

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\

Quantitation Report (QT Reviewed)

Data File : VU036298.D

Acq On : 19 Dec 2019 21:43

Operator : JC/MD

Sample : K6282-15

Misc : 25.0mL/MSVOA_U/WATER

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 20 05:55:03 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Dec 20 05:33:55 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

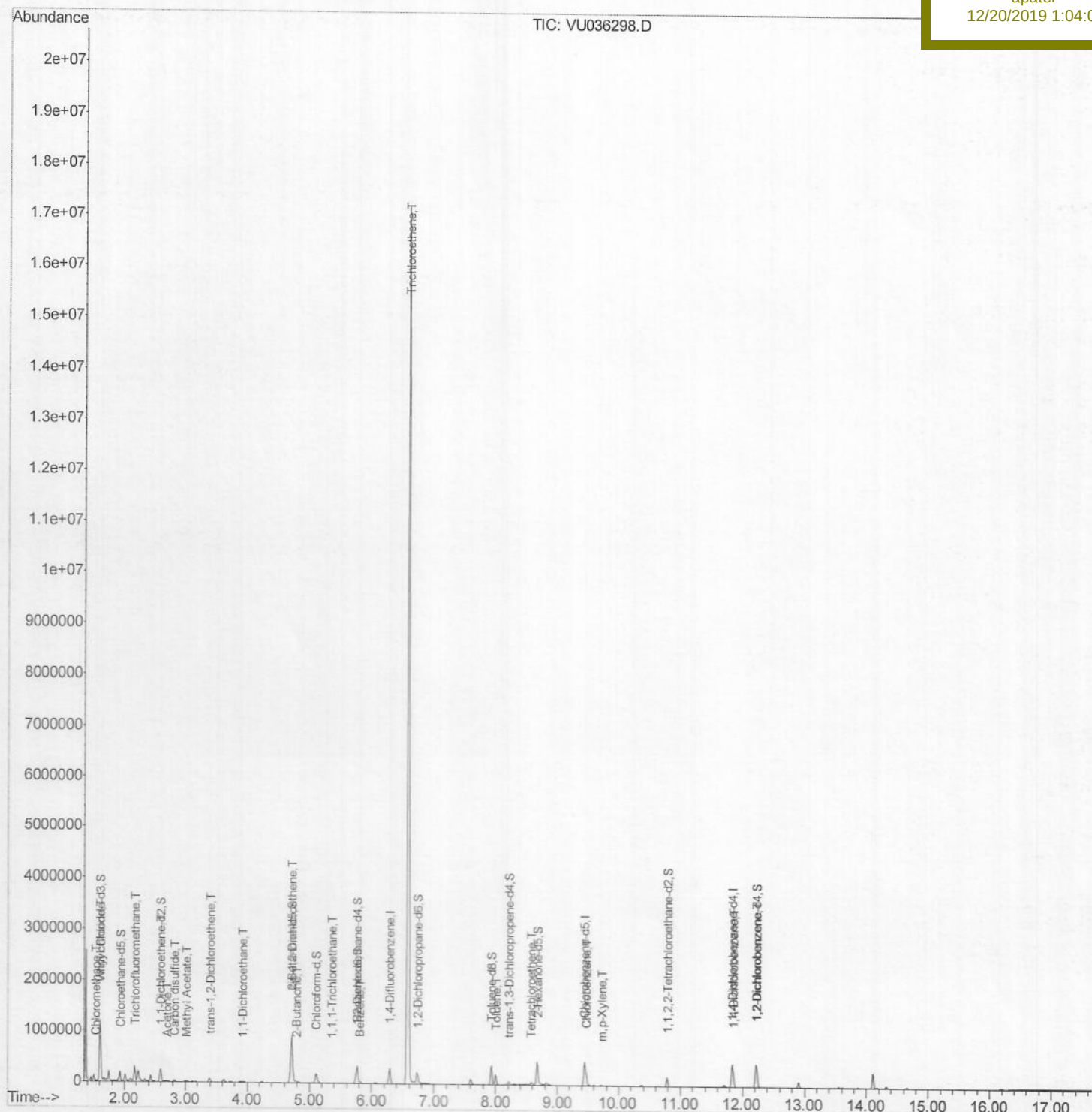
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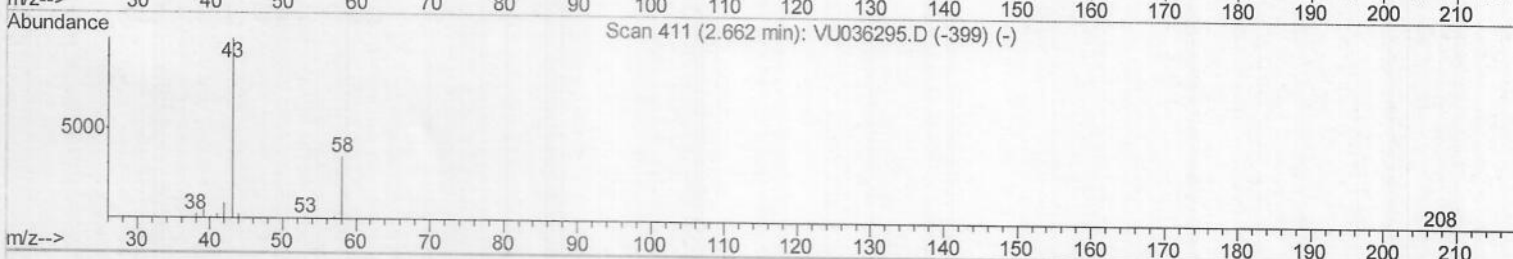
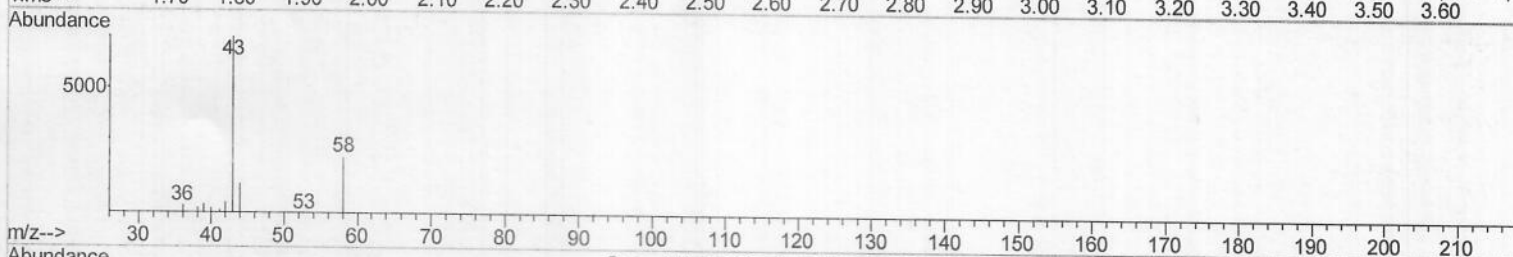
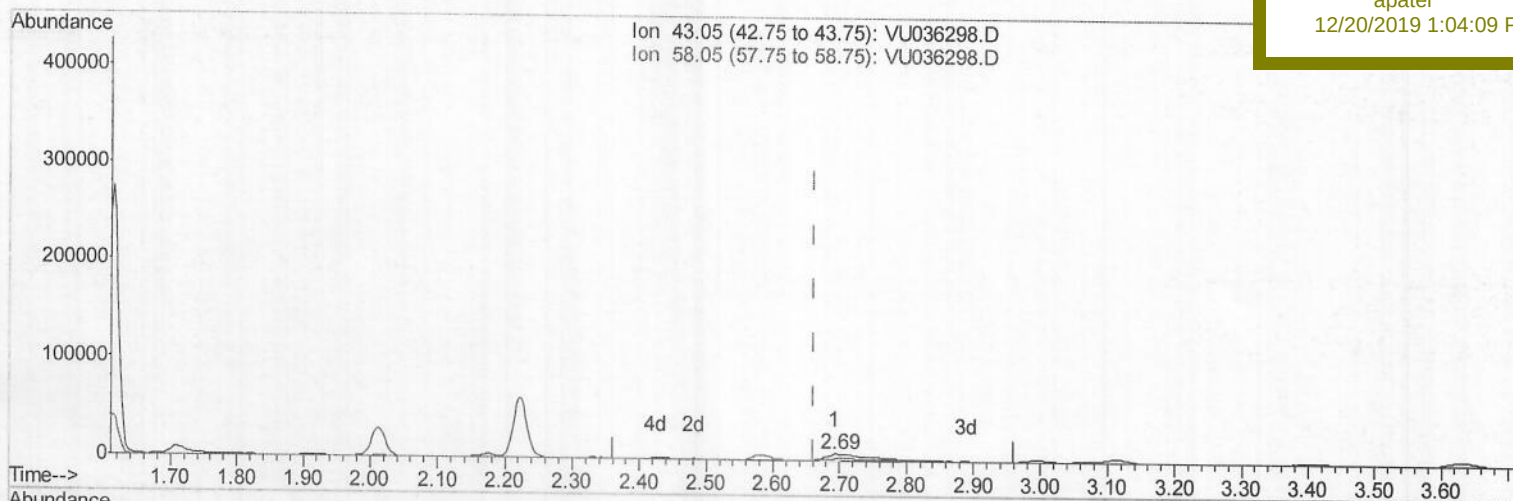
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TIC: VU036298.D

(13) Acetone (T)

