

Data File : VU031954.D
Acq On : 12 May 2019 19:44
Operator : JC/SP
Sample : K2744-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D02

Quant Time: May 13 07:06:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110845	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.68	69	116448	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.27	63	166102	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	4.21	46	497850	42.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.02%
24) Chloroform-d	4.64	84	259384	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.31	65	149846	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.33	84	469935	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.33	67	172598	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.56	98	338331	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	7.85	79	49056	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.31	63	336880	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160081	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	134600	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

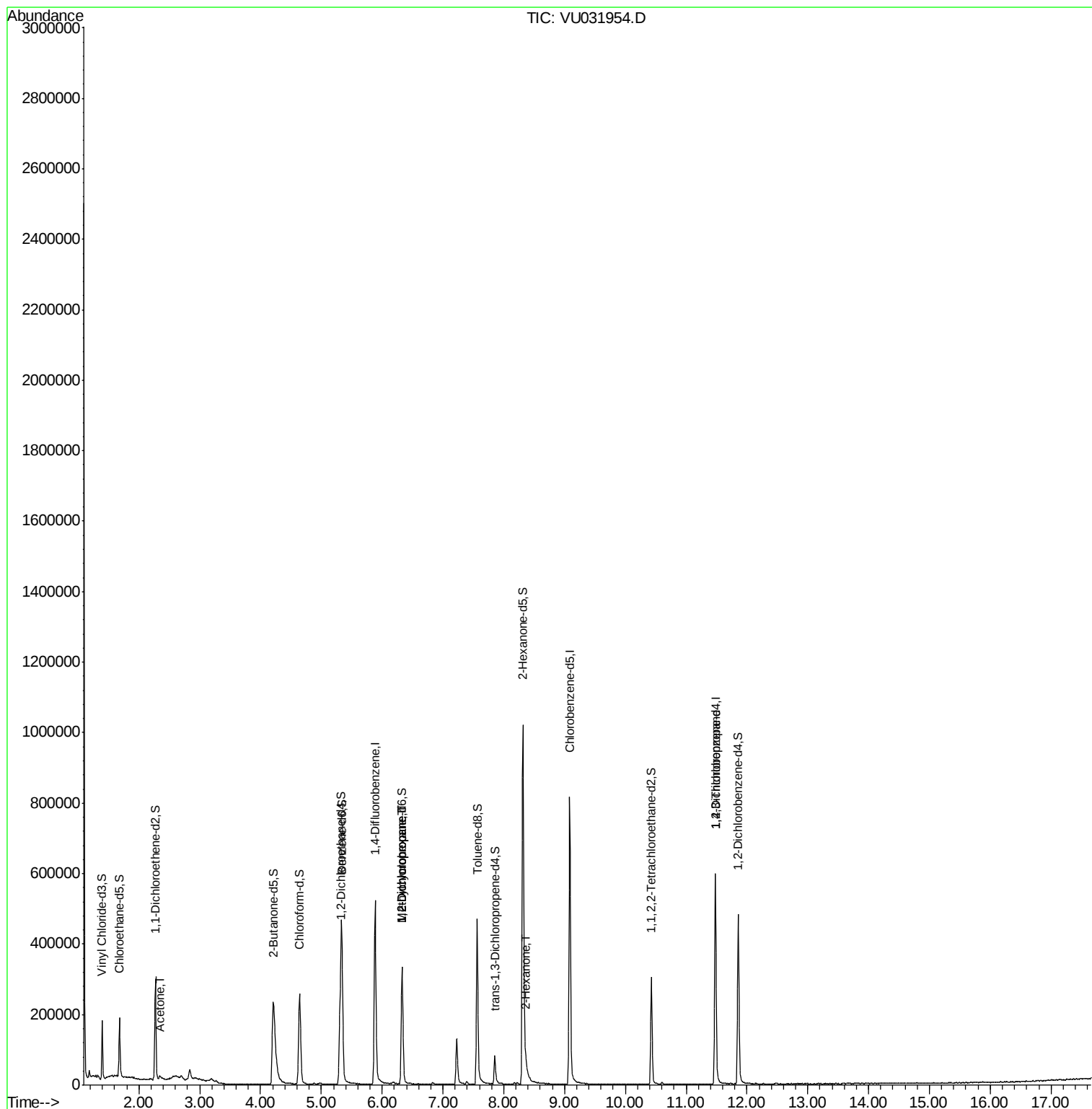
					Qvalue
13) Acetone	2.35	43	10538	1.317 ug/L	99
35) Methylcyclohexane	6.33	83	38651	0.677 ug/L #	11
37) 1,2-Dichloropropane	6.33	63	17832	0.395 ug/L #	93
48) 2-Hexanone	8.37	43	25903	1.201 ug/L #	84
59) 1,2,3-Trichloropropane	11.48	75	21214	0.795 ug/L	96

