

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032403.D
 Acq On : 03 Jun 2019 19:22
 Operator : JC/SP
 Sample : K3081-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE7

Quant Time: Jun 04 08:59:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	110179	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102438	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42458	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.68	69	34199	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.80%#
11) 1,1-Dichloroethene-d2	2.27	63	67996	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.18	46	99810	41.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.94%
24) Chloroform-d	4.64	84	66692	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	39448	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.33	84	132052	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.32	67	45417	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	126605	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.85	79	19198	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.31	63	81561	41.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35944	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	41889	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

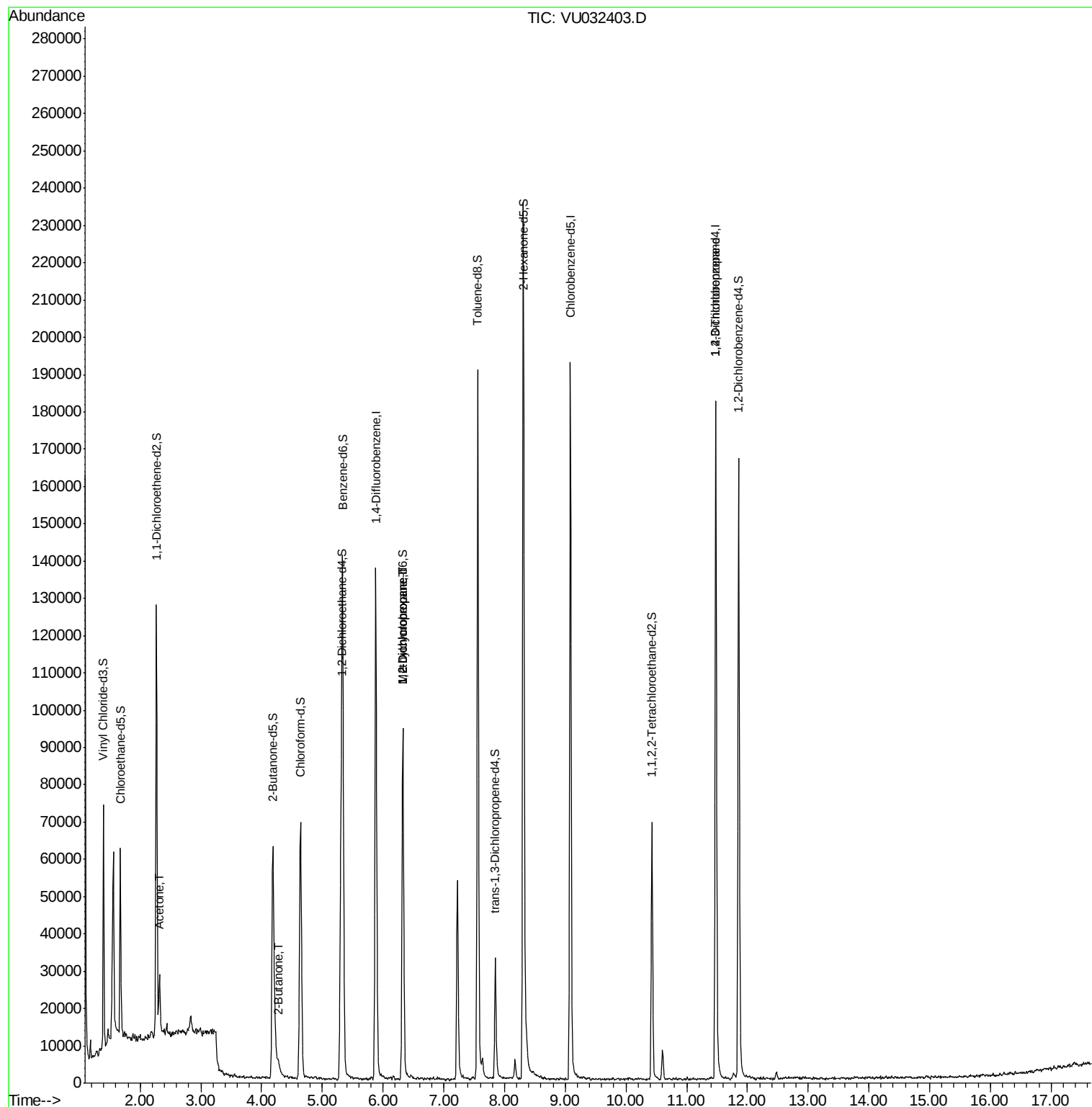
					Qvalue
13) Acetone	2.32	43	15732	3.913	ug/L 100
21) 2-Butanone	4.28	43	4391	0.858	ug/L 99
35) Methylcyclohexane	6.32	83	10368	0.383	ug/L # 17
37) 1,2-Dichloropropane	6.32	63	4964	0.305	ug/L # 90
59) 1,2,3-Trichloropropane	11.48	75	6294	0.595	ug/L # 76