2.694min (+0.032) 2.66ug/L

response 9719

Ion	Exp%	Act%
43.05	100	100
58.05	33.80	33.75
0.00	0.00	0.00
0.00	0.00	0.00

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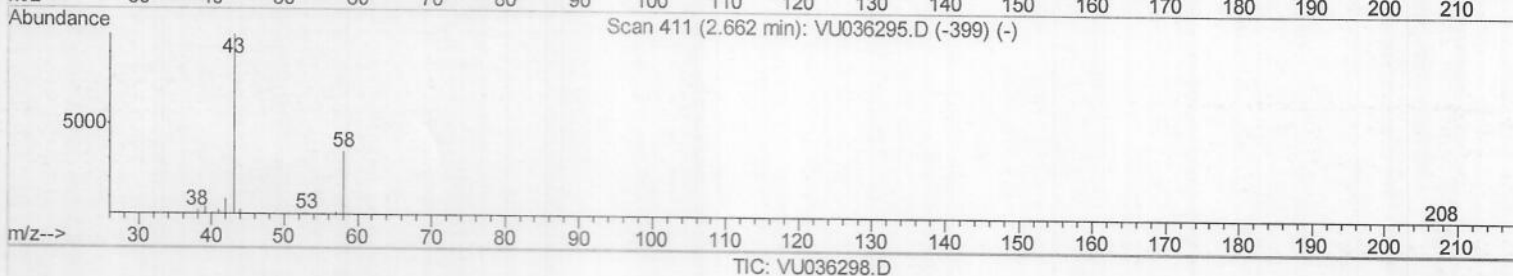
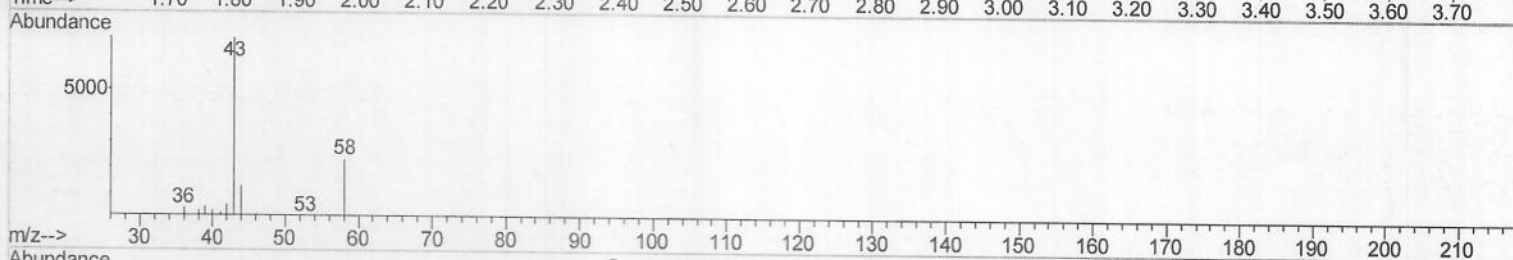
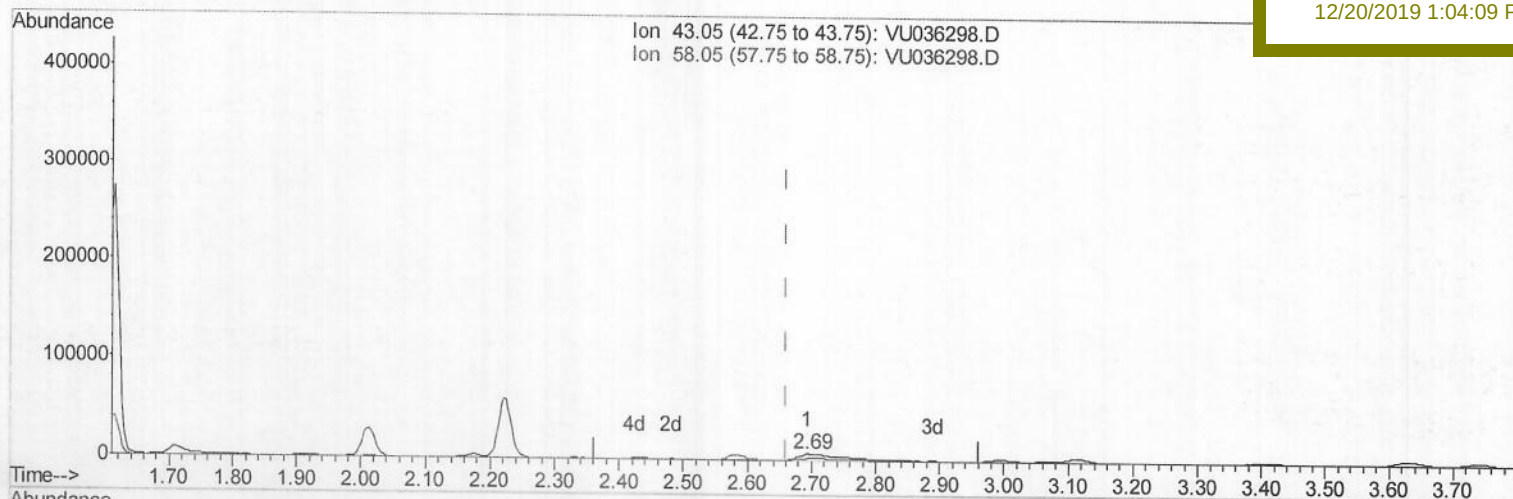
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(13) Acetone (T)

