

Data File : VU032439.D
Acq On : 04 Jun 2019 19:59
Operator : JC/SP
Sample : K3081-14 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALE2

Quant Time: Jun 04 23:10:10 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	102370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	94012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46579	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33889	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.68	69	28412	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.27	63	51837	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.19	46	95802	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.64	84	61104	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.31	65	33556	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.33	84	128808	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.32	67	39360	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	7.56	98	121011	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
43) trans-1,3-Dichloropropene-	7.85	79	15758	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.31	63	79298	51.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31494	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	47044	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

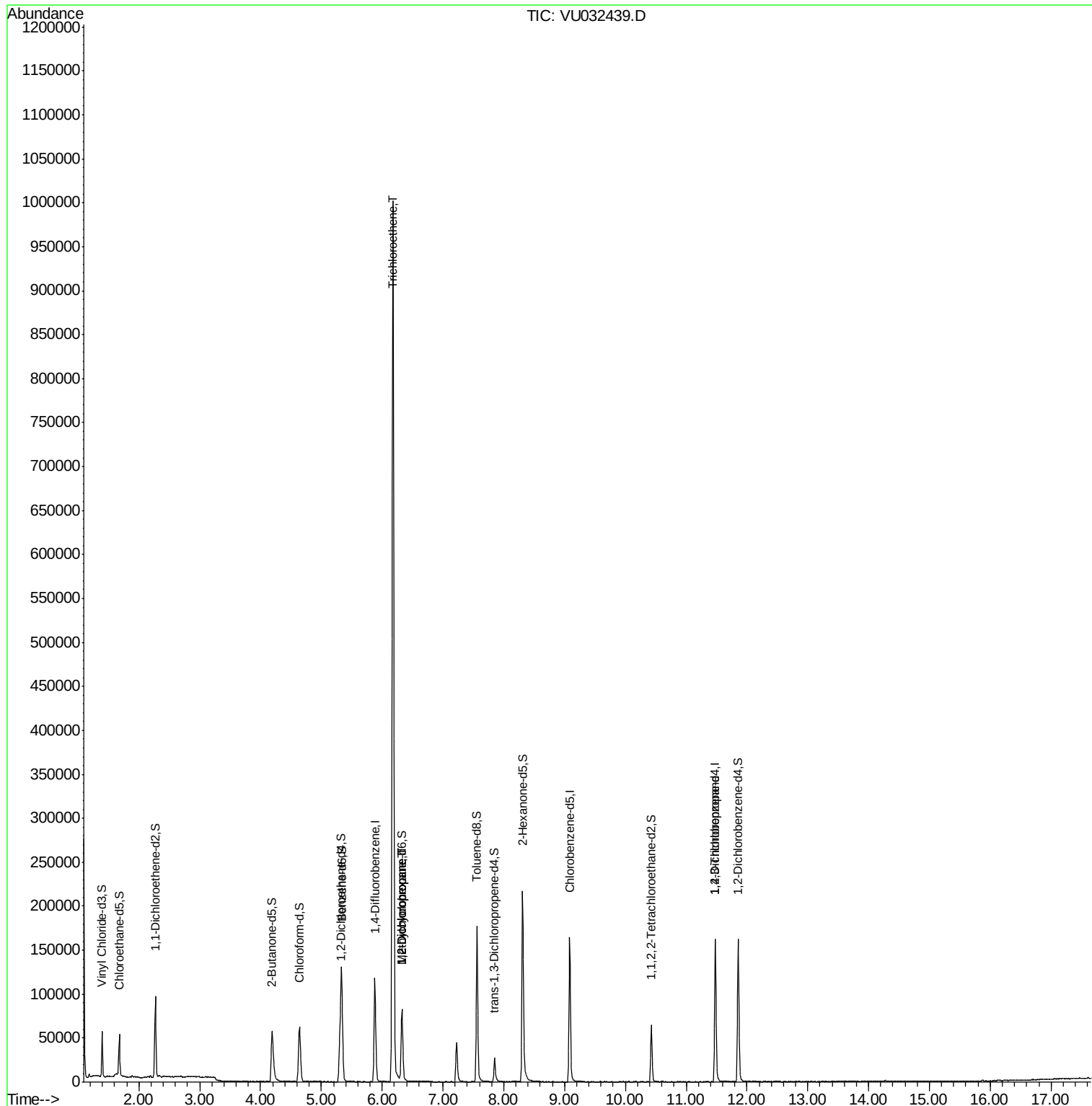
Target Compounds					Qvalue
34) Trichloroethene	6.18	95	341282	42.805 ug/L	99
35) Methylcyclohexane	6.33	83	9041	0.705 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4305	0.600 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5349	1.136 ug/L	91

