

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102618\
 Data File : VU027825.D
 Acq On : 26 Oct 2018 12:00
 Operator : MD/SY
 Sample : J5635-26ME
 Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A40G2ME

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:30:22 PM

Quant Time: Nov 13 17:20:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	107962	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61617	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26416	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.90%
7) Chloroethane-d5	1.64	69	25192m	38.95	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.90%
11) 1,1-Dichloroethene-d2	2.23	63	38319	25.33	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.66%#
21) 2-Butanone-d5	4.20	46	56646	79.13	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.13%
24) Chloroform-d	4.65	84	52824	34.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.96%#
26) 1,2-Dichloroethane-d4	5.30	65	40061	38.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.62%
32) Benzene-d6	5.33	84	100987	32.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.90%#
36) 1,2-Dichloropropane-d6	6.33	67	37186	33.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.96%#
41) Toluene-d8	7.57	98	94884	33.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.12%#
43) trans-1,3-Dichloropropene-	7.85	79	18434	34.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.38%
47) 2-Hexanone-d5	8.33	63	45721	81.65	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.65%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	56878	40.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	43836	34.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.46%#

Target Compounds

					Ovalue
56) Isopropylbenzene	10.17	105	4462	1.234 ug/L	95
62) 1,3-Dichlorobenzene	11.42	146	15113	8.180 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	97279	51.635 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	4030	2.121 ug/L	96

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

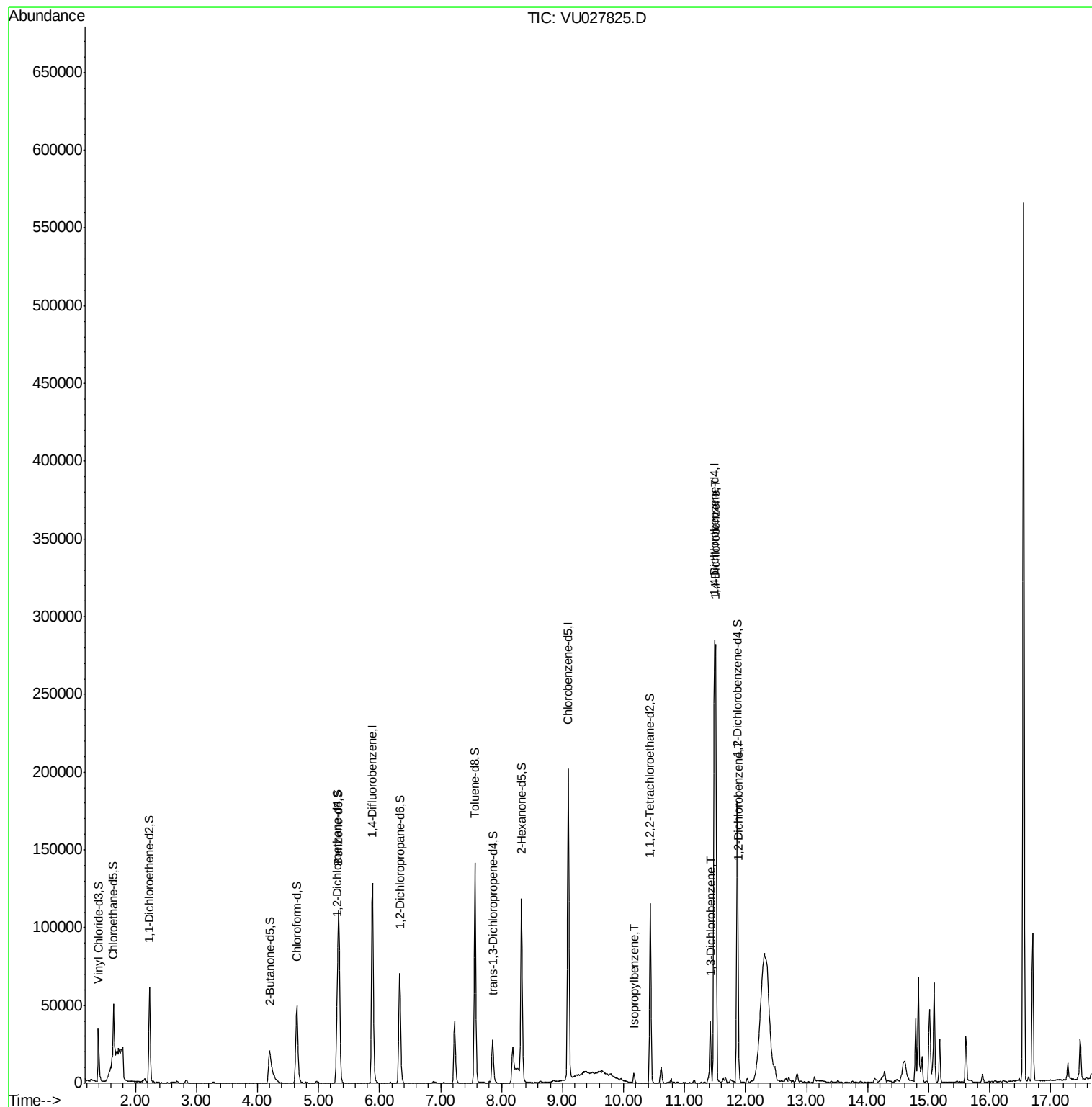
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102618\
Data File : VU027825.D
Acq On : 26 Oct 2018 12:00
Operator : MD/SY
Sample : J5635-26ME
Misc : 5.64g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

