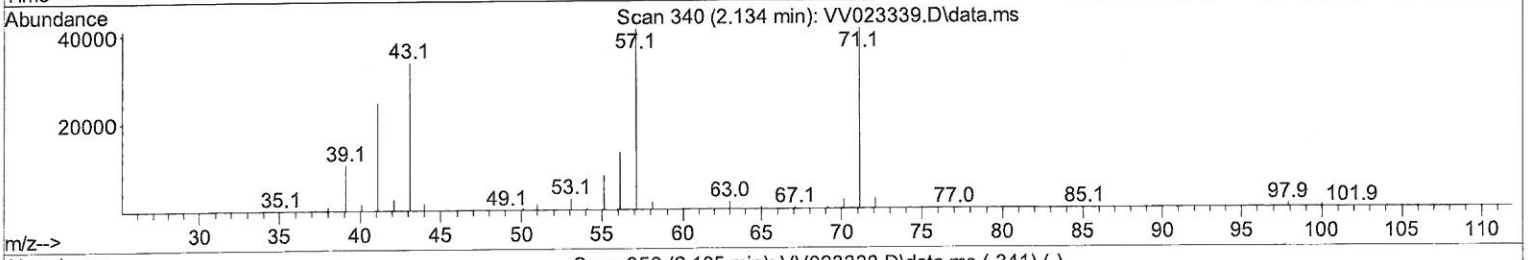

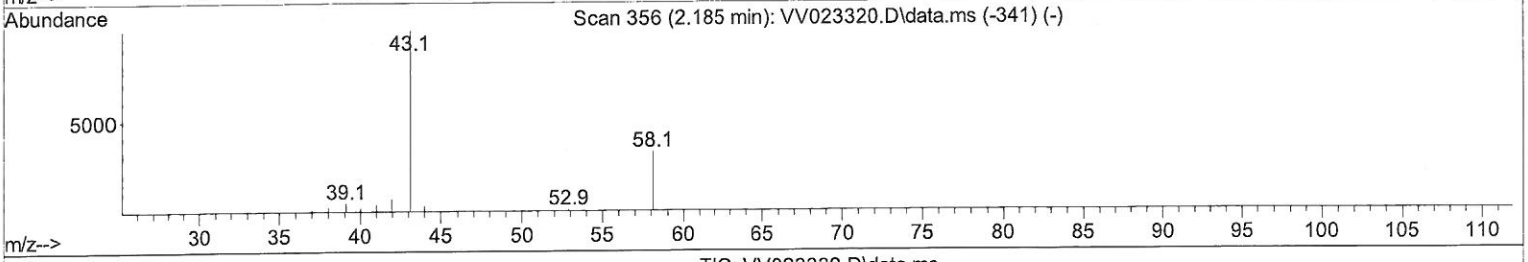

TIC: VV023339.D\data.ms

(13) Acetone (T)

2.134min (-0.051) 62.62 ug/L

response 59638

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	5.19
0.00	0.00	0.00
0.00	0.00	0.00

