

Data File : VU032429.D
Acq On : 04 Jun 2019 15:48
Operator : JC/SP
Sample : K3045-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 04 23:09:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	103137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	96389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29942	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.68	69	25232	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.27	63	45283	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	92805	49.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.18%
24) Chloroform-d	4.64	84	55533	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	30839	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.33	84	113854	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.32	67	35800	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.56	98	102219	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	13864	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.31	63	76540	48.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29518	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	40516	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

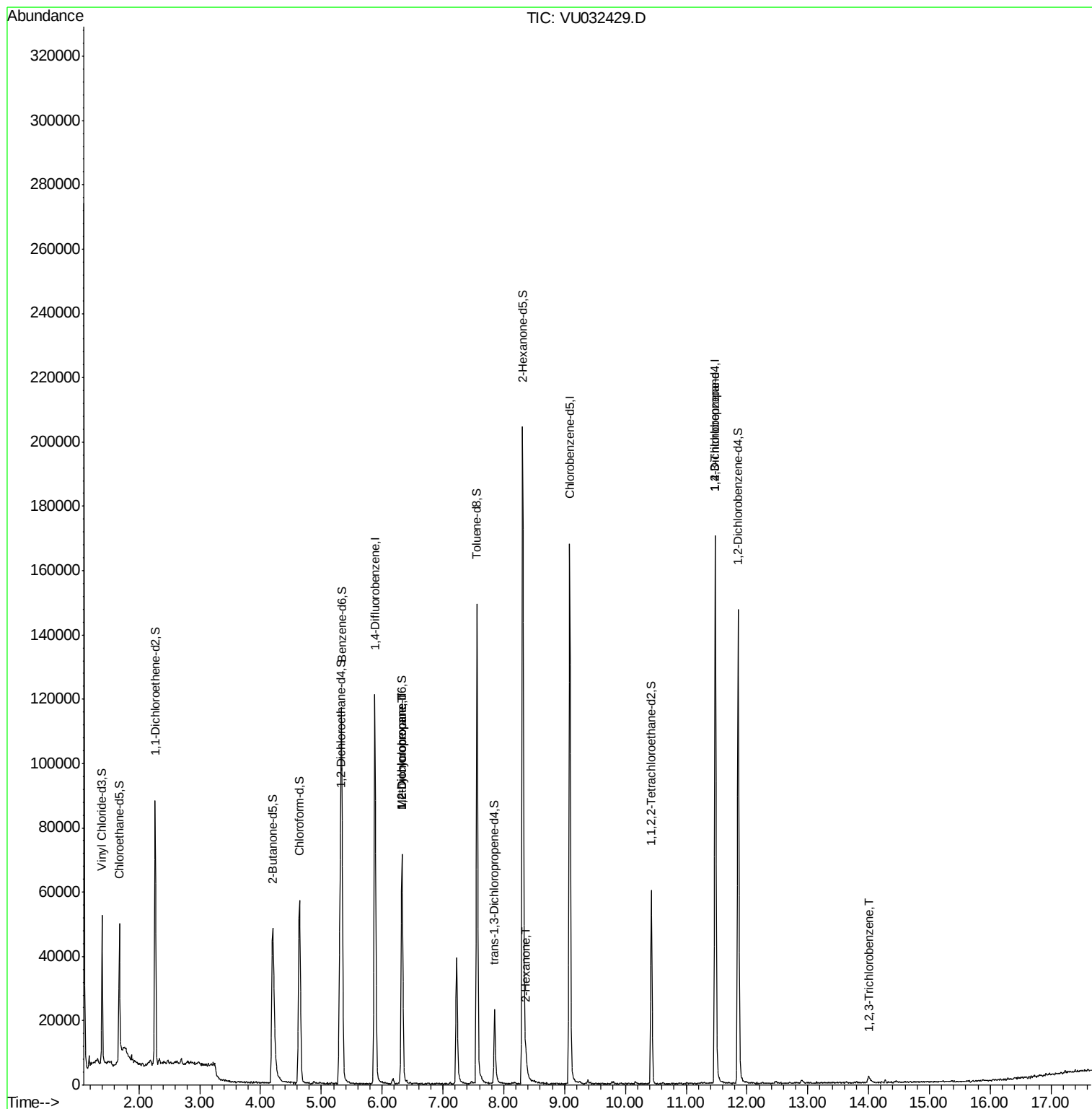
					Qvalue
35) Methylcyclohexane	6.33	83	8200	0.624 ug/L #	21
37) 1,2-Dichloropropane	6.33	63	3799	0.517 ug/L #	89
48) 2-Hexanone	8.37	43	3884	1.039 ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	5557	1.151 ug/L #	85
70) 1,2,3-Trichlorobenzene	14.00	180	1531	0.153 ug/L #	81

