

Data File : VU032453.D
Acq On : 05 Jun 2019 11:22
Operator : JC/SP
Sample : K3081-15 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE3

Quant Time: Jun 06 01:08:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 01:05:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	97946	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	89435	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31519	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.68	69	26094	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	47368	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.21	46	89804	50.53	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.64	84	55853	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	31280	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.33	84	118990	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.32	67	35884	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.56	98	110100	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	7.85	79	13604	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	68678	46.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	28634	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	43929	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

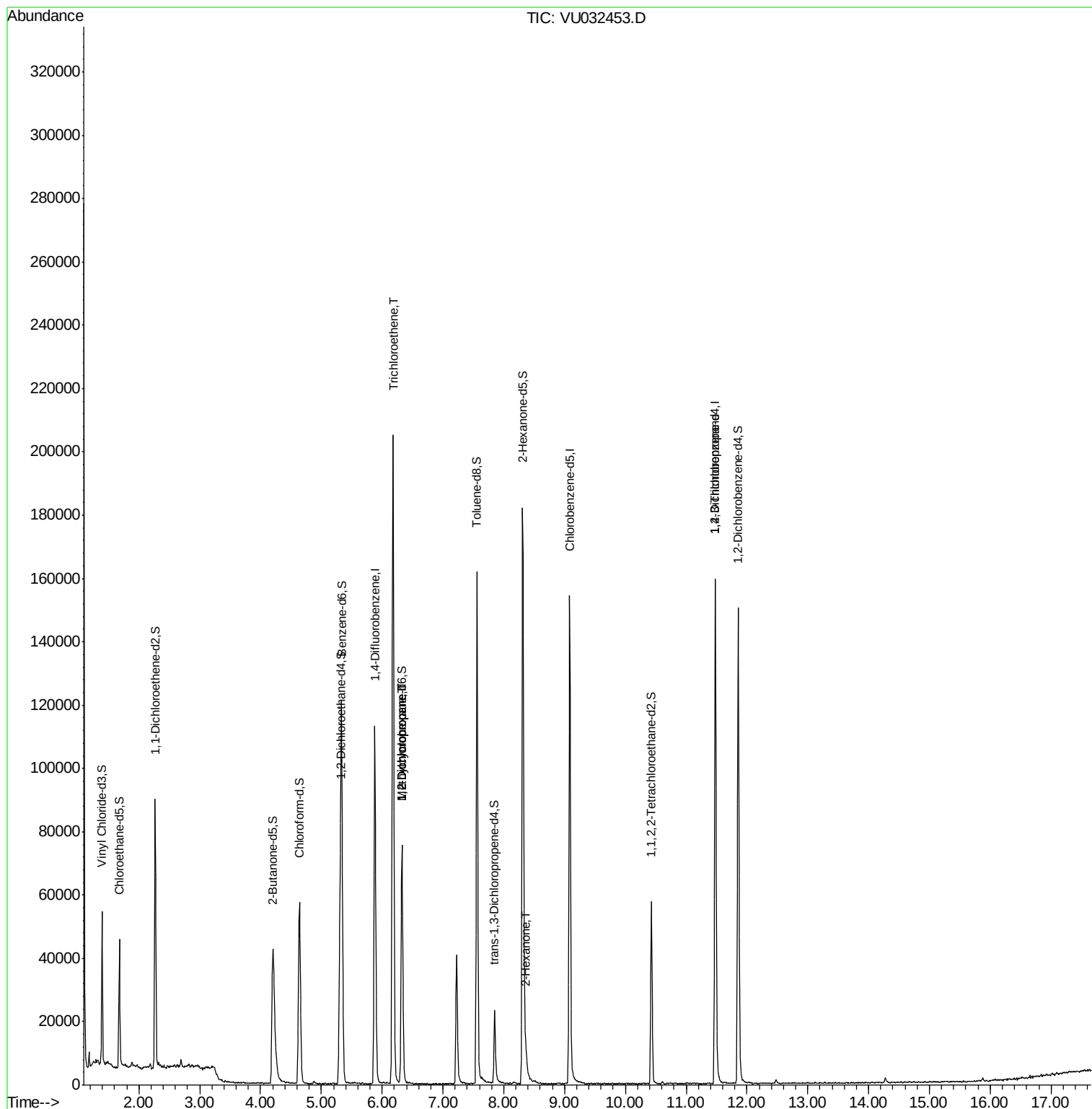
					Qvalue
34) Trichloroethene	6.18	95	69556	9.171 ug/L	98
35) Methylcyclohexane	6.32	83	8301	0.680 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4070	0.597 ug/L #	89
48) 2-Hexanone	8.36	43	3466	0.999 ug/L #	86
59) 1,2,3-Trichloropropane	11.48	75	5042	1.125 ug/L #	86

