

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031661.D
 Acq On : 01 May 2019 02:35
 Operator : JC/SP
 Sample : K2604-14
 Misc : 5.00µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ88

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 9:54:26 AM

Quant Time: May 01 05:40:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 04:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	955338	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	909276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	373758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307707	38.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.98%
7) Chloroethane-d5	1.68	69	196454	31.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.60%#
11) 1,1-Dichloroethene-d2	2.24	63	469277	29.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.94%#
21) 2-Butanone-d5	4.21	46	563339	77.76	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.76%
24) Chloroform-d	4.64	84	554469	37.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.74%
26) 1,2-Dichloroethane-d4	5.31	65	389436	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
32) Benzene-d6	5.33	84	1141493	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
36) 1,2-Dichloropropane-d6	6.32	67	400701	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.58%
41) Toluene-d8	7.56	98	955172	39.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.56%#
43) trans-1,3-Dichloropropene-	7.86	79	162378	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
47) 2-Hexanone-d5	8.34	63	402348	94.63	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.63%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	488939	37.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	315195	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	5306m	0.655 ug/L	
42) Toluene	7.64	91	17990	0.540 ug/L	88
52) Ethylbenzene	9.25	91	20603	0.596 ug/L	87

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

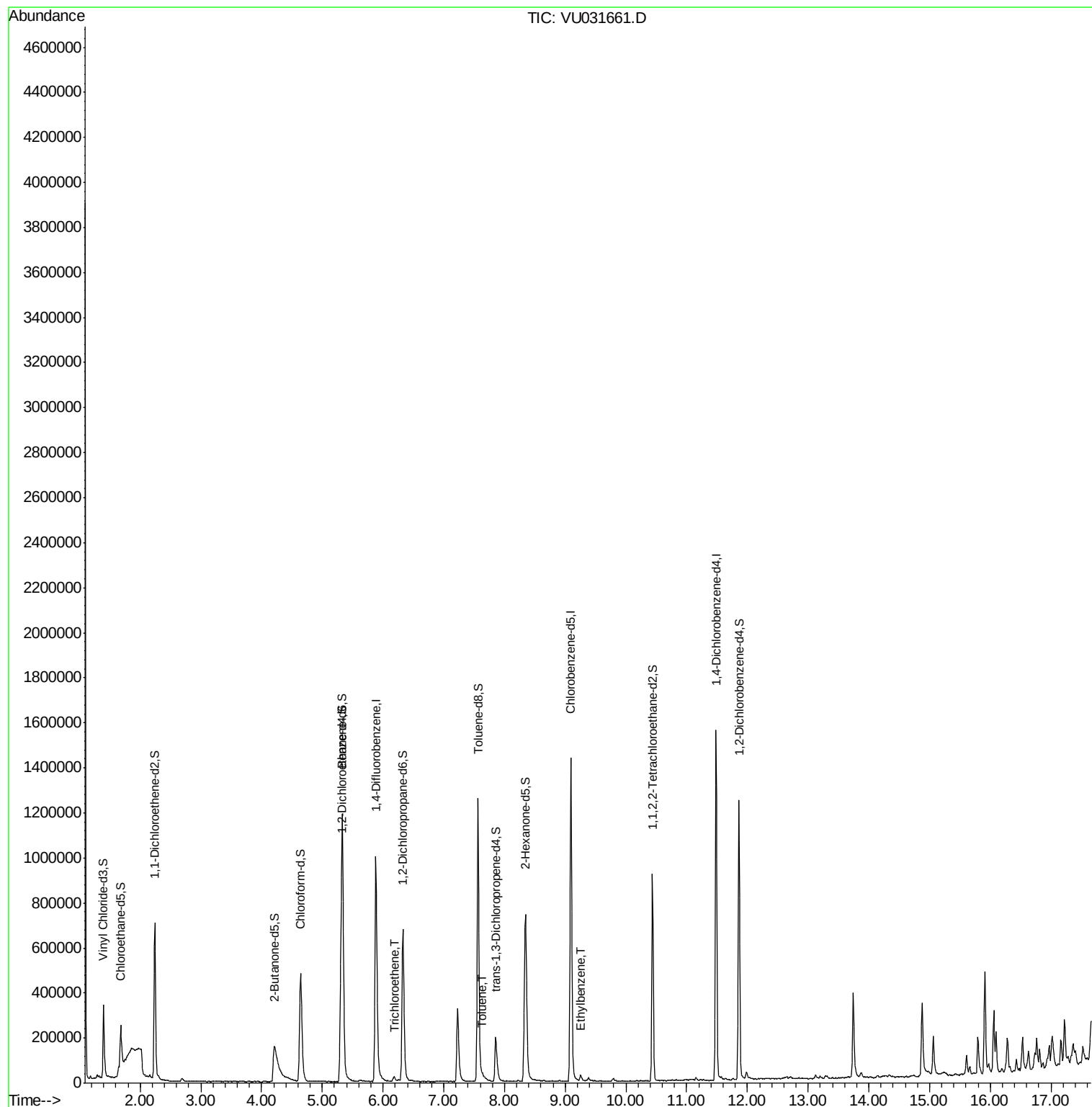
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
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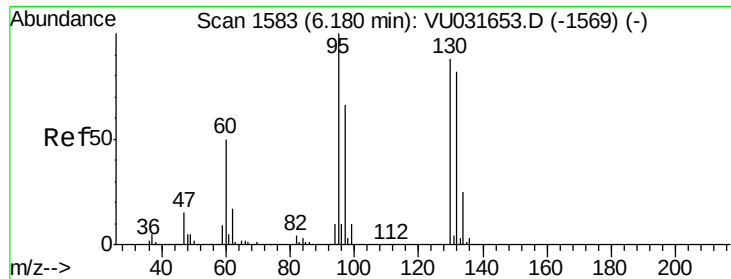
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#34

