

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037055.D
 Acq On : 04 Mar 2020 22:30
 Operator : JC/MD
 Sample : L1780-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF5

Quant Time: Mar 05 03:06:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 02:52:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243707	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	232525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86994	42.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.02%
7) Chloroethane-d5	1.91	69	81977	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.58	63	115196	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	4.67	46	141017	102.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.72%
24) Chloroform-d	5.10	84	156402	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	5.74	65	108568	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
32) Benzene-d6	5.76	84	336311	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
36) 1,2-Dichloropropane-d6	6.72	67	111829	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.92	98	292786	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	8.20	79	44311	43.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.54%
47) 2-Hexanone-d5	8.66	63	94955	89.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	161404	52.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.10%
64) 1,2-Dichlorobenzene-d4	12.21	152	83509	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

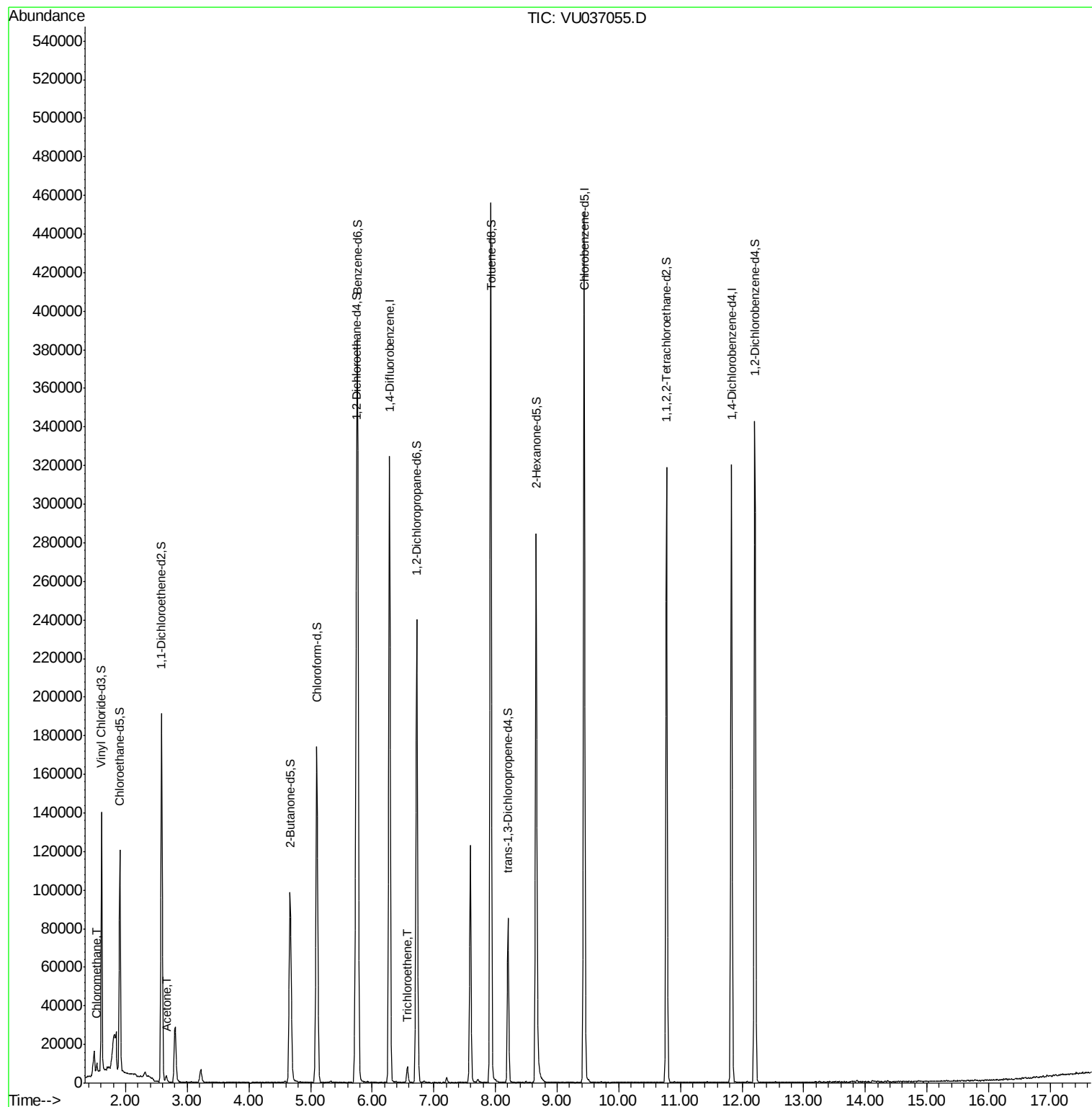
Target Compounds					Ovalue
3) Chloromethane	1.53	50	3594	1.511 ug/L	92
13) Acetone	2.66	43	2529	1.791 ug/L	92
34) Trichloroethene	6.57	95	2119	1.174 ug/L	94

