

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031658.D
 Acq On : 01 May 2019 01:25
 Operator : JC/SP
 Sample : K2604-10
 Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ84

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 9:54:17 AM

Quant Time: May 01 05:18:23 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	880563	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	838861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	352826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	293726	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.68	69	186287	32.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.42%#
11) 1,1-Dichloroethene-d2	2.24	63	456342m	31.09	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	4.21	46	561723	84.13	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.13%
24) Chloroform-d	4.64	84	524110	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
26) 1,2-Dichloroethane-d4	5.31	65	373750	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
32) Benzene-d6	5.33	84	1057608	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.12%
36) 1,2-Dichloropropane-d6	6.32	67	380732	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.02%
41) Toluene-d8	7.56	98	898189	40.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.06%
43) trans-1,3-Dichloropropene-	7.86	79	152584	39.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.44%
47) 2-Hexanone-d5	8.34	63	385060	98.16	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	470199	38.66	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	298227	40.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.38%

Target Compounds					Ovalue
16) Methylene chloride	2.69	84	5792	0.714 ug/L	94
34) Trichloroethene	6.18	95	6147	0.822 ug/L	80
54) o-xylene	9.79	106	11248	1.022 ug/L	74
55) Styrene	9.81	104	8152	0.433 ug/L	86

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

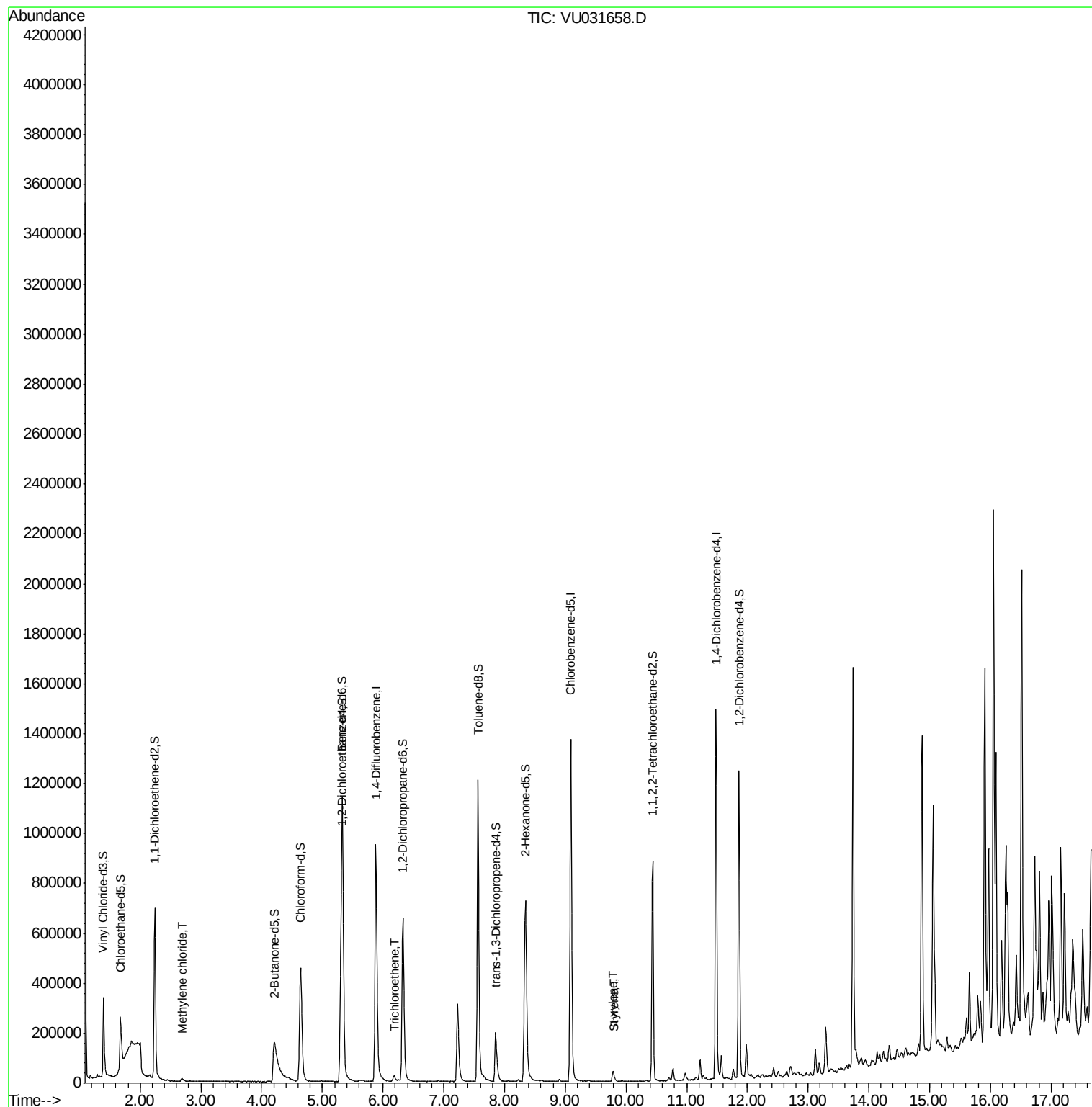
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
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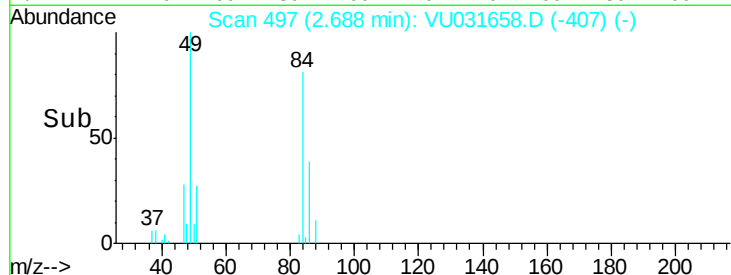
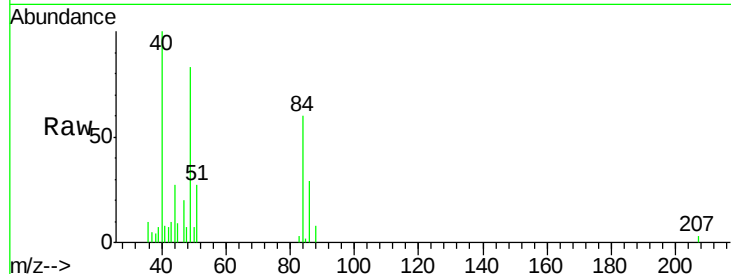
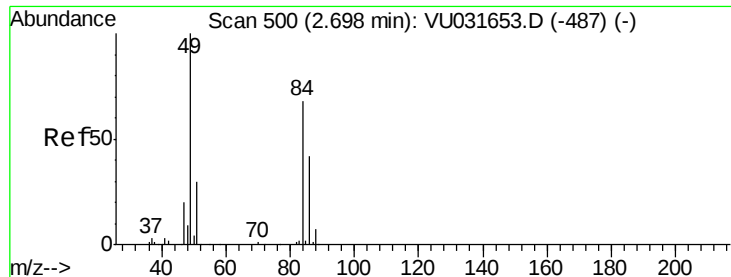
Instrument :
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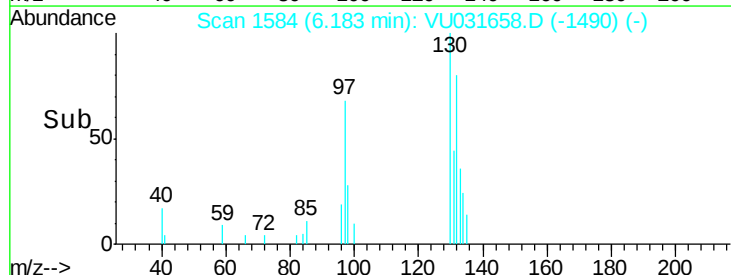
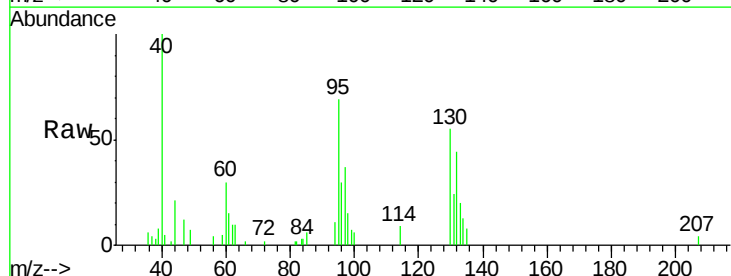
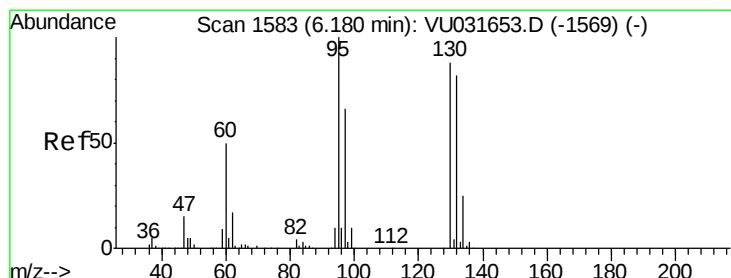
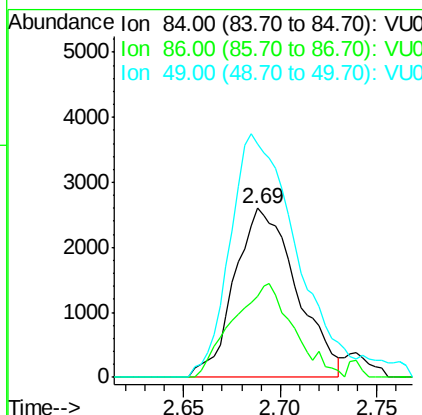
#16
Methylene chloride
Concen: 0.714 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