Trichloroethene

Concen: 0.655 ug/L m

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031661.D

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Instrument :

MSVOA_U

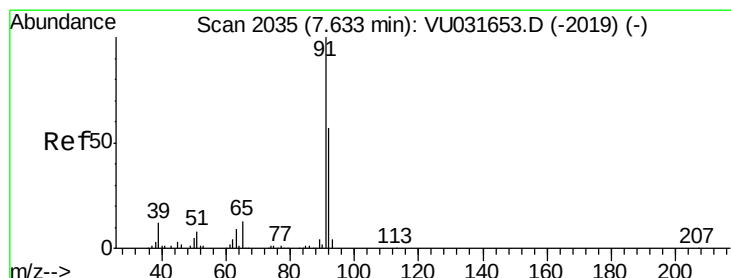
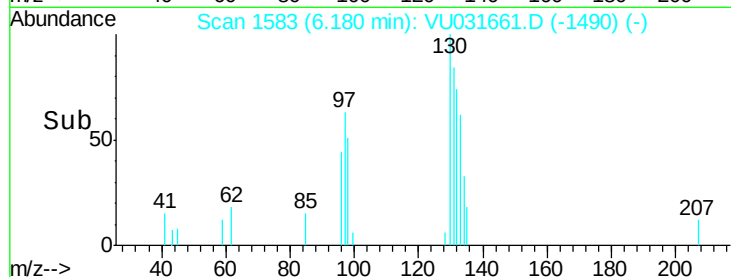
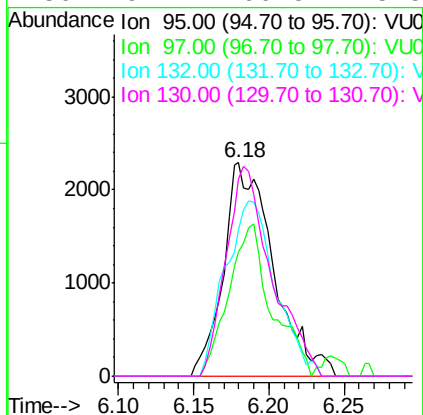
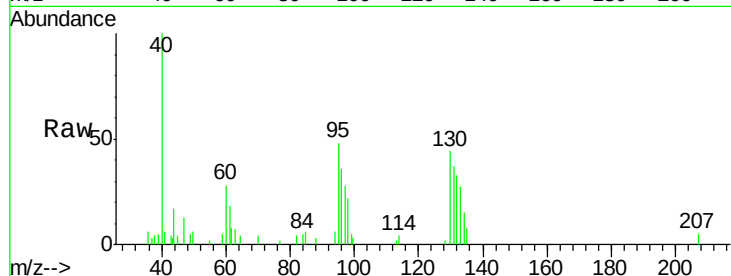
ClientSampleId :

