

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041919\
 Data File : VU031308.D
 Acq On : 18 Apr 2019 15:41
 Operator : JC/SP
 Sample : K2410-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XD1

Quant Time: Apr 19 04:41:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 04:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	196125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	105252	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.68	69	82111	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	155128	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.20	46	212562	49.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.64	84	136305	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	76381	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.34	84	262054	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	89317	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.56	98	222351	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	32204	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.31	63	154838	48.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70546	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	100181	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

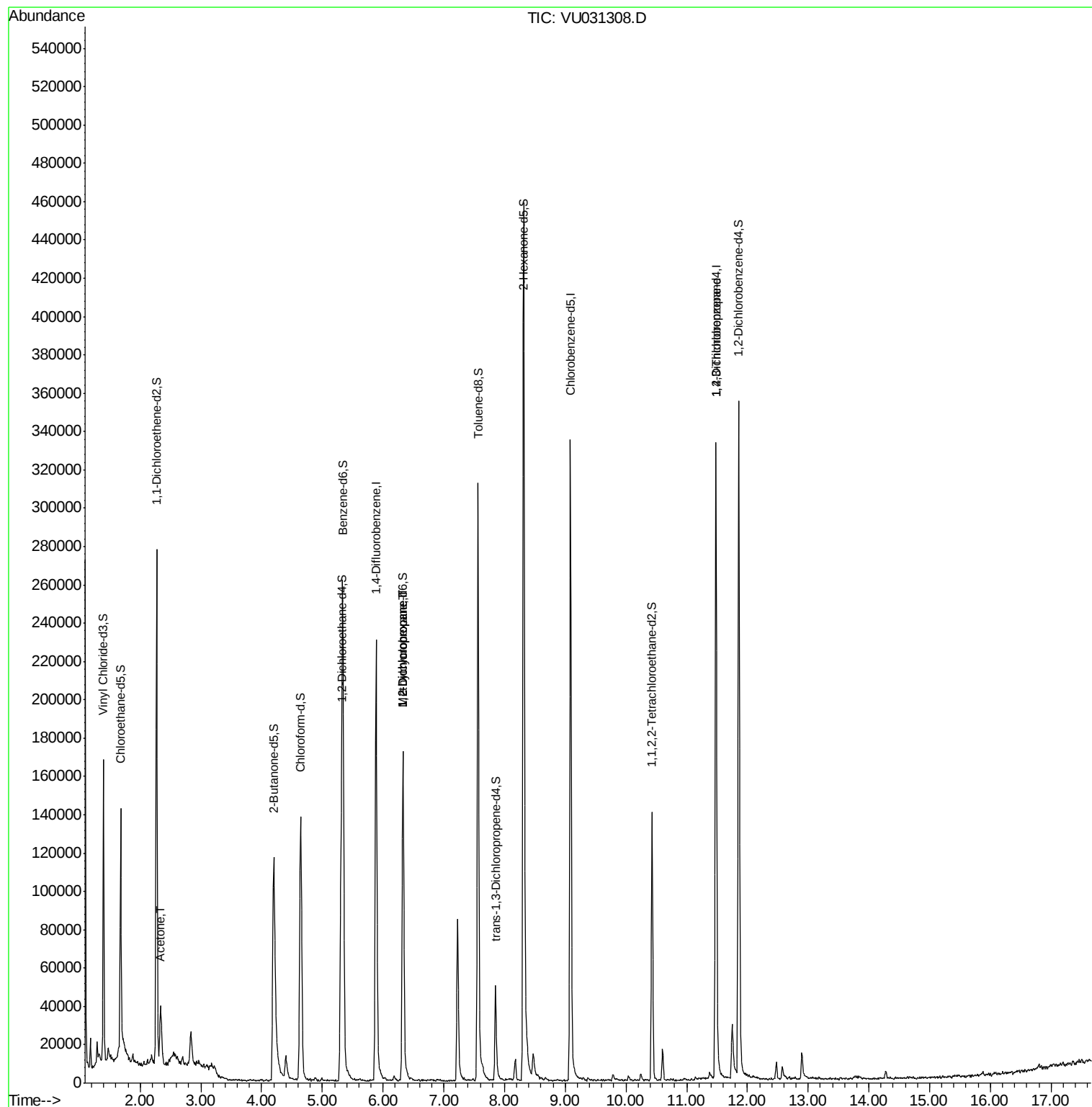
					Qvalue
13) Acetone	2.33	43	36771	7.665 ug/L	99
35) Methylcyclohexane	6.33	83	19502	0.787 ug/L #	14
37) 1,2-Dichloropropane	6.32	63	9941	0.566 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	10858	0.948 ug/L	96