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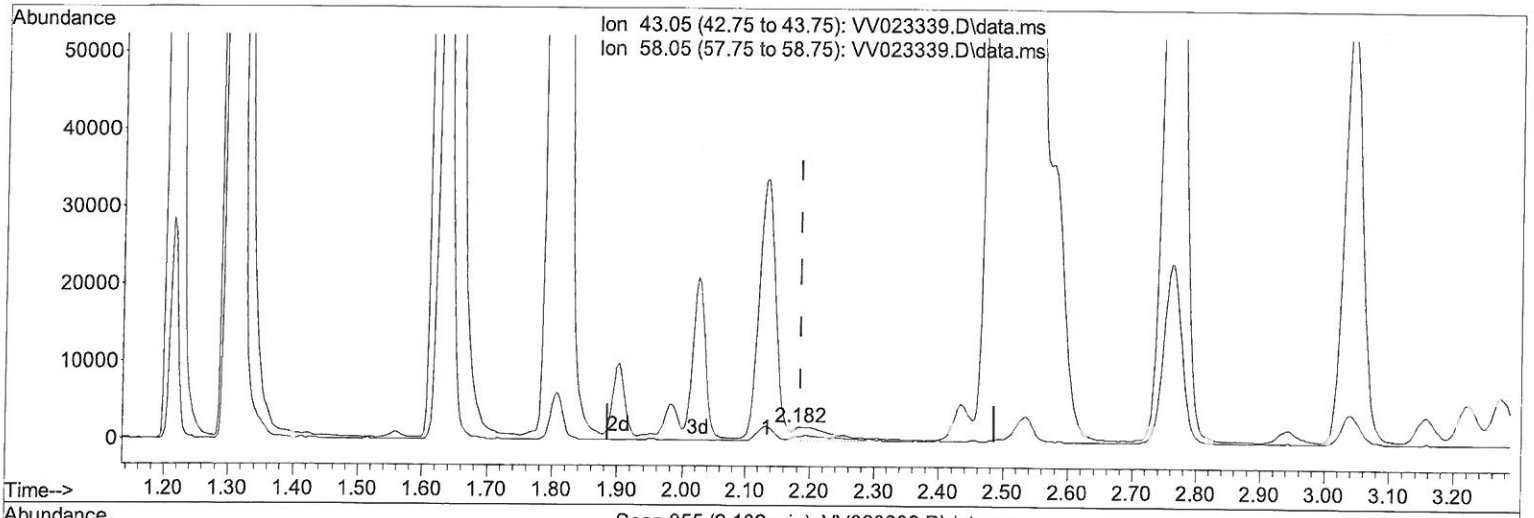

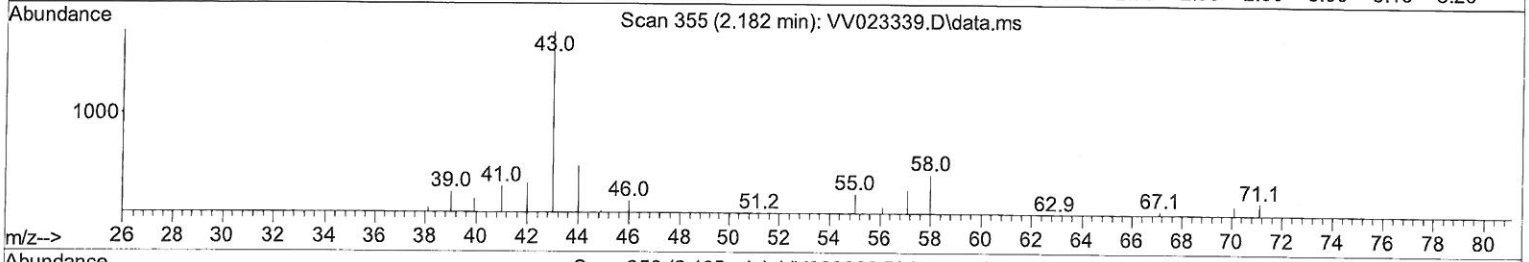

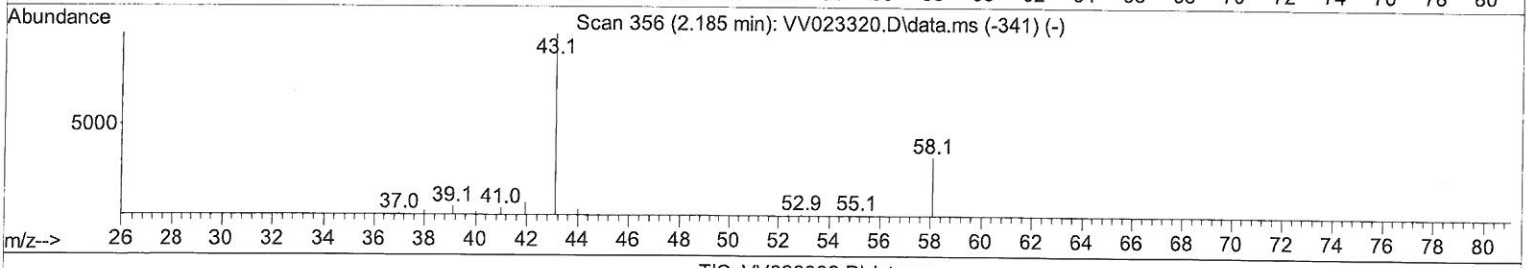

TIC: VV023339.D\data.ms

(13) Acetone (T)