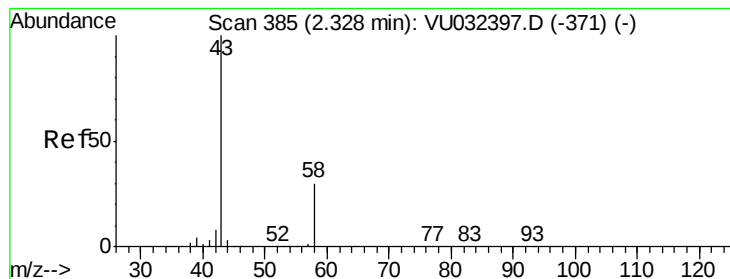
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.913 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032403.D

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MSVOA_U

ClientSampleId :

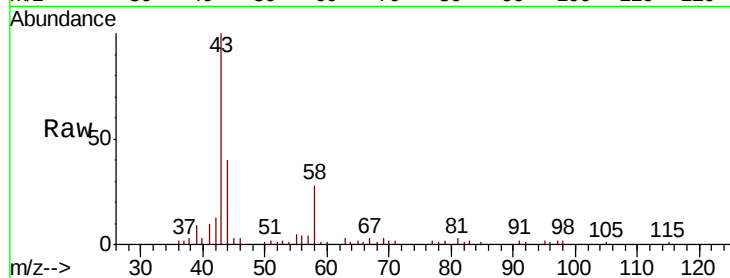
GALE7

Tgt Ion: 43 Resp: 15732

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VU032403.D (-292) (-)

Ion 58.05 (57.75 to 58.75): VU032403.D (-292) (-)

12000

10000

8000

6000

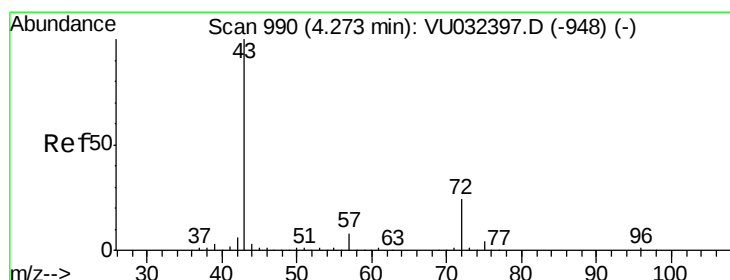
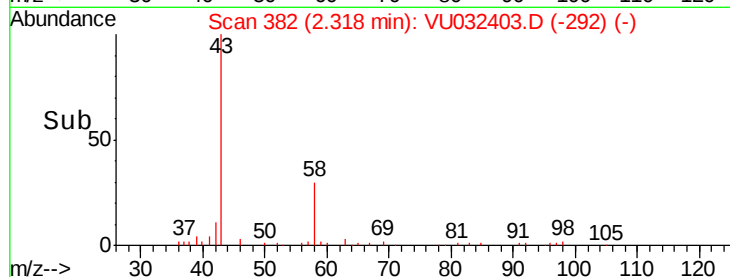
4000

