

Quantitation Report (QT Reviewed)

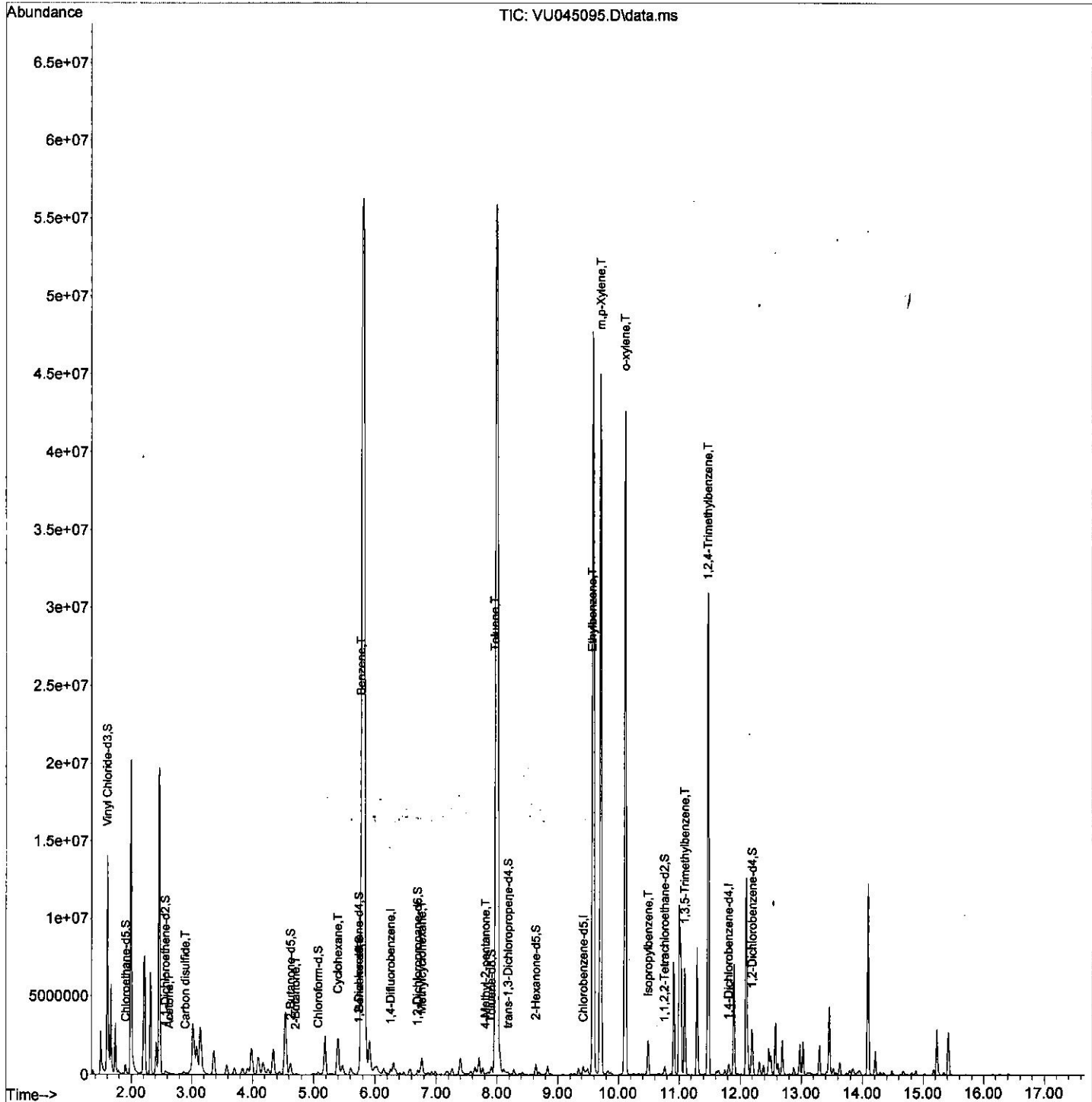
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045095.D
 Acq On : 04 Oct 2021 14:48
 Operator : SY/MD
 Sample : M3996-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A14

Quant Time: Oct 05 02:45:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

Manual Integrations
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 10/11/2021 11:53:41 AM



Quantitation Report (Qedit)

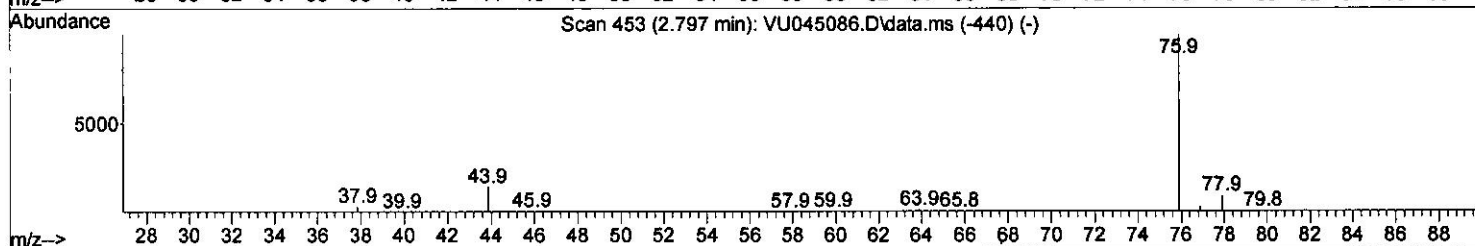
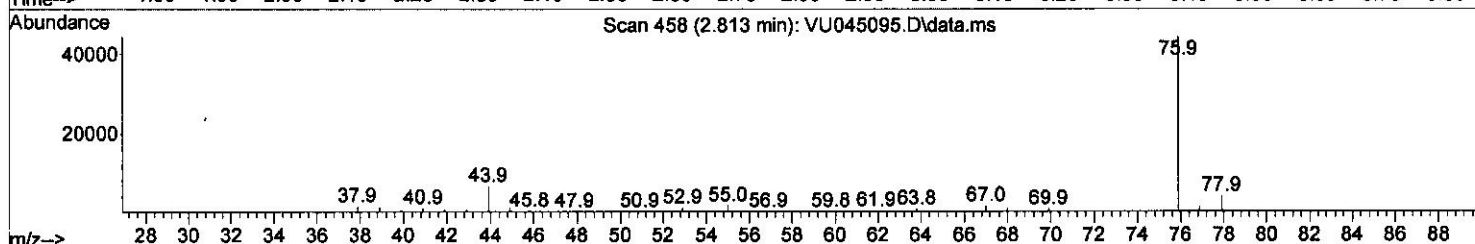
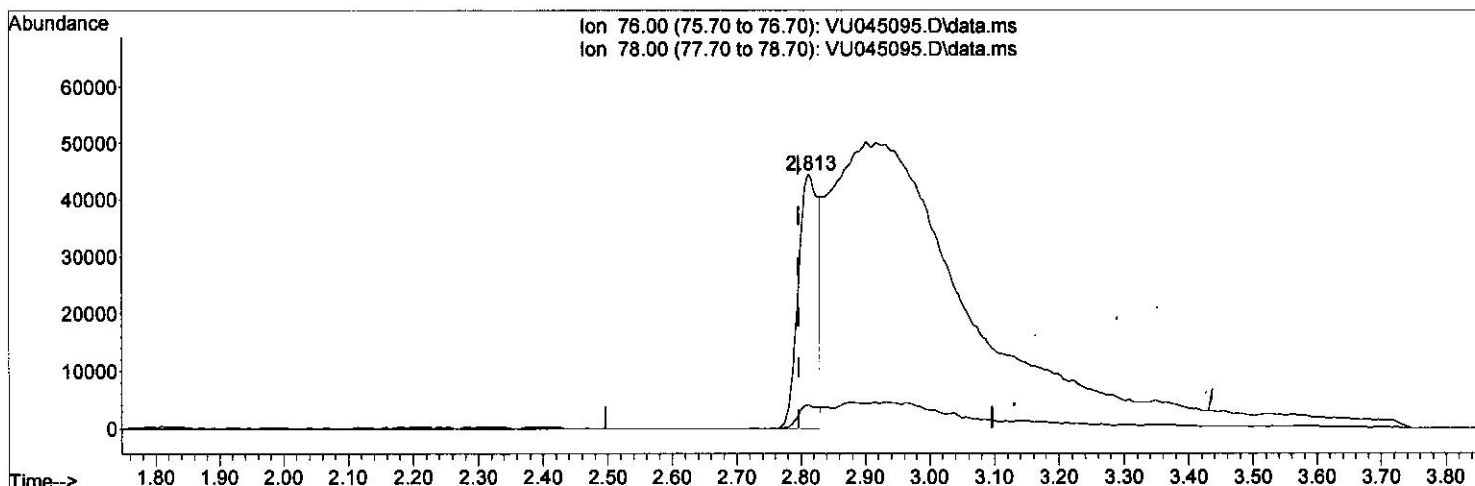
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TIC: VU045095.D\data.ms

(14) Carbon disulfide (T)

2.813min (+ 0.016) 12.98 ug/L

response 95402

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.10	9.15
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