2.182min (-0.003) 7.12 ug/L m

response 6777

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	45.71
0.00	0.00	0.00
0.00	0.00	0.00

11/19/21

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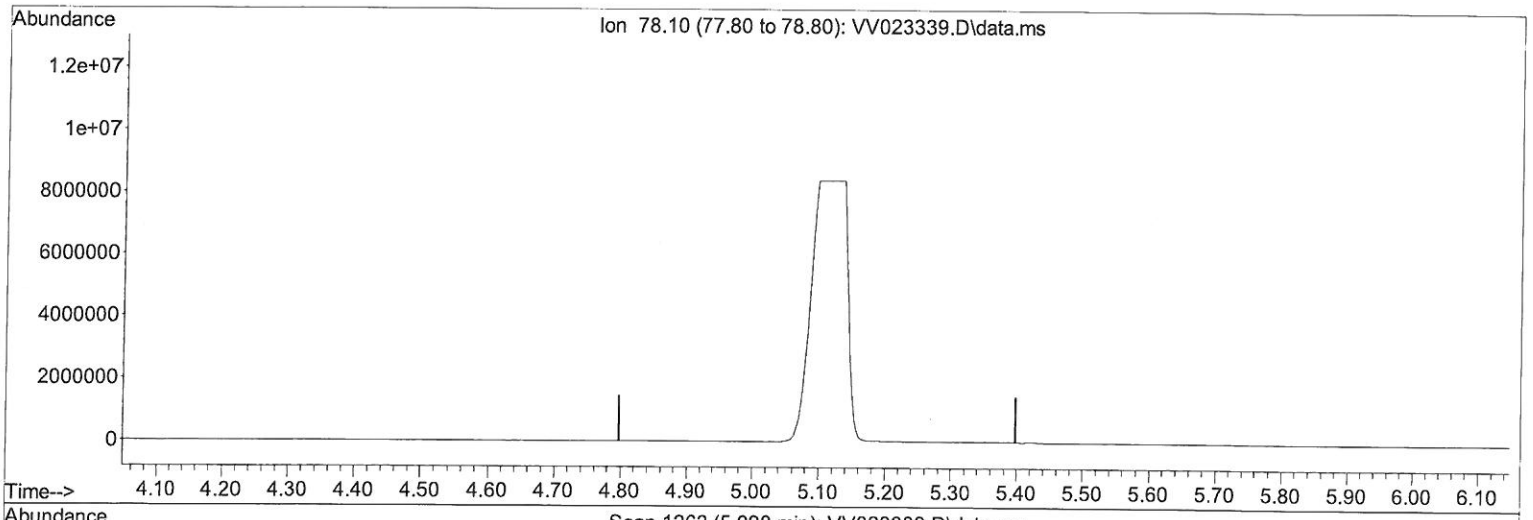