2.694min (+0.032) 8.74ug/L m

response 31896

Ion	Exp%	Act%
43.05	100	100
58.05	33.80	10.28
0.00	0.00	0.00
0.00	0.00	0.00

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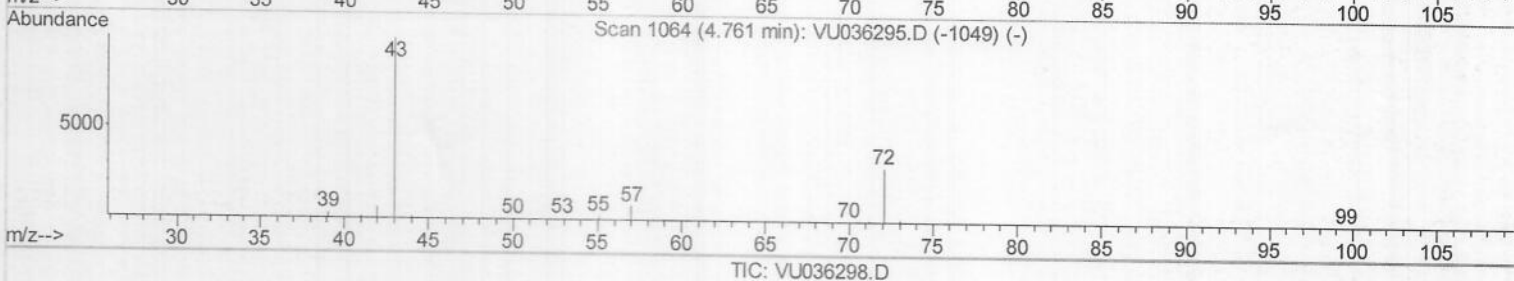
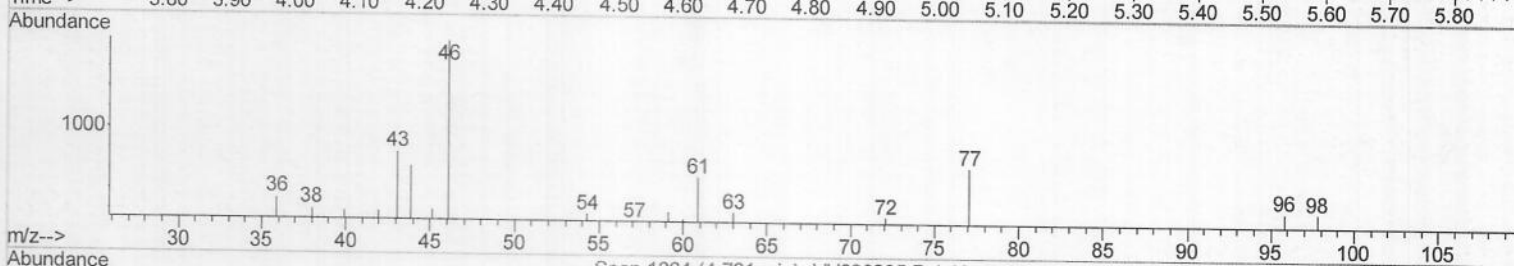
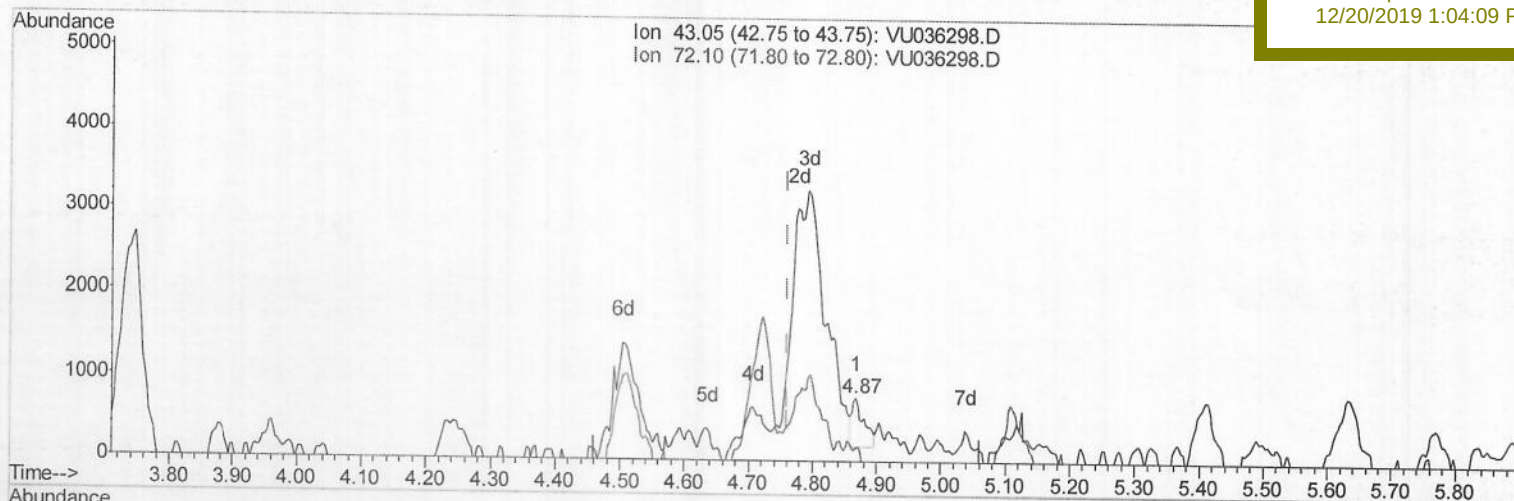
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TIC: VU036298.D