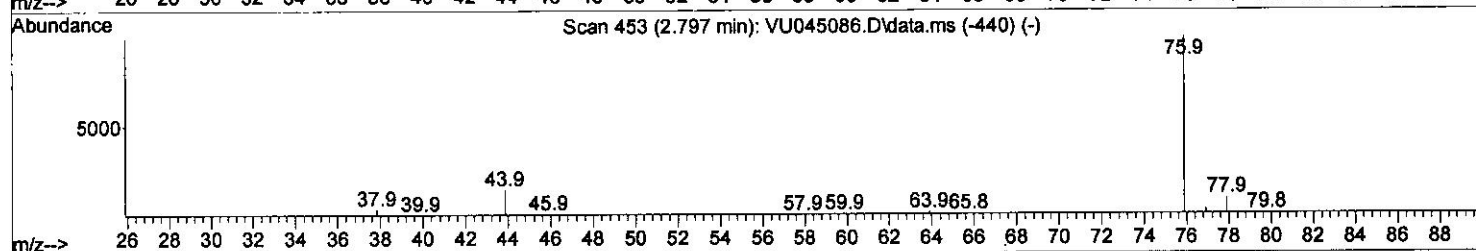
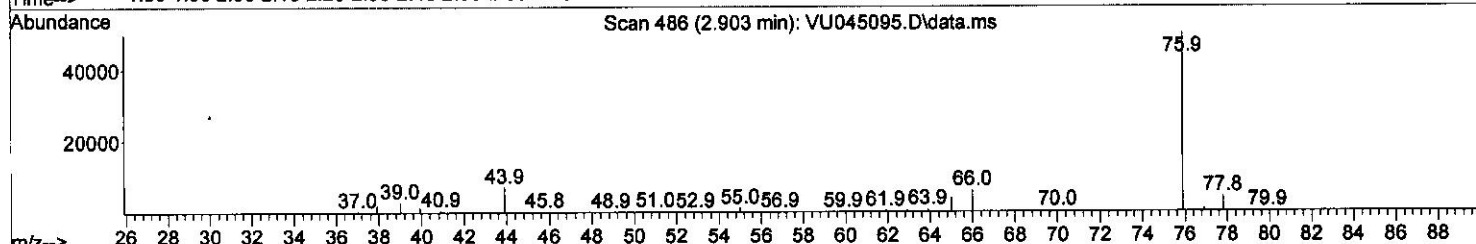
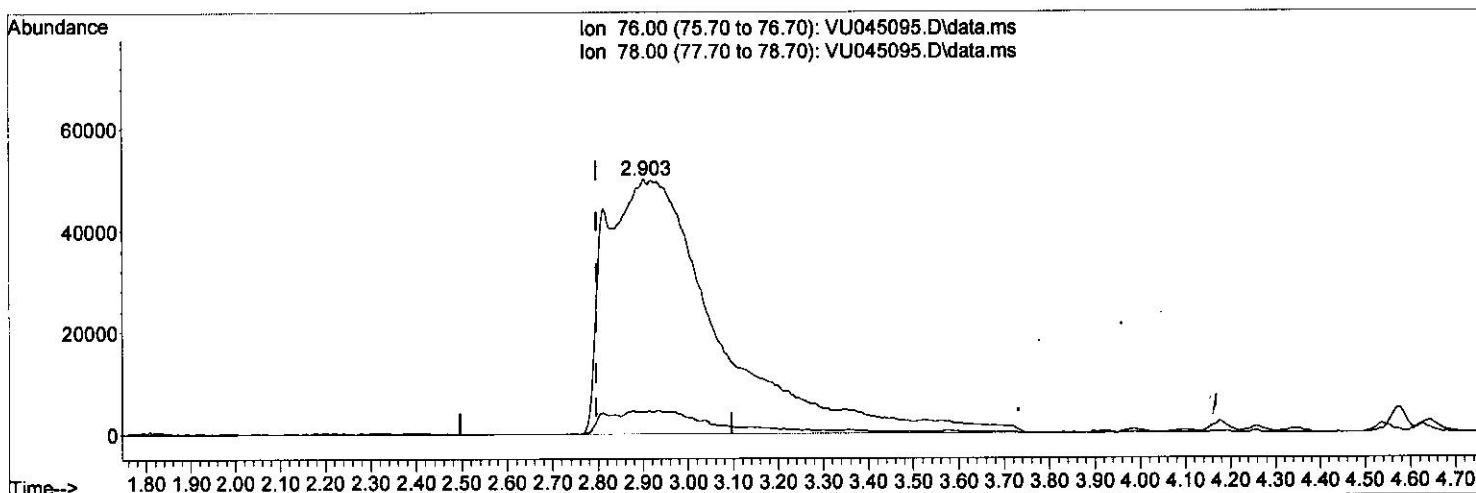
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TIC: VU045095.D\data.ms

(14) Carbon disulfide (T)

2.903min (+ 0.106) 118.79 ug/L m

response 872934

Ion	Exp%	Act%
76.00	100.00	100.00
78.00	9.10	8.52
0.00	0.00	0.00
0.00	0.00	0.00

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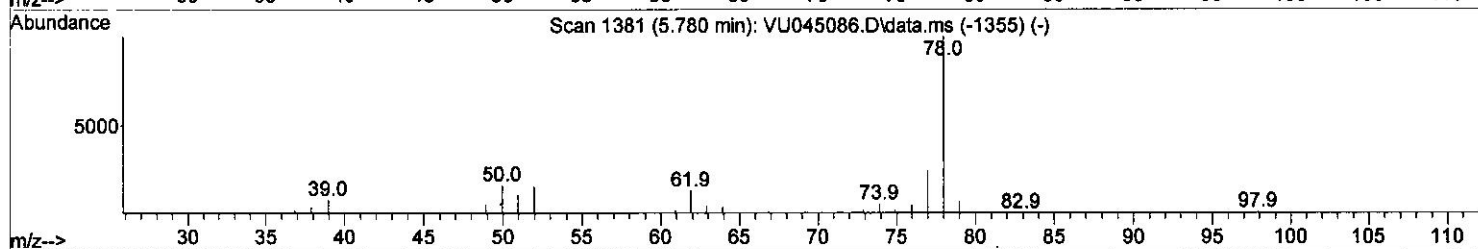
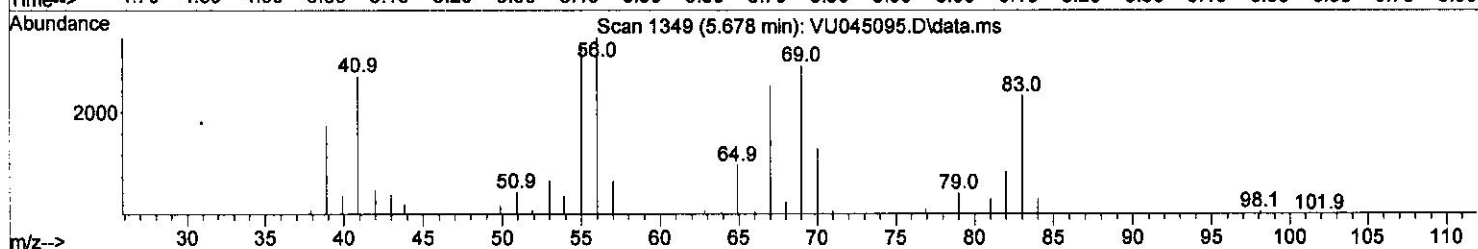
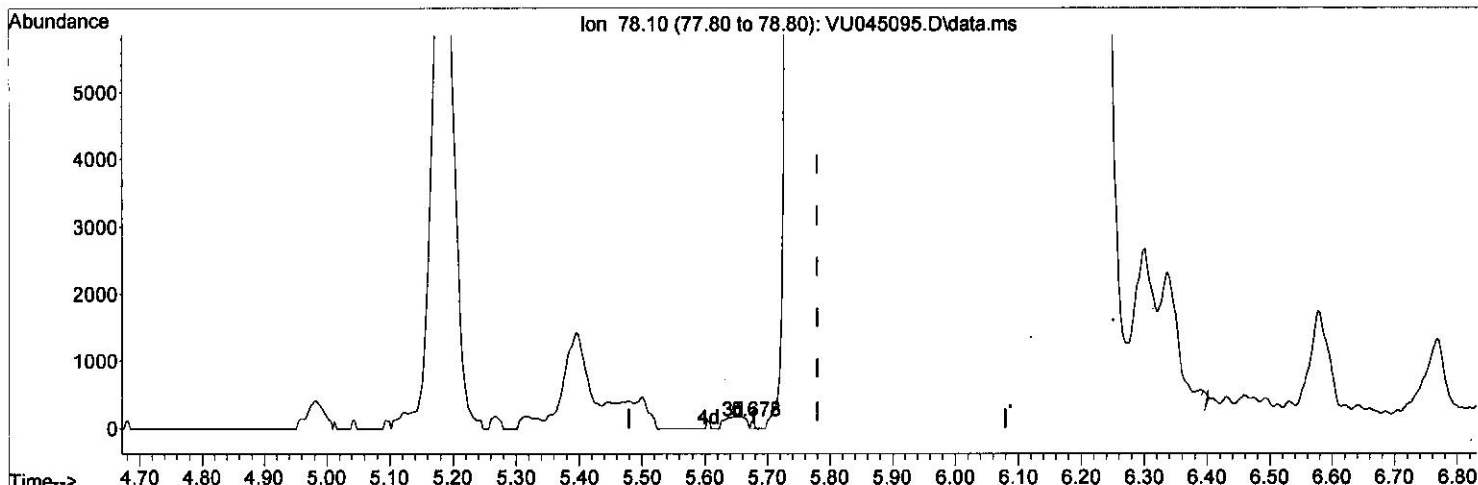
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TIC: VU045095.D\data.ms

