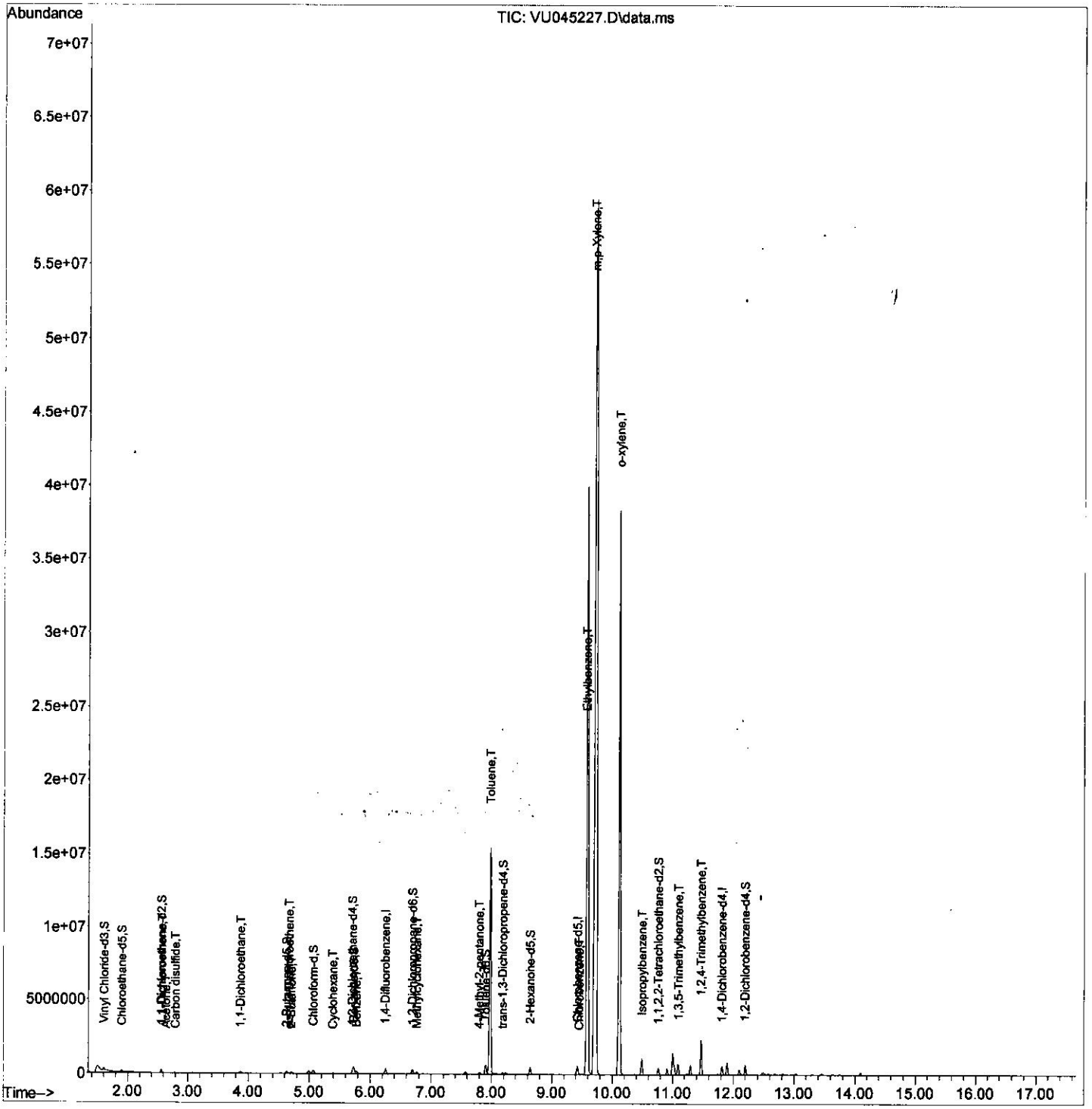
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
Data File : VU045227.D
Acq On : 07 Oct 2021 23:04
Operator : SY/MD
Sample : M4138-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 08 02:13:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 22:18:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
EW7F8

