

Quantitation Report (QT Reviewed)

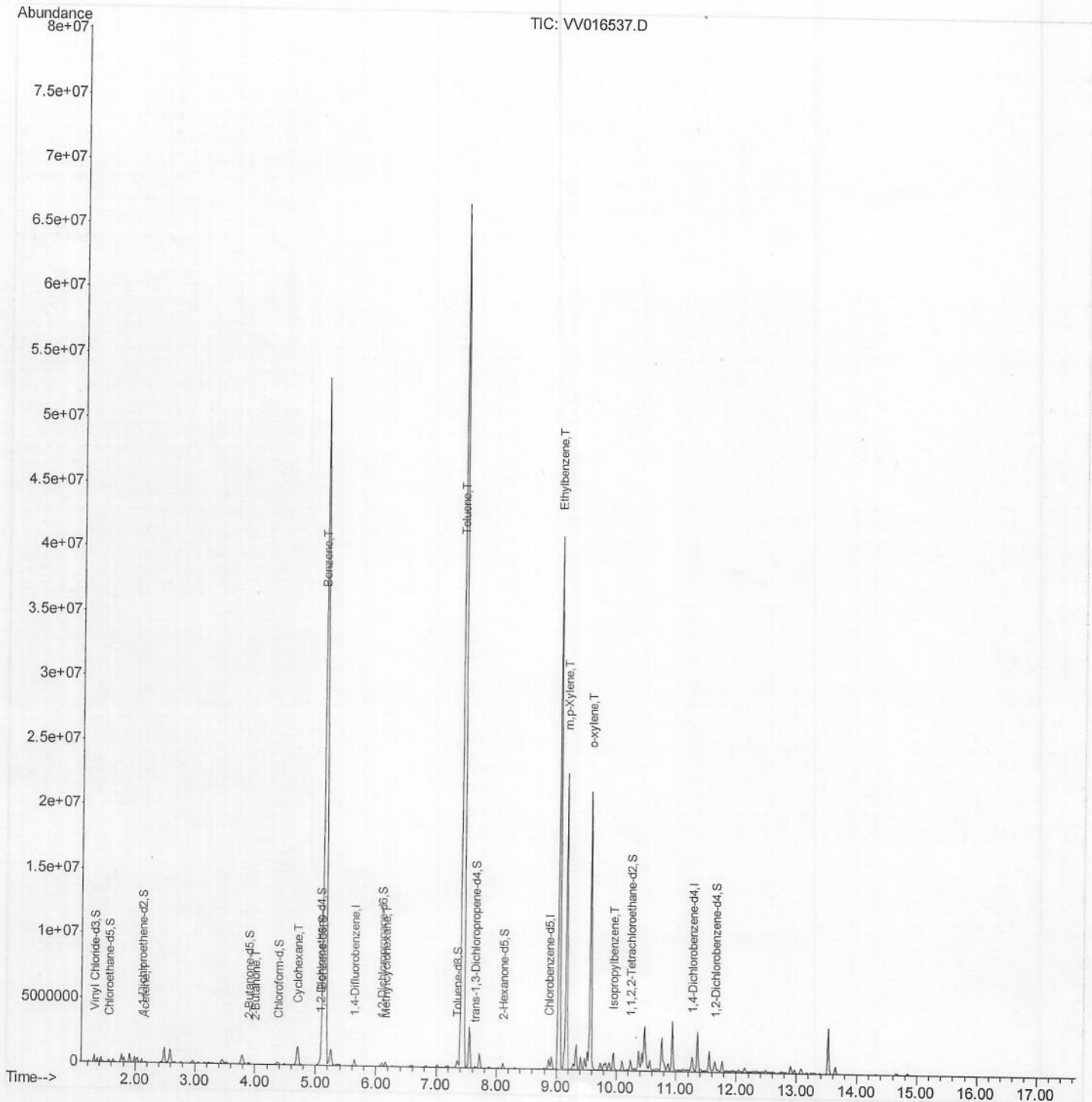
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016537.D
 Acq On : 05 Jun 2020 15:42
 Operator : SY/MD
 Sample : L2861-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E41