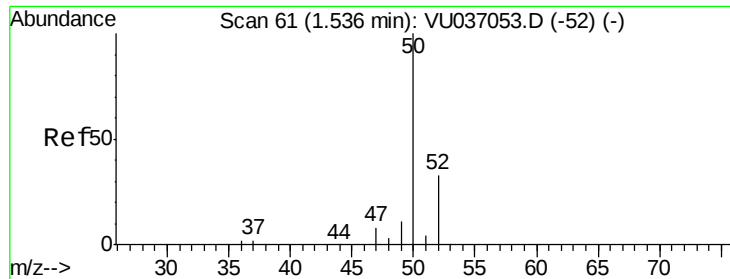
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.511 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

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Acq: 04 Mar 2020 22:30

Instrument :

MSVOA_U

ClientSampleId :

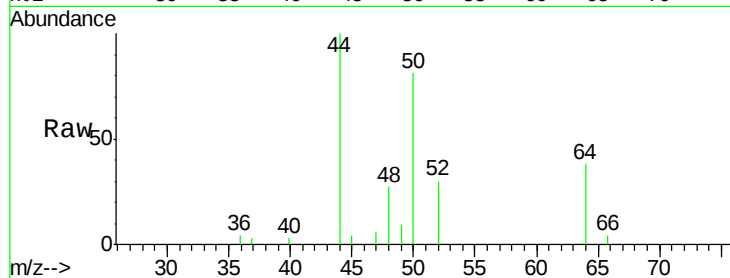
C0DF5

Tot Ion: 50 Resp: 3594

Ion Ratio Lower Upper

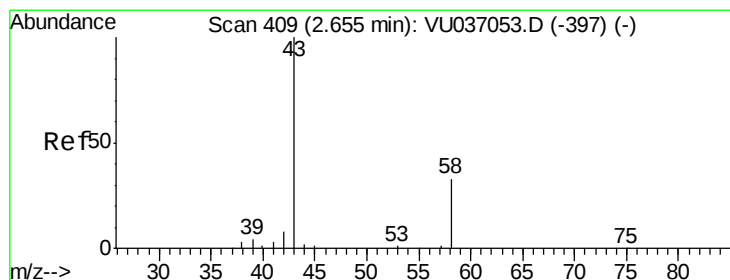
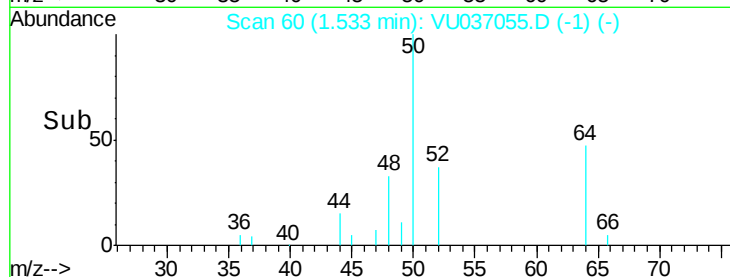
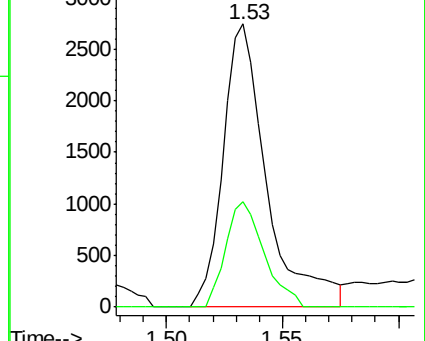
50 100

52 37.4 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU037055.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU037055.D (-52) (-)