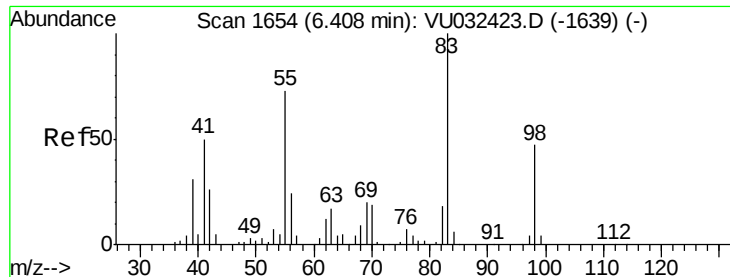
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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MSVOA_U

ClientSampleId :

VHBLK01

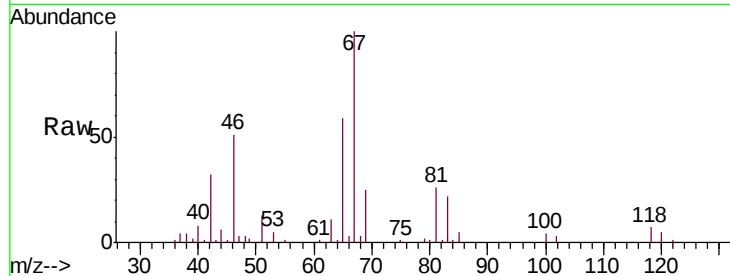
Tgt Ion: 83 Resp: 8200

Ion Ratio Lower Upper

83 100

55 1.1 60.0 90.0#

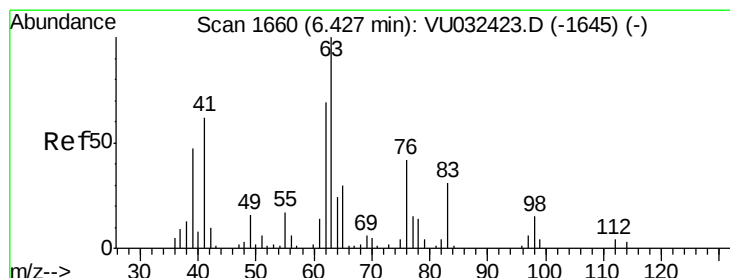
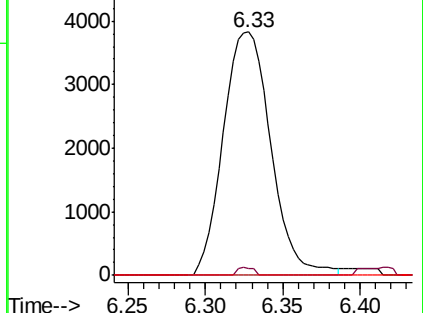
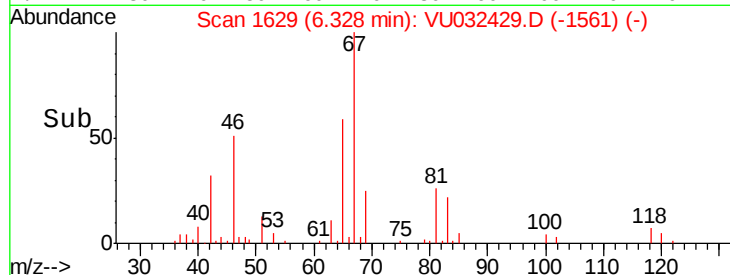
98 3.1 37.8 56.8#



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: 0.517 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032429.D