(21) 2-Butanone (T)

4.867min (+0.106) 0.16ug/L

response 784

Ion	Exp%	Act%
43.05	100	100
72.10	28.90	23.09
0.00	0.00	0.00
0.00	0.00	0.00

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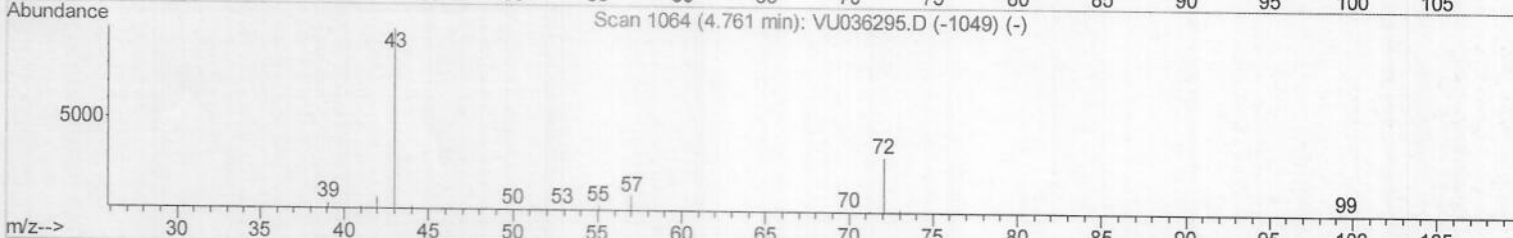
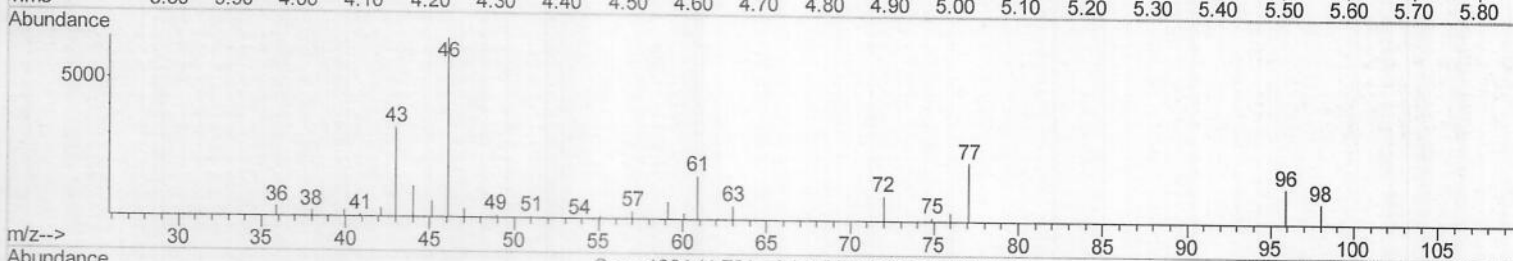
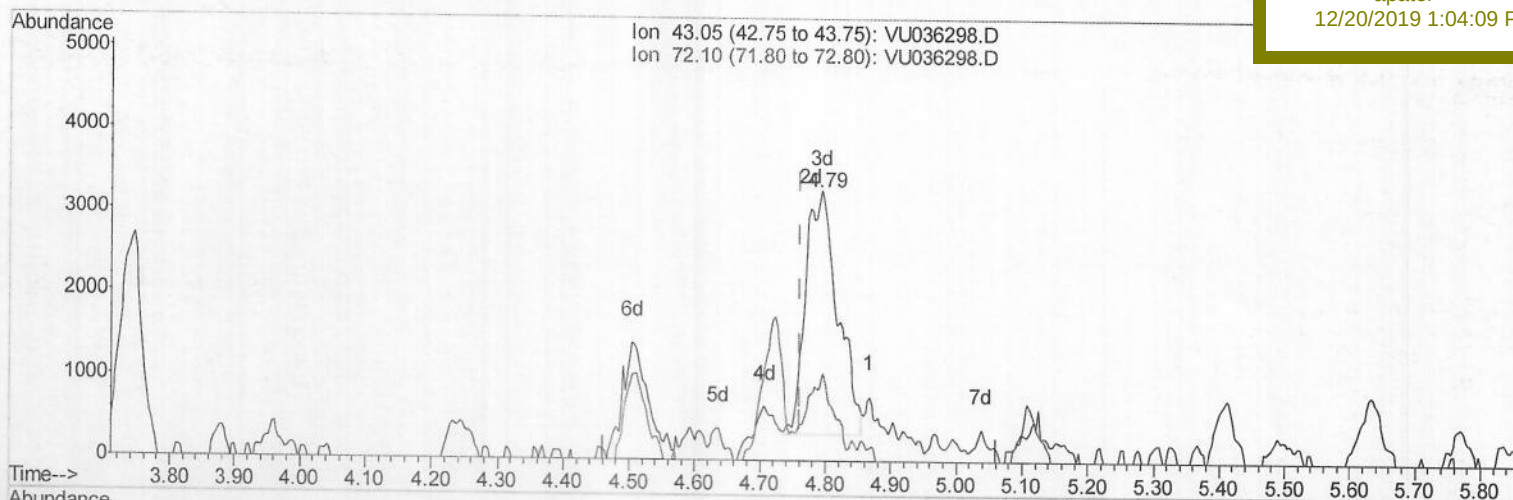
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TIC: VU036298.D