#13

Acetone

Concen: 1.791 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037055.D

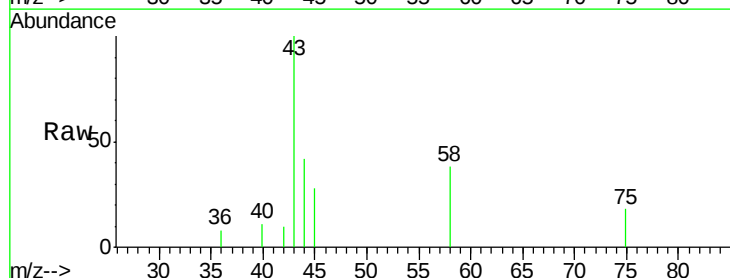
Acq: 04 Mar 2020 22:30

Tgt Ion: 43 Resp: 2529

Ion Ratio Lower Upper

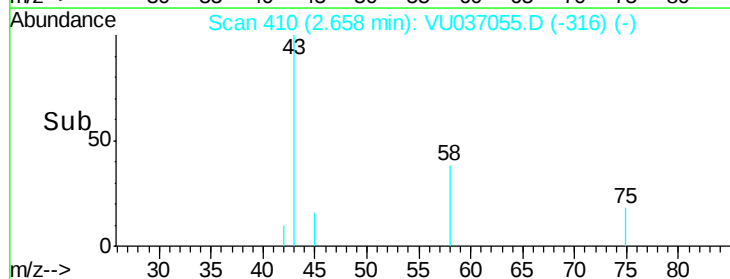
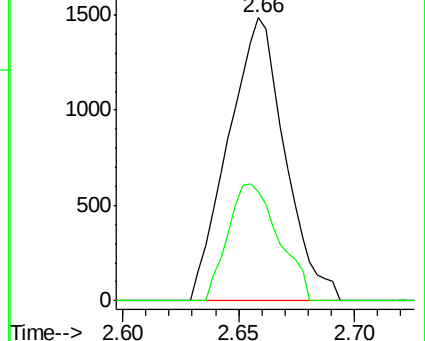
43 100

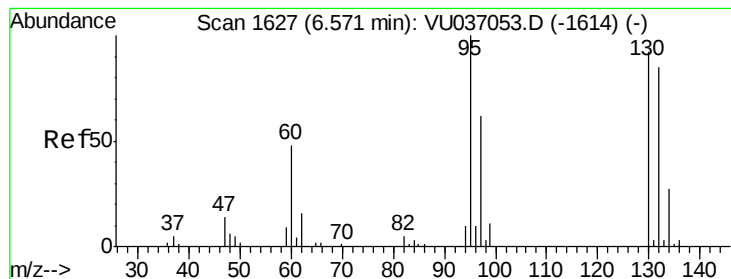
58 36.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037055.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037055.D (-397) (-)





#34

Trichloroethene

Concen: 1.174 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037055.D

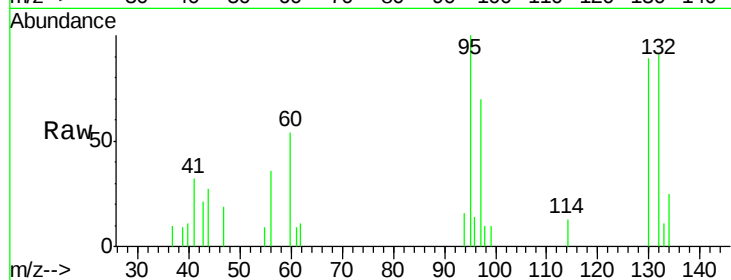
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Tot Ion: 95 Resp: 2119

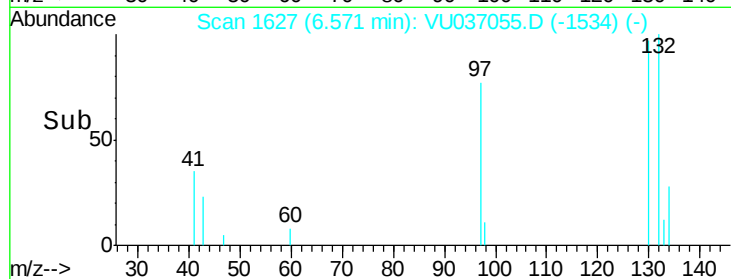
Ion Ratio Lower Upper

95 100

97 69.9 44.1 81.9

132 91.3 60.6 112.6

130 88.7 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