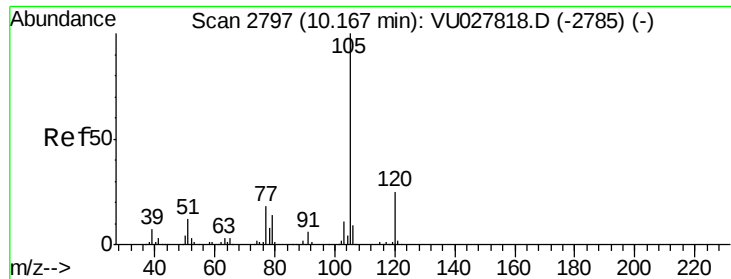
Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

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Quant Title : VOC Analysis
QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration





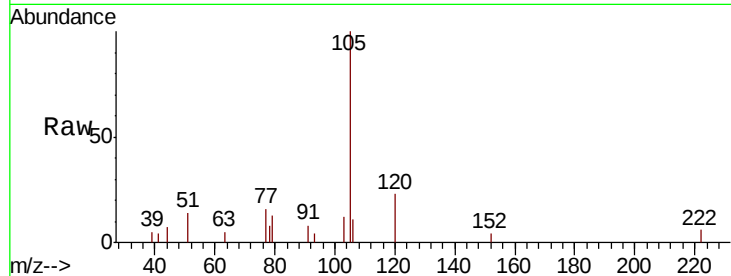
#56
Isopropylbenzene
Concen: 1.234 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

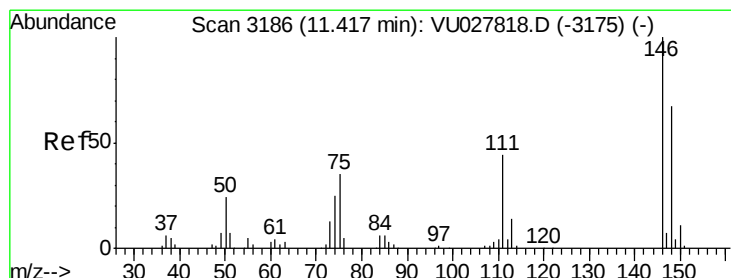
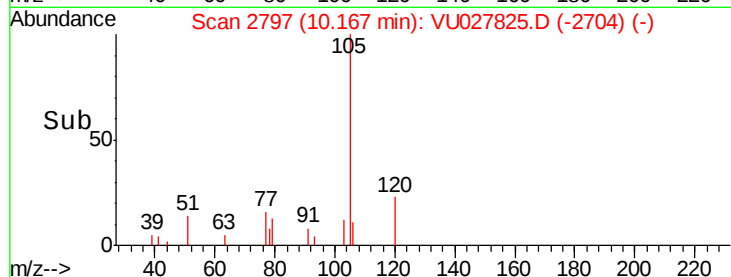
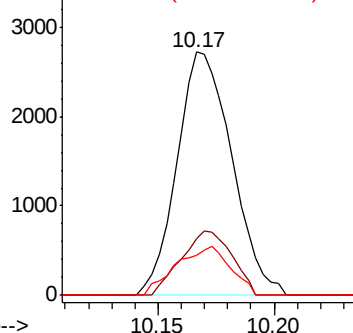
Tot Ion	Ratio	Lower	Upper
105	100		
120	24.4	21.0	31.6
77	19.9	13.7	20.5

Manual Integrations
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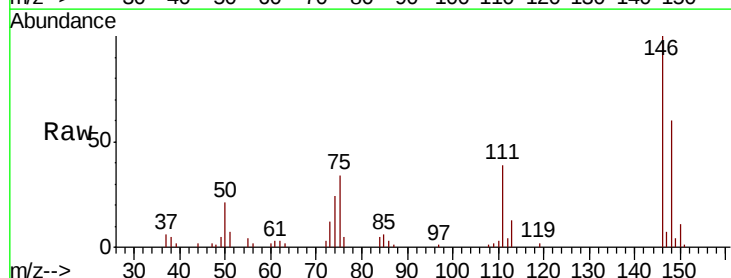