(33) Benzene (T)

5.678min (-0.103) 0.00 ug/L

response 43

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

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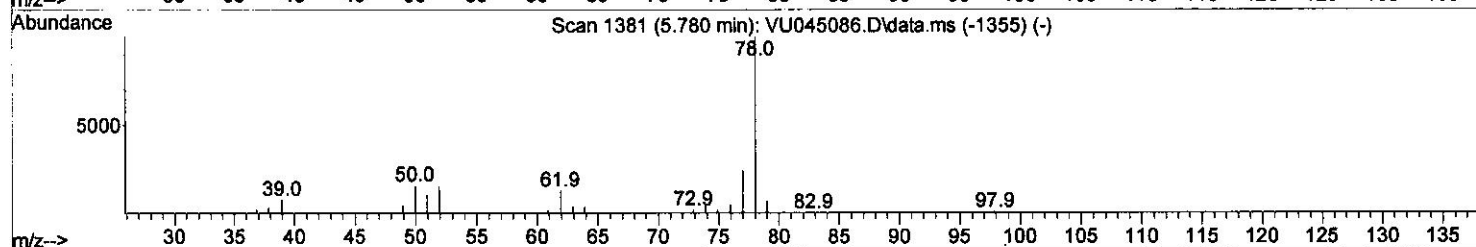
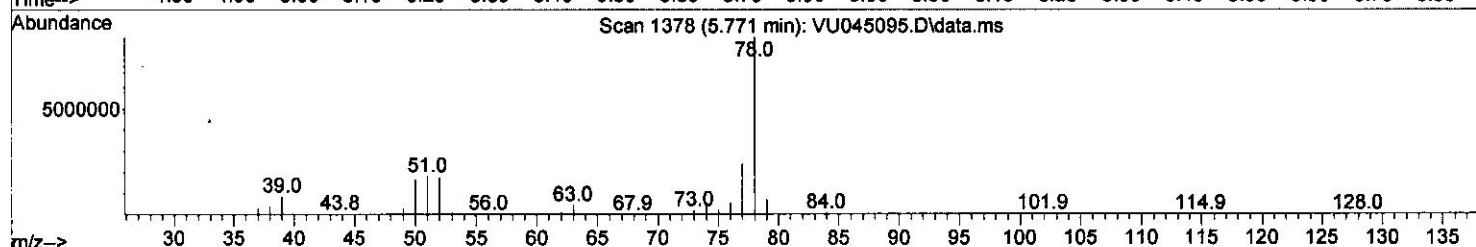
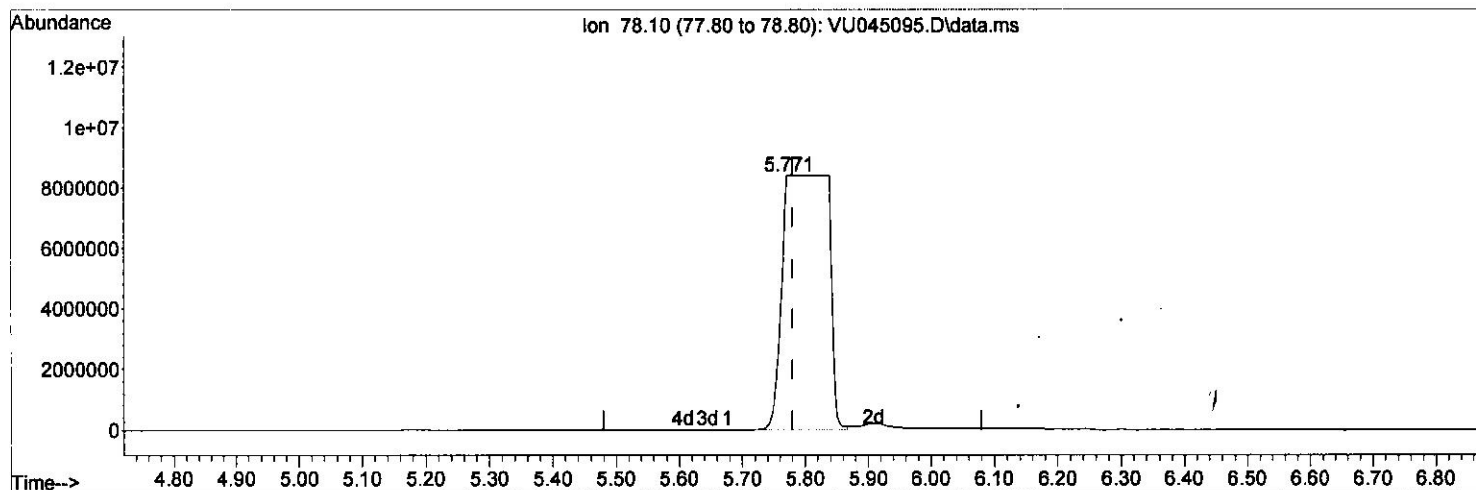
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TIC: VU045095.D\data.ms

(33) Benzene (T)

5.771min (-0.010) 3711.80 ug/L m } *and*
10/20/21

response 42134739

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

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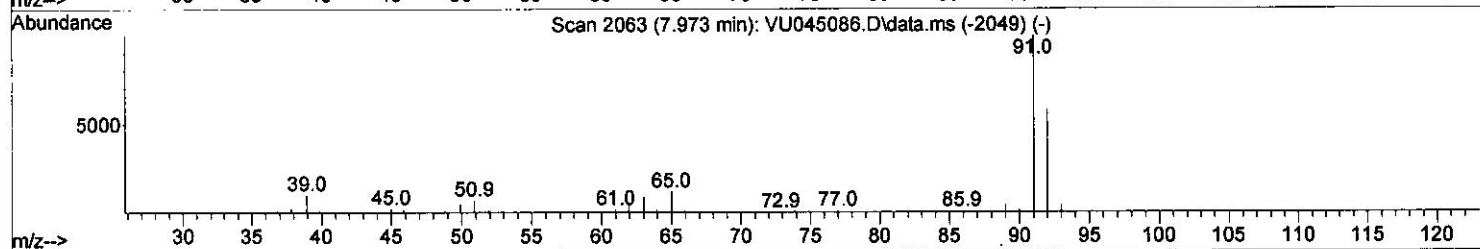
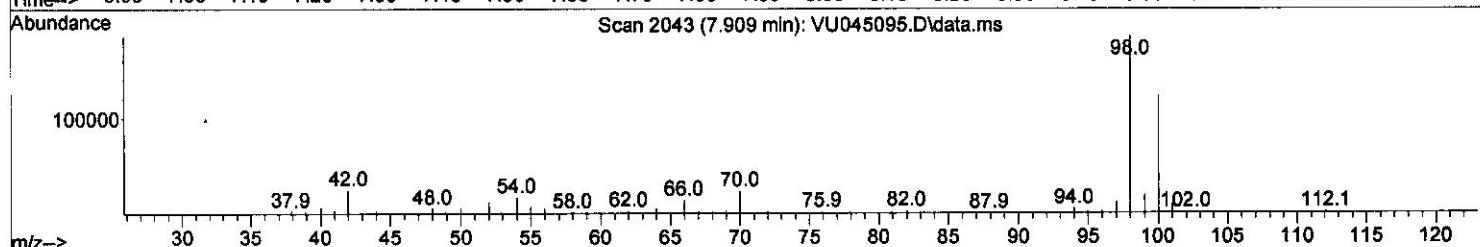
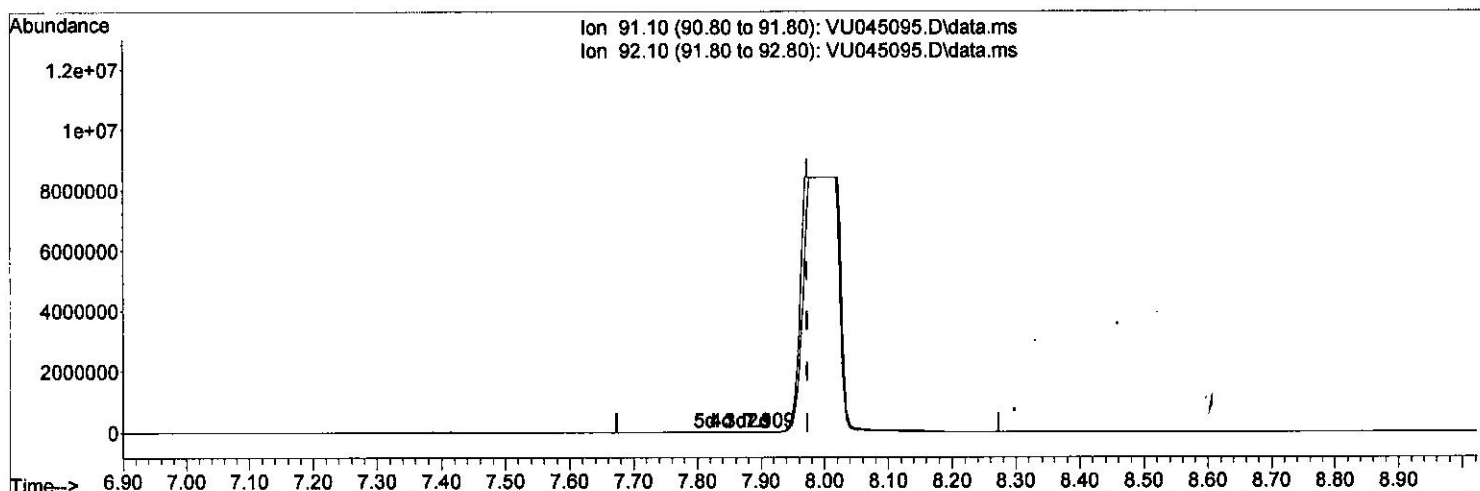
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TIC: VU045095.D\data.ms