Manual Integrations
 APPROVED

sam
 6/6/2020 11:33:41 AM

Quant Time: Jun 06 02:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

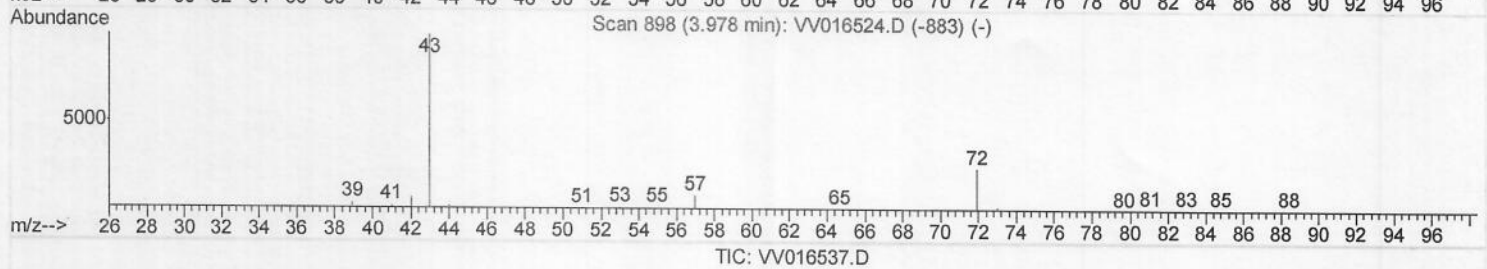
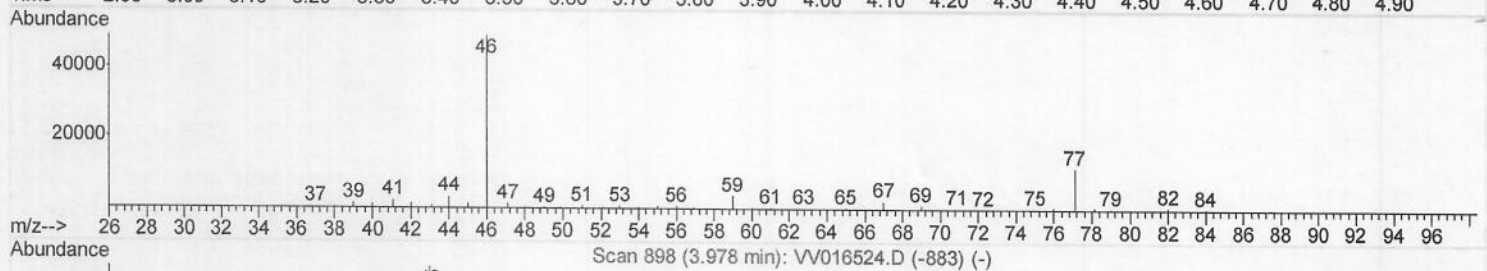
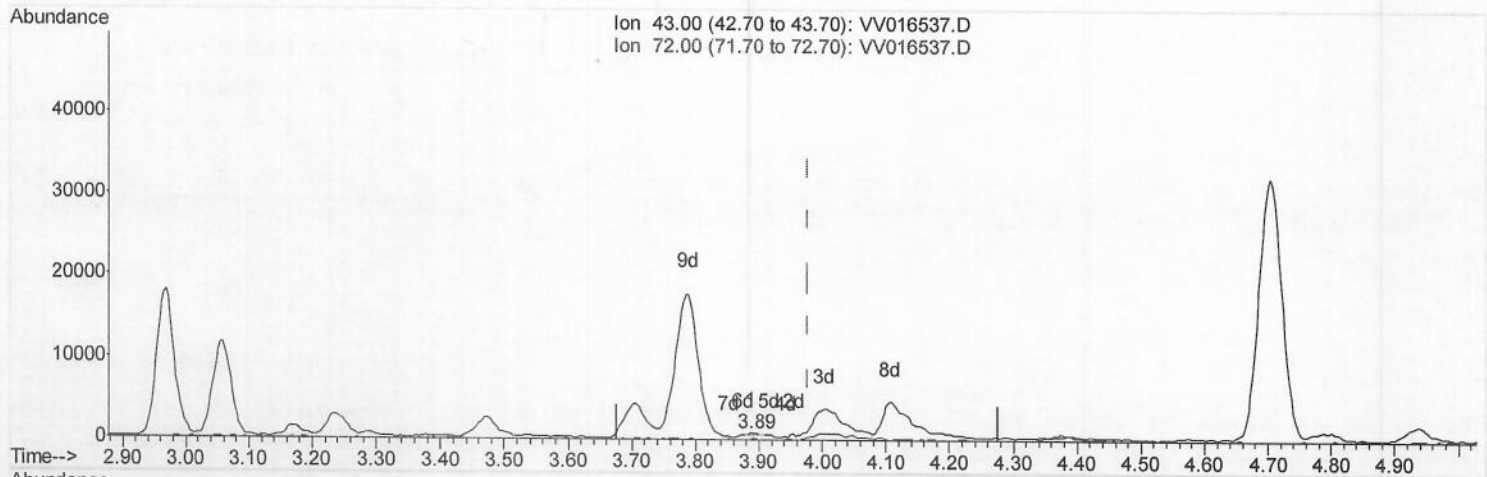
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(22) 2-Butanone (T)

3.888min (-0.090) 0.11ug/L

response 235

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	26.81
0.00	0.00	0.00
0.00	0.00	0.00