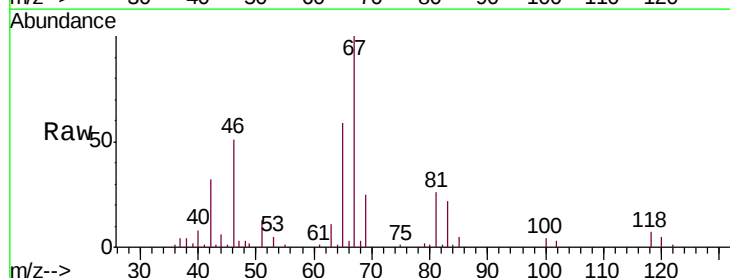
Acq: 04 Jun 2019 15:48

Tgt Ion: 63 Resp: 3799

Ion Ratio Lower Upper

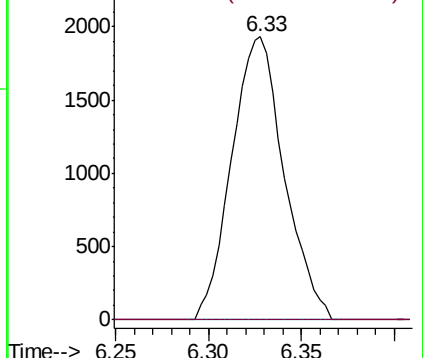
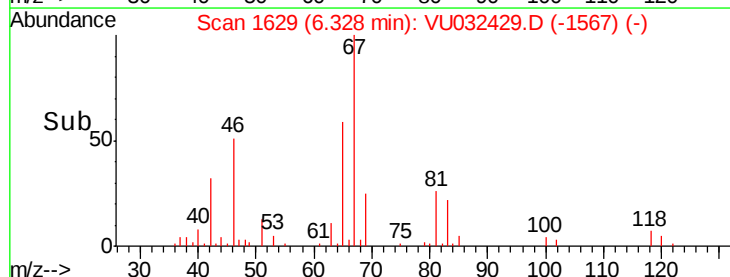
63 100

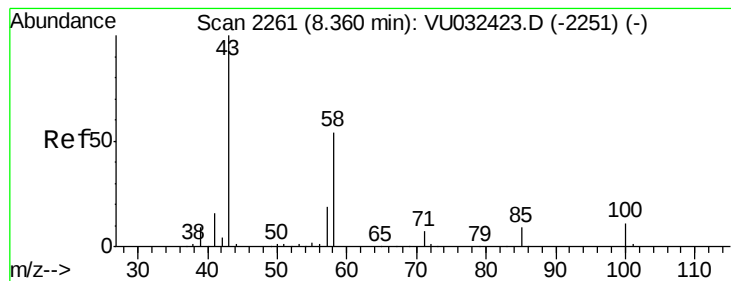
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 1.039 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Acq: 04 Jun 2019 15:48

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 3884

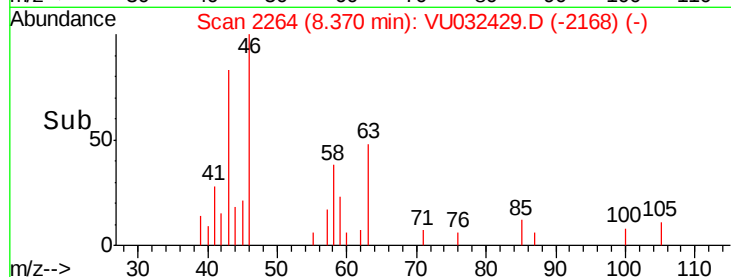
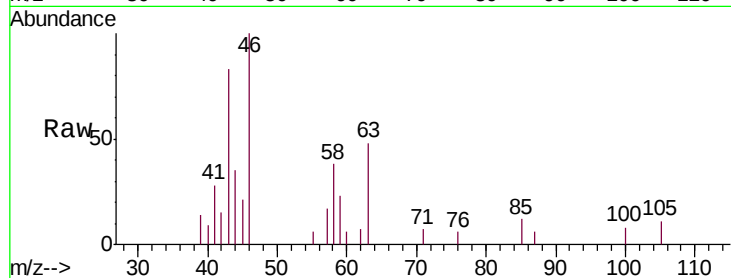
Ion Ratio Lower Upper