(42) Toluene (T)

7.909min (-0.064) 0.00 ug/L

response 51

Ion	Exp%	Act%
91.10	100.00	100.00
92.10	57.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

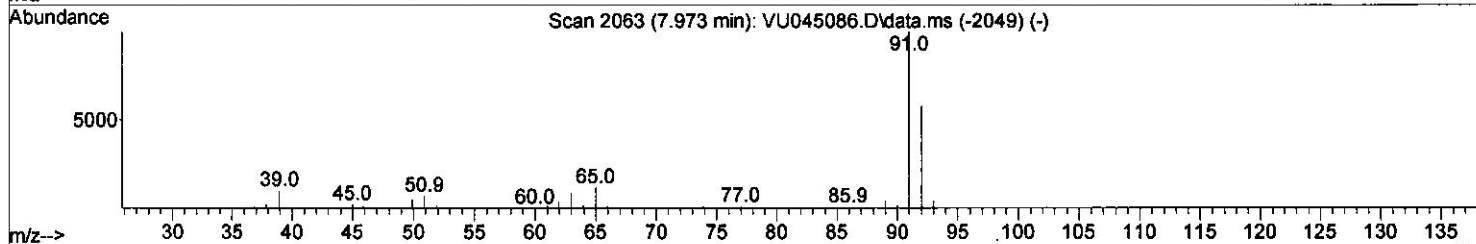
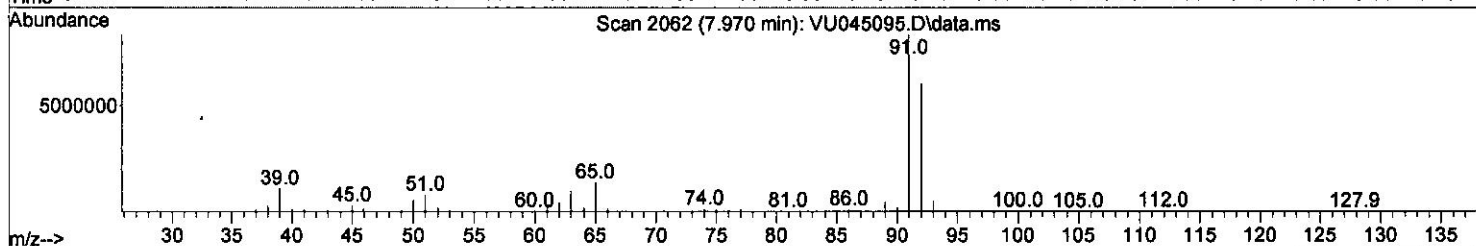
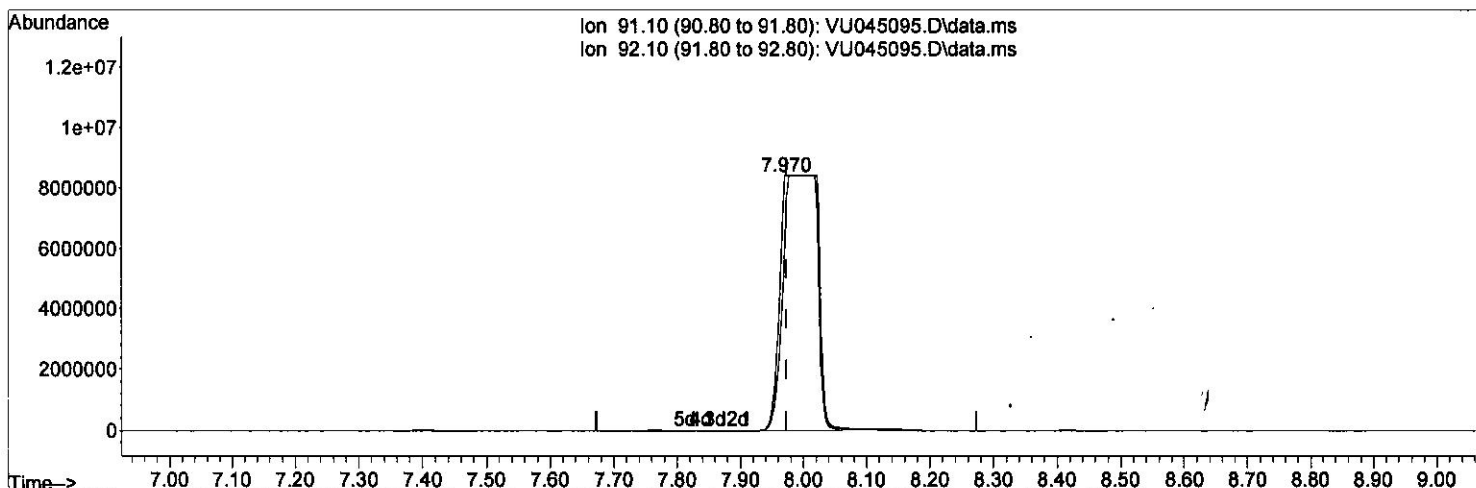
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TIC: VU045095.D\data.ms

(42) Toluene (T)

7.970min (-0.003) 2964.63 ug/L

response 34193552

Ion	Exp%	Act%
91.10	100.00	100.00
92.10	57.80	71.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

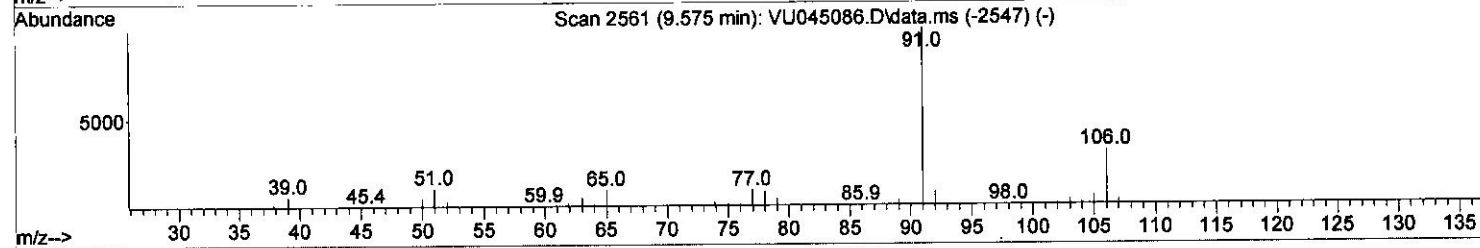
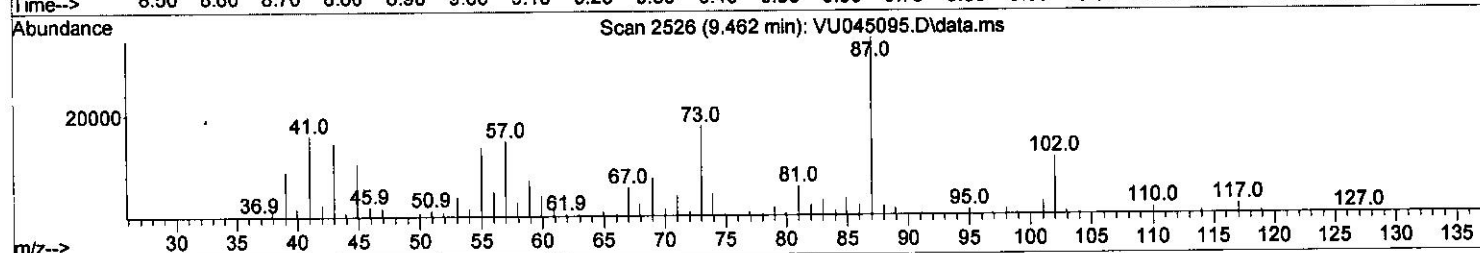
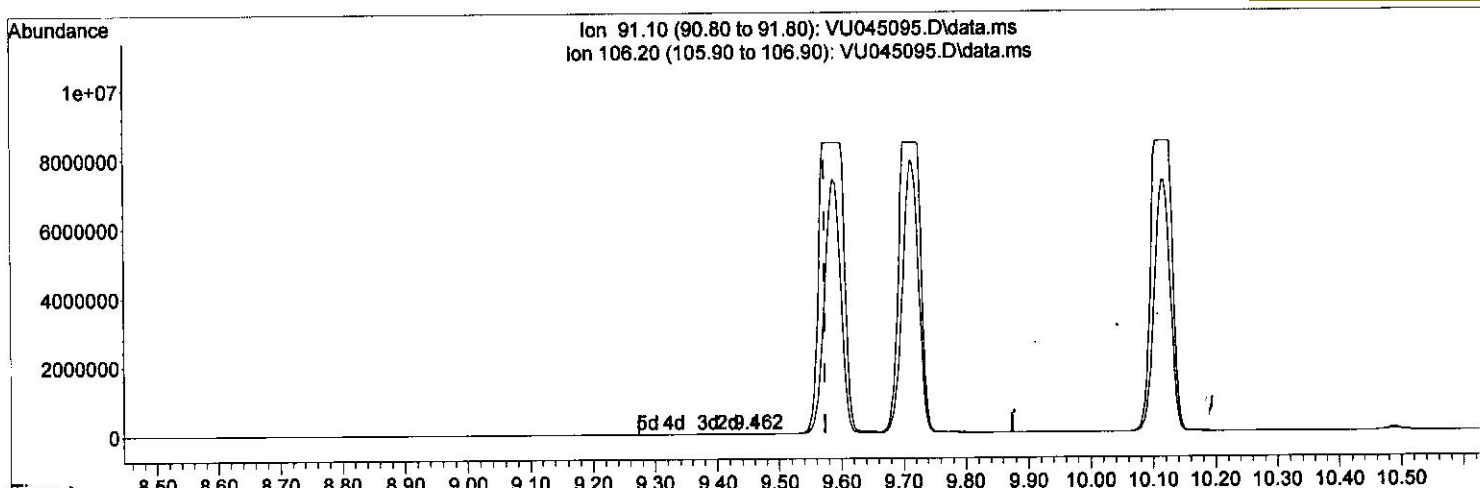
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TIC: VU045095.D\data.ms