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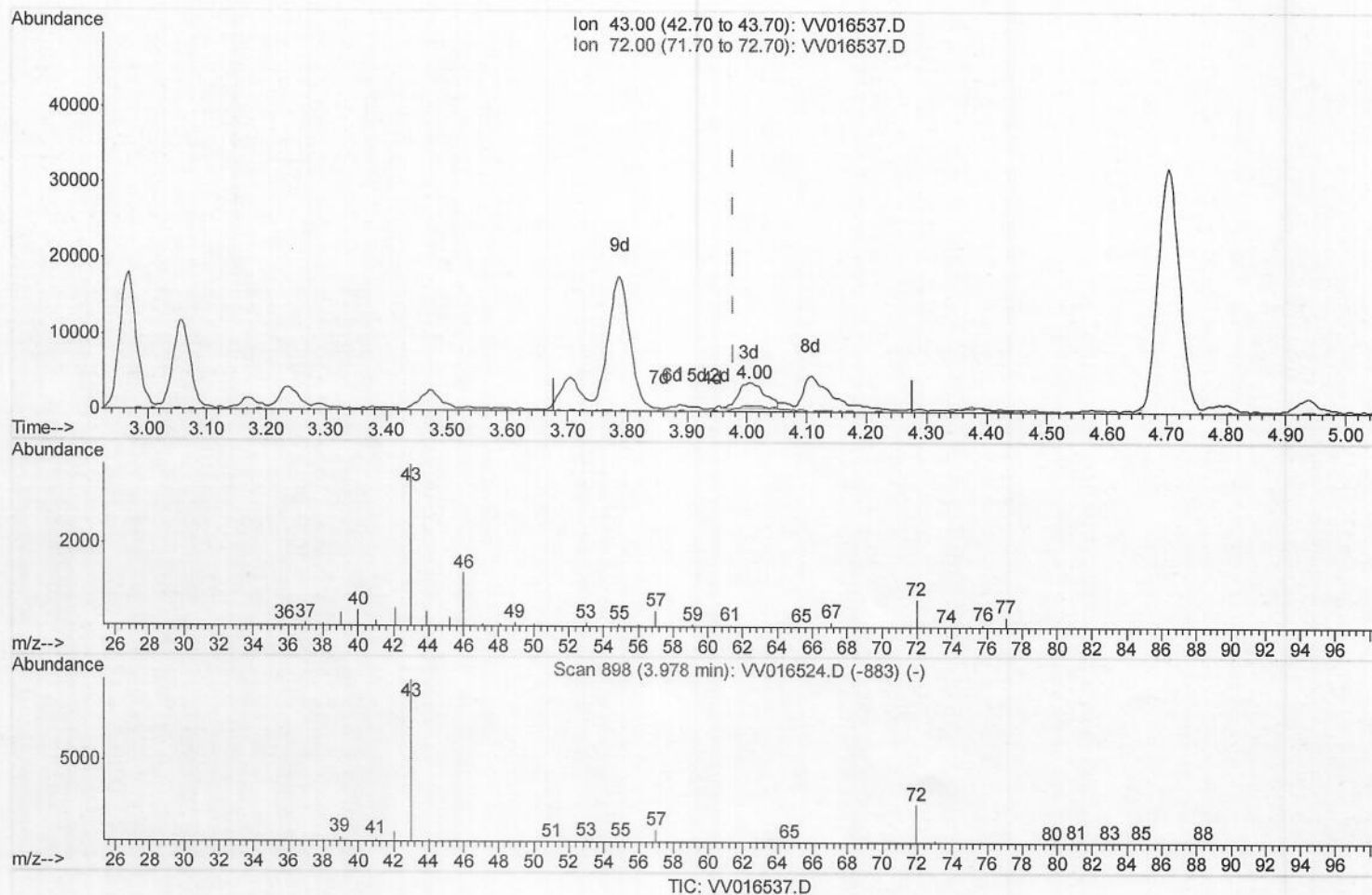
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(22) 2-Butanone (T)

4.004min (+0.026) 5.03ug/L m

response 10520

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	0.60#
0.00	0.00	0.00
0.00	0.00	0.00

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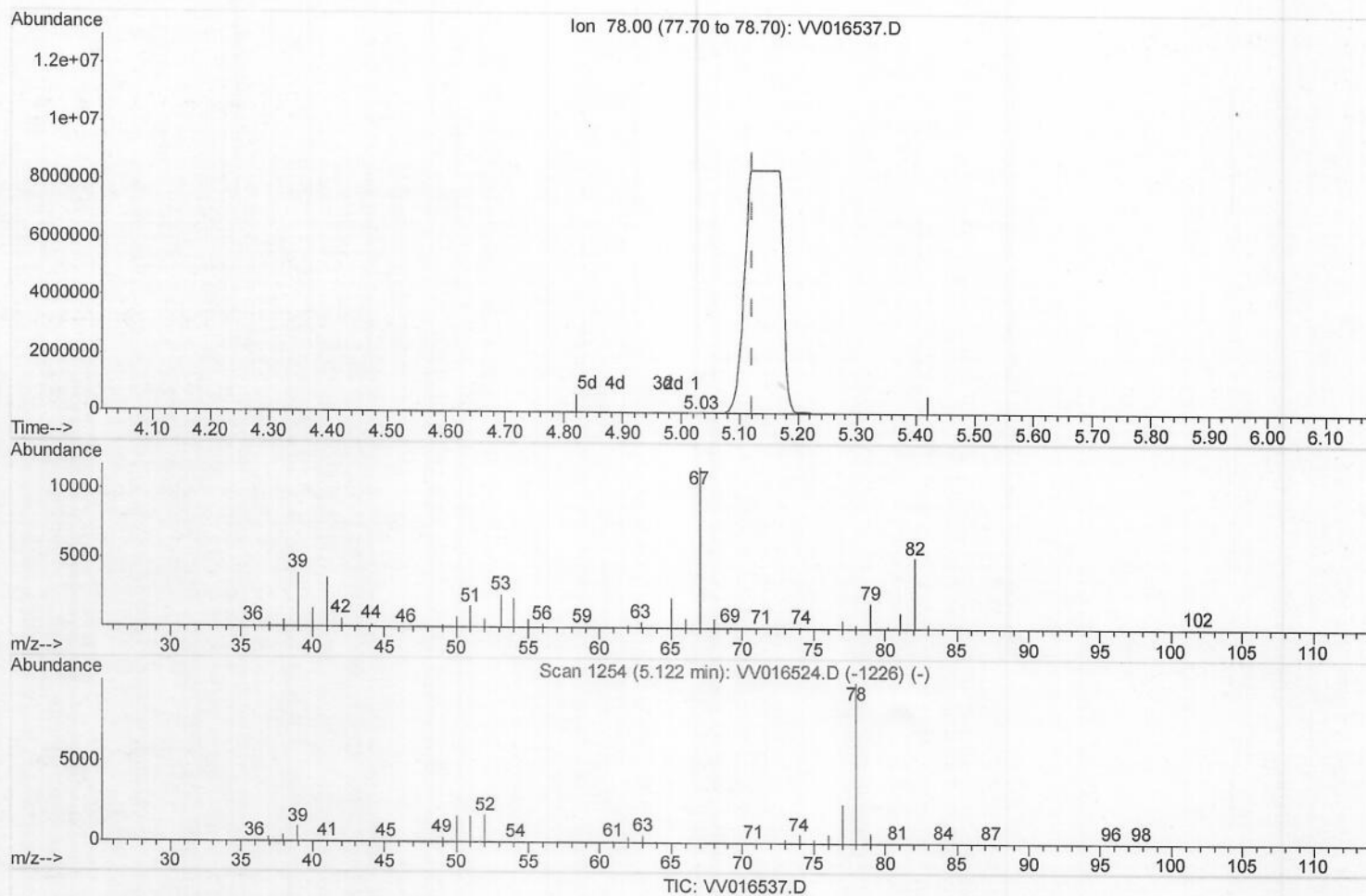
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(33) Benzene (T)