Manual Integrations APPROVED
MMDadoda
10/11/2021 1:55:21 PM



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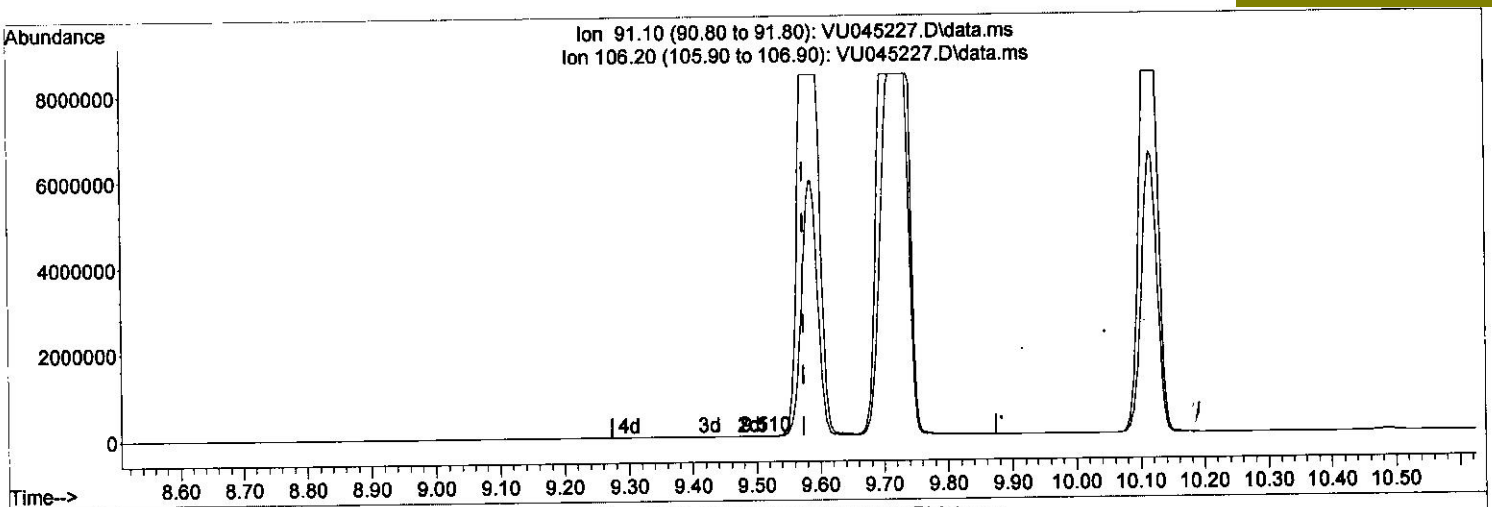

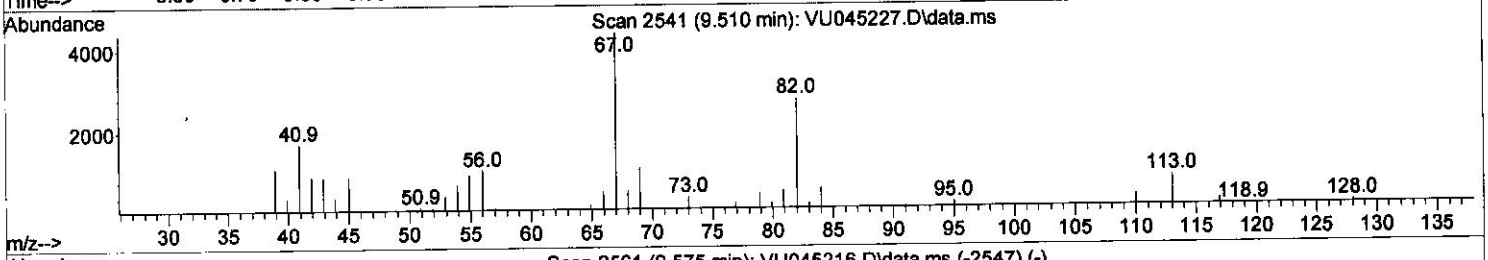

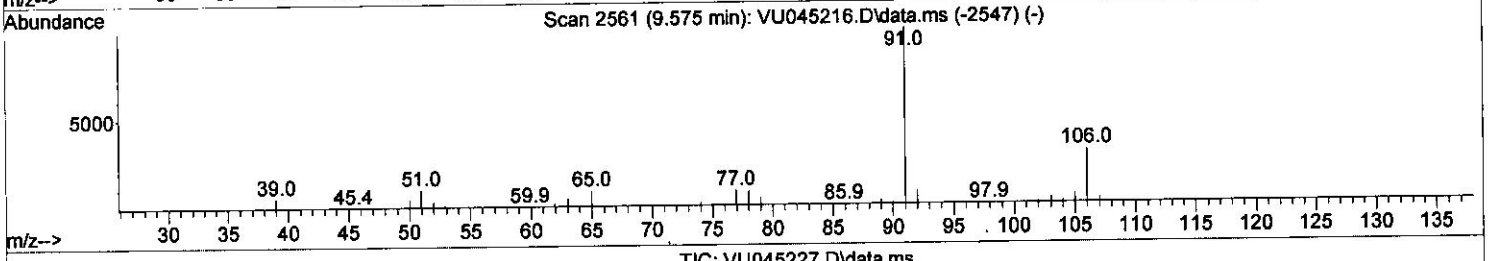

TIC: VU045227.D\data.ms

(52) Ethylbenzene (T)