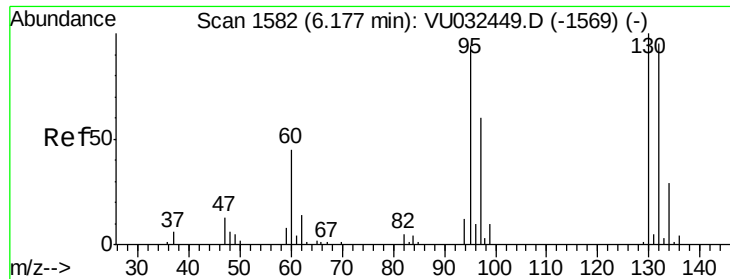
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 9.171 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

GALE3

Tgt Ion: 95 Resp: 69556

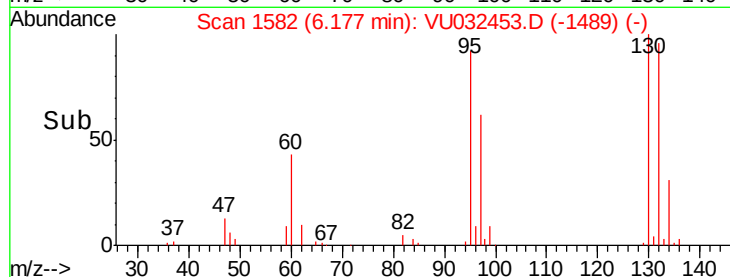
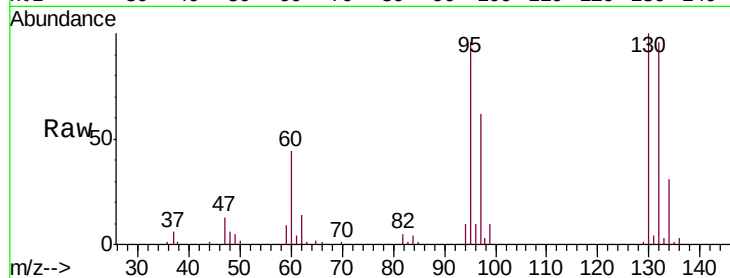
Ion Ratio Lower Upper

95 100

97 64.7 44.1 81.9

132 99.9 68.8 127.8

130 104.4 71.0 131.8

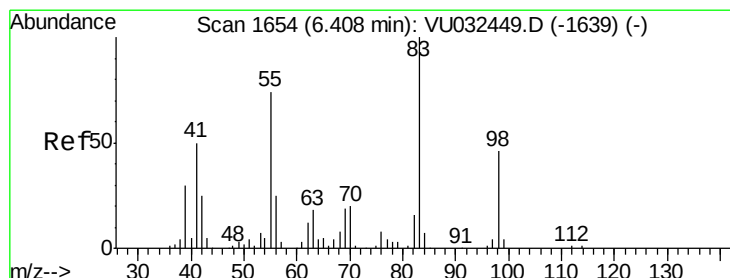
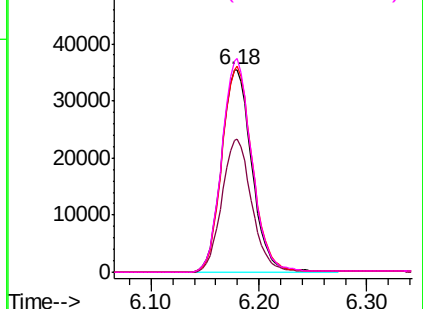


