

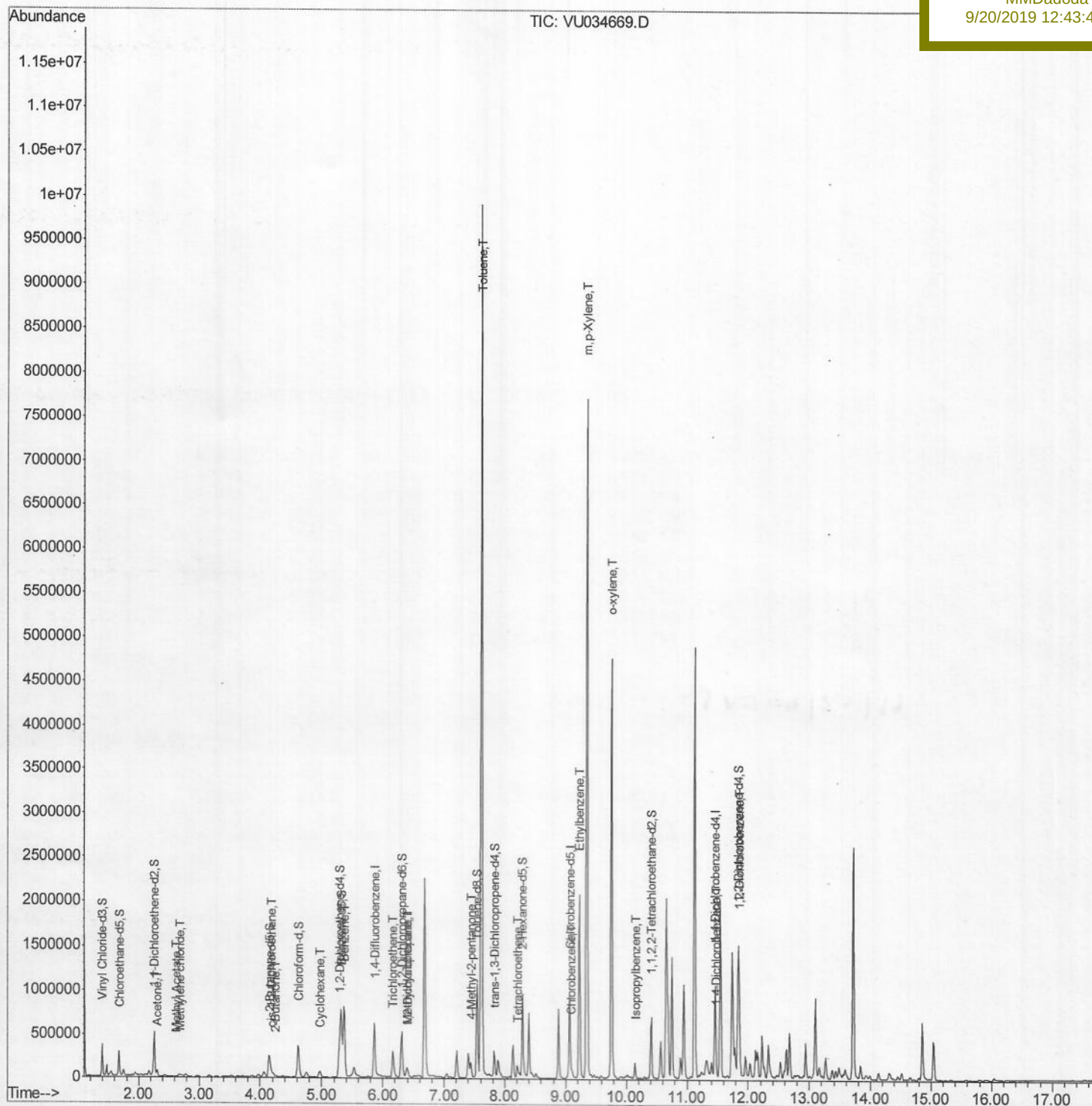
Data File : VU034669.D
Acq On : 20 Sep 2019 00:10
Operator : JC/SP
Sample : K4895-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 20 05:55:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 20 04:02:05 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDH3

Manual Integrations
APPROVED

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9/20/2019 12:43:46 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091919\
Quantitation Report (Qedit)