9.510min (-0.064) 0.00 ug/L

response 46

Ion	Exp%	Act%
91.10	100.00	100.00
106.20	30.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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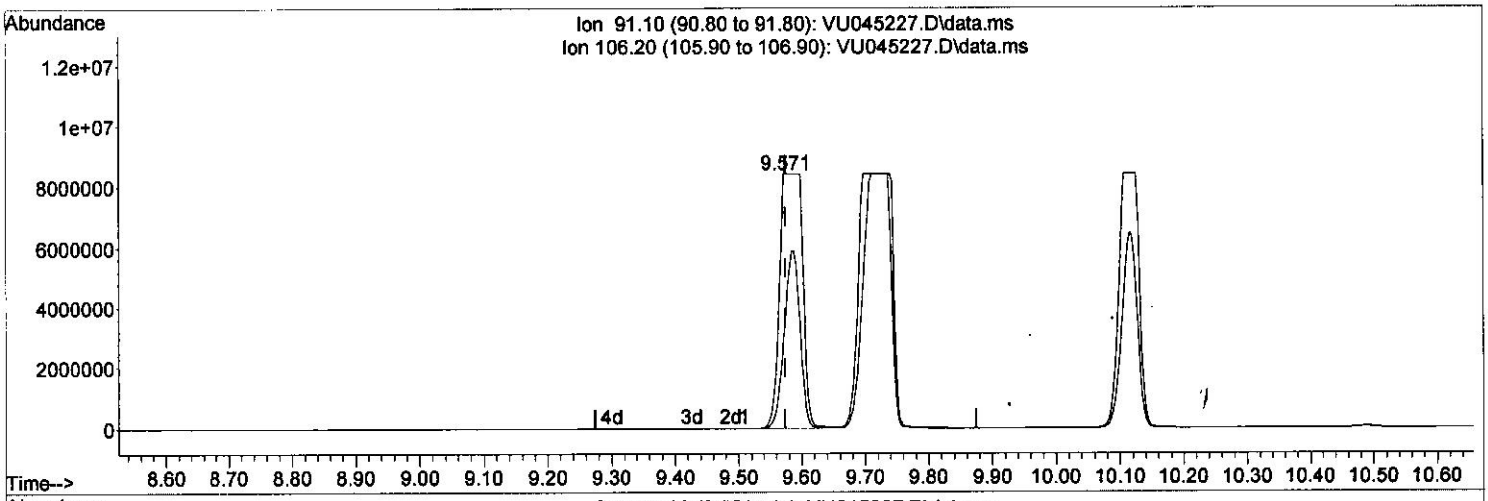

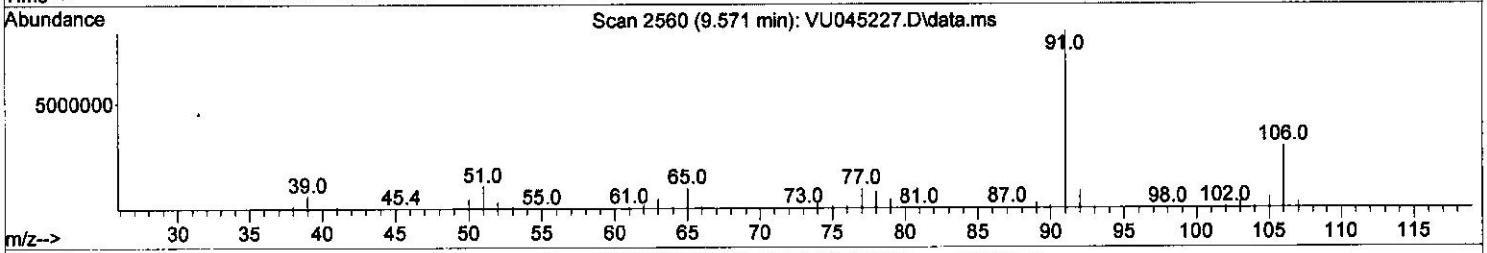

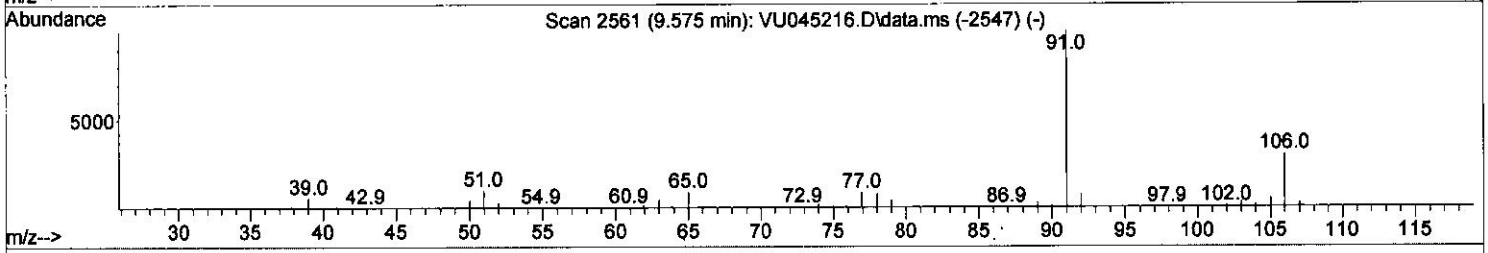

TIC: VU045227.D\data.ms

(52) Ethylbenzene (T)