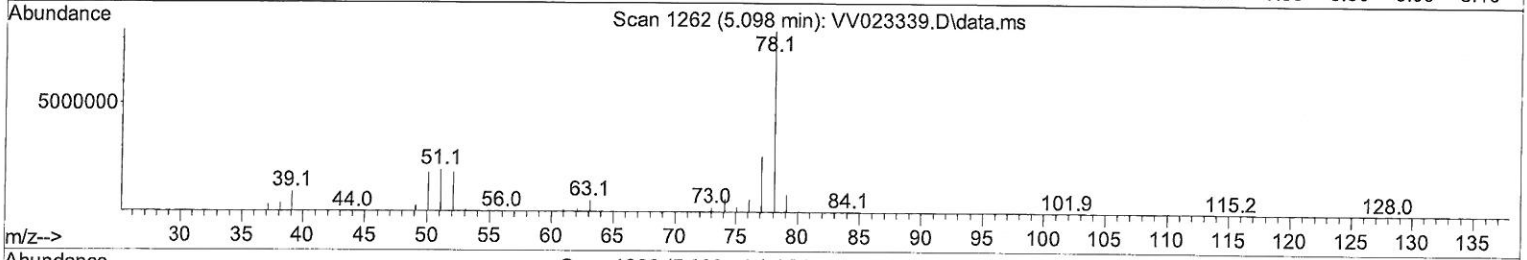

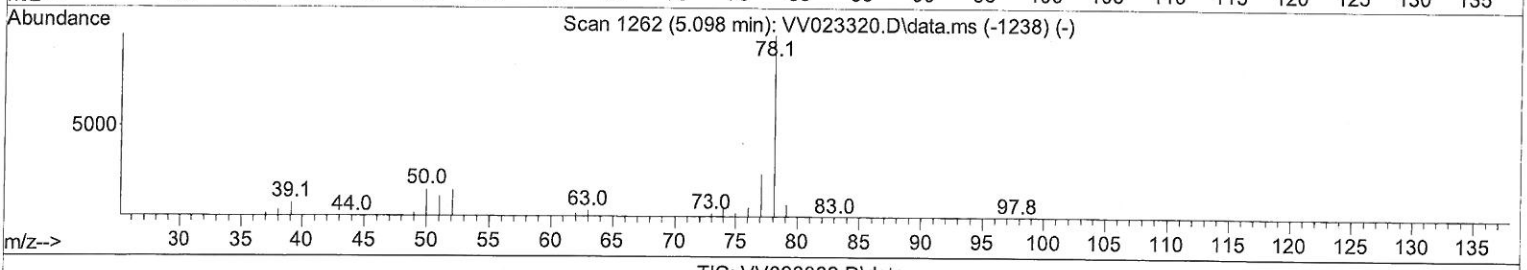

TIC: VV023339.D\data.ms

(33) Benzene (T)

5.098min (-5.098) 0.00 ug/L

response 0

Ion	Exp%	Act%
78.10	100.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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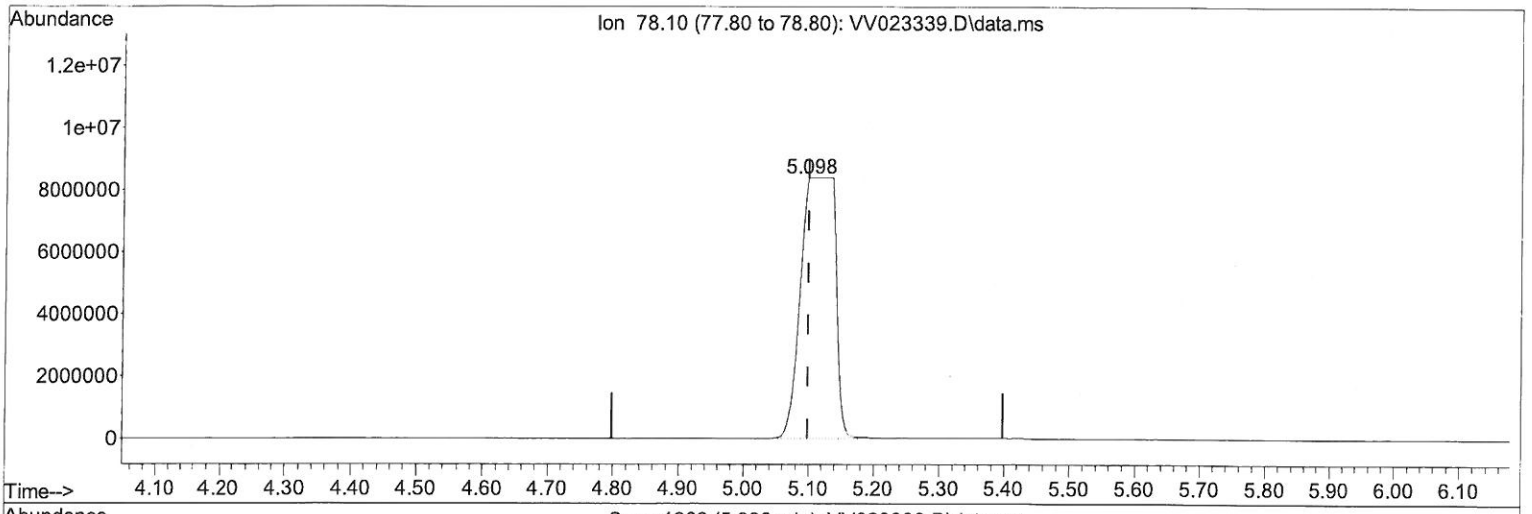