2000

0

2.25 2.30 2.35 2.40

Time-->



#21

2-Butanone

Concen: 0.858 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VU032403.D

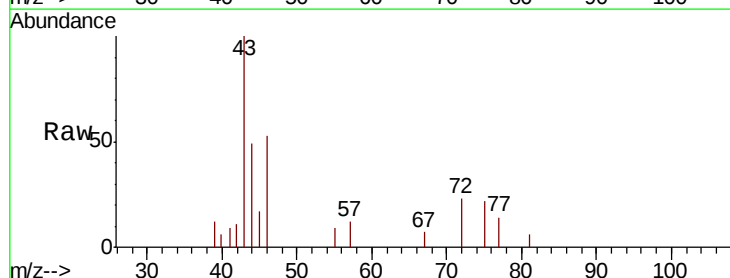
Acq: 03 Jun 2019 19:22

Tgt Ion: 43 Resp: 4391

Ion Ratio Lower Upper

43 100

72 25.3 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VU032403.D (-897) (-)

Ion 72.10 (71.80 to 72.80): VU032403.D (-897) (-)

2000

1500

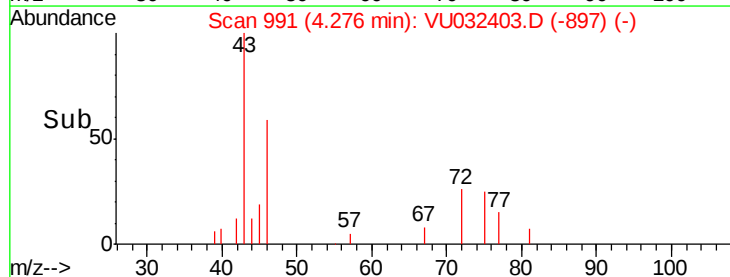
1000

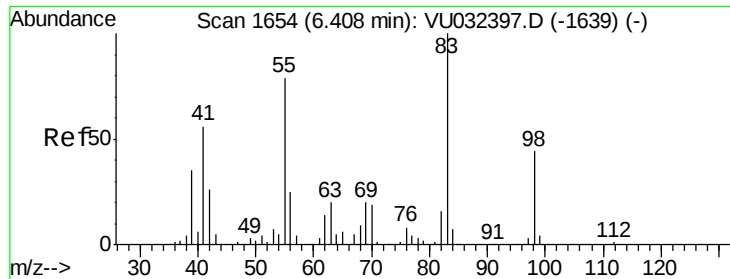
500

0

4.20 4.25 4.30 4.35

Time-->





#35

Methylcyclohexane

Concen: 0.383 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032403.D

Acq: 03 Jun 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

GALE7

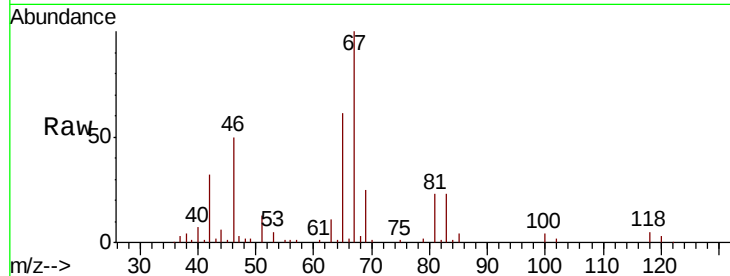
Tgt Ion: 83 Resp: 10368

Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