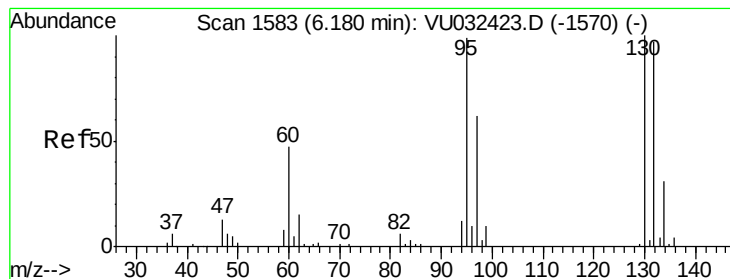
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 42.805 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

GALE2

Tgt Ion: 95 Resp: 341282

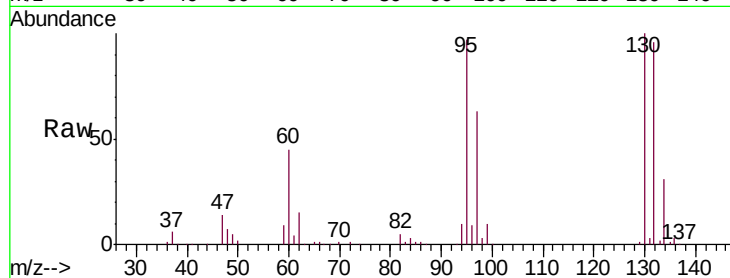
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 99.1 68.8 127.8

130 103.1 71.0 131.8

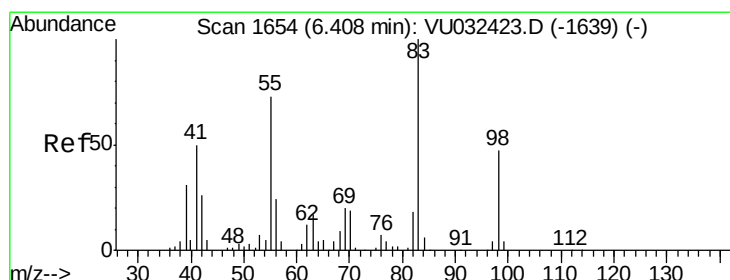
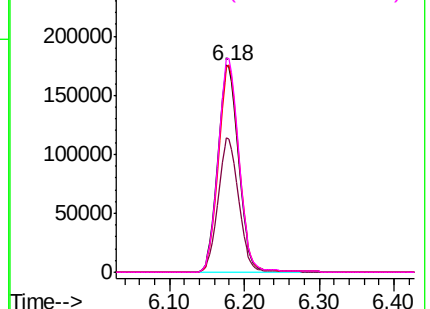
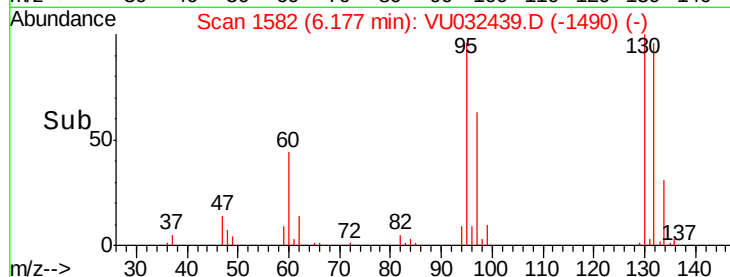


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.705 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

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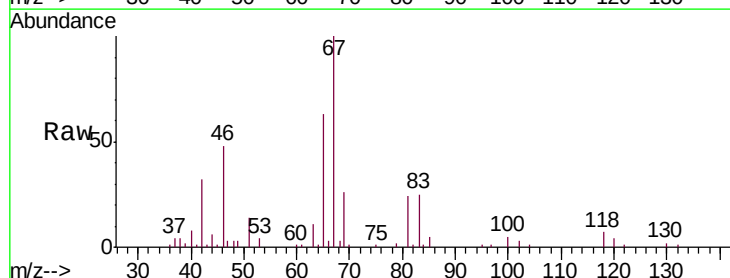
Tgt Ion: 83 Resp: 9041