(21) 2-Butanone (T)

4.793min (+0.032) 2.08ug/L m

response 10140

Ion	Exp%	Act%
43.05	100	100
72.10	28.90	1.79#
0.00	0.00	0.00
0.00	0.00	0.00

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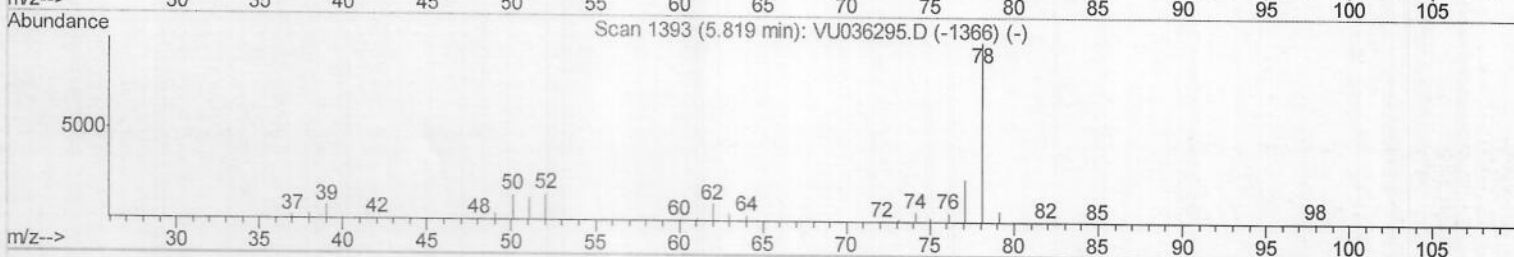
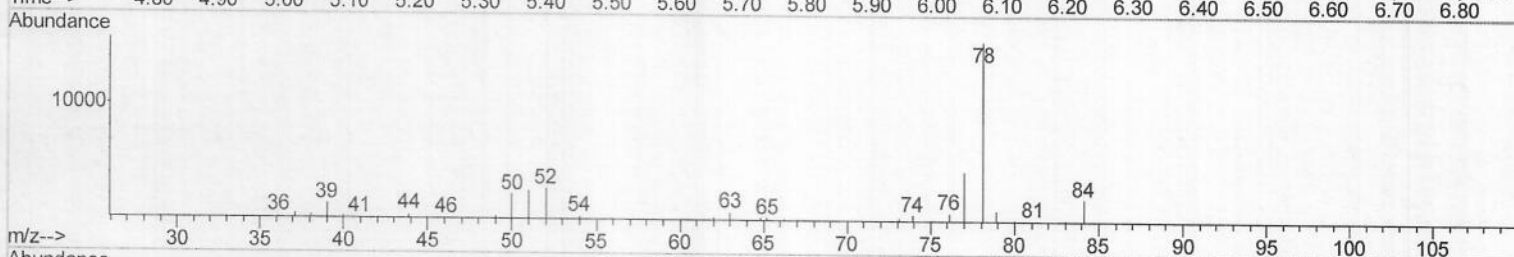
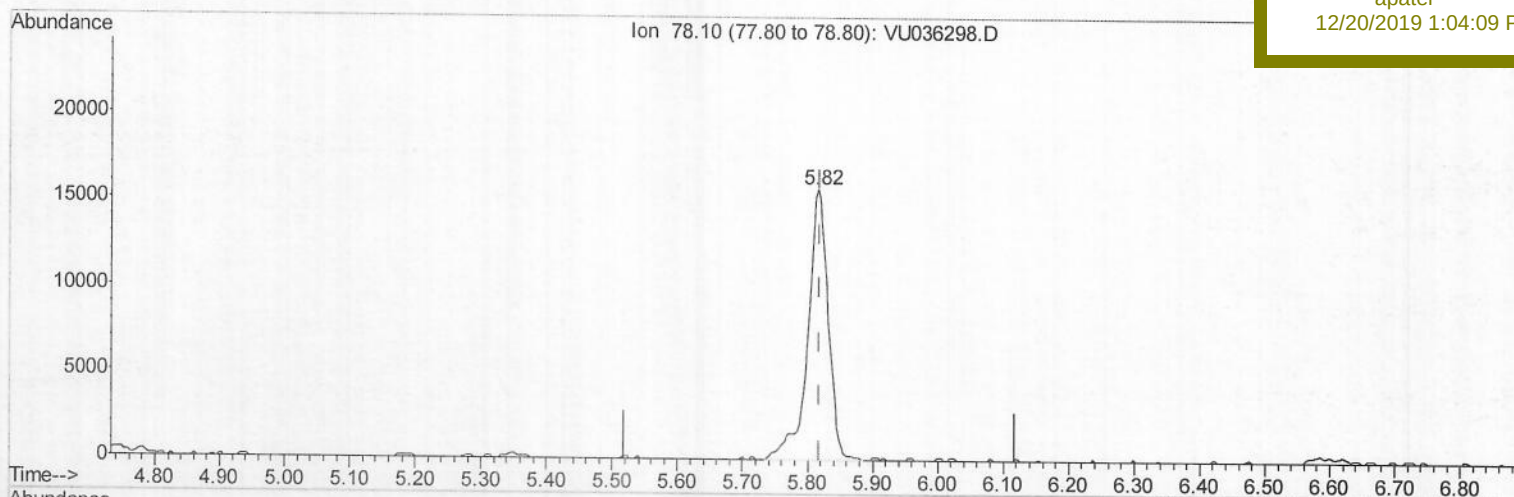
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TIC: VU036298.D