5.026min (-0.096) 0.02ug/L

response 269

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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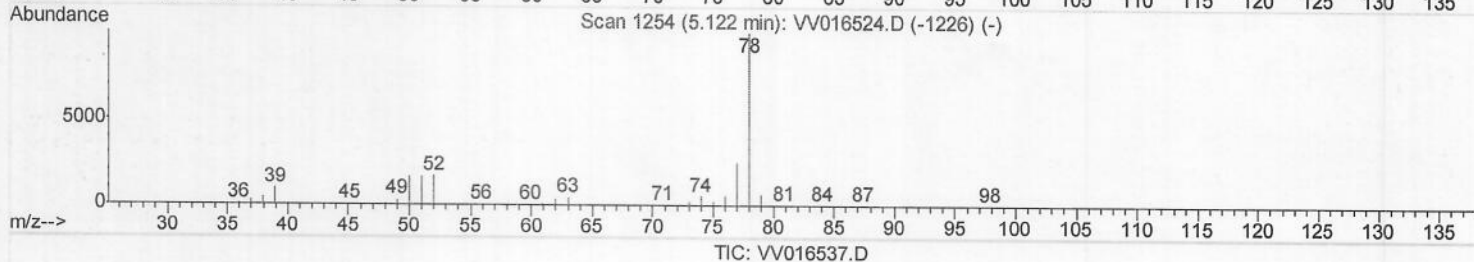
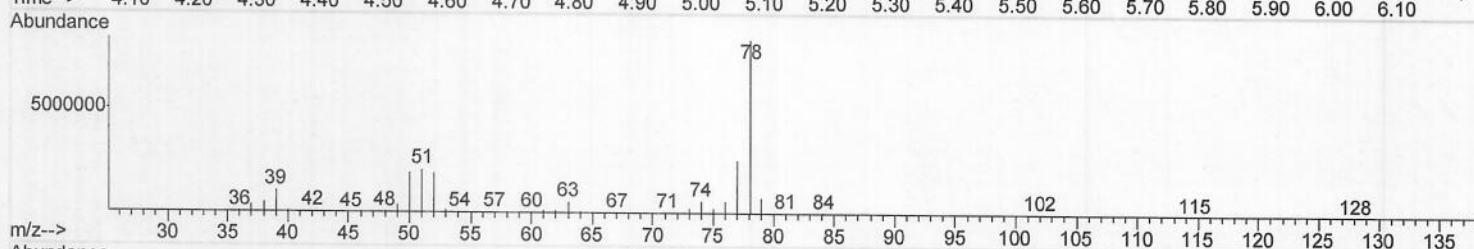
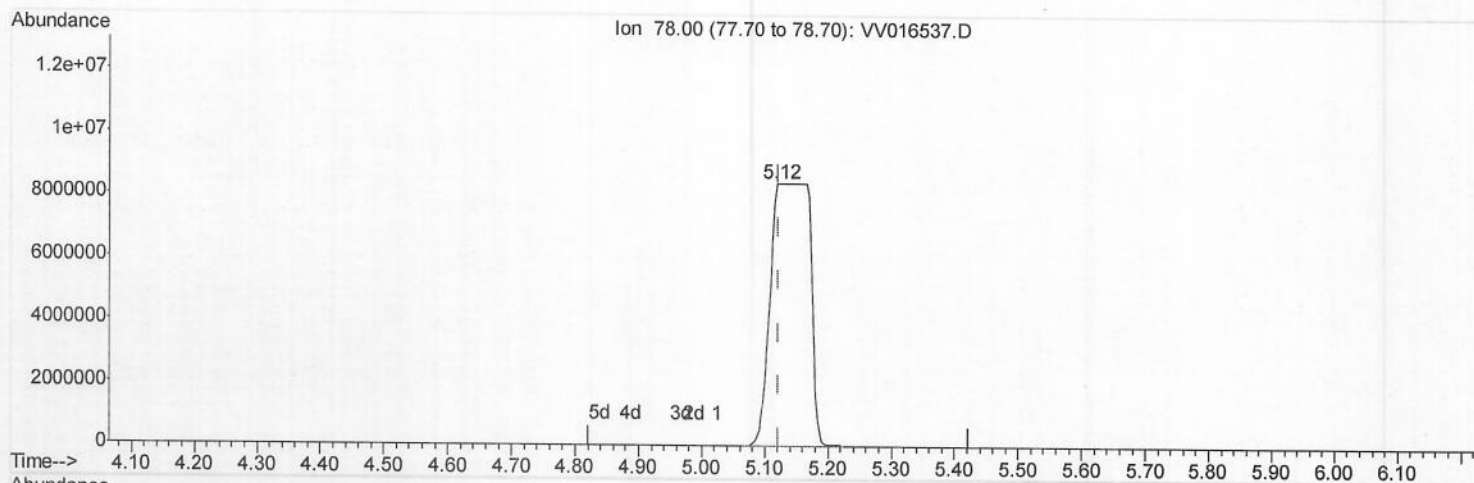
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TIC: VV016537.D

(33) Benzene (T)