Tot Ion: 84 Resp: 5792
Ion Ratio Lower Upper
84 100
86 48.1 44.7 83.1
49 137.7 96.5 179.3

Instrument :
MSVOA_U
ClientSampled :
GAJ84

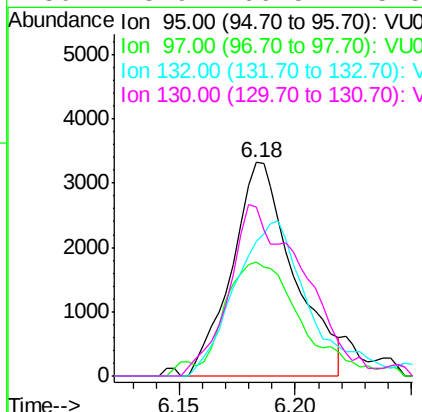
Manual Integrations
APPROVED

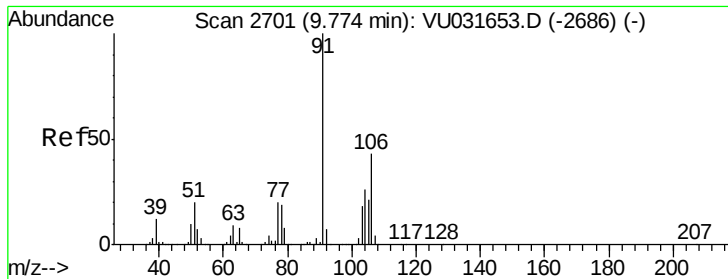
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5/1/2019 9:54:17 AM



#34
Trichloroethene
Concen: 0.822 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031658.D
Acq: 01 May 2019 01:25

