

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122418\
 Data File : VU028941.D
 Acq On : 24 Dec 2018 12:42
 Operator : MD/SY
 Sample : J6489-07
 Misc : 5.09g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F75

Quant Time: Dec 25 01:12:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 25 00:02:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	222133	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	216798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114568	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79387	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.16%
7) Chloroethane-d5	1.64	69	43647	31.73	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.46%#
11) 1,1-Dichloroethene-d2	2.23	63	125689	41.97	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.94%
21) 2-Butanone-d5	4.19	46	144246	115.61	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.61%
24) Chloroform-d	4.64	84	162049	57.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.74%
26) 1,2-Dichloroethane-d4	5.30	65	101566	58.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.68%
32) Benzene-d6	5.33	84	357444	58.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.72%
36) 1,2-Dichloropropane-d6	6.33	67	118108	56.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.52%
41) Toluene-d8	7.56	98	334426	60.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.50%#
43) trans-1,3-Dichloropropene-	7.85	79	57207	61.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.72%
47) 2-Hexanone-d5	8.32	63	134306	135.91	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.91%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	191261	66.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.52%#
64) 1,2-Dichlorobenzene-d4	11.86	152	148268	63.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.98%#

Target Compounds

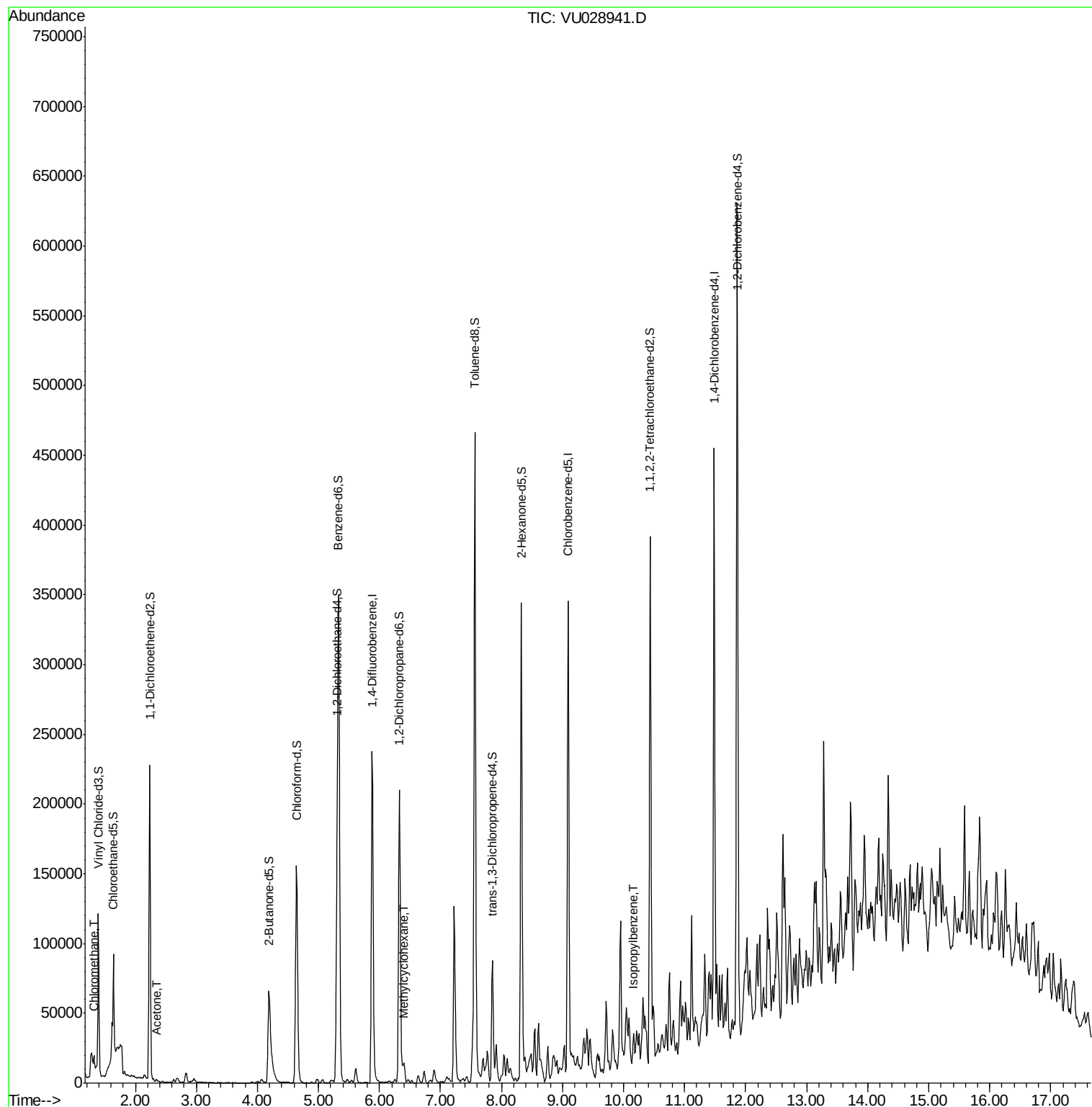
					Qvalue
3) Chloromethane	1.32	50	5535	2.247 ug/L	96
13) Acetone	2.34	43	1539	1.210 ug/L	82
35) Methylcyclohexane	6.41	83	6172	2.224 ug/L #	81
56) Isopropylbenzene	10.17	105	6919	0.979 ug/L #	91