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

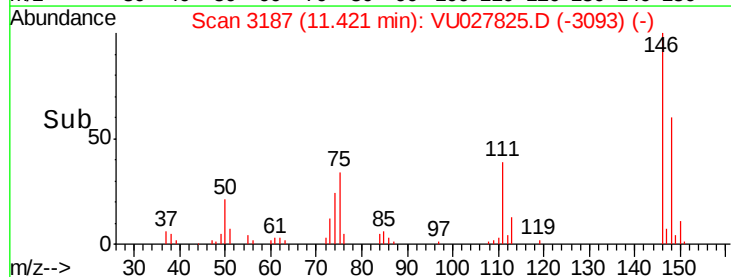
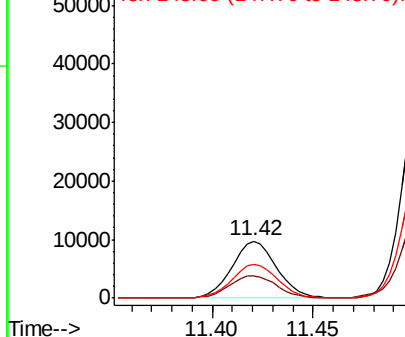


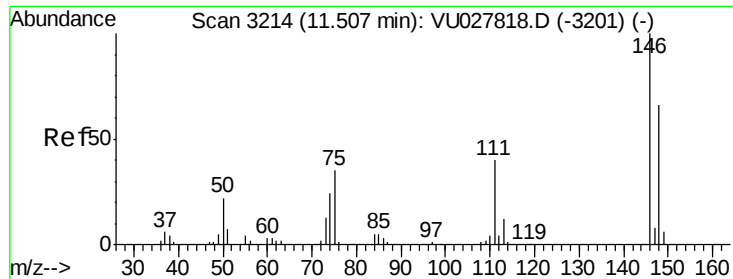
#62
1,3-Dichlorobenzene
Concen: 8.180 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	28.1	52.3
148	60.0	43.7	81.1



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





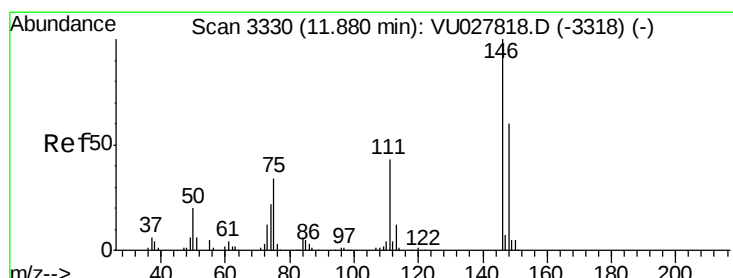
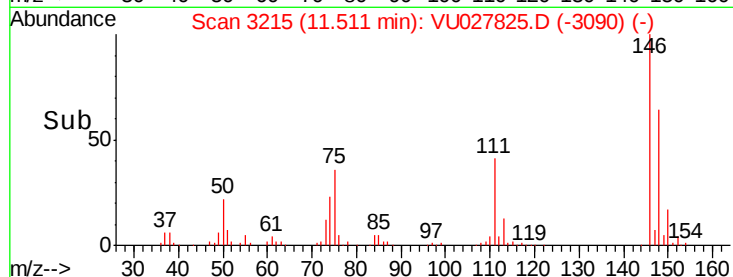
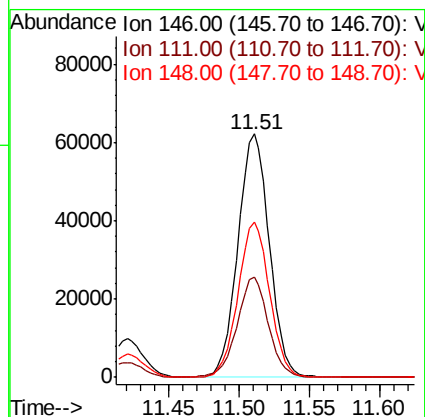
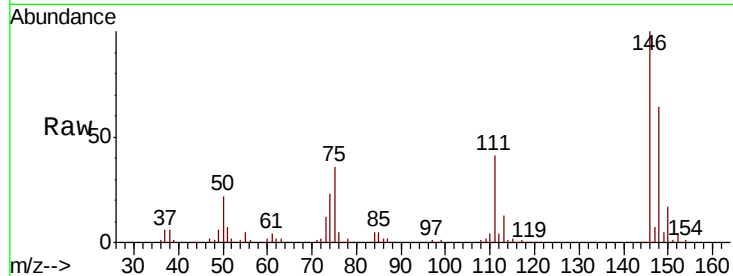
#63
1,4-Dichlorobenzene
Concen: 51.635 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Instrument :
MSVOA_U
ClientSampleId :
A40G2ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	27.5	51.1
148	63.9	44.1	81.9

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#65
1,2-Dichlorobenzene
Concen: 2.121 ug/L
RT: 11.88 min Scan# 3331
Delta R.T. 0.00 min
Lab File: VU027825.D
Acq: 26 Oct 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	33.8	50.8
148	59.6	51.5	77.3