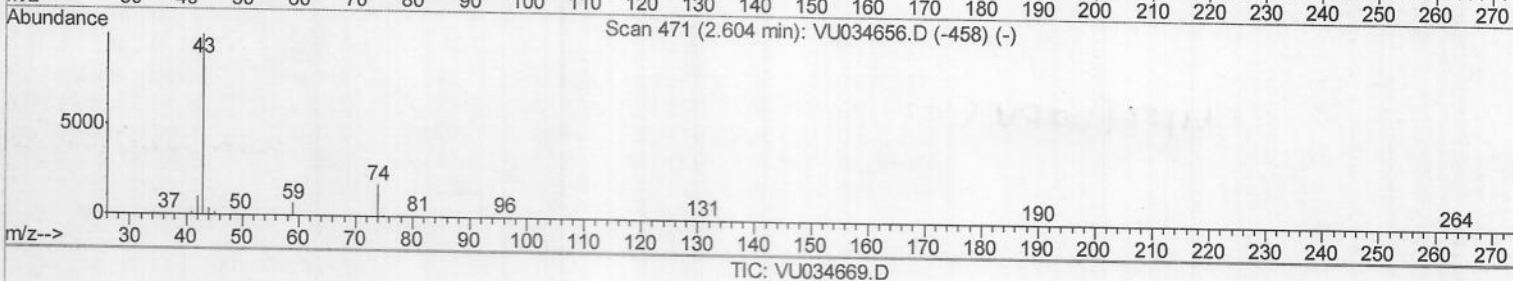
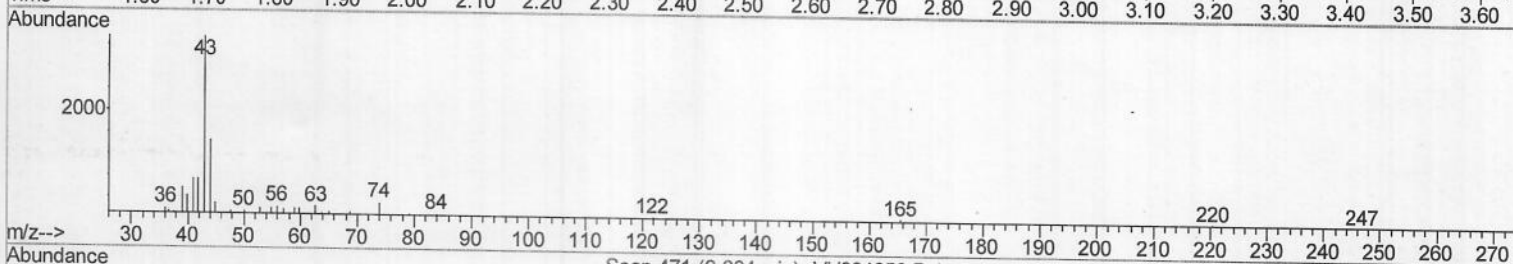
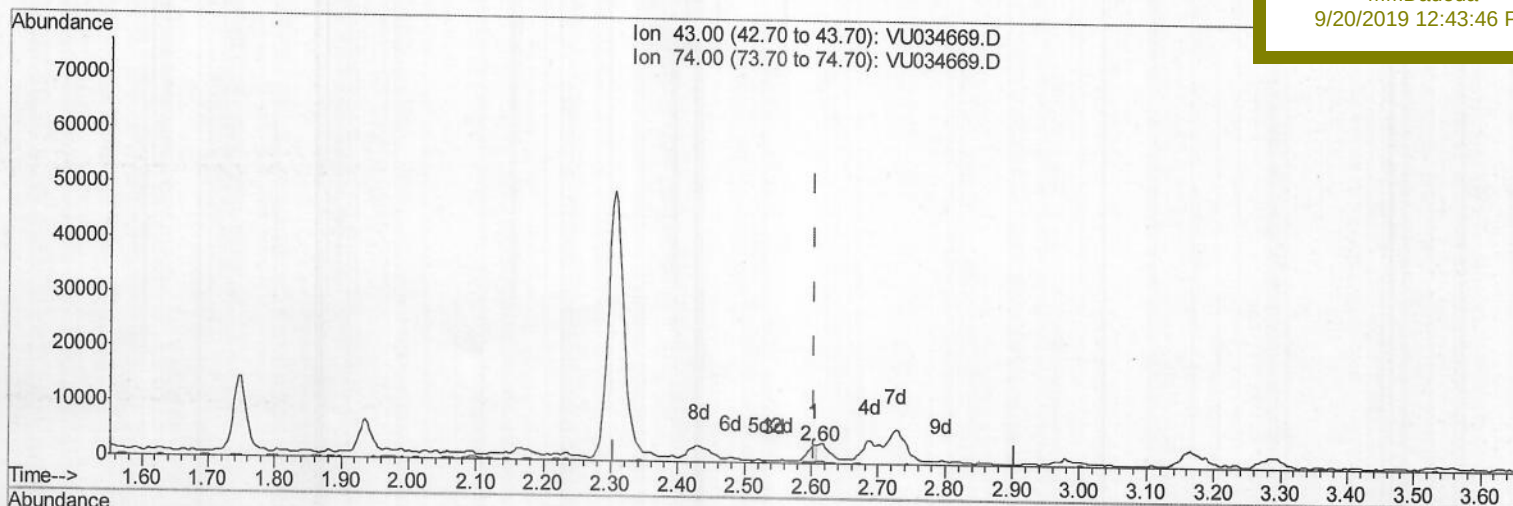
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TIC: VU034669.D