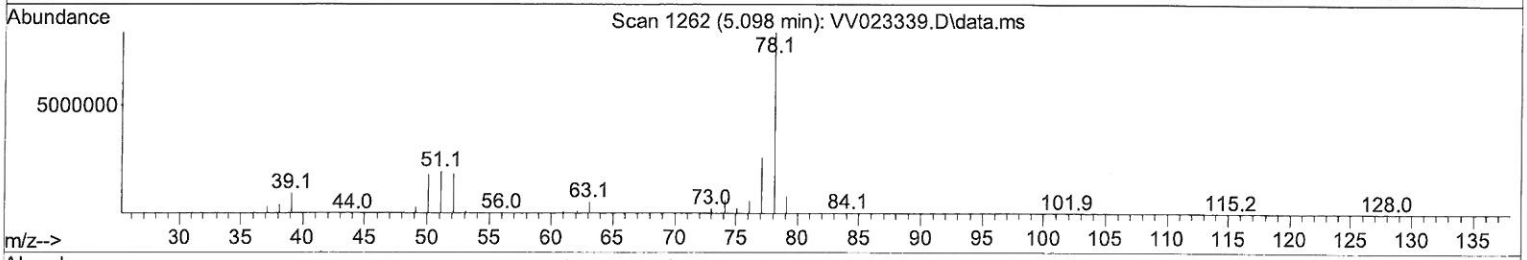

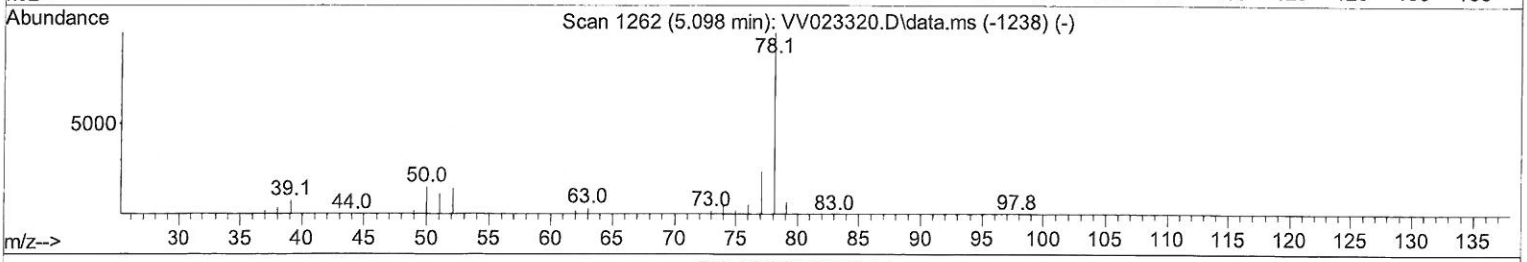

TIC: VV023339.D\data.ms

(33) Benzene (T)