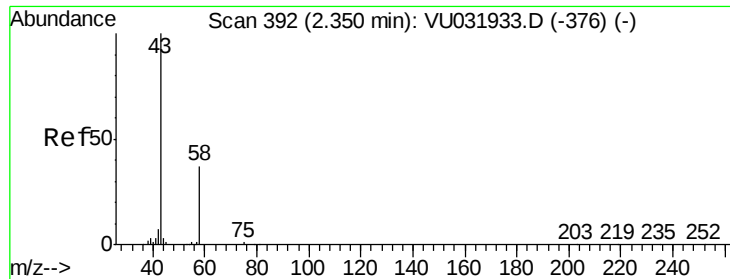
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.317 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

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Acq: 12 May 2019 19:44

Instrument :

MSVOA_U

ClientSampleId :

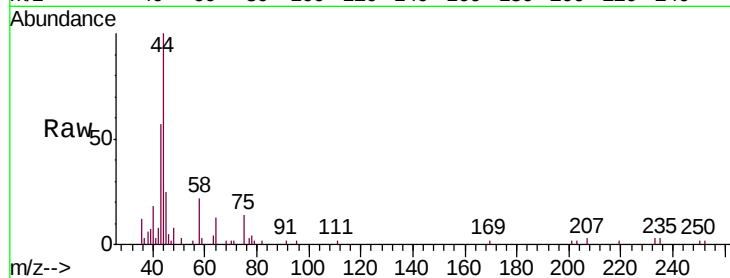
F9D02

Tgt Ion: 43 Resp: 10538

Ion Ratio Lower Upper

43 100

58 26.5 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)

2.35

4000

3000

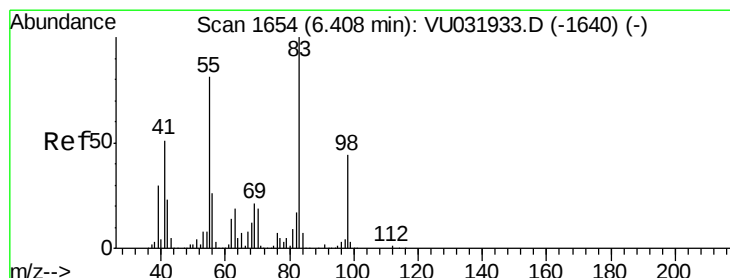
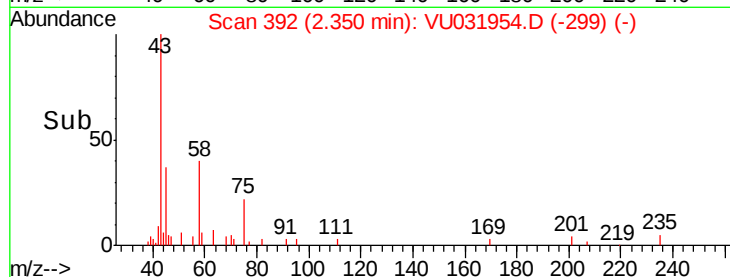
2000

1000

0

Time-->

2.30 2.35 2.40



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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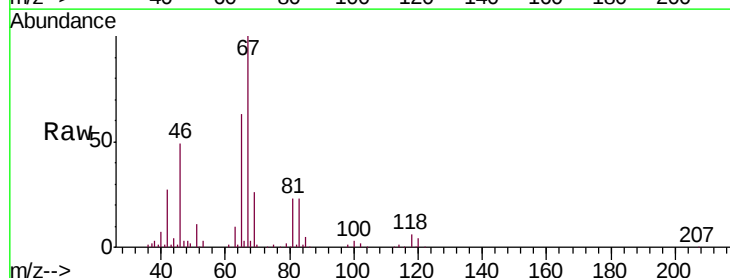
Tgt Ion: 83 Resp: 38651