5.119min (-0.003) 3129.65ug/L m

response 35915569

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

M.D
 06/08/20

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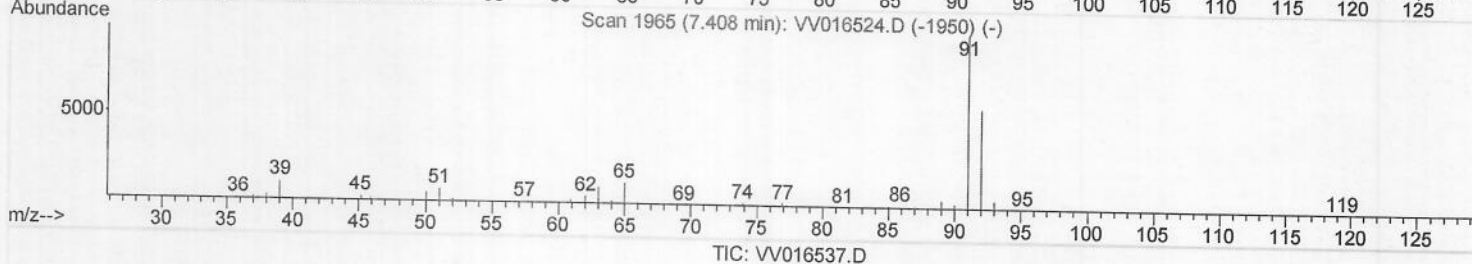
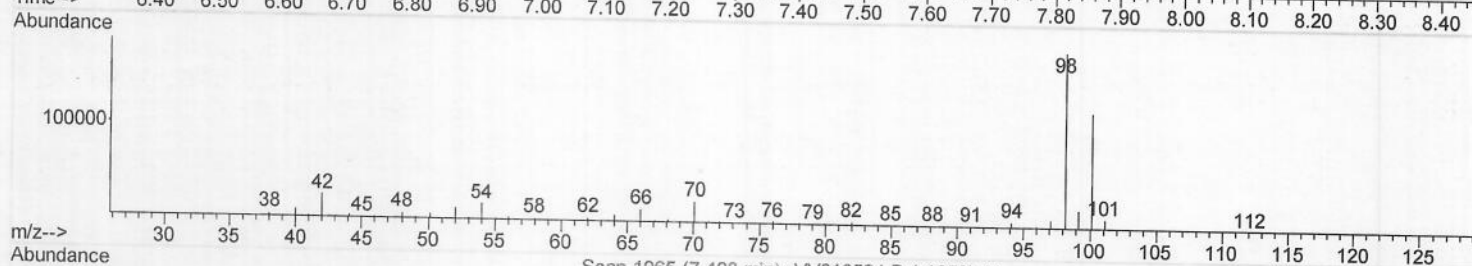
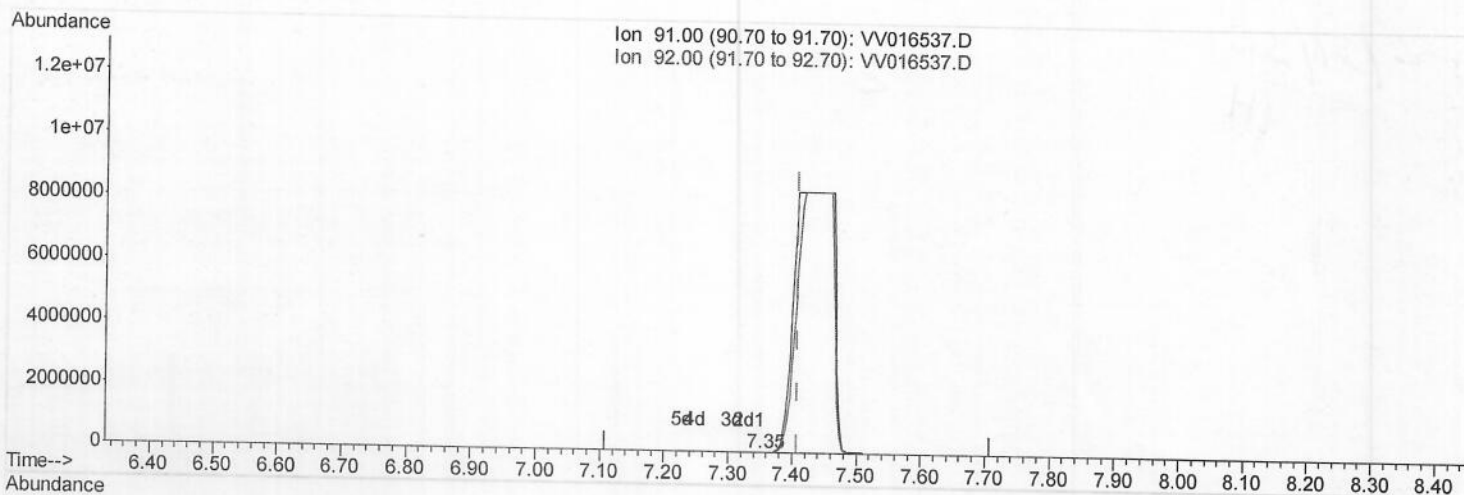
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(42) Toluene (T)

