

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031338.D
 Acq On : 19 Apr 2019 05:38
 Operator : JC/SP
 Sample : K2451-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 19 07:53:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 07:47:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	229224	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90515	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	76006	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.27	63	137005	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	4.20	46	287436	58.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.36%
24) Chloroform-d	4.64	84	170502	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.31	65	97340	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.33	84	317497	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.33	67	112283	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	249115	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.85	79	36385	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.31	63	185323	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90108	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	86639	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

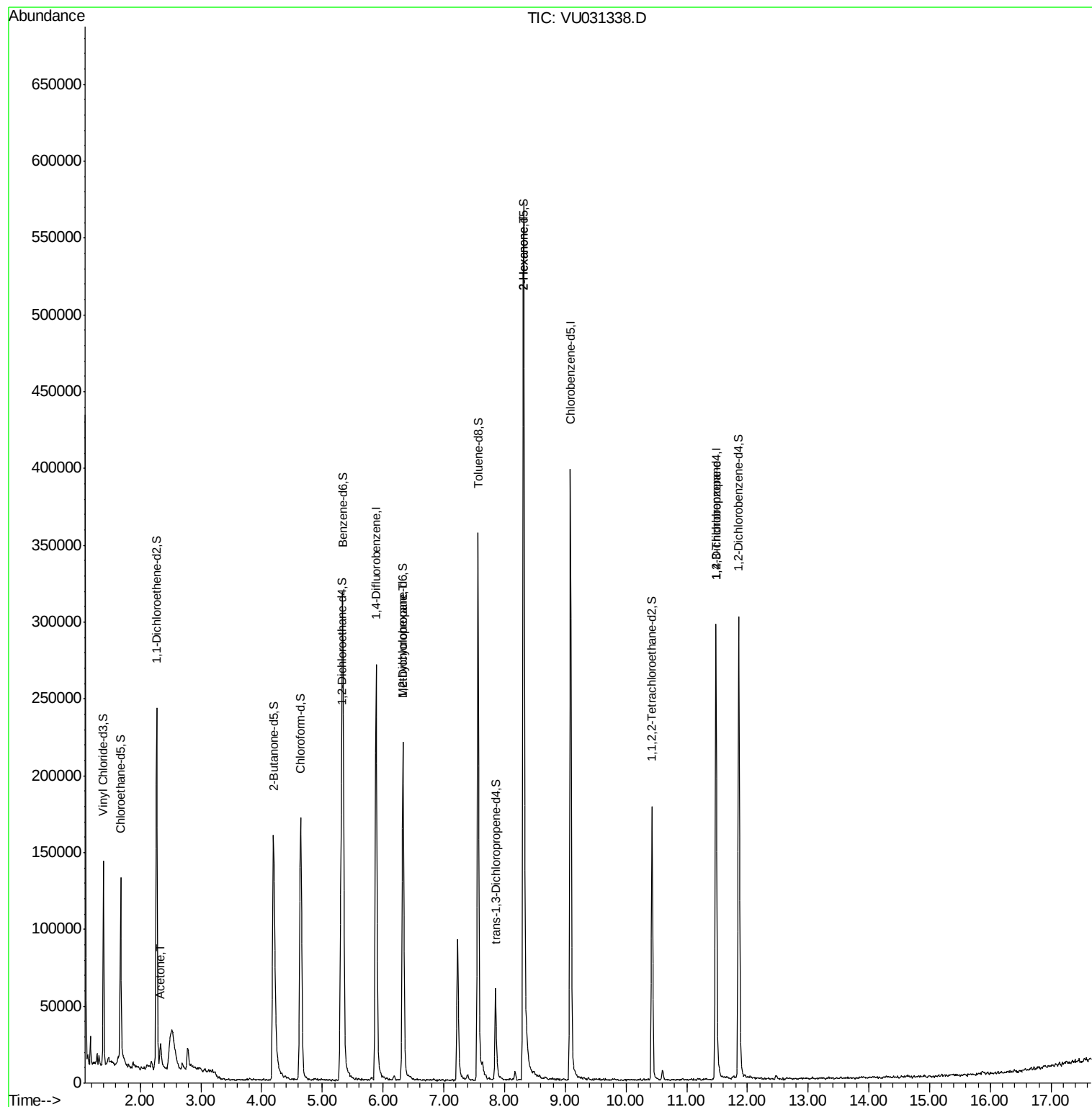
					Ovalue
13) Acetone	2.33	43	16547	3.011 ug/L	99
35) Methylcyclohexane	6.33	83	24225	0.826 ug/L #	15
48) 2-Hexanone	8.31	43	25912	2.737 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	9895	0.730 ug/L	93