9.571min (-0.003) 1730.67 ug/L m MD 10/27/21

response 20949478

Ion	Exp%	Act%
91.10	100.00	100.00
106.20	30.30	34.66
0.00	0.00	0.00
0.00	0.00	0.00

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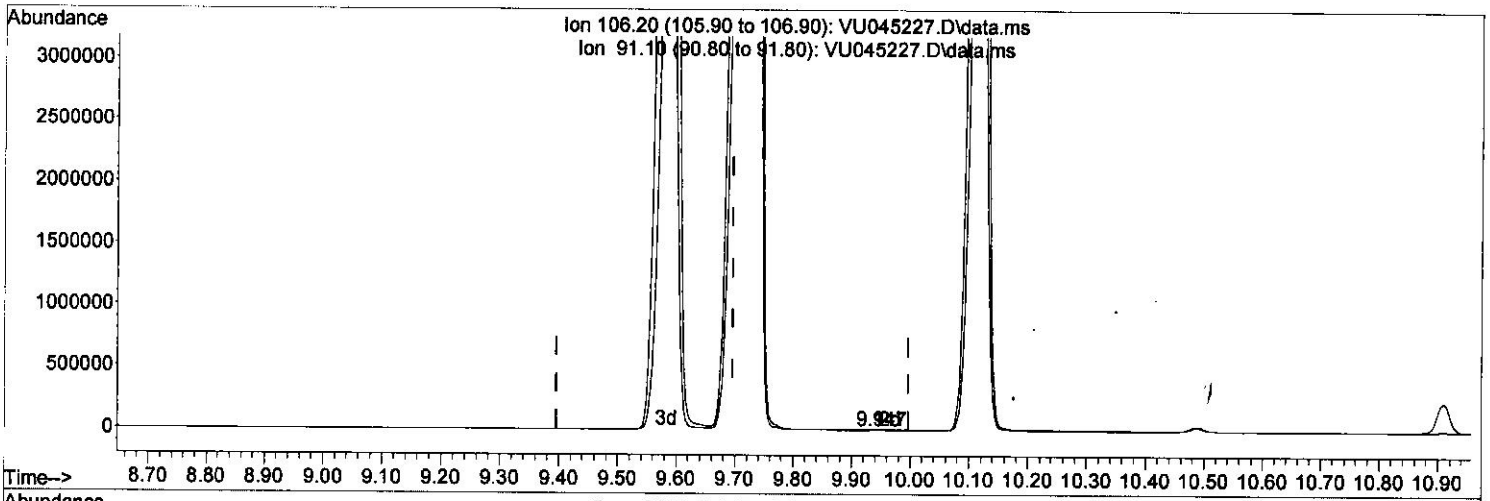