7.351min (-0.058) 0.03ug/L

response 403

Ion	Exp%	Act%
91.00	100	100
92.00	58.40	36.39#
0.00	0.00	0.00
0.00	0.00	0.00

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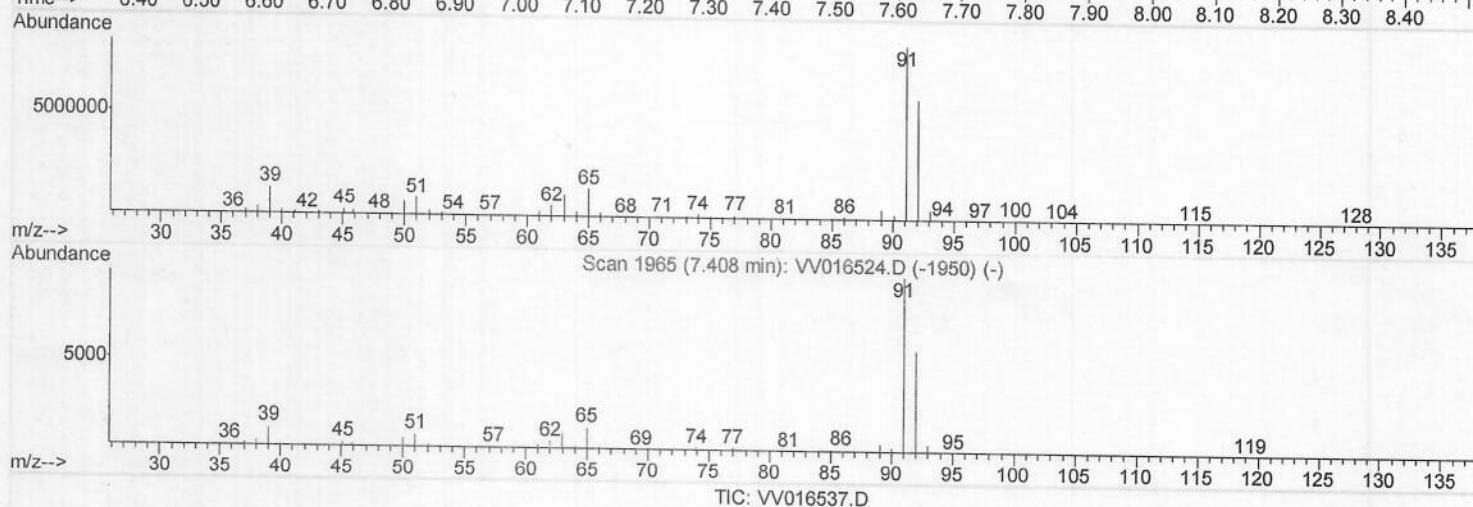
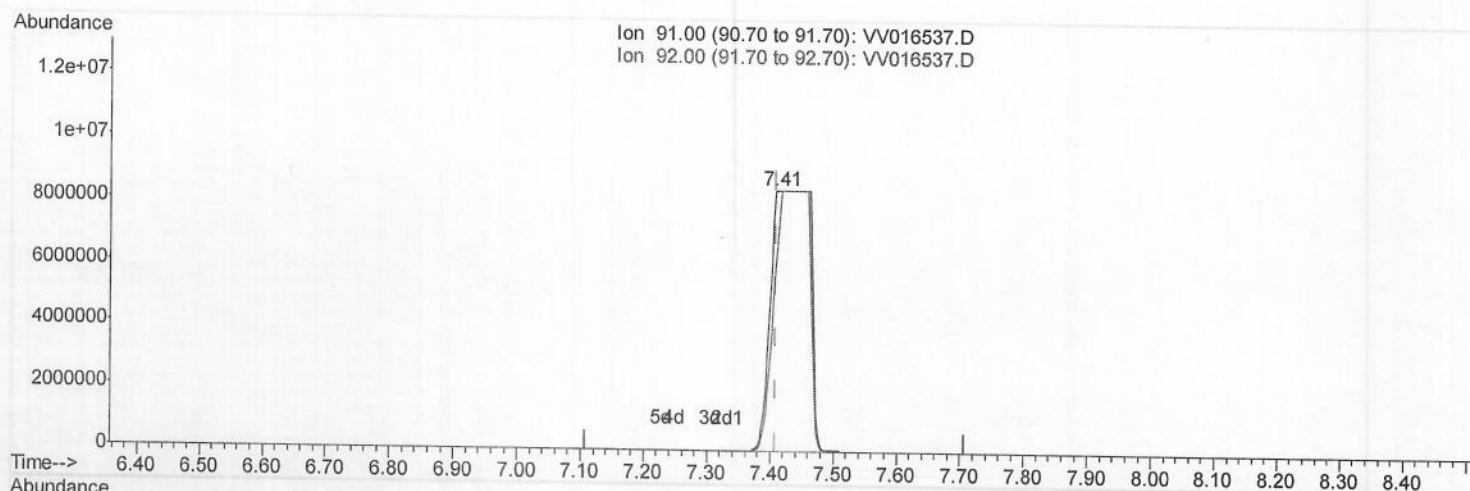
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sam
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(42) Toluene (T)