(52) Ethylbenzene (T)

9.462min (-0.113) 0.02 ug/L

response 265

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

Quantitation Report (Qedit)

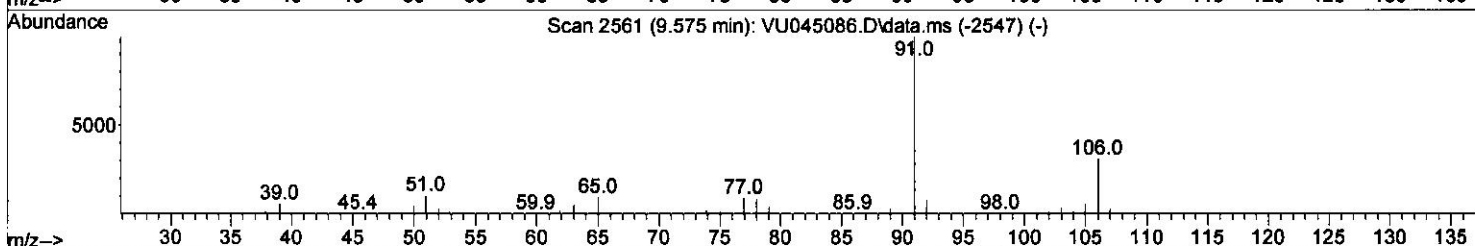
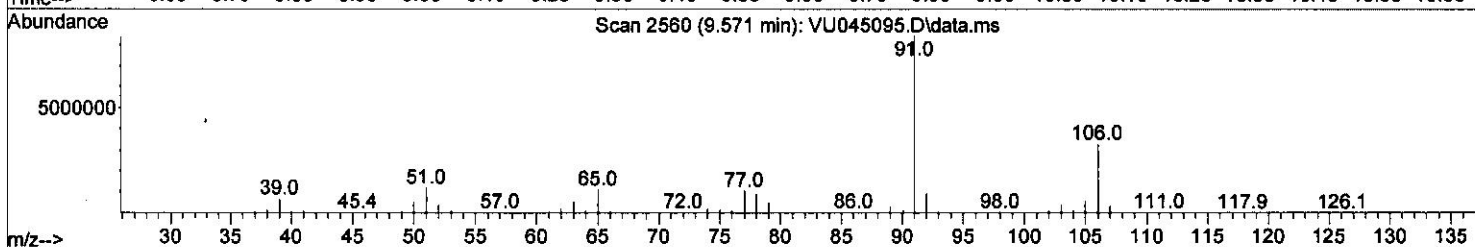
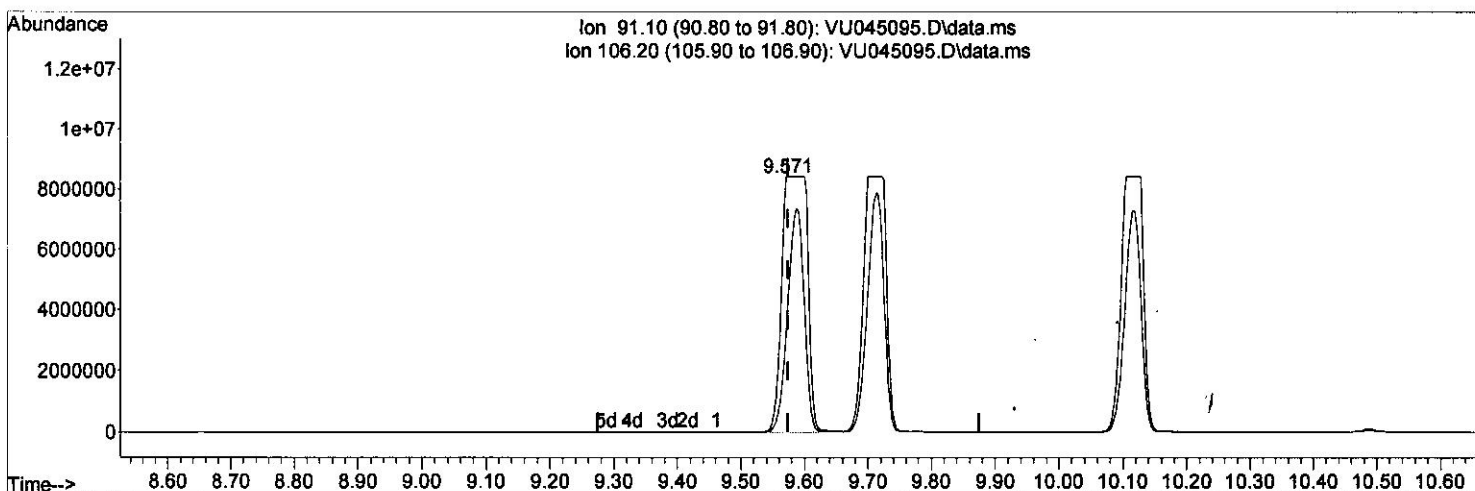
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TIC: VU045095.D\data.ms

(52) Ethylbenzene (T)

9.571min (-0.003) 1918.19 ug/L m

response 23371879

Ion	Exp%	Act%
91.10	100.00	100.00
106.20	30.30	39.14
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

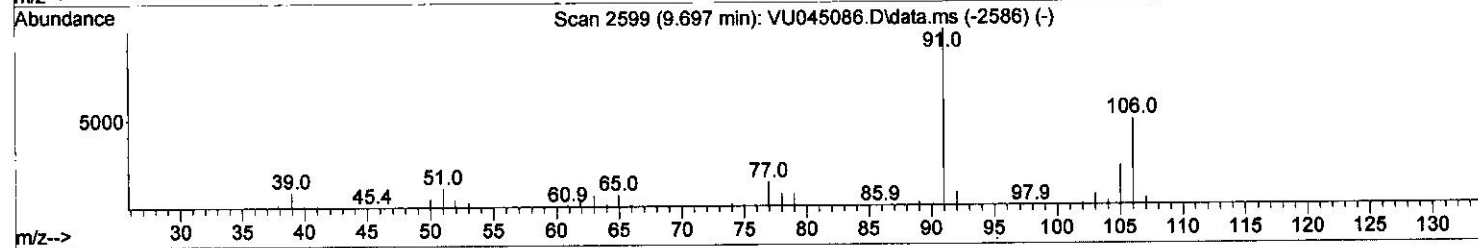
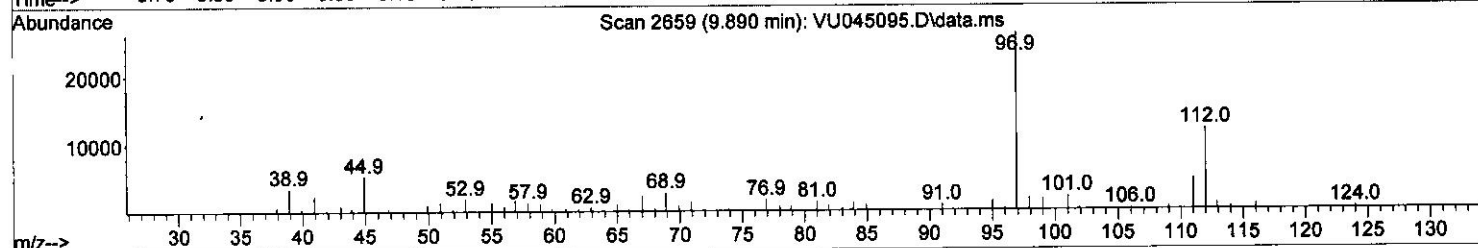
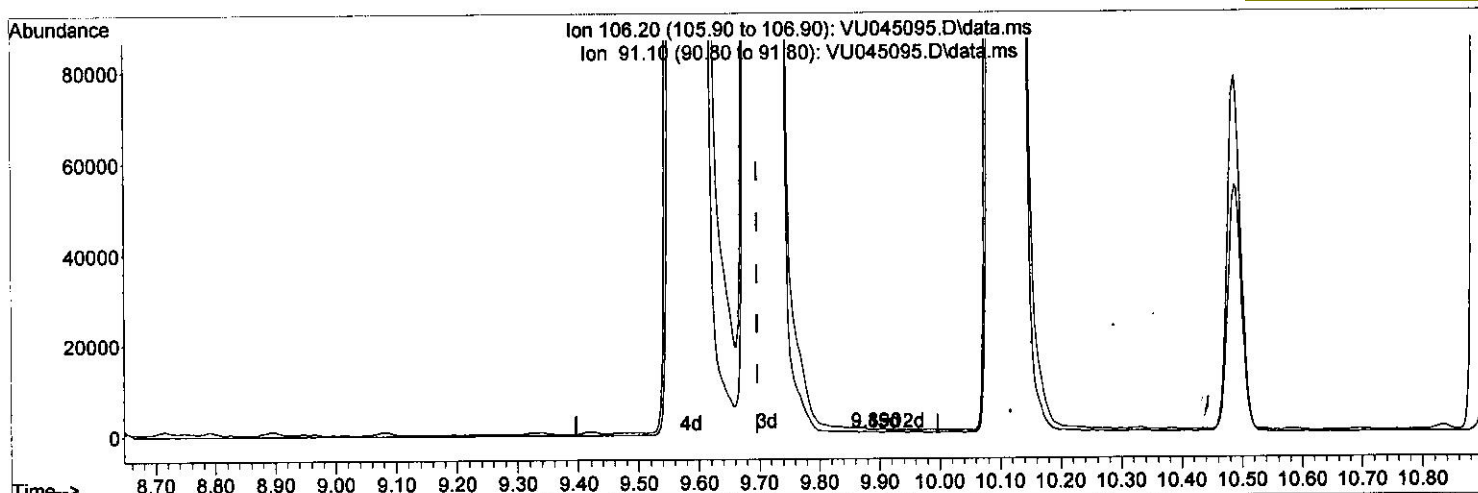
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TIC: VU045095.D\data.ms