Ion Ratio Lower Upper

83 100

55 0.4 79.2 118.8#

98 0.7 34.0 51.0#



Abundance Ion 83.15 (82.85 to 83.85): VU031933.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU031933.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU031933.D (-1640) (-)

6.33

25000

20000

15000

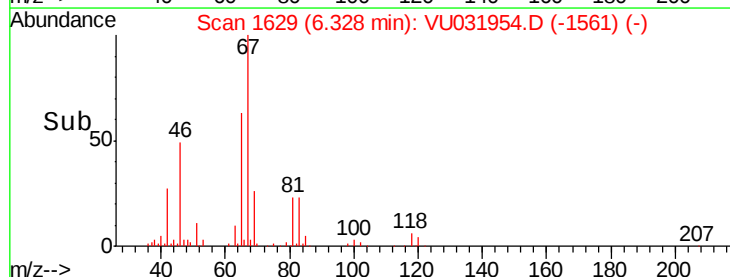
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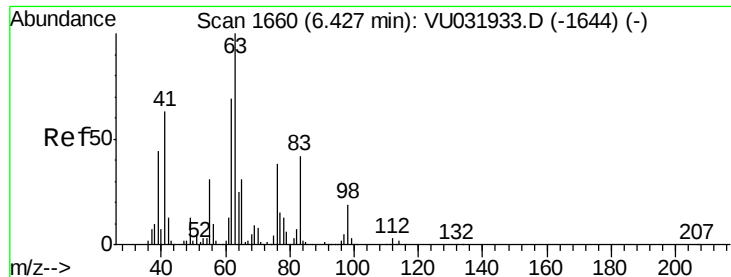
5000

0

Time-->

6.25 6.30 6.35 6.40

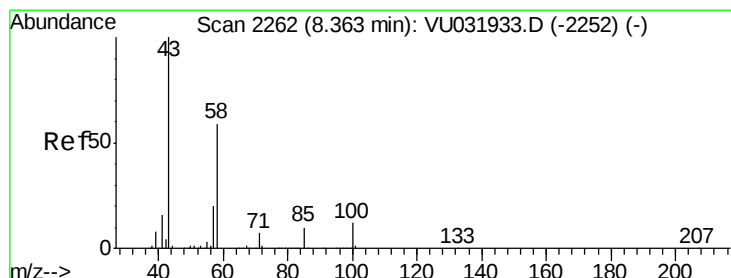
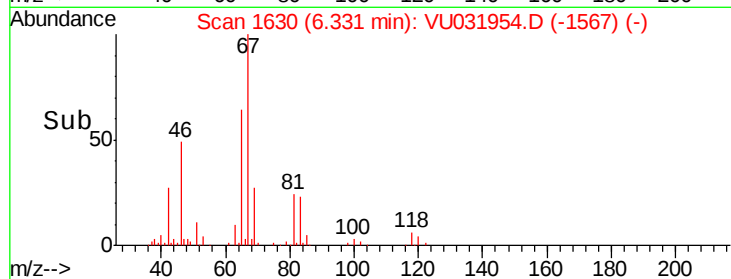
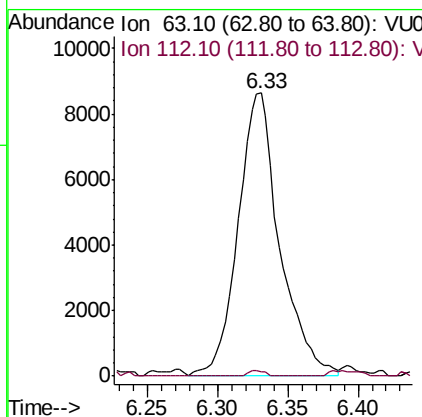
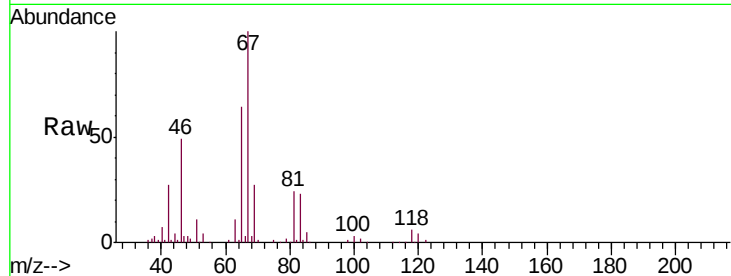