7.409min (+0.000) 2948.59ug/L m

response 35855939

Ion Exp% Act%

91.00 100 100

92.00 58.40 69.81

0.00 0.00 0.00

0.00 0.00 0.00

MD
06/08/20

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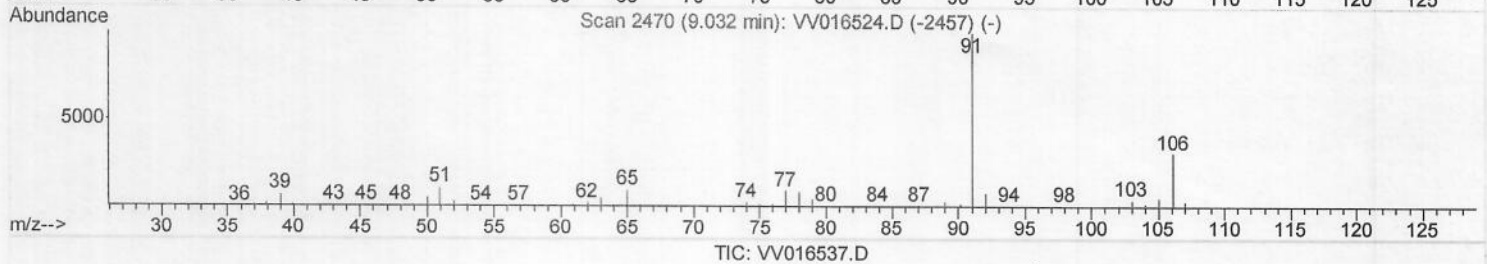
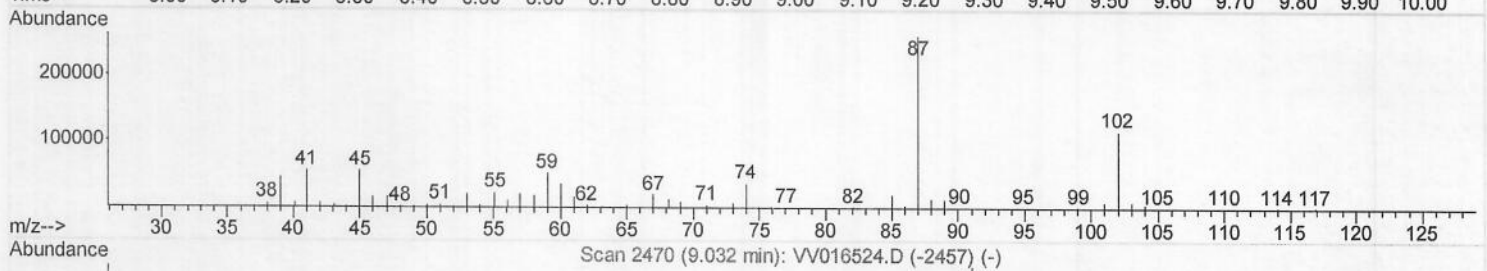
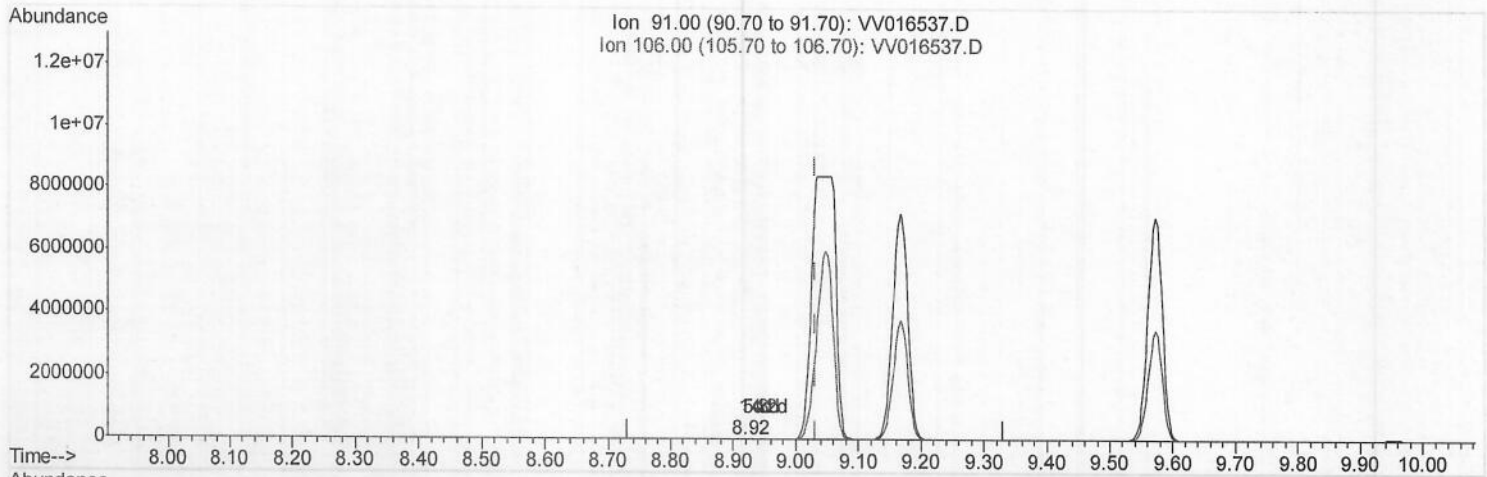
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(52) Ethylbenzene (T)