(53) m,p-Xylene (T)

9.890min (+ 0.193) 0.01 ug/L

response 24

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	209.50	212.32
0.00	0.00	0.00
0.00	0.00	0.00

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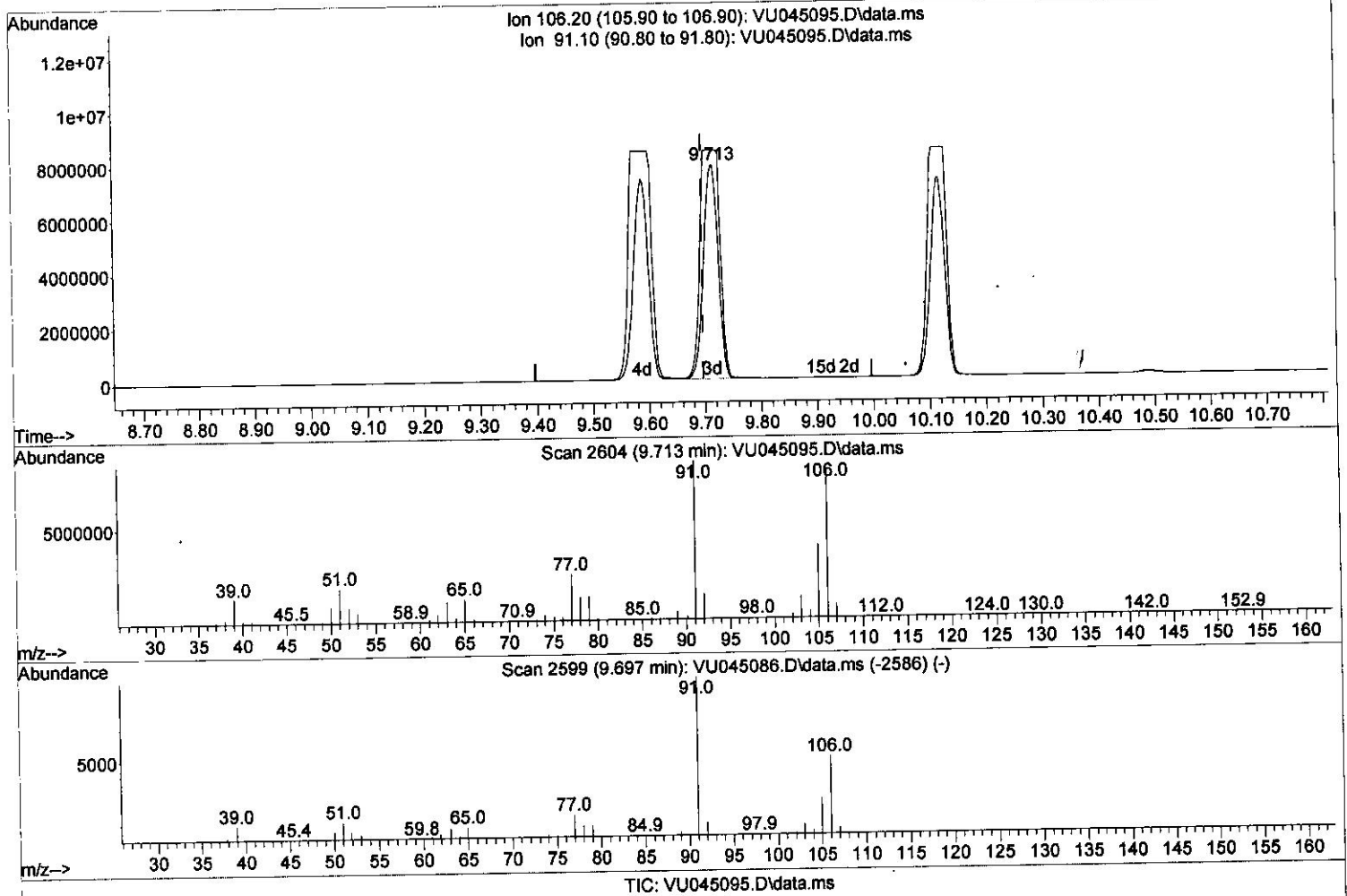
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(53) m,p-Xylene (T)

9.713min (+ 0.016) 3089.71 ug/L m 3 m p 10/20/21

response 14261173

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	209.50	106.38#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

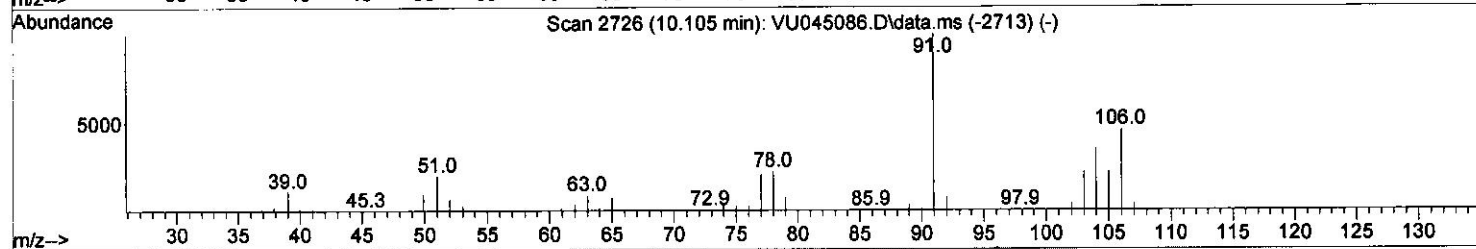
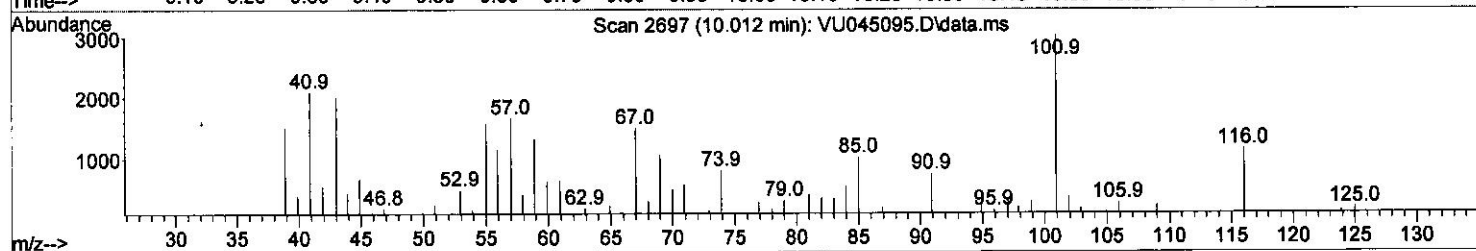
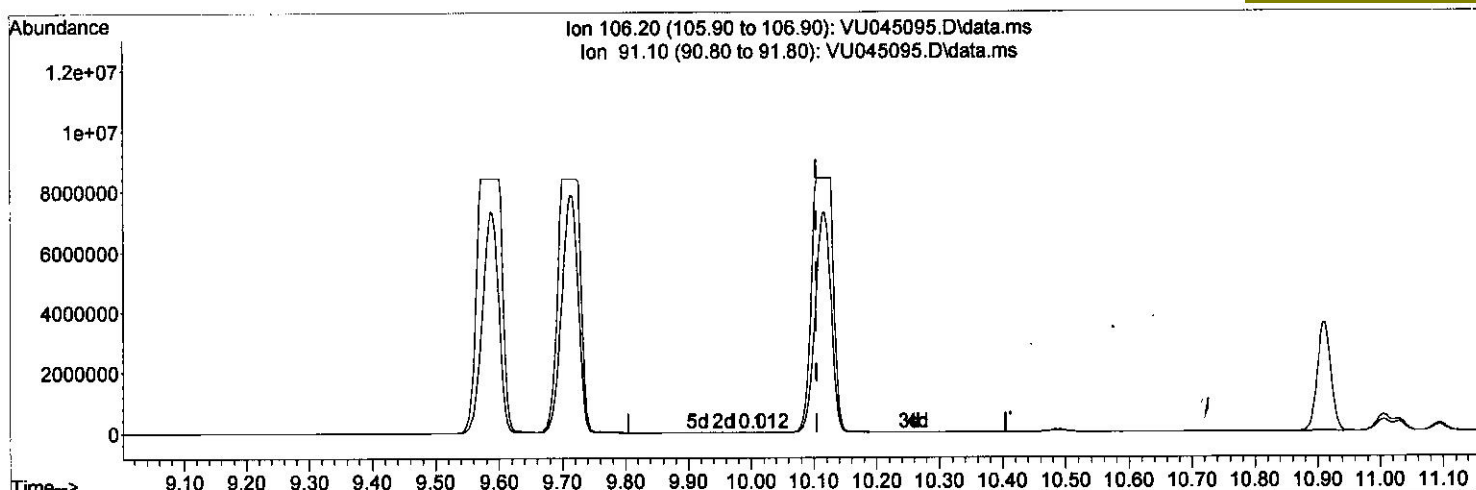
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TIC: VU045095.D\data.ms