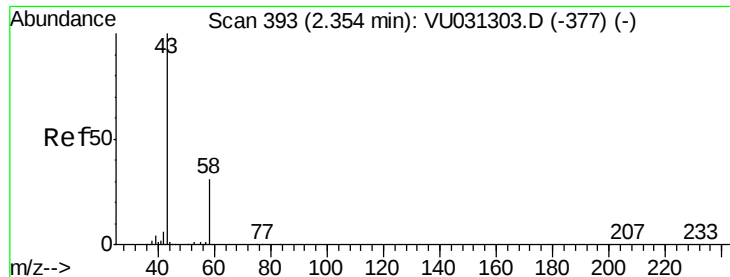
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.665 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

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Acq: 18 Apr 2019 15:41

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MSVOA_U

ClientSampleId :

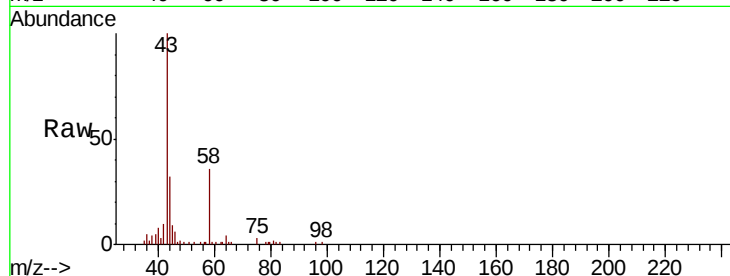
C0XD1

Tgt Ion: 43 Resp: 36771

Ion Ratio Lower Upper

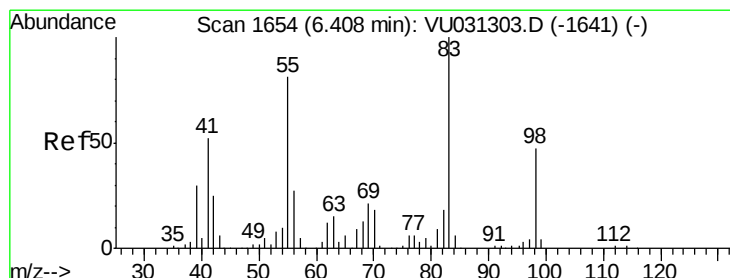
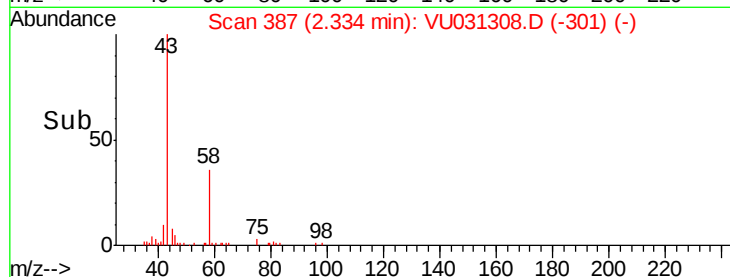
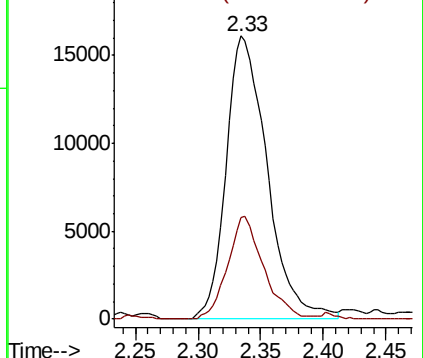
43 100

58 31.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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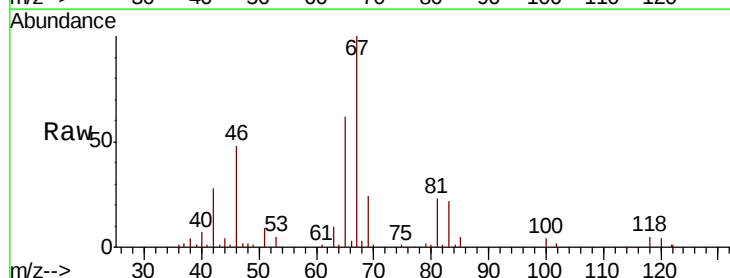
Tgt Ion: 83 Resp: 19502

Ion Ratio Lower Upper

83 100

55 0.1 70.6 105.8#

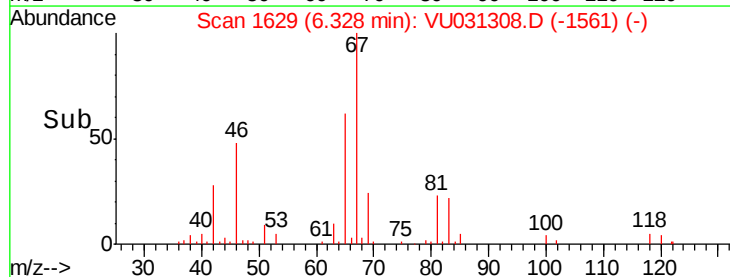
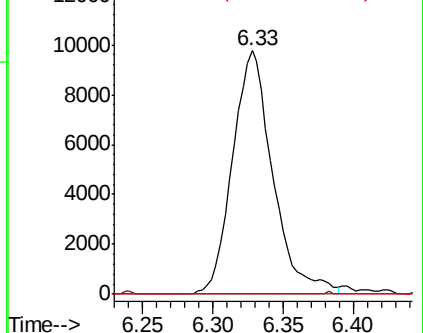
98 0.0 37.0 55.4#