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

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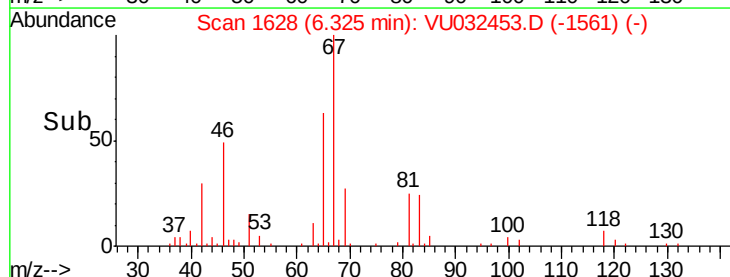
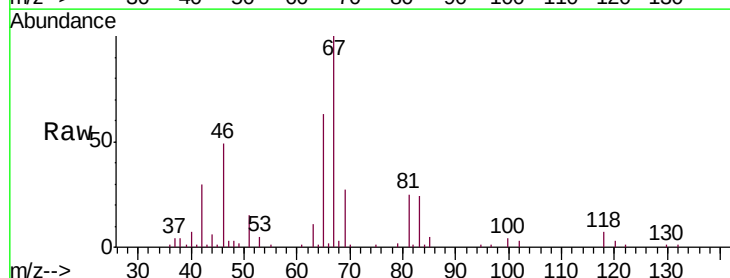
Tgt Ion: 83 Resp: 8301

Ion Ratio Lower Upper

83 100

55 0.5 60.0 90.0#

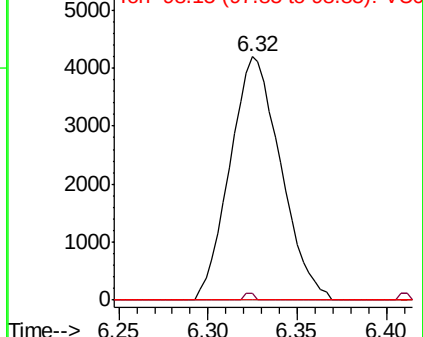
98 0.0 37.8 56.8#

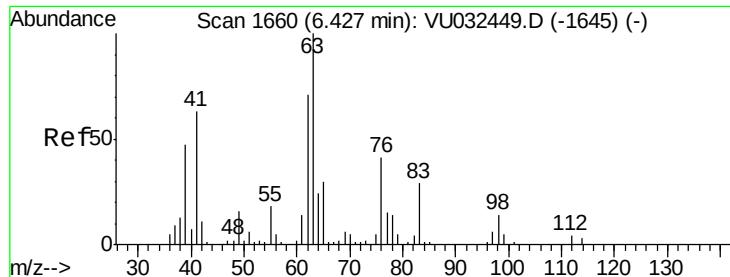


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

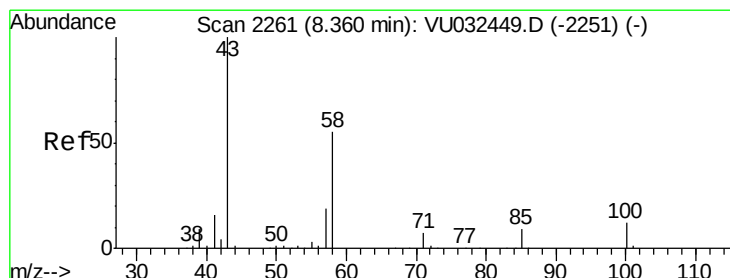
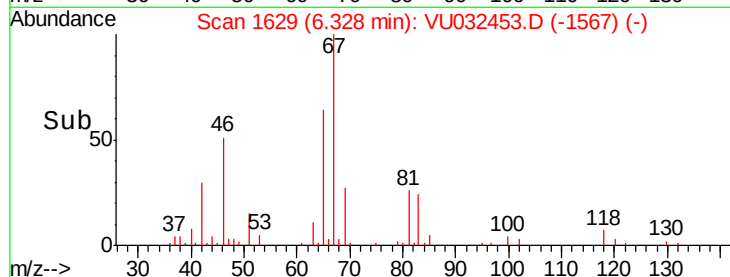
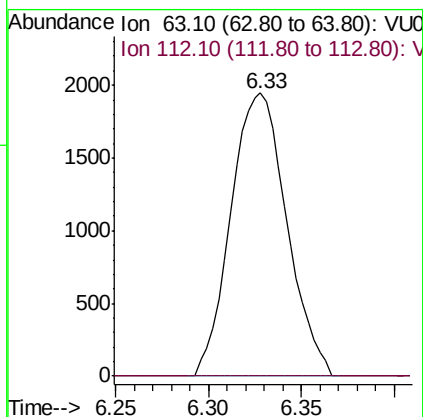
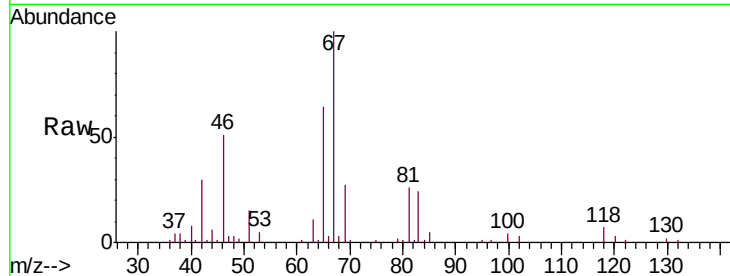