#37
 1,2-Dichloropropane
 Concen: 0.395 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU031954.D
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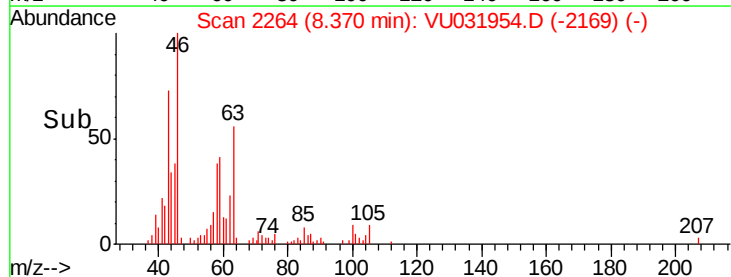
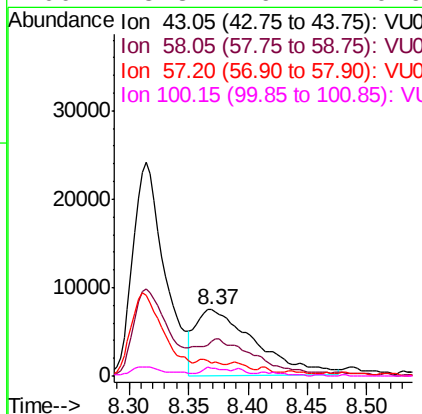
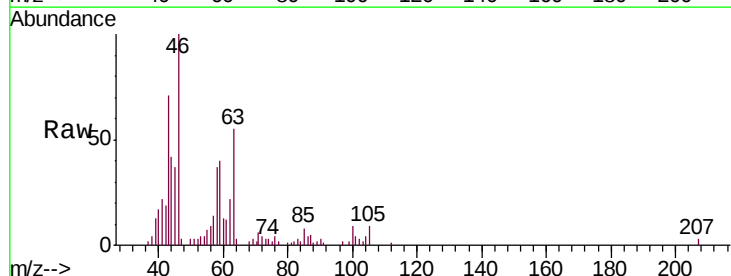
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 F9D02

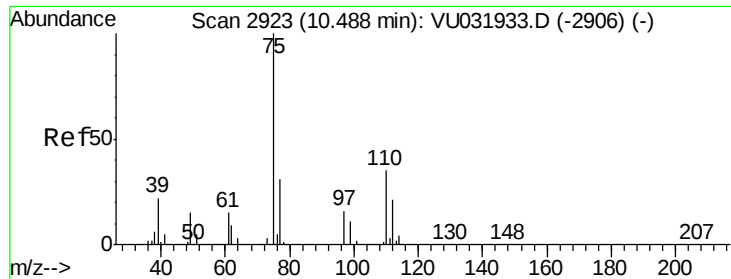
Tgt Ion: 63 Resp: 17832
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.5 3.7#



#48
 2-Hexanone
 Concen: 1.201 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031954.D
 Acq: 12 May 2019 19:44

Tgt Ion: 43 Resp: 25903
 Ion Ratio Lower Upper
 43 100
 58 39.1 40.2 60.2#
 57 7.9 13.8 20.6#
 100 5.3 6.4 9.6#





#59

1,2,3-Trichloropropane

Concen: 0.795 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031954.D

Acq: 12 May 2019 19:44

Instrument :

MSVOA_U

ClientSampleId :

F9D02

Tgt Ion: 75 Resp: 21214

Ion Ratio Lower Upper

75 100

77 34.9 26.3 39.5