(54) o-xylene (T)

10.012min (-0.093) 0.01 ug/L

response 63

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	218.40	275.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

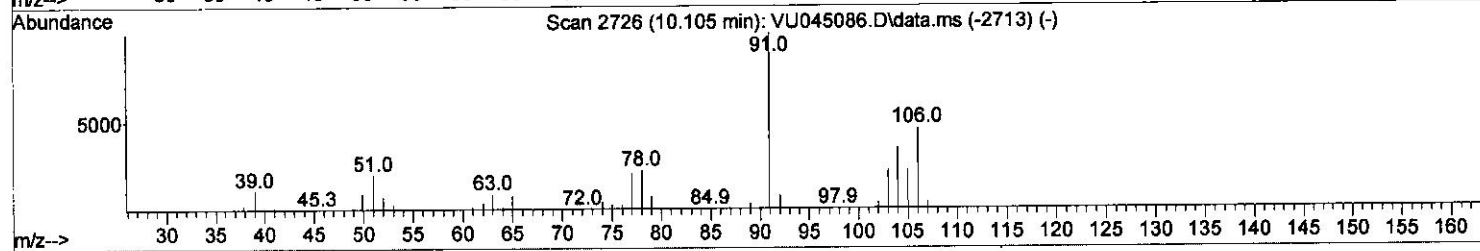
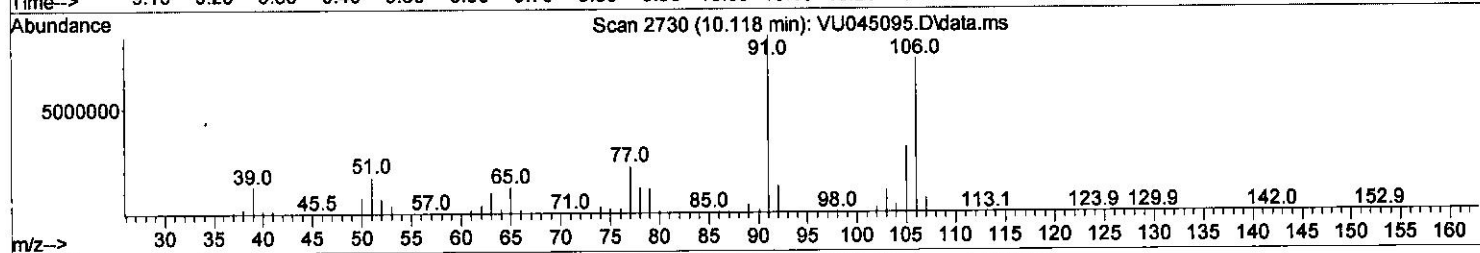
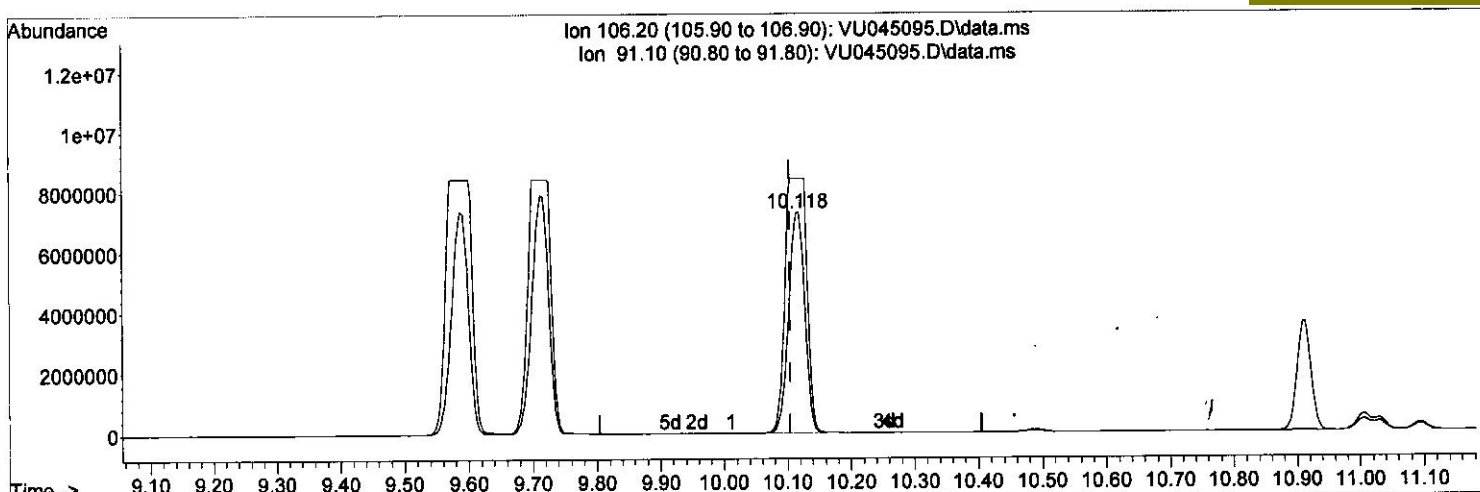
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TIC: VU045095.D\data.ms

(54) o-xylene (T)

10.118min (+ 0.013) 2825.23 ug/L m } *MD 10/2/21*

response 12814326

Ion	Exp%	Act%
106.20	100.00	100.00
91.10	218.40	115.39#
0.00	0.00	0.00
0.00	0.00	0.00

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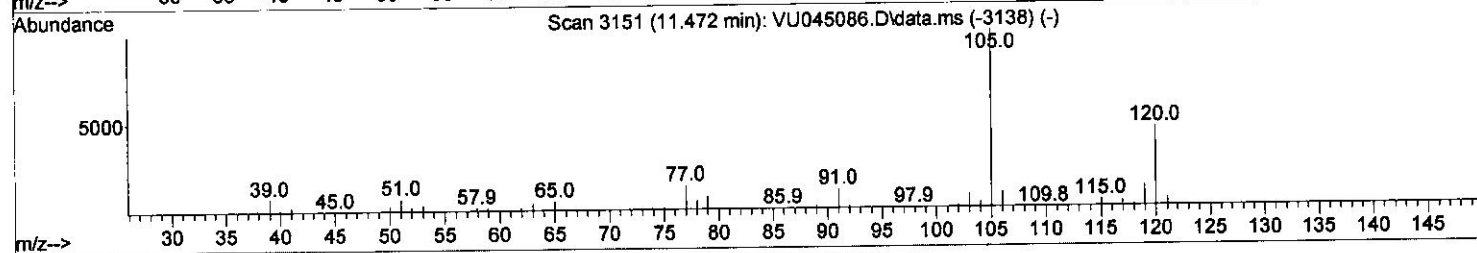
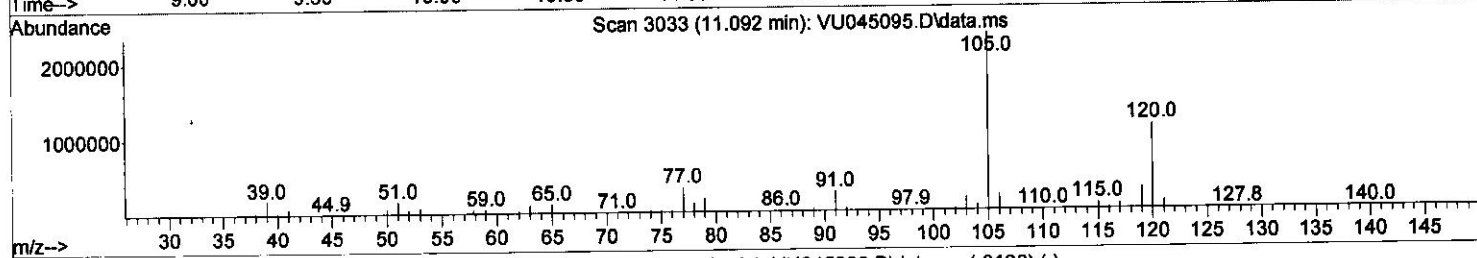
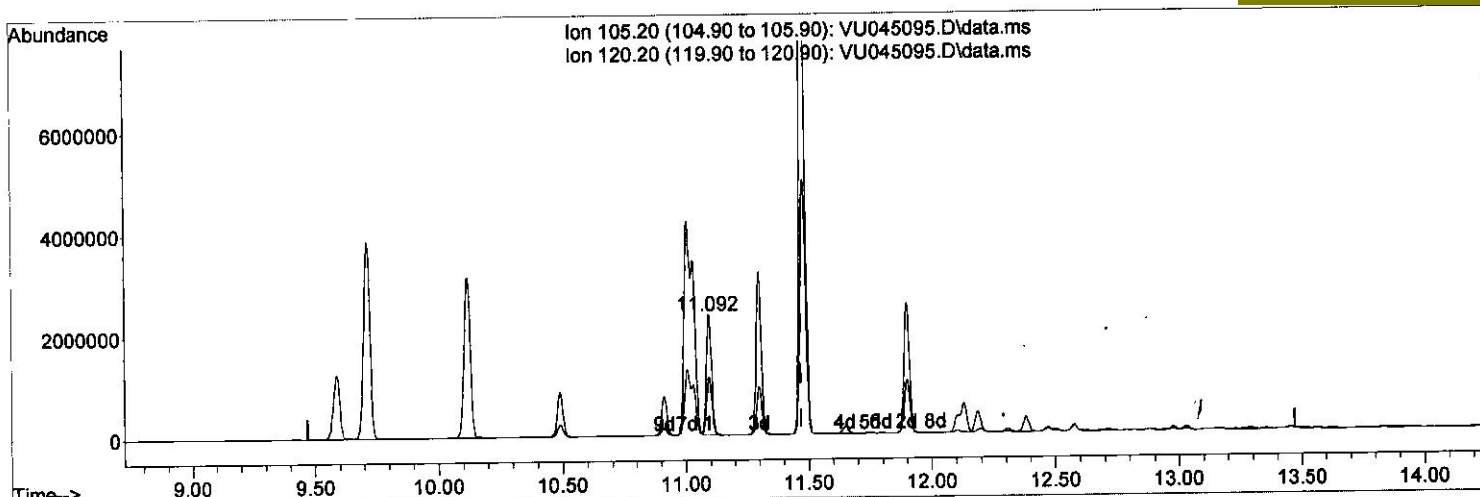
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TIC: VU045095.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