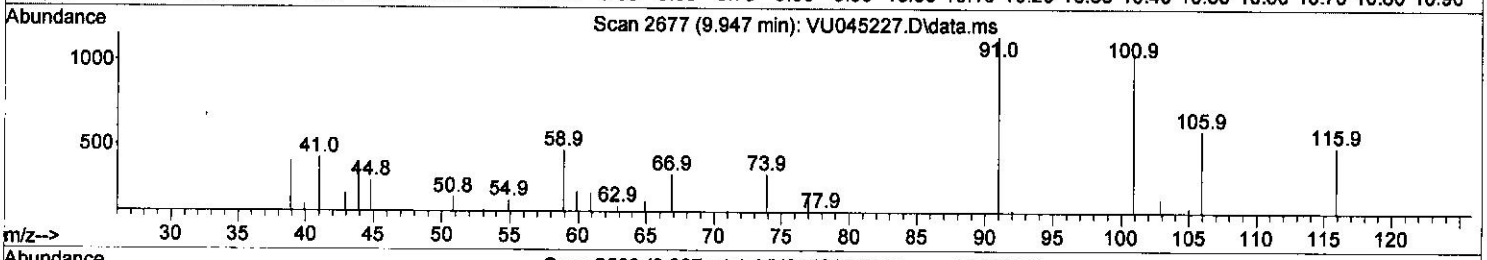

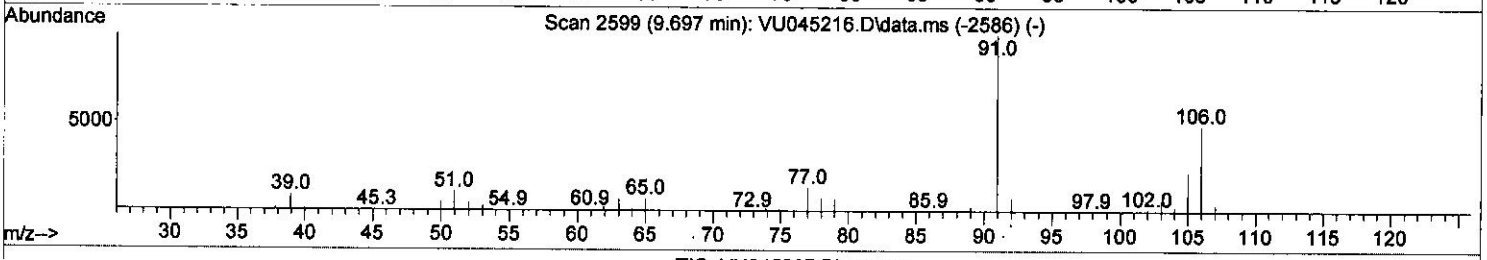

TIC: VU045227.D\data.ms

(53) m,p-Xylene (T)

9.947min (+ 0.251) 0.05 ug/L

response 225

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	209.50	194.59
0.00	0.00	0.00
0.00	0.00	0.00

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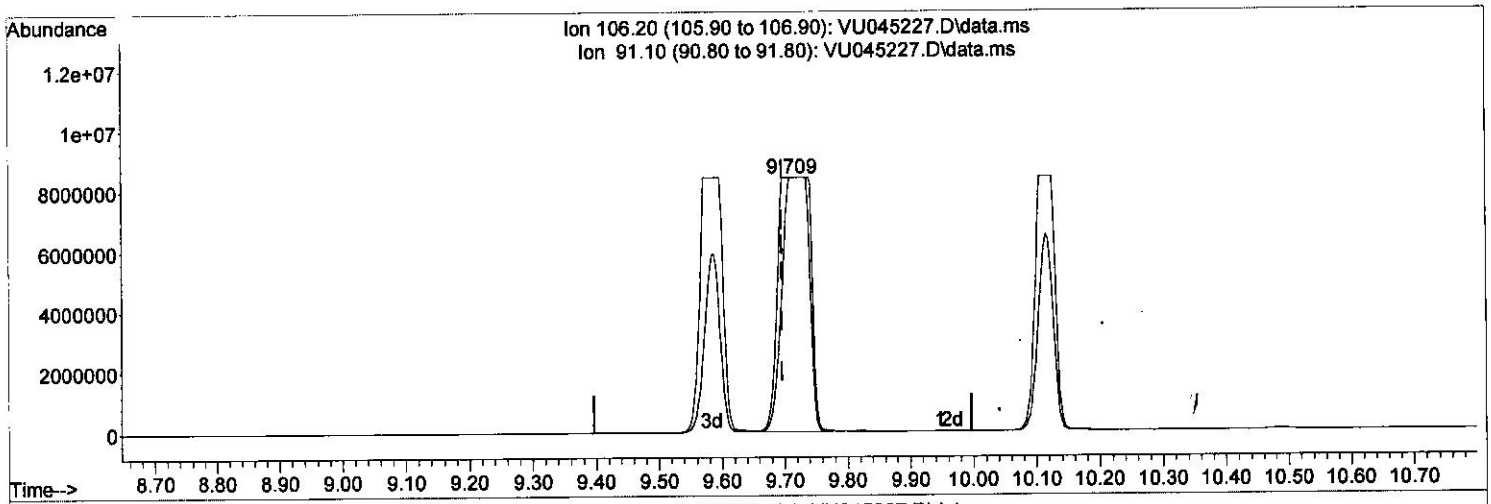
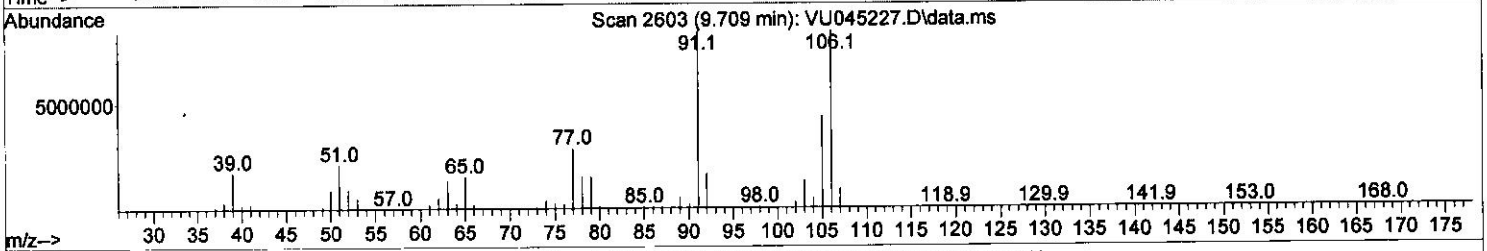
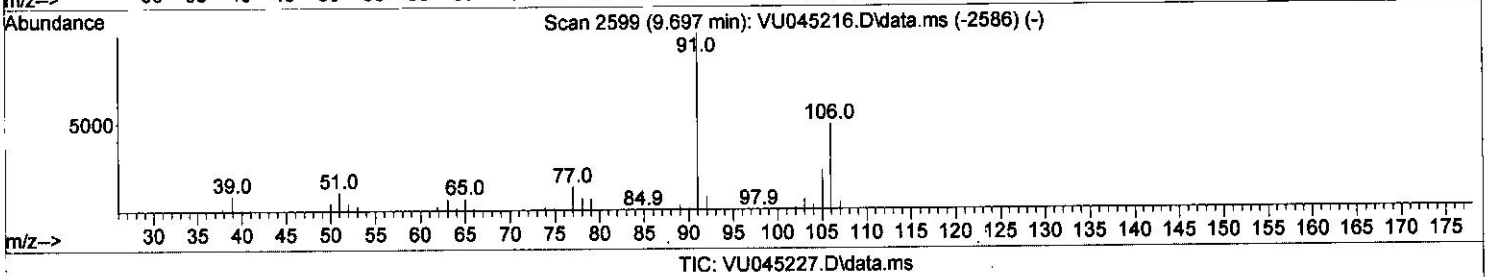
Manual Integrations APPROVED
MMDadoda
10/11/2021 1:55:21 PM