(33) Benzene (T)

5.816min (-0.003) 0.42ug/L

response 34300

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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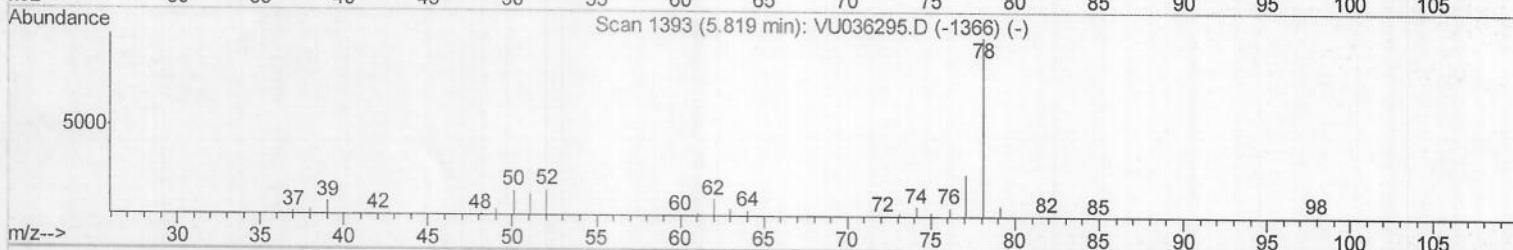
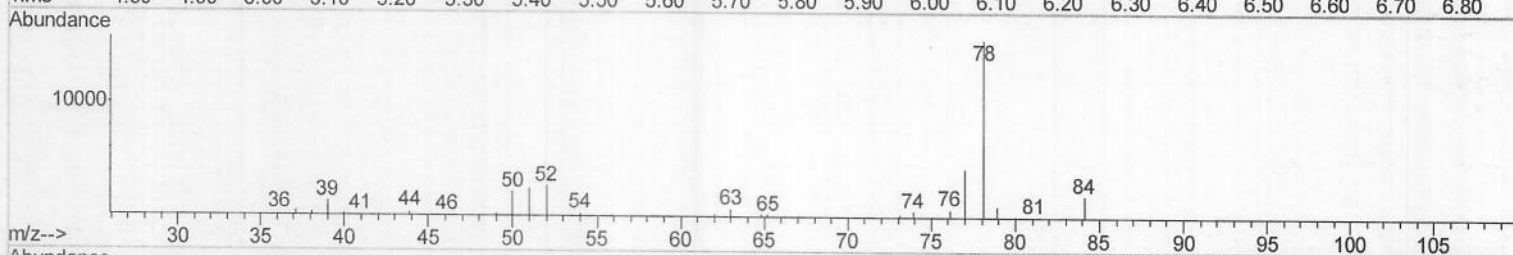
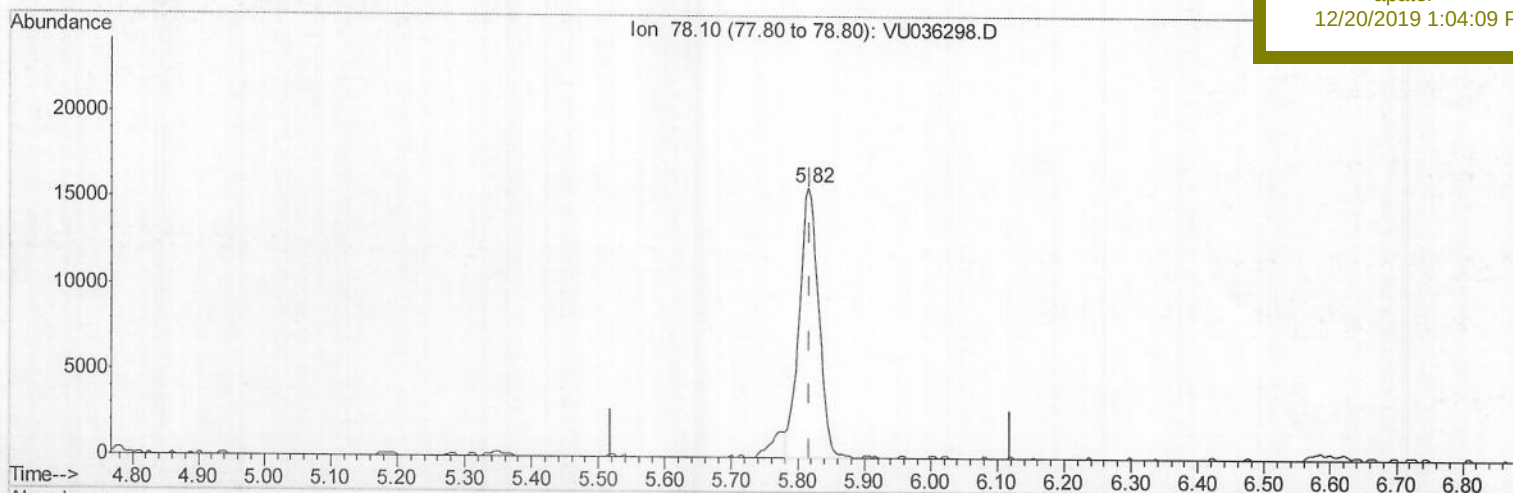
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TIC: VU036298.D

(33) Benzene (T)

5.816min (-0.003) 0.39ug/L m

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response 31888

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
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	6.29	114	253792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	263863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	118750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117029	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	101644	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.59	63	131573	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.71	46	214993	51.35	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.70%
24) Chloroform-d	5.11	84	168008	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	87722	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.77	84	310728	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.73	67	100264	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.93	98	246240	