GAJ88

Tot Ion:	95	Resp:	5306
Ion	Ratio	Lower	Upper
95	100		
97	58.0	44.8	83.2
132	68.6	63.1	117.1
130	92.1	66.5	123.5

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#42

Toluene

Concen: 0.540 ug/L

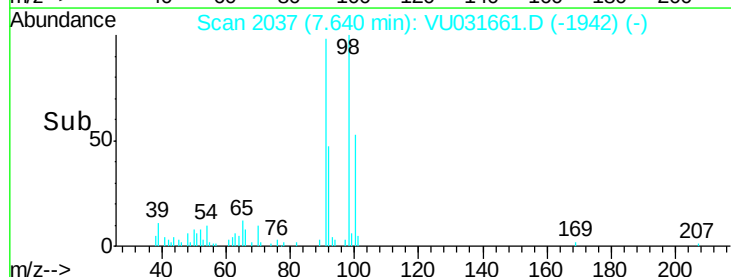
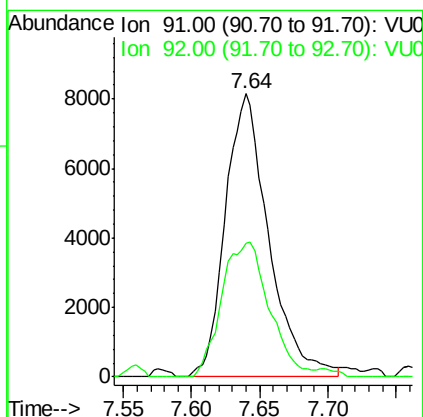
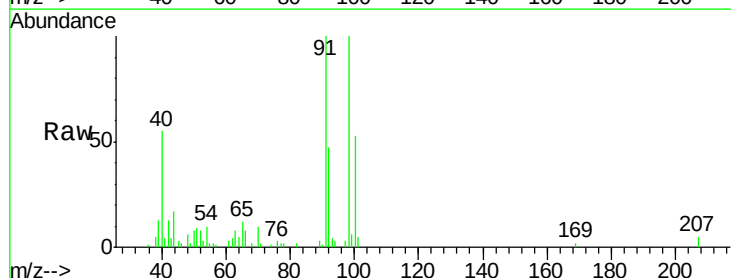
RT: 7.64 min Scan# 2037

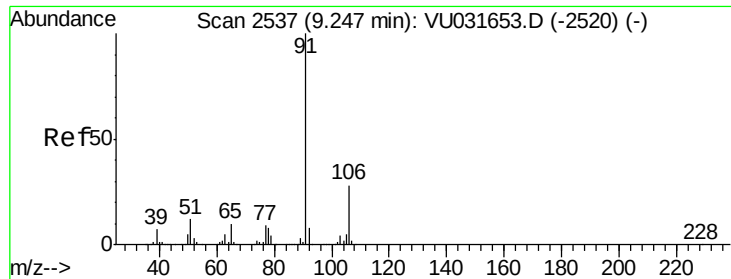
Delta R.T. 0.01 min

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Acq: 01 May 2019 02:35

Tgt Ion:	91	Resp:	17990
Ion	Ratio	Lower	Upper
91	100		
92	47.2	39.0	72.4





#52
Ethylbenzene
Concen: 0.596 ug/L
RT: 9.25 min Scan# 2539
Delta R.T. 0.01 min
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		20603		
106	36.1		20.4	37.8	

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