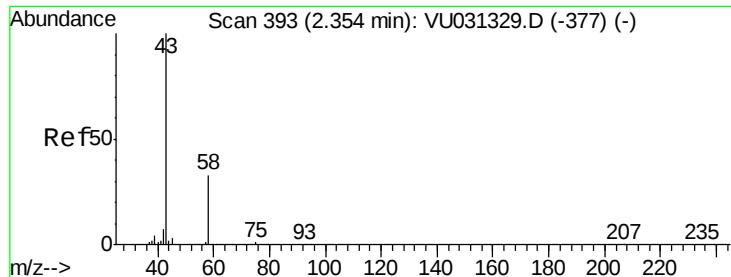
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.011 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.02 min

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Acq: 19 Apr 2019 05:38

Instrument :

MSVOA_U

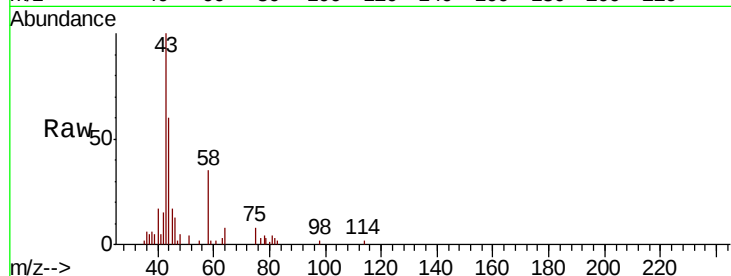
ClientSampleId :

Tot Ion: 43 Resp: 16547

Ion Ratio Lower Upper

43 100

58 32.8 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU031338.D (-387) (-)

Ion 58.05 (57.75 to 58.75): VU031338.D (-387) (-)

2.33

8000

6000

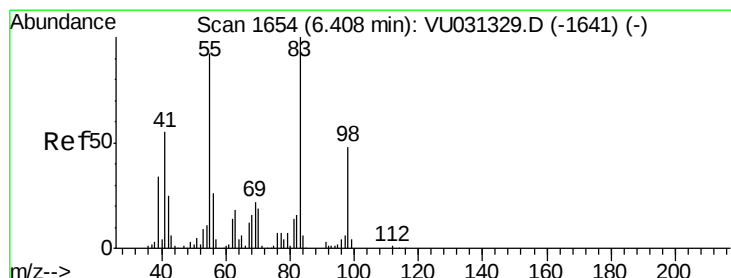
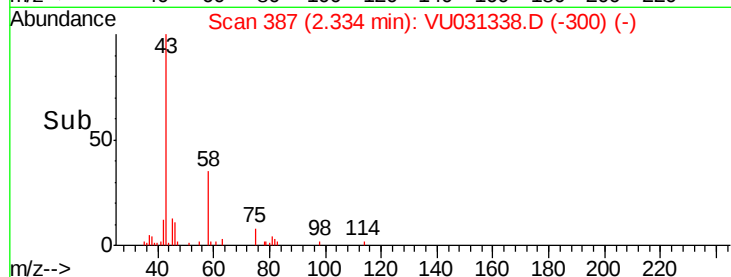
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031338.D

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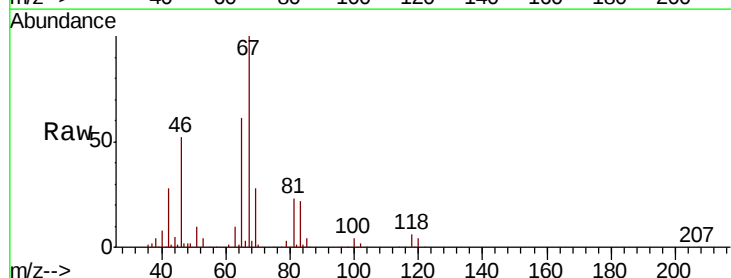
Tgt Ion: 83 Resp: 24225

Ion Ratio Lower Upper

83 100

55 0.7 70.6 105.8#

98 0.3 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU031338.D (-1629) (-)

Ion 55.10 (54.80 to 55.80): VU031338.D (-1629) (-)

Ion 98.15 (97.85 to 98.85): VU031338.D (-1629) (-)