TIC: VU045227.D\data.ms

(53) m,p-Xylene (T)

9.709min (+ 0.013) 5394.44 ug/L m

MD 10/25/21

response 24736733

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	209.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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Manual Integrations APPROVED
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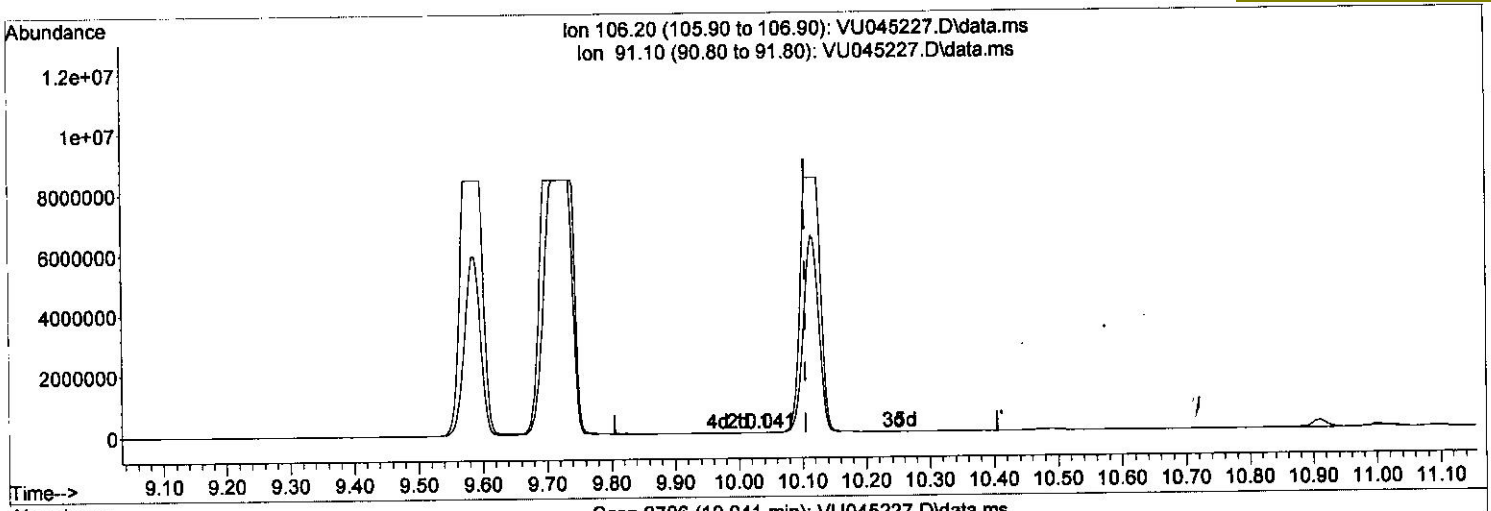