Ion Ratio Lower Upper

83 100

55 0.2 60.0 90.0#

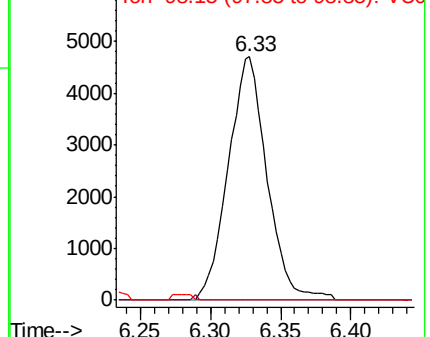
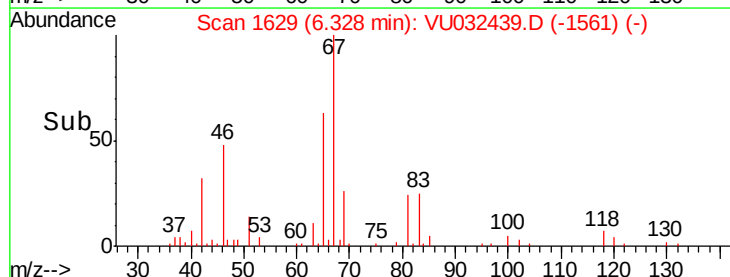
98 0.0 37.8 56.8#

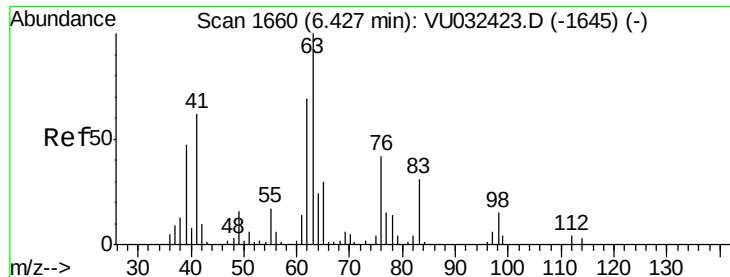


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

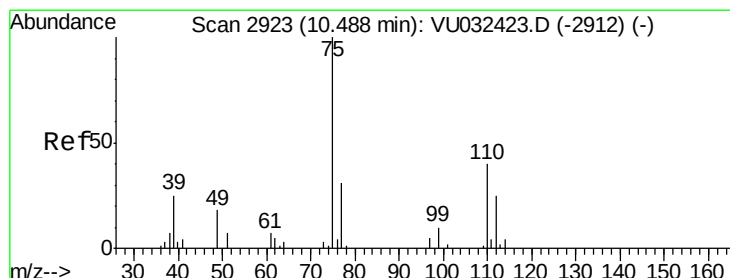
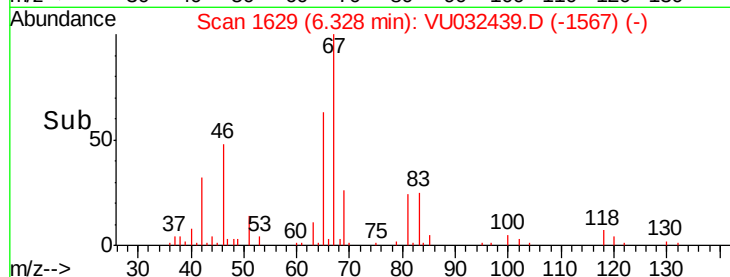
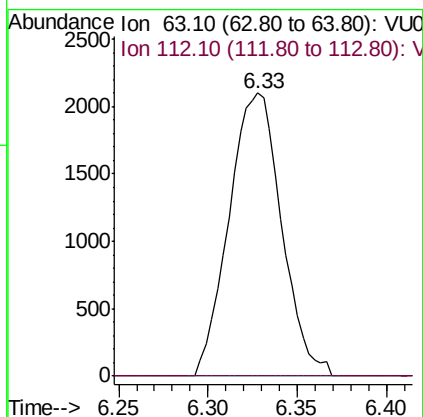
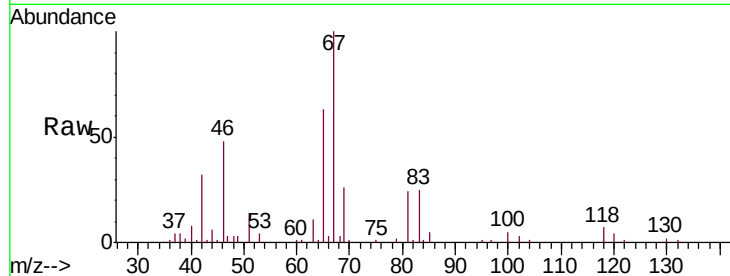




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 4305
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.136 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032439.D
 Acq: 04 Jun 2019 19:59

Tgt Ion: 75 Resp: 5349
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.3 37.9