(15) Methyl Acetate (T)

2.605min (+0.000) 0.43ug/L

response 2537

Ion	Exp%	Act%
43.00	100	100
74.00	18.00	11.00#
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

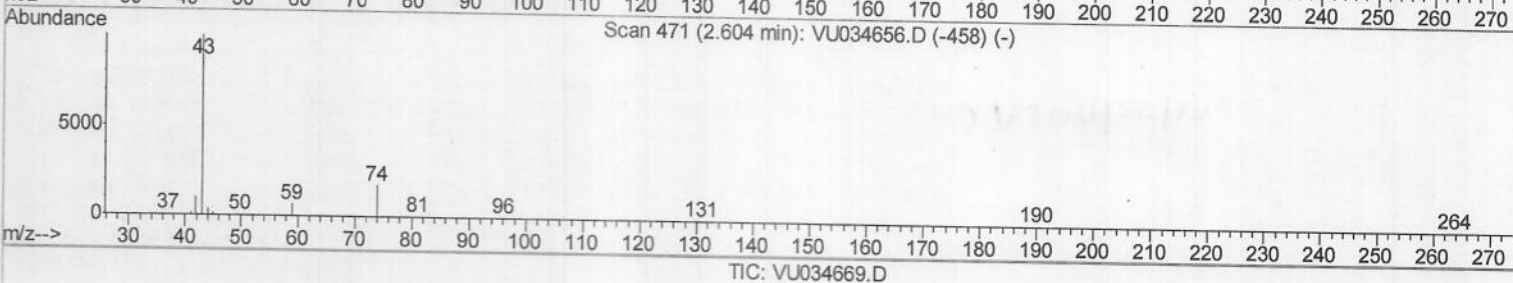
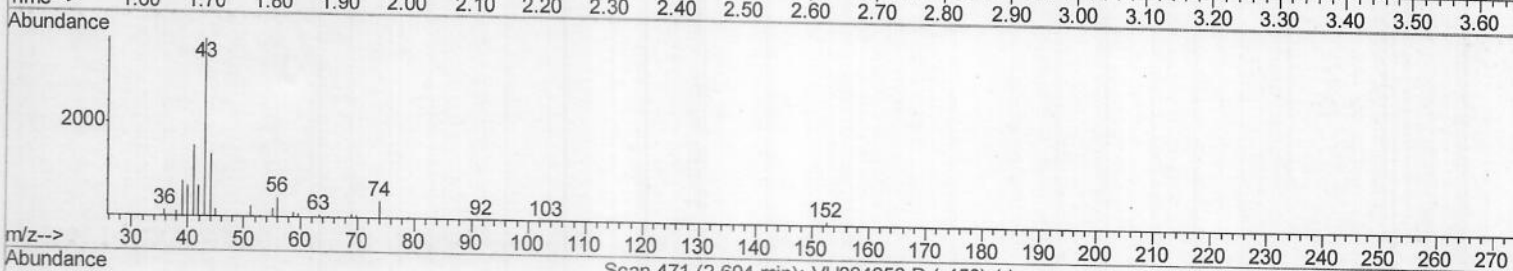
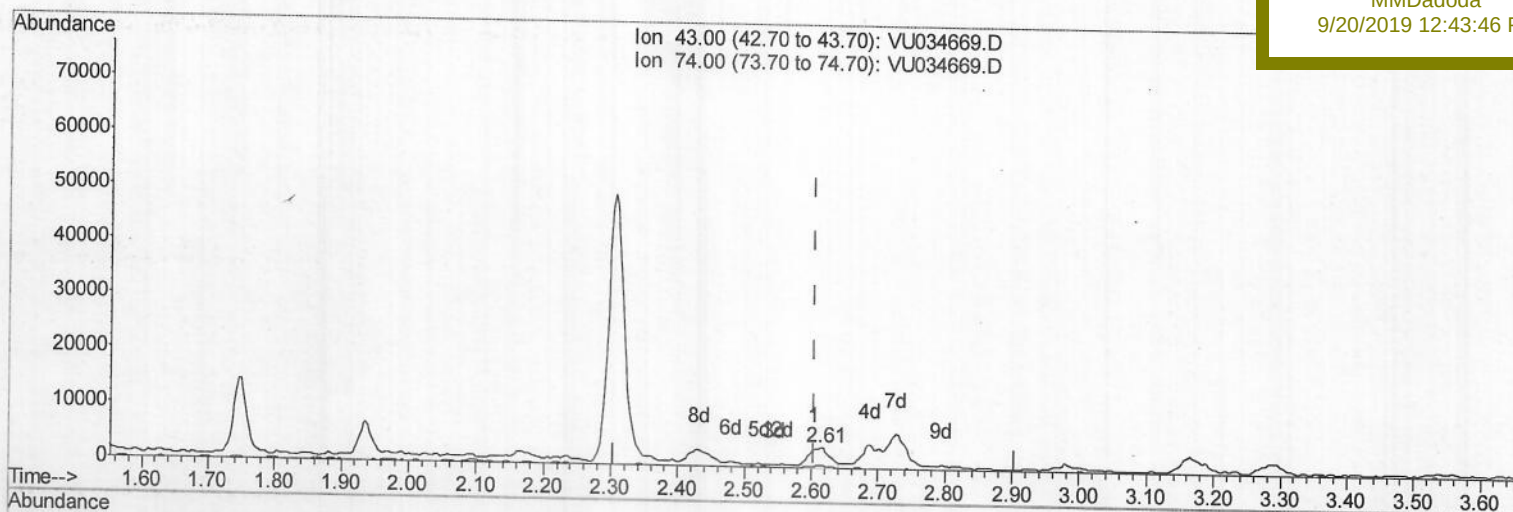
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(15) Methyl Acetate (T)