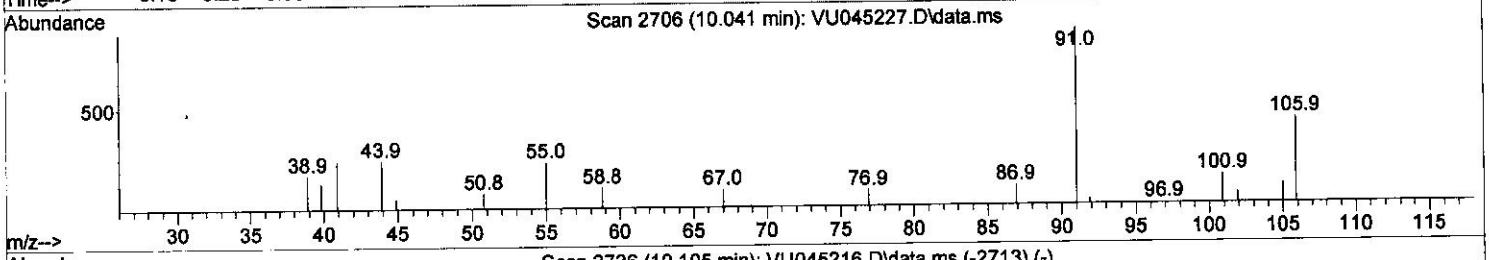

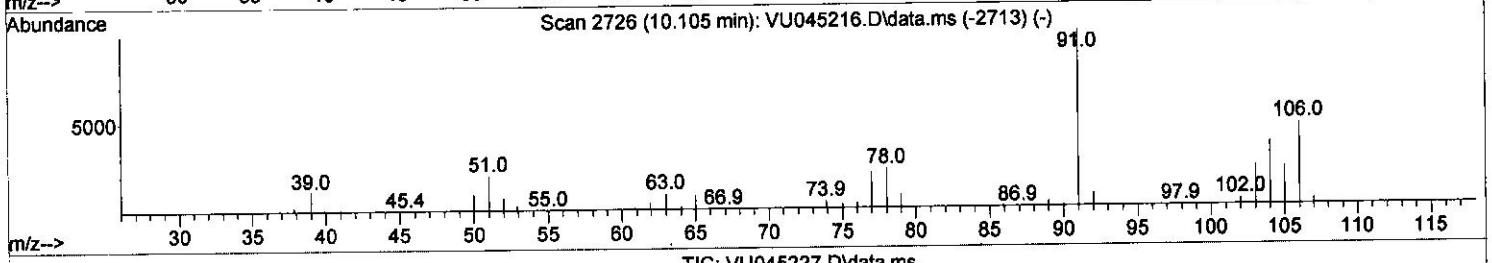

TIC: VU045227.D\data.ms

(54) o-xylene (T)

10.041min (-0.064) 0.02 ug/L

response 69

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	218.40	182.57
0.00	0.00	0.00
0.00	0.00	0.00

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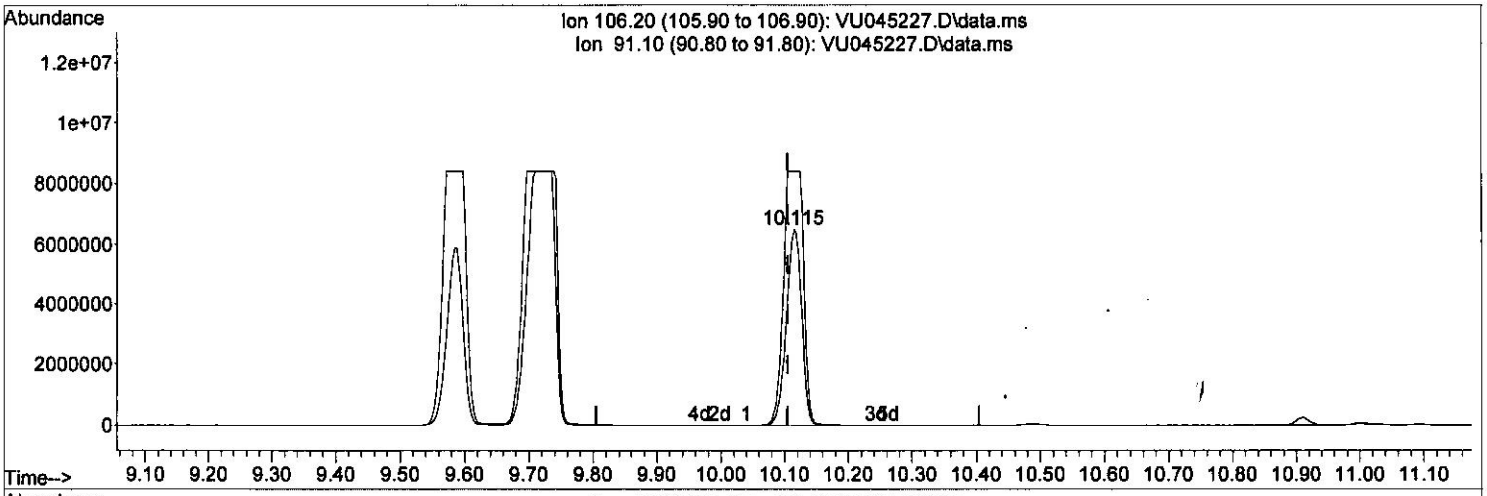