5.098min (0.000) 818.25 ug/L m

response 30912325

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/19/21

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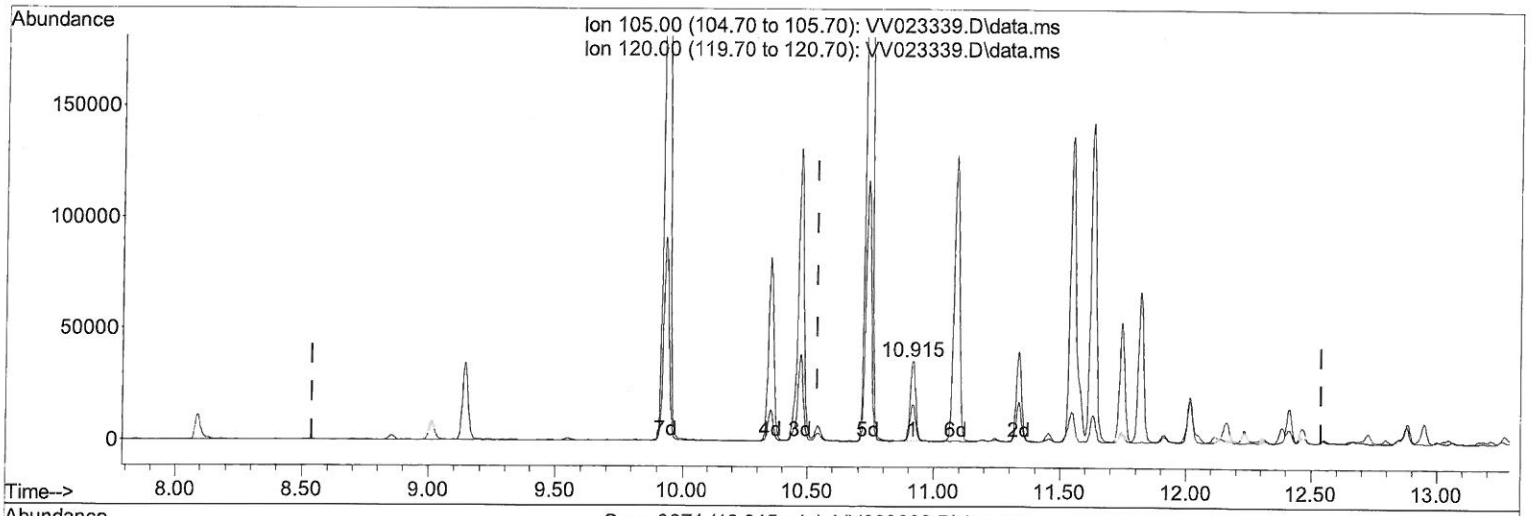

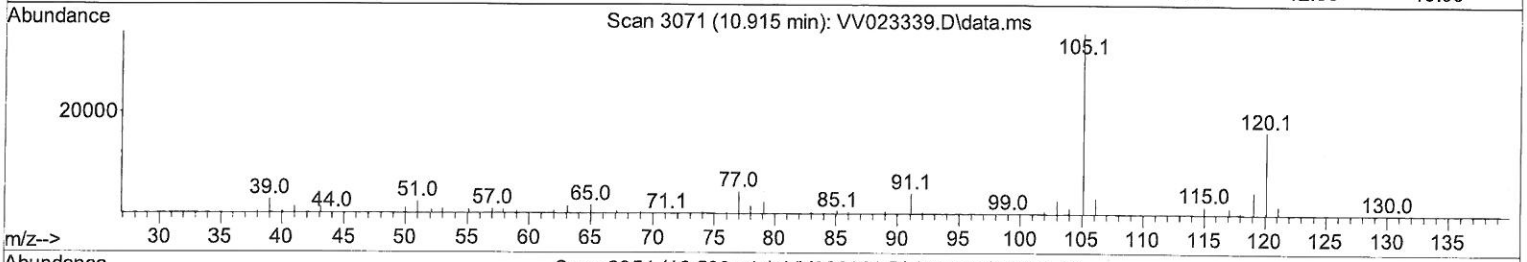

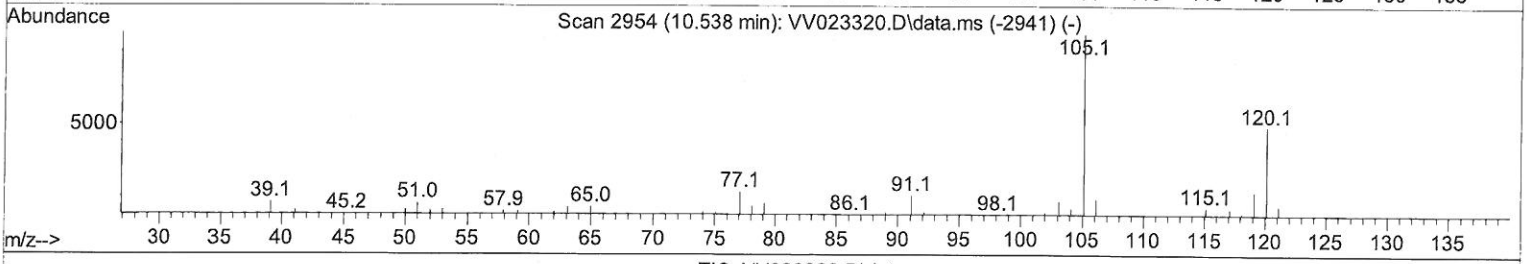

TIC: VV023339.D\data.ms

(62) 1,3,5-Trimethylbenzene (T)