2.614min (+0.010) 1.33ug/L m

response 7888

Ion	Exp%	Act%
43.00	100	100
74.00	18.00	3.54#
0.00	0.00	0.00
0.00	0.00	0.00

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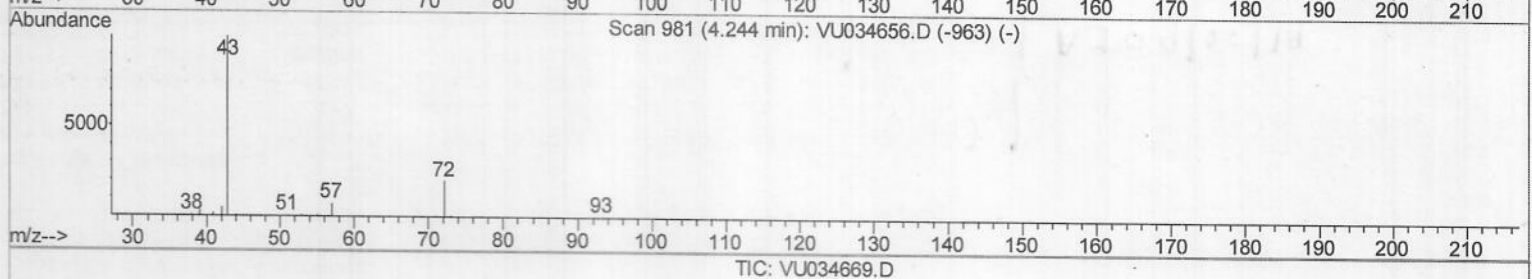
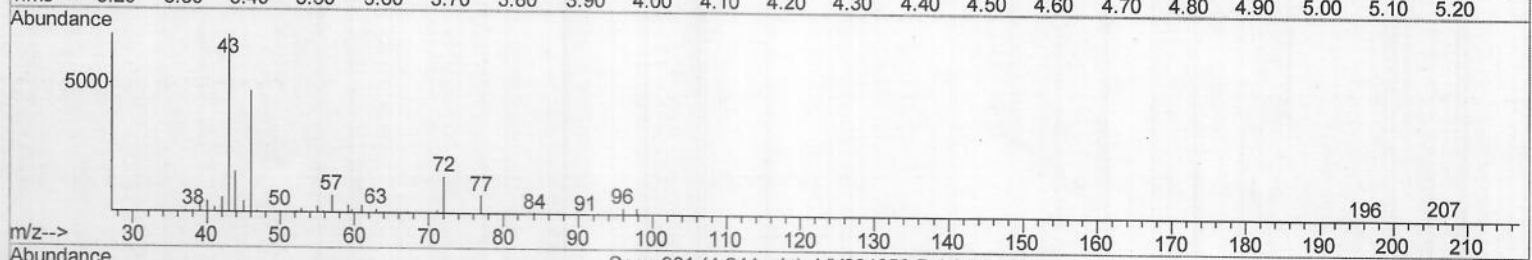
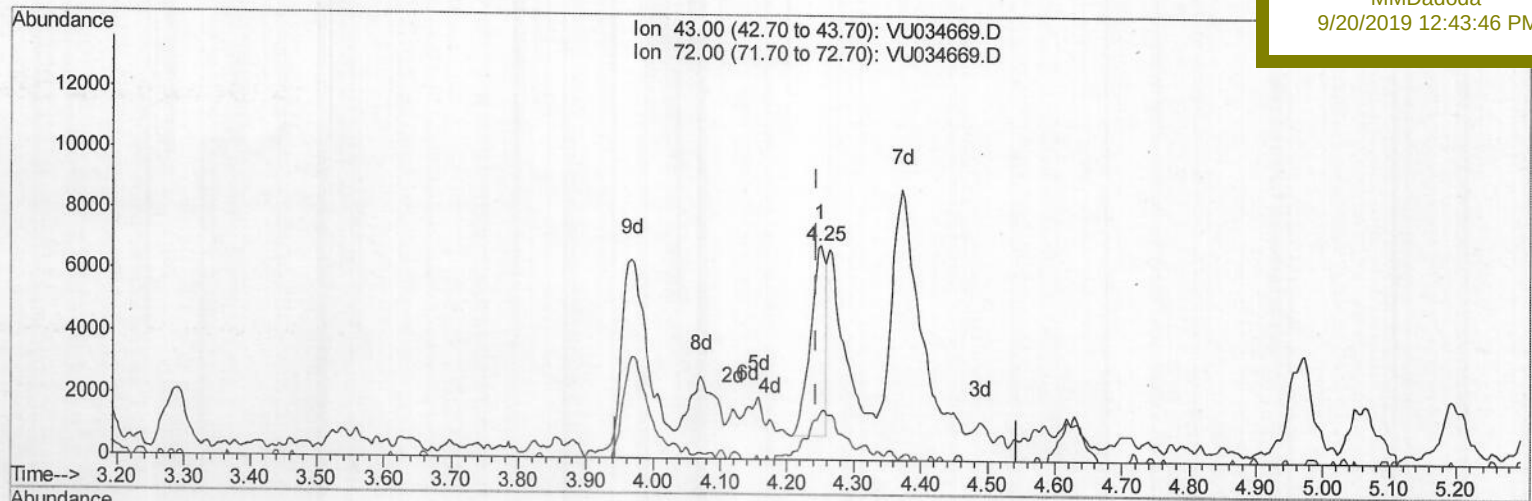
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ClientSampleId :
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Manual Integrations
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(22) 2-Butanone (T)
4.251min (+0.007) 1.79ug/L
response 9437