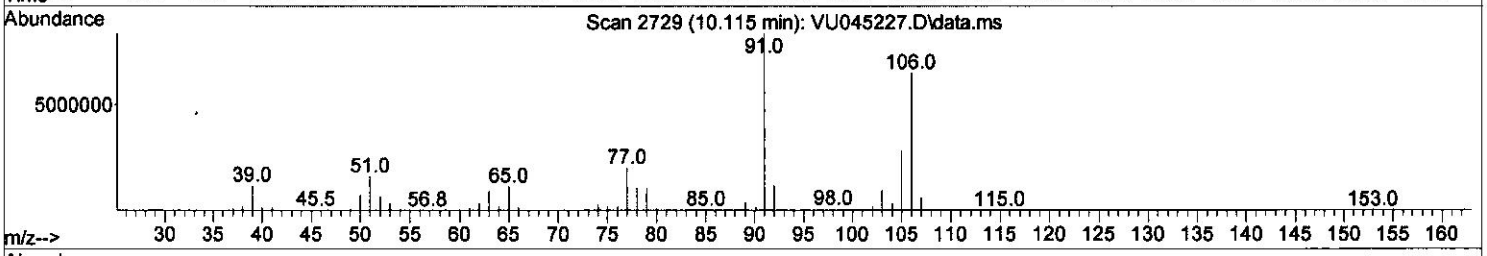

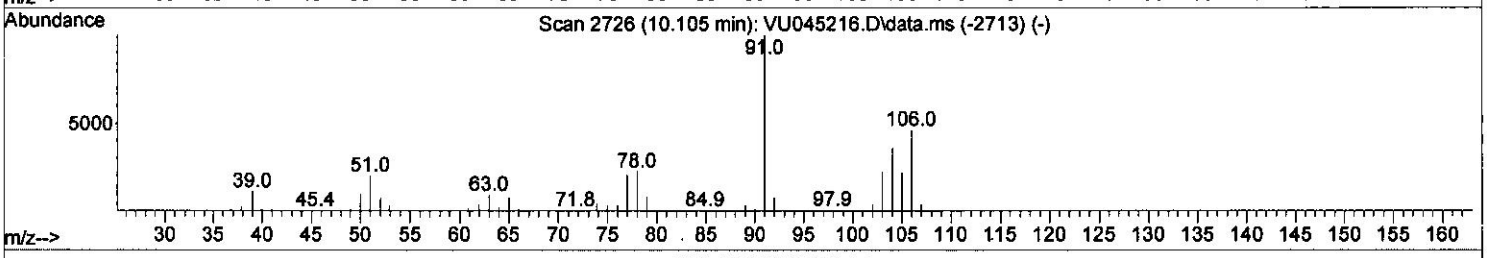

TIC: VU045227.D\data.ms

(54) o-xylene (T)

10.115min (+ 0.009) 2382.95 ug/L m

response 10737799

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	218.40	129.04#
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	6.253	114	298476	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	304063	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	149450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	116568	35.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 71.360%			
7) Chloroethane-d5	1.896	69	99473	38.418	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.840%			
11) 1,1-Dichloroethene-d2	2.562	63	155423	28.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.640%#			
21) 2-Butanone-d5	4.629	46	214968	83.219	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 83.220%			
24) Chloroform-d	5.067	84	207142	40.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.280%			
26) 1,2-Dichloroethane-d4	5.706	65	147622	42.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.460%			
32) Benzene-d6	5.729	84	432634	41.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.000%			
36) 1,2-Dichloropropane-d6	6.693	67	139893	40.663	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.320%			
41) Toluene-d8	7.902	98	400472	43.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.960%			
43) trans-1,3-Dichloroprop...	8.182	79	62532	40.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.720%			
47) 2-Hexanone-d5	8.639	63	157230	82.470	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 82.470%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224975	41.995	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.000%			
66) 1,2-Dichlorobenzene-d4	12.195	152	149296	45.903	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.568	96	2355	1.019	ug/L #	1
13) Acetone	2.636	43	12430	4.163	ug/L	100
14) Carbon disulfide	2.793	76	19816	2.676	ug/L	98
19) 1,1-Dichloroethane	3.874	63	136291	26.906	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	3218	1.199	ug/L	87
22) 2-Butanone	4.710	43	111045	33.227	ug/L	98
29) Cyclohexane	5.388	56	15732	3.442	ug/L	97
33) Benzene	5.777	78	175364	15.550	ug/L	100
35) Methylcyclohexane	6.767	83	48857	10.773	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	81535	15.896	ug/L	97
42) Toluene	7.976	91	10725225	935.997	ug/L	96
51) Chlorobenzene	9.452	112	3307	0.467	ug/L	92
52) Ethylbenzene	9.571	91	20949478m	1730.667	ug/L	
53) m,p-Xylene	9.709	106	24736733m	5394.439	ug/L	
54) o-xylene	10.115	106	10737799m	2382.954	ug/L	
61) Isopropylbenzene	10.488	105	681733	62.330	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	388129	42.492	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	1289439	137.855	ug/L	100

MD 10/12/21