43 100

58 46.1 41.9 62.9

57 15.4 15.1 22.7

100 5.5 9.0 13.6#

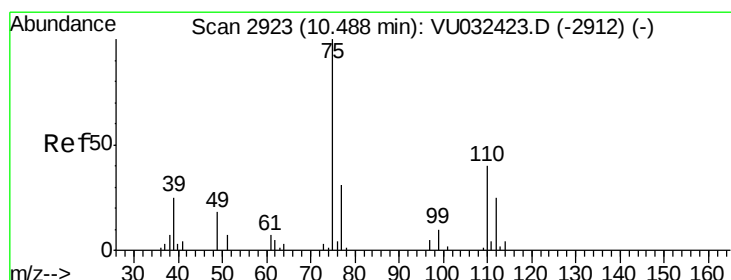
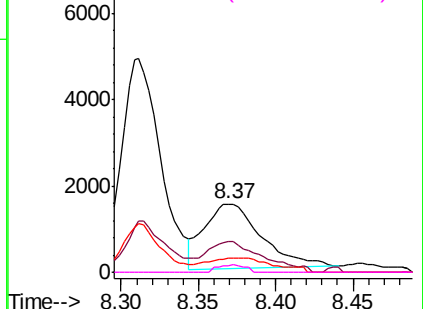


Abundance Ion 43.05 (42.75 to 43.75): VU032429.D (-2168) (-)

Ion 58.05 (57.75 to 58.75): VU032429.D (-2168) (-)

Ion 57.20 (56.90 to 57.90): VU032429.D (-2168) (-)

Ion 100.15 (99.85 to 100.85): VU032429.D (-2168) (-)



#59

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032429.D

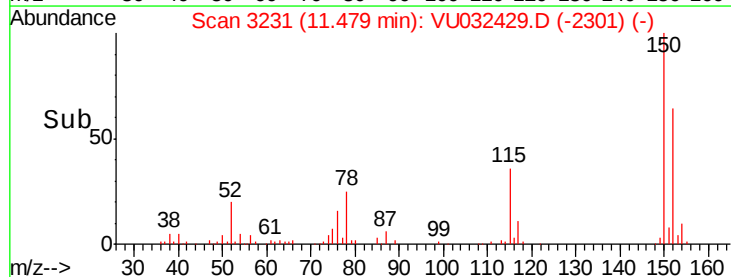
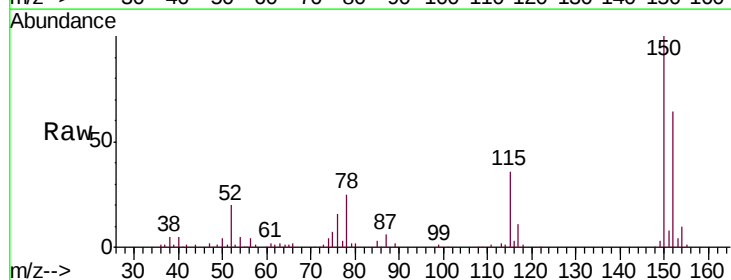
Acq: 04 Jun 2019 15:48

Tgt Ion: 75 Resp: 5557

Ion Ratio Lower Upper

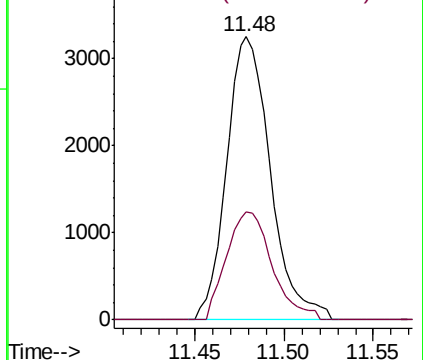
75 100

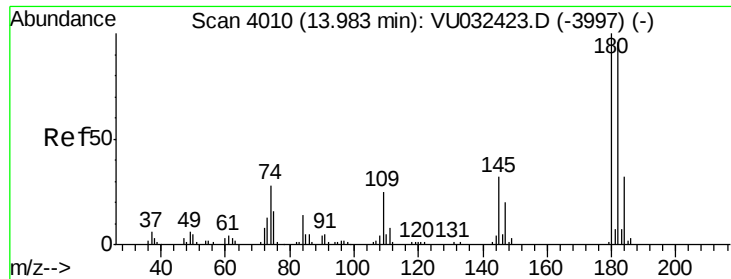
77 39.8 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU032429.D (-2301) (-)

Ion 77.00 (76.70 to 77.70): VU032429.D (-2301) (-)





#70
 1,2,3-Trichlorobenzene
 Concen: 0.153 ug/L
 RT: 14.00 min Scan# 4016
 Delta R.T. 0.02 min
 Lab File: VU032429.D
 Acq: 04 Jun 2019 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion:180 Resp: 1531
 Ion Ratio Lower Upper
 180 100
 182 112.8 73.8 110.6#
 145 25.4 25.3 37.9