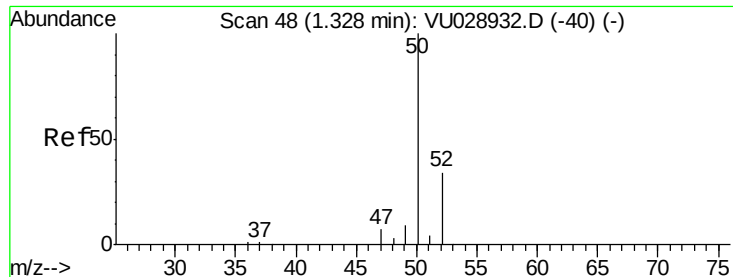
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.247 ug/L

RT: 1.32 min Scan# 46

Delta R.T. -0.01 min

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Acq: 24 Dec 2018 12:42

Instrument :

MSVOA_U

ClientSampleId :

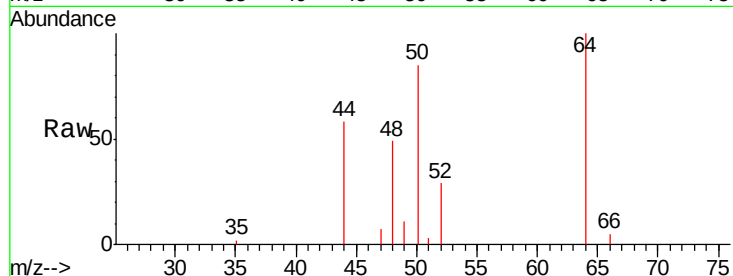
F9F75

Tgt Ion: 50 Resp: 5535

Ion Ratio Lower Upper

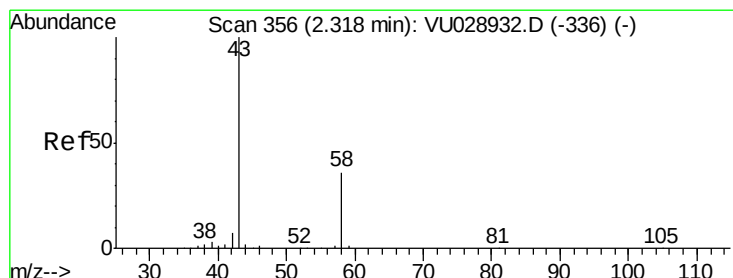
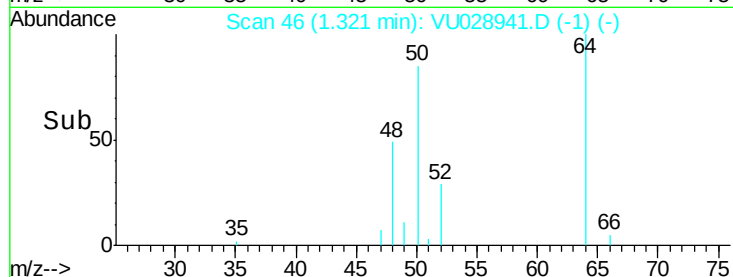
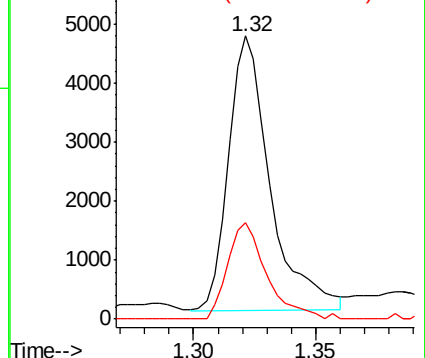