Tgt Ion: 95 Resp: 6147
Ion Ratio Lower Upper
95 100
97 53.5 44.8 83.2
132 63.1 63.1 117.1
130 78.9 66.5 123.5





#54

o-xylene

Concen: 1.022 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. 0.01 min

Lab File: VU031658.D

Acq: 01 May 2019 01:25

Instrument :

MSVOA_U

ClientSampled :

GAJ84

Tot Ion:106 Resp: 11248

Ion Ratio Lower Upper

106 100

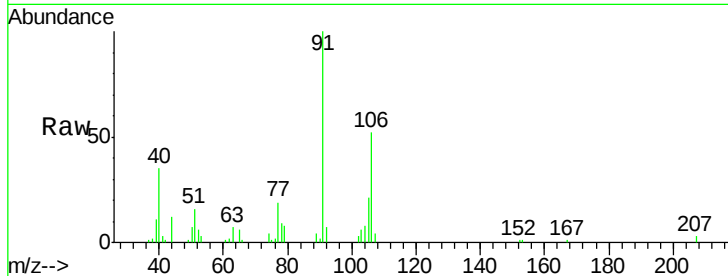
91 190.6 163.2 303.2

Manual Integrations

APPROVED

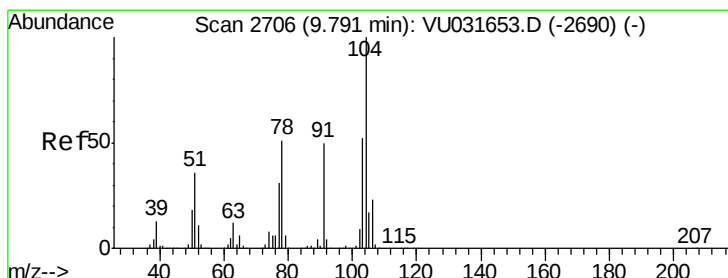
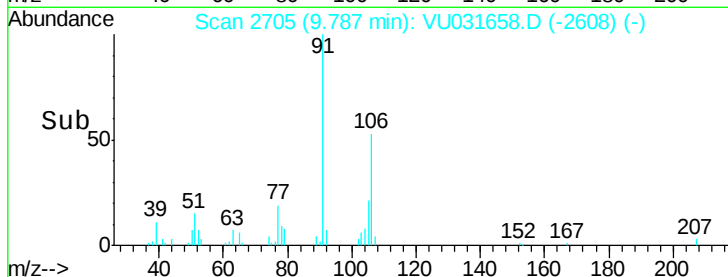
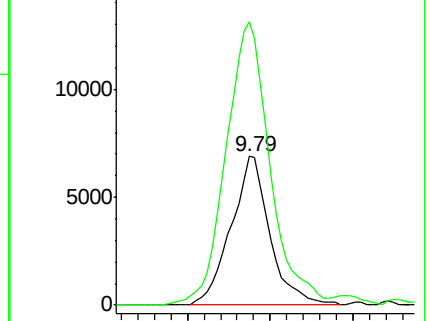
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 0.433 ug/L

RT: 9.81 min Scan# 2713

Delta R.T. 0.02 min

Lab File: VU031658.D

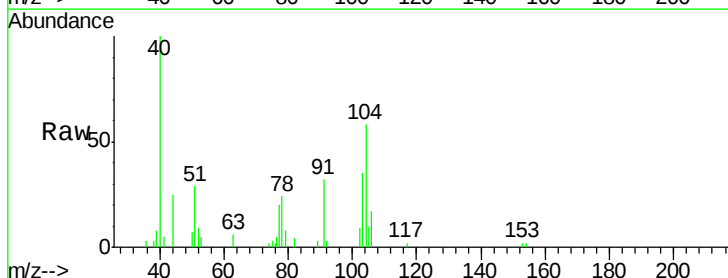
Acq: 01 May 2019 01:25

Tgt Ion:104 Resp: 8152

Ion Ratio Lower Upper

104 100

78 40.8 35.4 65.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