11.092min (-0.379) 340.84 ug/L

response 3572253

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	44.60	47.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

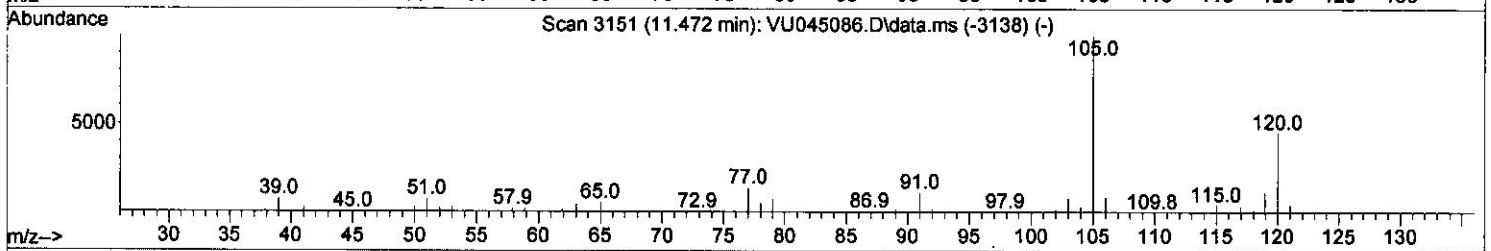
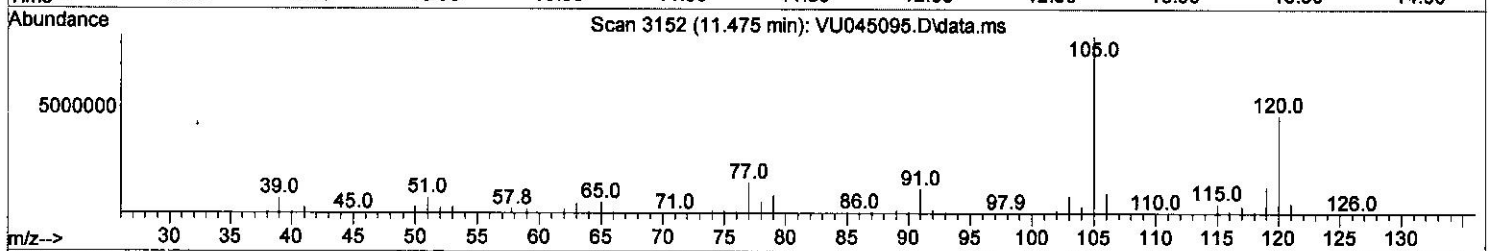
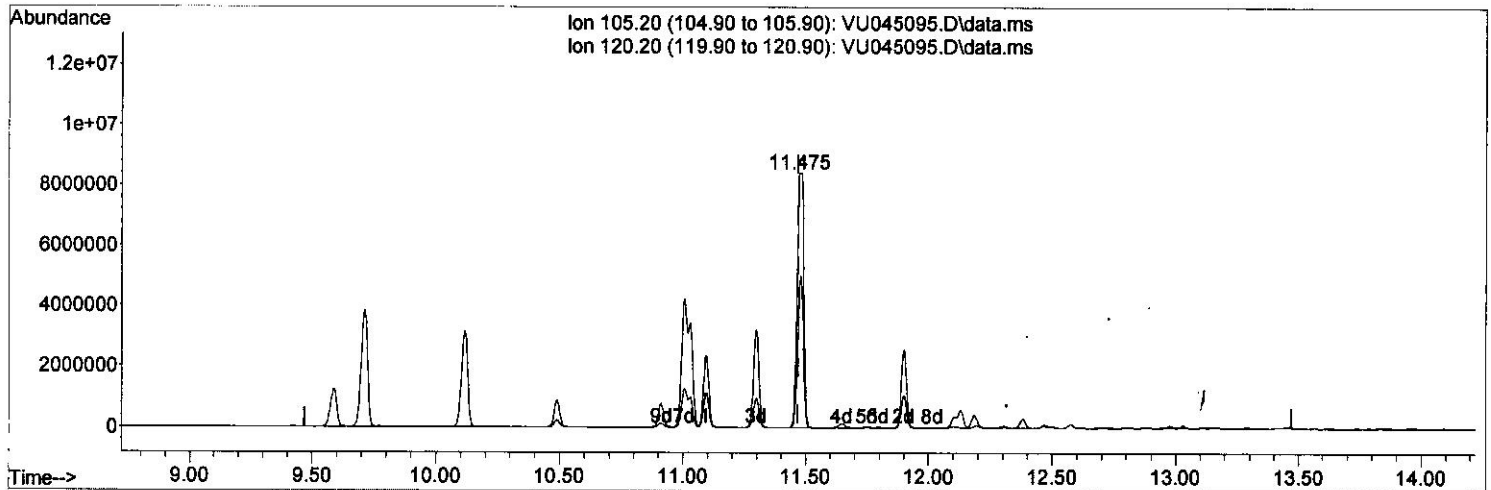
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045095.D
 Acq On : 04 Oct 2021 14:48
 Operator : SY/MD
 Sample : M3996-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A14

Quant Time: Oct 05 02:45:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 11:53:41 AM



TIC: VU045095.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

11.475min (+ 0.003) 1497.59 ug/L m 3 m.p. 10/20/21

response 15696033

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	44.60	10.91#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045095.D
 Acq On : 04 Oct 2021 14:48
 Operator : SY/MD
 Sample : M3996-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 F4A14

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 11:53:41 AM

Quant Time: Oct 05 02:45:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 Qlast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	296199	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	306059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	167461	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99476	30.679	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.360%		
7) Chloroethane-d5	1.909	69	94769	36.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.760%		
11) 1,1-Dichloroethene-d2	2.572	63	134213	24.648	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.300%#		
21) 2-Butanone-d5	4.626	46	253986	99.080	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.080%		
24) Chloroform-d	5.070	84	161157	31.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	62.940%#		
26) 1,2-Dichloroethane-d4	5.735	65	143943	41.495	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.000%		
32) Benzene-d6	5.745	84	403937	38.035	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.060%		
36) 1,2-Dichloropropane-d6	6.697	67	139277	40.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.440%		
41) Toluene-d8	7.909	98	378790	41.330	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.660%		
43) trans-1,3-Dichloroprop...	8.185	79	69970	45.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.840%		
47) 2-Hexanone-d5	8.639	63	222514	115.952	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	115.950%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	249431	46.257	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.520%		
66) 1,2-Dichlorobenzene-d4	12.198	152	161549	44.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.660%		
Target Compounds						
13) Acetone	2.633	43	136136	45.942	ug/L	89
14) Carbon disulfide	2.903	76	872934m	118.793	ug/L	
22) 2-Butanone	4.710	43	57060	17.205	ug/L	96
29) Cyclohexane	5.395	56	1236103	268.690	ug/L #	96
33) Benzene	5.771	78	42134739m	3711.798	ug/L	
35) Methylcyclohexane	6.768	83	420155	92.042	ug/L	88
40) 4-Methyl-2-pentanone	7.809	43	80730	15.636	ug/L	93
42) Toluene	7.970	91	34193552m	2964.630	ug/L	
52) Ethylbenzene	9.571	91	23371879m	1918.193	ug/L	
53) m,p-Xylene	9.713	106	14261173m	3089.709	ug/L	
54) o-xylene	10.118	106	12814326m	2825.235	ug/L	
61) Isopropylbenzene	10.488	105	1359712	110.947	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	3572253	349.022	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	15696033m	1497.589	ug/L	

m p
 10/20/21

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