10.915min (+ 0.376) 1.62 ug/L

response 54215

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	49.60	46.79
0.00	0.00	0.00
0.00	0.00	0.00

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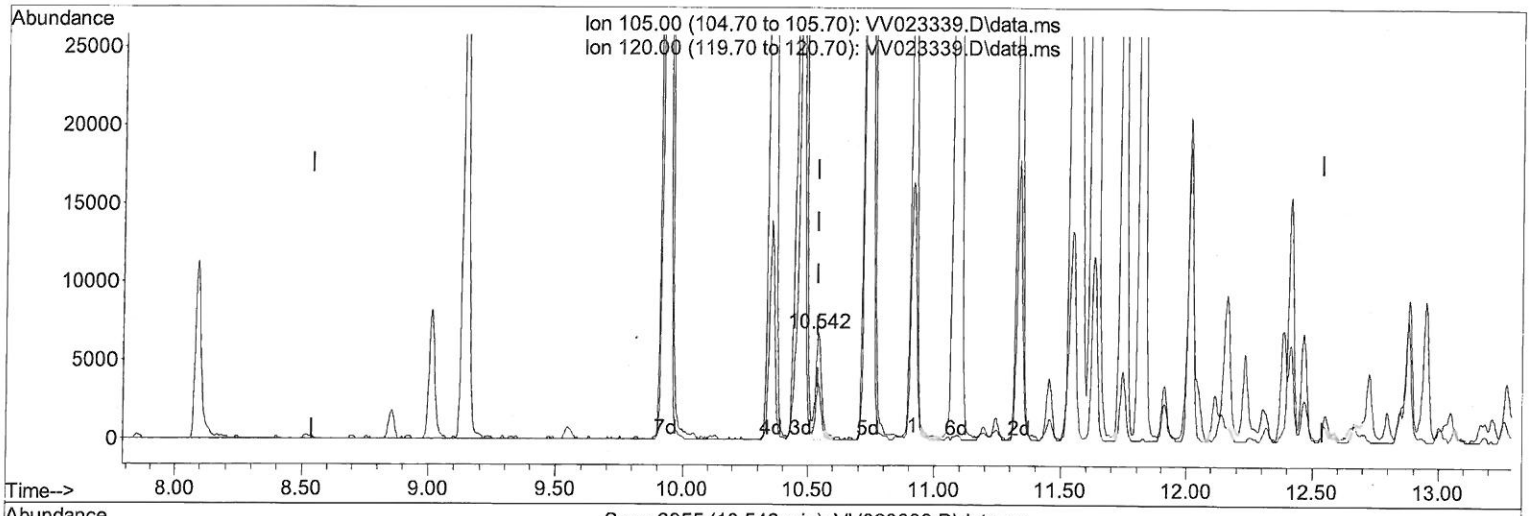