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	13.36
0.00	0.00	0.00
0.00	0.00	0.00

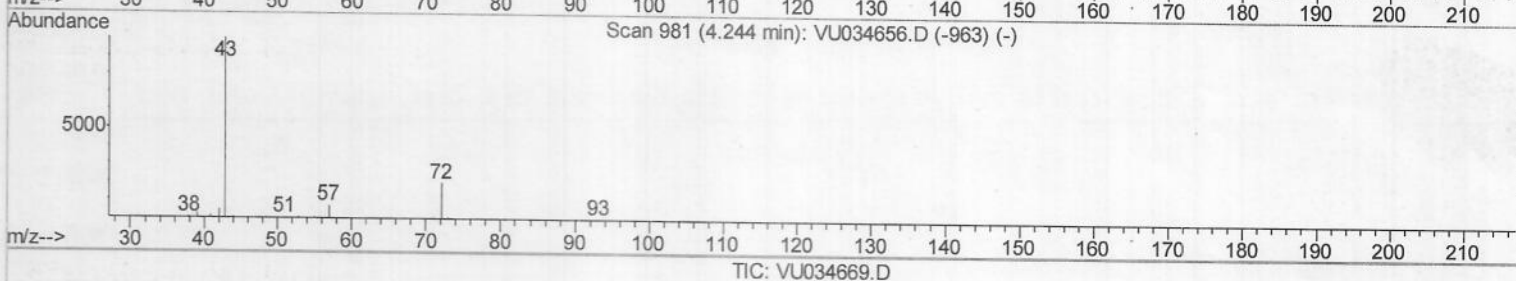
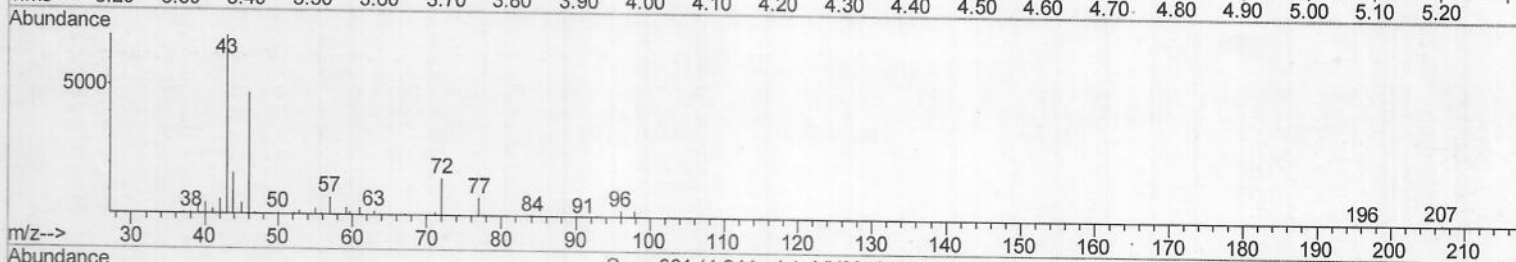
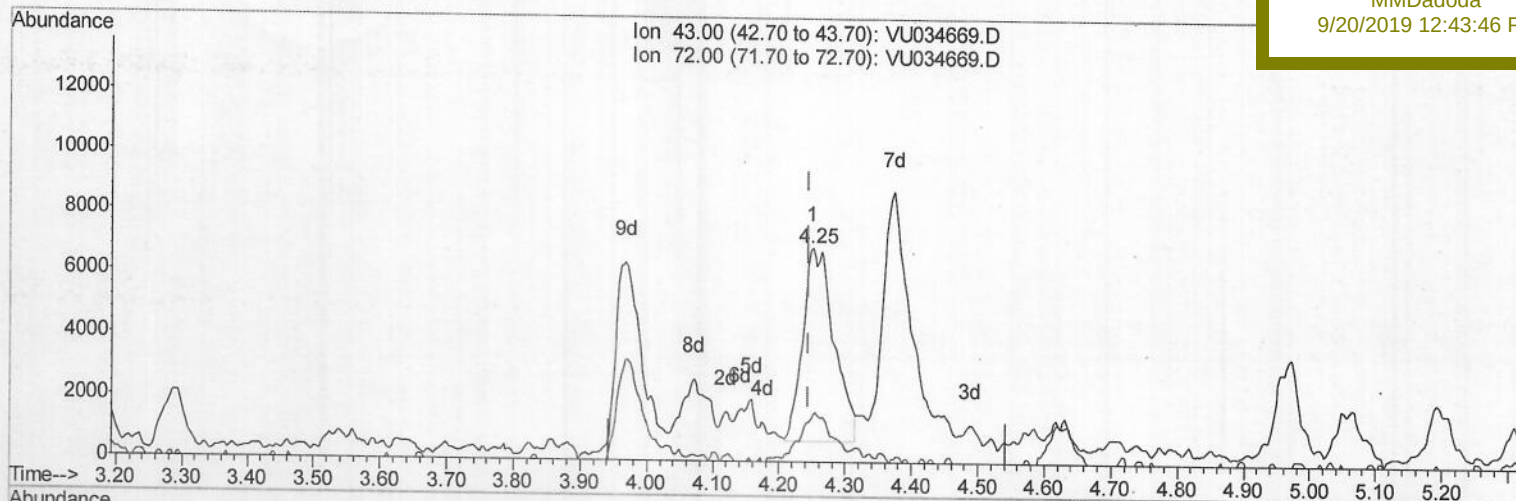
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDH3