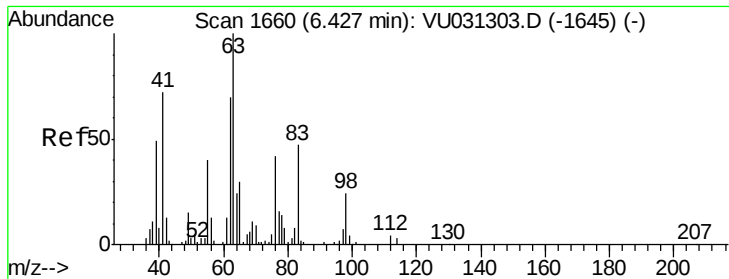


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU031308.D

Acq: 18 Apr 2019 15:41

Instrument :

MSVOA_U

ClientSampleId :

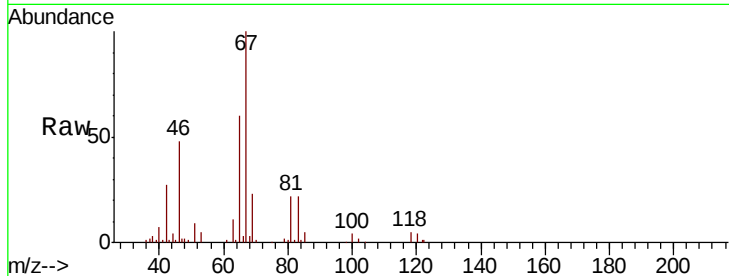
C0XD1

Tgt Ion: 63 Resp: 9941

Ion Ratio Lower Upper

63 100

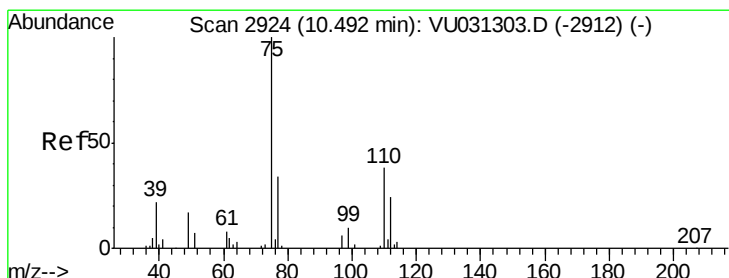
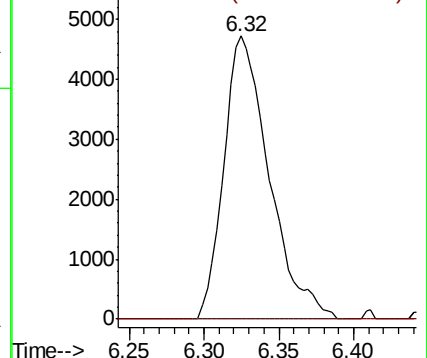
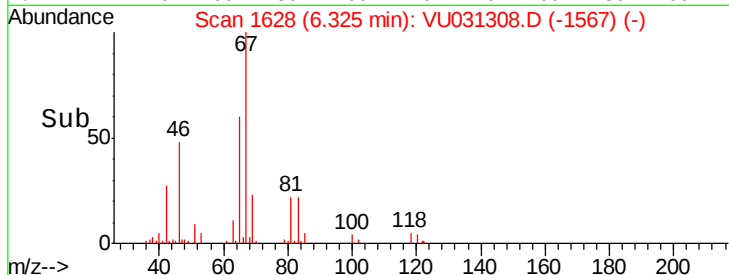
112 0.8 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU031303.D (-1645) (-)

Ion 112.10 (111.80 to 112.80): VU031303.D (-1645) (-)

6.32



#59

1,2,3-Trichloropropane

Concen: 0.948 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031308.D

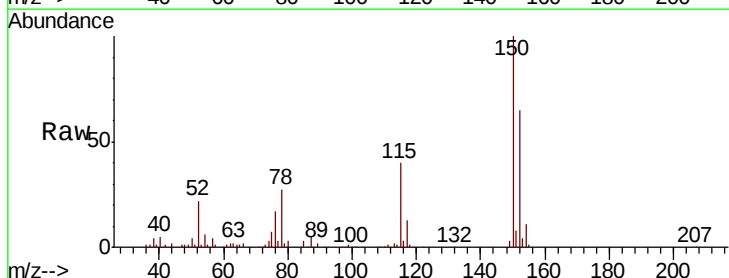
Acq: 18 Apr 2019 15:41

Tgt Ion: 75 Resp: 10858

Ion Ratio Lower Upper

75 100

77 36.2 27.0 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU031303.D (-2912) (-)

Ion 77.00 (76.70 to 77.70): VU031303.D (-2912) (-)

11.48