#37
 1,2-Dichloropropane
 Concen: 0.597 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032453.D
 Acq: 05 Jun 2019 11:22

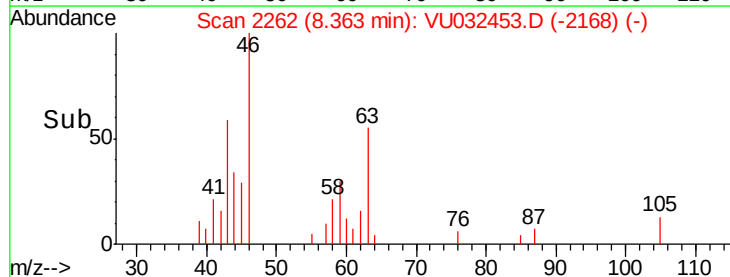
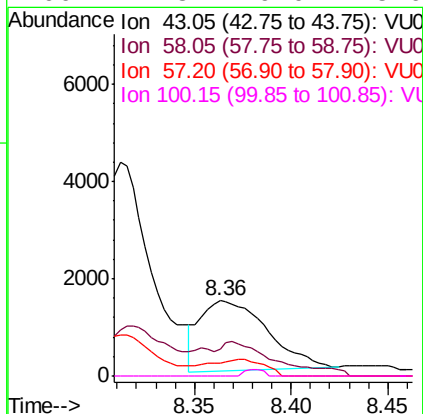
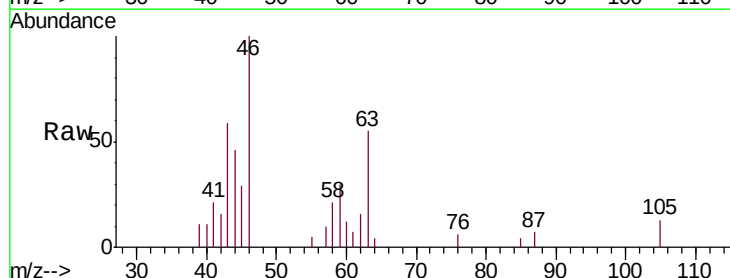
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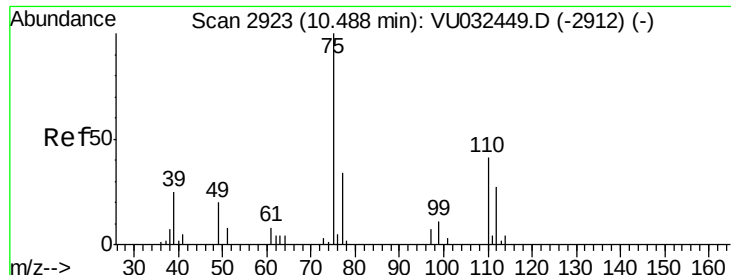
Tgt Ion: 63 Resp: 4070
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#48
 2-Hexanone
 Concen: 0.999 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU032453.D
 Acq: 05 Jun 2019 11:22

Tgt Ion: 43 Resp: 3466
 Ion Ratio Lower Upper
 43 100
 58 40.9 41.9 62.9#
 57 20.3 15.1 22.7
 100 2.8 9.0 13.6#





#59

1,2,3-Trichloropropane

Concen: 1.125 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032453.D

Acq: 05 Jun 2019 11:22

Instrument :

MSVOA_U

ClientSampleId :

GALE3

Tgt Ion: 75 Resp: 5042

Ion Ratio Lower Upper

75 100

77 39.2 25.3 37.9#