Quant Time: Sep 20 04:09:20 2019
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Quant Title : VOC Analysis
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Manual Integrations
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(22) 2-Butanone (T)

4.251min (+0.007) 3.84ug/L m

response 20294

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Ion	Exp%	Act%
43.00	100	100
72.00	20.40	6.21#
0.00	0.00	0.00
0.00	0.00	0.00

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	486894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	468563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	223606	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	219488	44.03	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.06%	
7) Chloroethane-d5	1.67	69	178708	46.39	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.78%	
11) 1,1-Dichloroethene-d2	2.26	63	295016	34.95	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.90%	
21) 2-Butanone-d5	4.15	46	435908	114.11	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.11%	
24) Chloroform-d	4.62	84	342148	47.22	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.44%	
26) 1,2-Dichloroethane-d4	5.29	65	256614	48.17	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.34%	
32) Benzene-d6	5.32	84	699040	48.13	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.26%	
36) 1,2-Dichloropropane-d6	6.31	67	243070	47.88	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.76%	
41) Toluene-d8	7.54	98	659148	47.70	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.40%	
43) trans-1,3-Dichloropropene-	7.83	79	111510	45.87	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.74%	
47) 2-Hexanone-d5	8.29	63	285406	111.94	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	111.94%	
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329790	46.82	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.64%	
64) 1,2-Dichlorobenzene-d4	11.84	152	232984	49.69	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.38%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.31	43	78613	17.690	ug/L	98
15) Methyl Acetate	2.61	43	7888m	1.329	ug/L	
16) Methylene chloride	2.68	84	5562	1.378	ug/L	90
20) cis-1,2-Dichloroethene	4.20	96	14706	3.611	ug/L	91
22) 2-Butanone	4.25	43	20294m	3.839	ug/L	
29) Cyclohexane	4.97	56	38447	4.971	ug/L	95
33) Benzene	5.37	78	733603	45.142	ug/L	100
34) Trichloroethene	6.16	95	98114	24.446	ug/L	98
35) Methylcyclohexane	6.39	83	32056	4.707	ug/L	93
37) 1,2-Dichloropropane	6.41	63	11041	2.282	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	129572	14.026	ug/L	99
42) Toluene	7.61	91	6585254	374.955	ug/L	99
46) Tetrachloroethene	8.20	164	22238	7.877	ug/L	95
51) Chlorobenzene	9.10	112	24394	2.285	ug/L	97
52) Ethylbenzene	9.23	91	1380941	69.825	ug/L	100
53) m,p-Xylene	9.35	106	1922257	274.413	ug/L	97
54) o-xylene	9.76	106	1112224	160.529	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.14	105	104923	5.616	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	12194	1.546	ug/L	91
65) 1,2-Dichlorobenzene	11.85	146	110135	14.076	ug/L	97

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