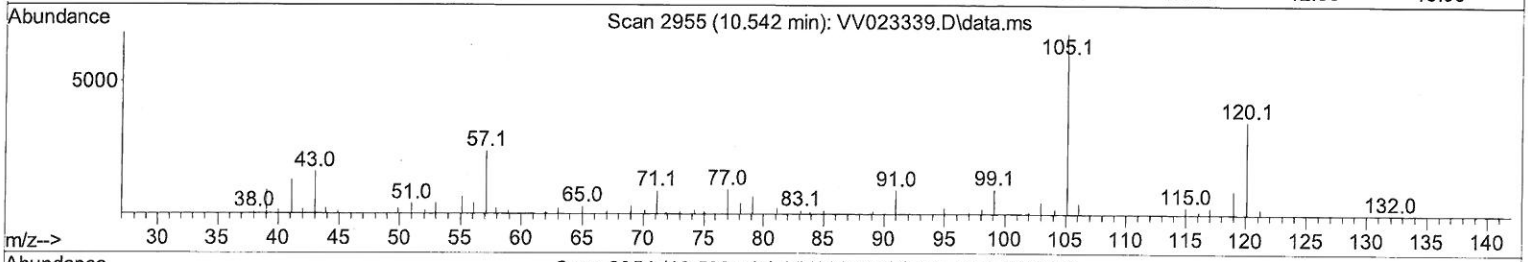

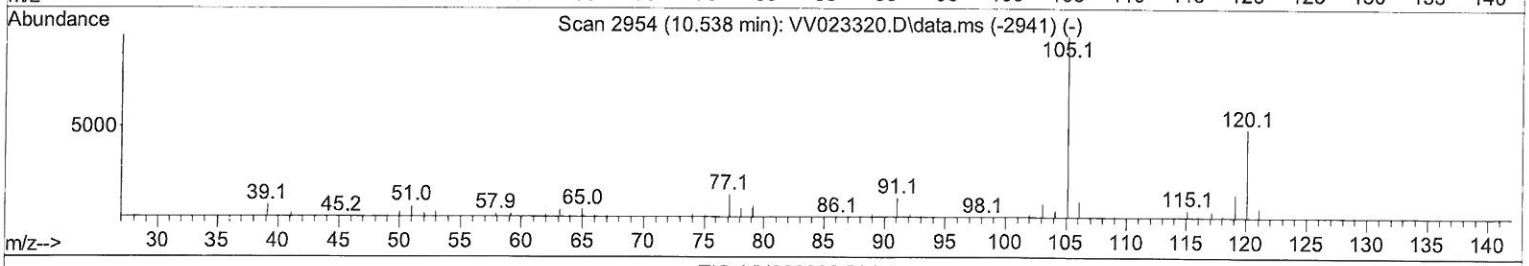

TIC: VV023339.D\data.ms

(62) 1,3,5-Trimethylbenzene (T)

10.542min (+ 0.003) 0.34 ug/L m

11/19/21

response 11493

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	49.60	220.70#
0.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	144426	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	26220	2.898	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.000%			
7) Chloroethane-d5	1.568	69	27164	3.684	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.600%			
11) 1,1-Dichloroethene-d2	2.108	63	39712	2.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 46.800%#			
20) 2-Butanone-d5	3.896	46	96348	61.811	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.620%			
24) Chloroform-d	4.355	84	81231	4.213	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.200%			
26) 1,2-Dichloroethane-d4	5.043	65	39701	4.579	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.059	84	150491	4.339	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.072	67	48413	4.742	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.317	98	131853	4.057	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.200%			
43) trans-1,3-Dichloroprop...	7.625	79	15440	3.989	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.800%			
46) 2-Hexanone-d5	8.088	63	85391	59.955	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 119.900%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35775	4.873	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	53357	4.564	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	27057	2.263	ug/L	99
8) Chloroethane	1.587	64	3657	0.530	ug/L	99
13) Acetone	2.182	43	6777m	7.115	ug/L	
18) trans-1,2-Dichloroethene	2.764	96	6943	0.656	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	554586	54.429	ug/L #	93
30) Cyclohexane	4.680	56	1377148	93.621	ug/L	99
33) Benzene	5.098	78	30912325m	818.254	ug/L	
34) Trichloroethene	5.921	95	12132	1.208	ug/L	97
35) Methylcyclohexane	6.130	83	329838	20.801	ug/L	90
42) Toluene	7.391	91	175900	4.353	ug/L	98
52) Ethylbenzene	9.014	91	235998	5.538	ug/L	98
53) m,p-xylene	9.143	106	113468	6.784	ug/L	95
54) o-xylene	9.548	106	2827	0.180	ug/L	78
60) Isopropylbenzene	9.931	105	517413	12.842	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	11493m	0.344	ug/L	
63) 1,2,4-Trimethylbenzene	10.915	105	54215	1.630	ug/L	100

MD 11/19/21

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

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