6.33

15000

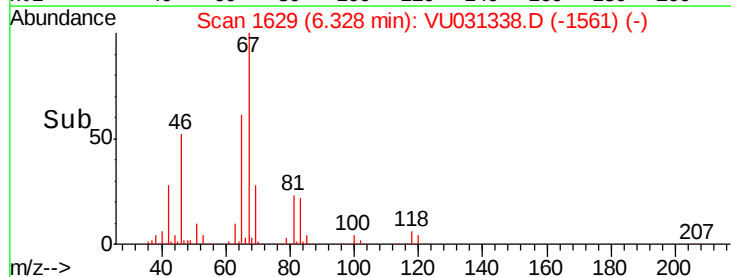
10000

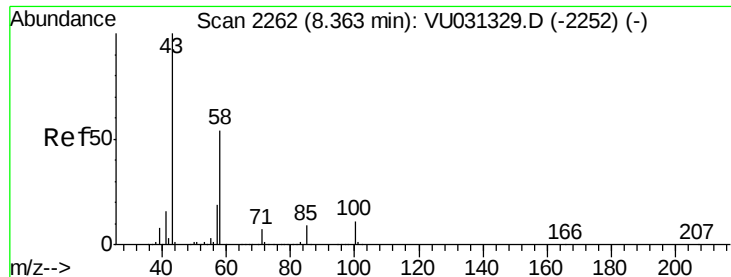
5000

0

Time-->

6.25 6.30 6.35 6.40

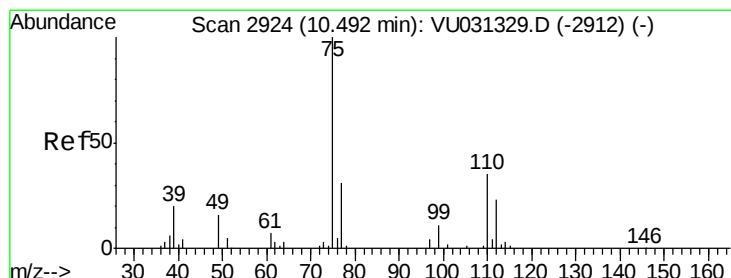
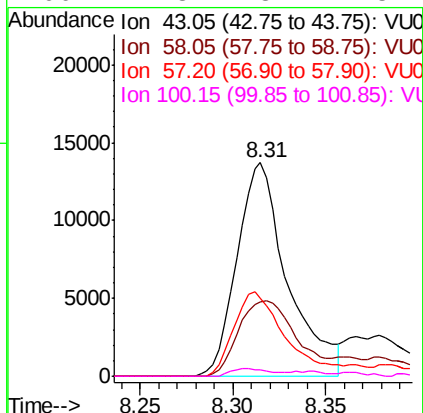
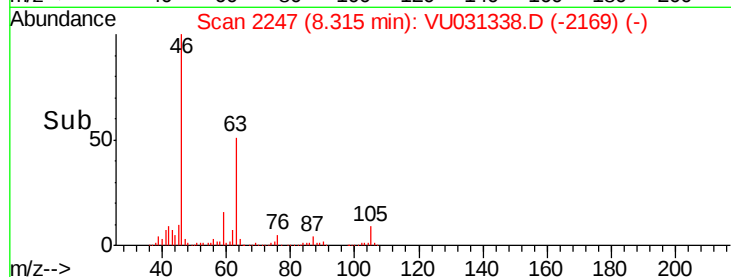
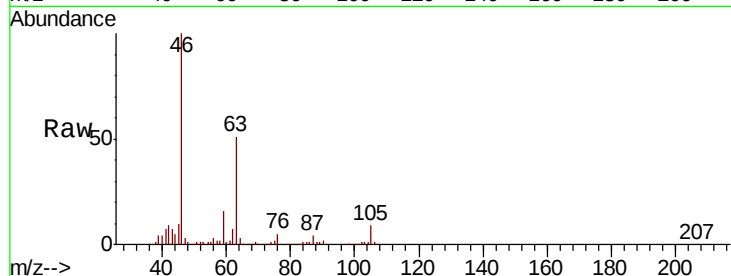




#48
 2-Hexanone
 Concen: 2.737 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.05 min
 Lab File: VU031338.D
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Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 25912
 Ion Ratio Lower Upper
 43 100
 58 40.2 45.0 67.6#
 57 40.6 15.5 23.3#
 100 2.8 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 0.730 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031338.D
 Acq: 19 Apr 2019 05:38

Tgt Ion: 75 Resp: 9895
 Ion Ratio Lower Upper
 75 100
 77 38.1 27.0 40.6