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	8.21	79	38911	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.67	63	165285	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88990	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	104061	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Qvalue	
3) Chloromethane	1.53	50	3404	0.096	ug/L	96
5) Vinyl chloride	1.62	62	10797	0.320	ug/L	88
9) Trichlorofluoromethane	2.16	101	42861	1.009	ug/L	93
12) 1,1-Dichloroethene	2.61	96	27366	1.454	ug/L #	56
13) Acetone	2.69	43	31896m	8.741	ug/L	
14) Carbon disulfide	2.82	76	28117	0.445	ug/L	97
15) Methyl Acetate	3.00	43	4355	0.591	ug/L #	51
18) trans-1,2-Dichloroethene	3.39	96	25468	1.292	ug/L	97
19) 1,1-Dichloroethane	3.92	63	15500	0.426	ug/L	95
21) 2-Butanone	4.79	43	10140m	2.080	ug/L	
22) cis-1,2-Dichloroethene	4.72	96	457079	21.609	ug/L	98
29) 1,1,1-Trichloroethane	5.37	97	2587	0.080	ug/L #	86
33) Benzene	5.82	78	31888m	0.393	ug/L	
34) Trichloroethene	6.58	95	5669332	271.174	ug/L	98
42) Toluene	8.00	91	146740	1.688	ug/L	97
47) Tetrachloroethene	8.58	164	11939	0.632	ug/L	95
51) Chlorobenzene	9.47	112	125815	2.192	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	2752	0.082	ug/L	92
63) 1,4-Dichlorobenzene	11.86	146	78925	1.986	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	108633	2.846	ug/L	98

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