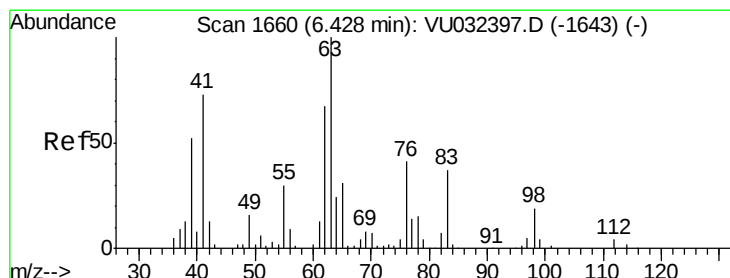
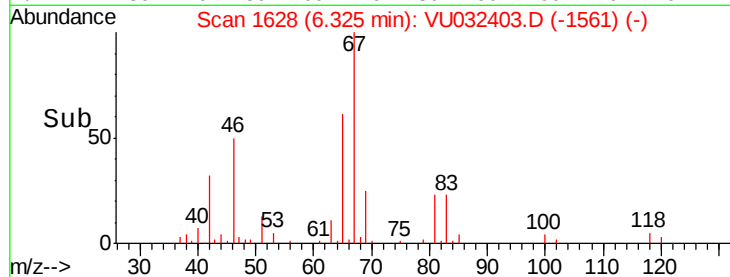
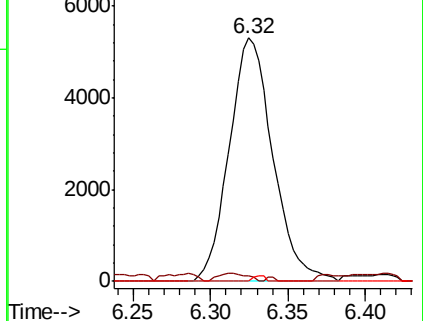
98 0.6 35.9 53.9#



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: 0.305 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032403.D

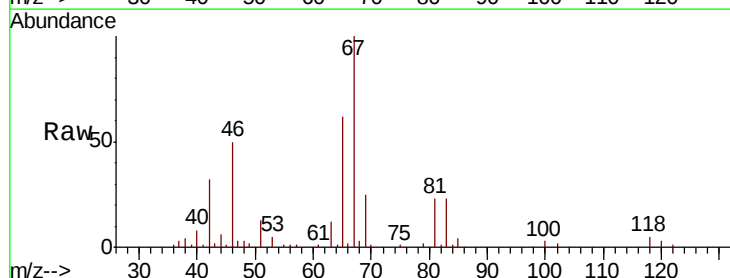
Acq: 03 Jun 2019 19:22

Tgt Ion: 63 Resp: 4964

Ion Ratio Lower Upper

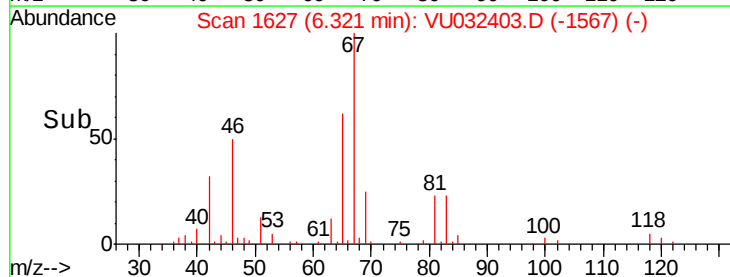
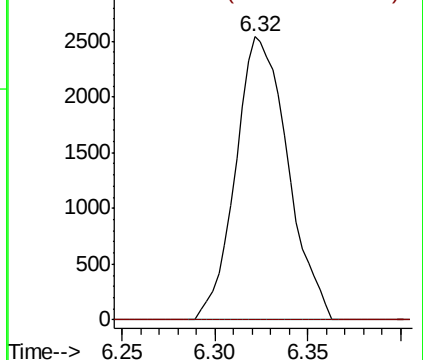
63 100

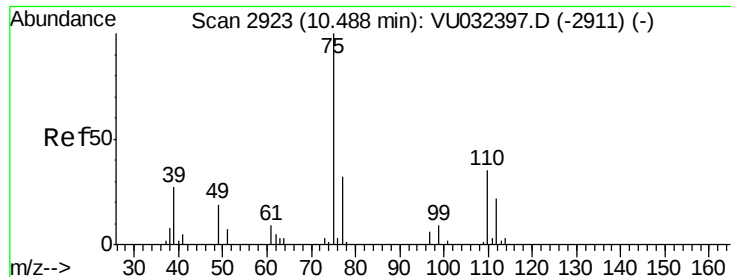
112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane

Concen: 0.595 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032403.D

Acq: 03 Jun 2019 19:22

Instrument :

MSVOA_U

ClientSampleId :

GALE7

Tgt Ion: 75 Resp: 6294

Ion Ratio Lower Upper

75 100

77 45.9 26.1 39.1#