8.920min (-0.112) 0.01ug/L

response 172

Ion	Exp%	Act%
91.00	100	100
106.00	31.10	24.50
0.00	0.00	0.00
0.00	0.00	0.00

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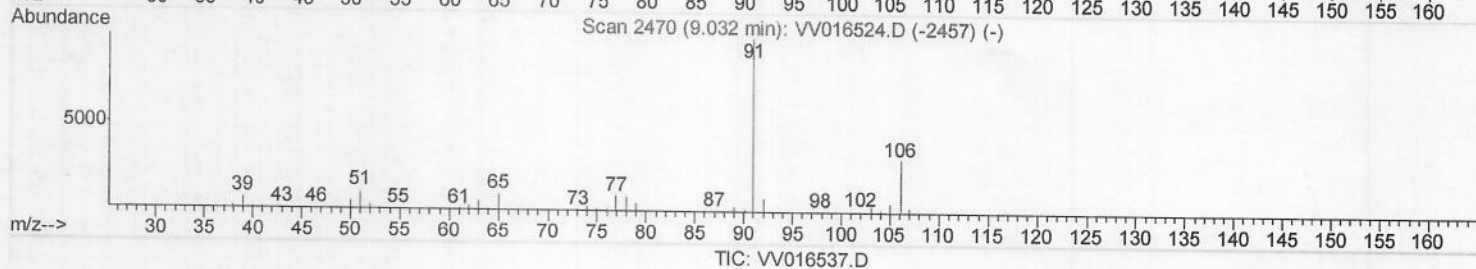
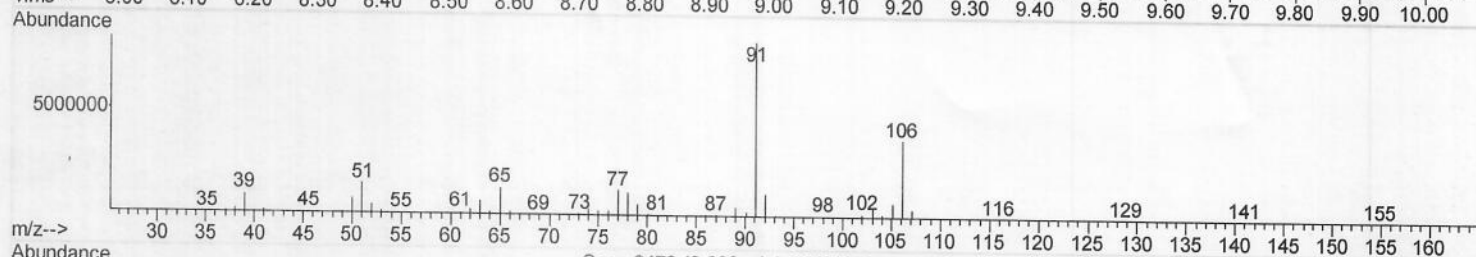
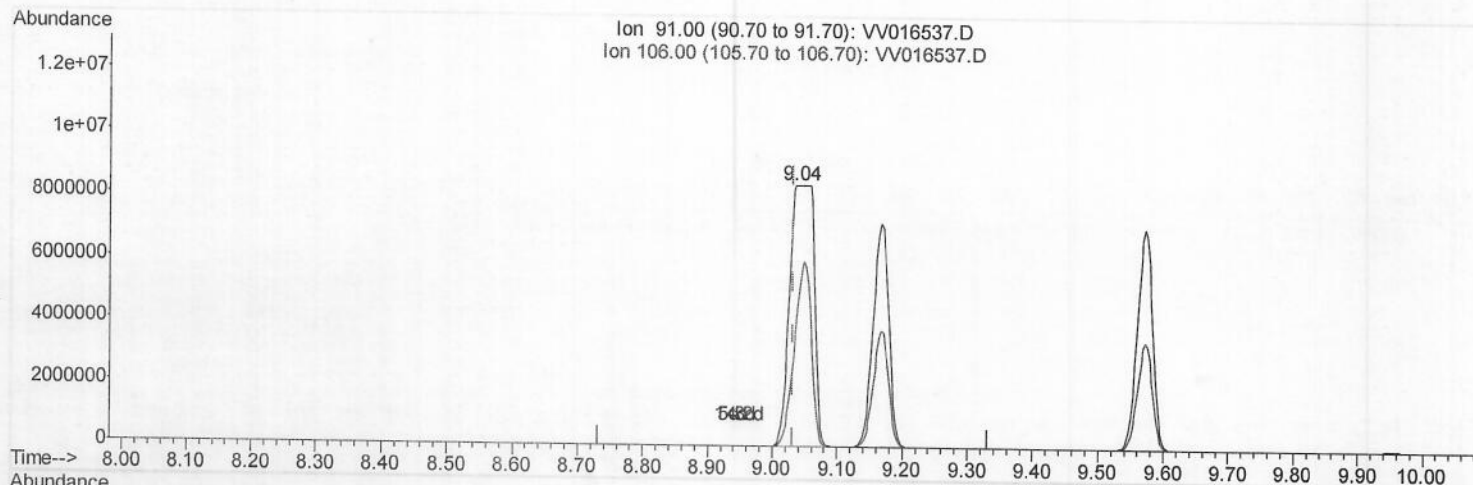
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(52) Ethylbenzene (T)

9.035min (+0.003) 1654.24ug/L m

response 21894062

Ion Exp% Act%

91.00 100 100

106.00 31.10 44.35#

0.00 0.00 0.00

0.00 0.00 0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	397802	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	390206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110169	39.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.20%		
7) Chloroethane-d5	1.56	69	77392	38.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.10%		
11) 1,1-Dichloroethene-d2	2.12	63	144710	28.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.94%#		
21) 2-Butanone-d5	3.90	46	166094	92.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.19%		
24) Chloroform-d	4.38	84	218771	41.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.74%		
26) 1,2-Dichloroethane-d4	5.07	65	163803	46.26	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.52%		
32) Benzene-d6	5.08	84	442858	42.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.74%		
36) 1,2-Dichloropropane-d6	6.10	67	134715	41.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.72%		
41) Toluene-d8	7.35	98	414971	43.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.42%		
43) trans-1,3-Dichloropropene-	7.65	79	60129	37.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.76%		
47) 2-Hexanone-d5	8.11	63	129343	92.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.73%		
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171530	38.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.66%		
64) 1,2-Dichlorobenzene-d4	11.65	152	166698	44.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.28%		

Target Compounds

					Ovalue
13) Acetone	2.17	43	8758	5.201	ug/L 100
22) 2-Butanone	4.00	43	→ 10520m →	5.035	ug/L
29) Cyclohexane	4.70	56	758362	163.749	ug/L 99
33) Benzene	5.12	78	→ 35915569m →	3129.653	ug/L 99
35) Methylcyclohexane	6.15	83	121926	28.209	ug/L 97
42) Toluene	7.41	91	→ 35855939m →	2948.589	ug/L 97
52) Ethylbenzene	9.04	91	→ 21894062m →	1654.236	ug/L 92
53) m,p-Xylene	9.17	106	6245137	1251.390	ug/L 92
54) o-xylene	9.57	106	5499717	1137.882	ug/L 92
56) Isopropylbenzene	9.96	105	793119	63.175	ug/L 100

m.D
 06/08/20

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