50 100

52 33.9 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 1.210 ug/L

RT: 2.34 min Scan# 363

Delta R.T. 0.02 min

Lab File: VU028941.D

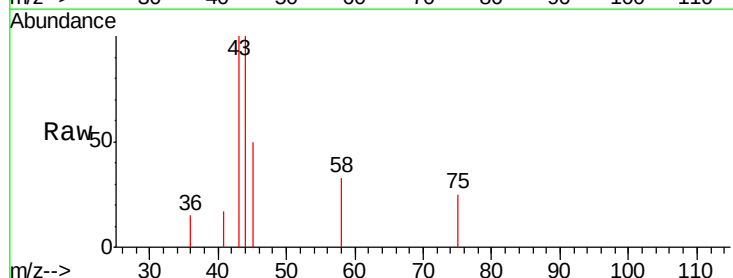
Acq: 24 Dec 2018 12:42

Tgt Ion: 43 Resp: 1539

Ion Ratio Lower Upper

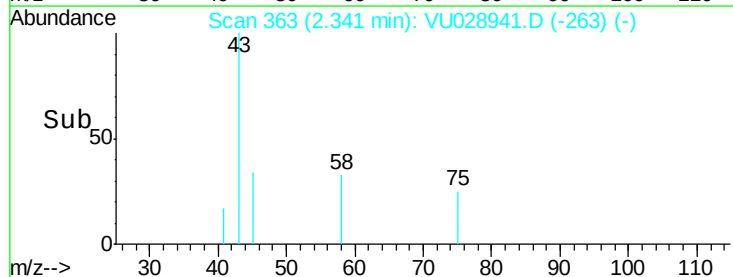
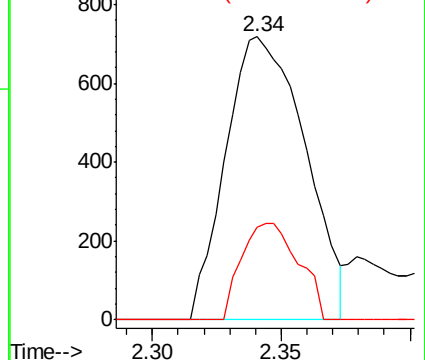
43 100

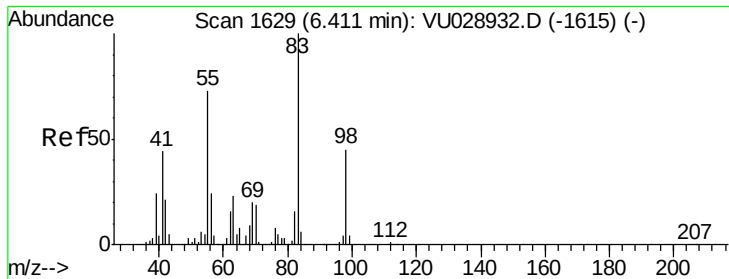
58 24.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

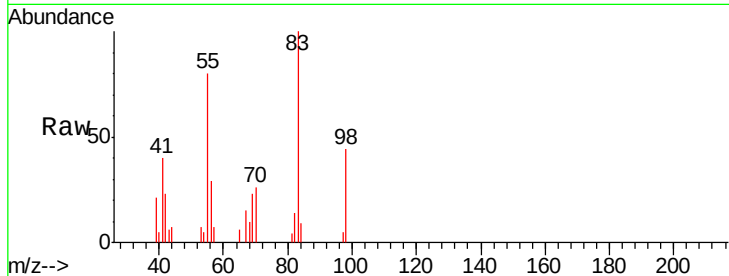




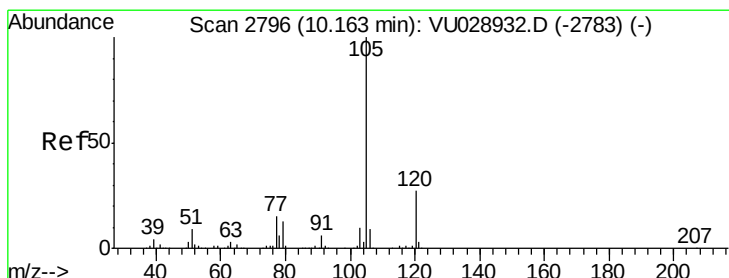
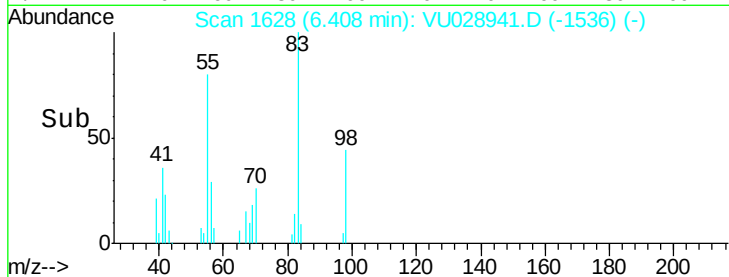
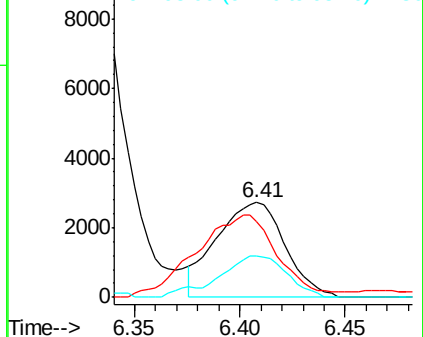
#35
Methylcyclohexane
Concen: 2.224 ug/L
RT: 6.41 min Scan# 1628
Delta R.T. -0.00 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 6172
Ion Ratio Lower Upper
83 100
55 102.4 63.7 95.5#
98 39.5 35.6 53.4

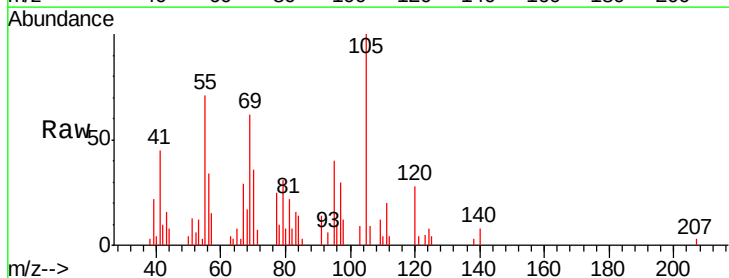


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#56
Isopropylbenzene
Concen: 0.979 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU028941.D
Acq: 24 Dec 2018 12:42

Tgt Ion: 105 Resp: 6919
Ion Ratio Lower Upper
105 100
120 23.6 21.4 32.2
77 21.7 12.3 18.5#



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): VU0

