

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037262.D
 Acq On : 14 Mar 2020 14:55
 Operator : JC/MD
 Sample : L1900-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE1

Quant Time: Mar 16 05:18:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	126441	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	120700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35948	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.93	69	30595	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	50963	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	4.67	46	94312	44.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.82%
24) Chloroform-d	5.11	84	73236	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	44983	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.76	84	134930	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.72	67	42895	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.93	98	120677	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.20	79	16063	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.66	63	77275	47.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35437	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42566	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

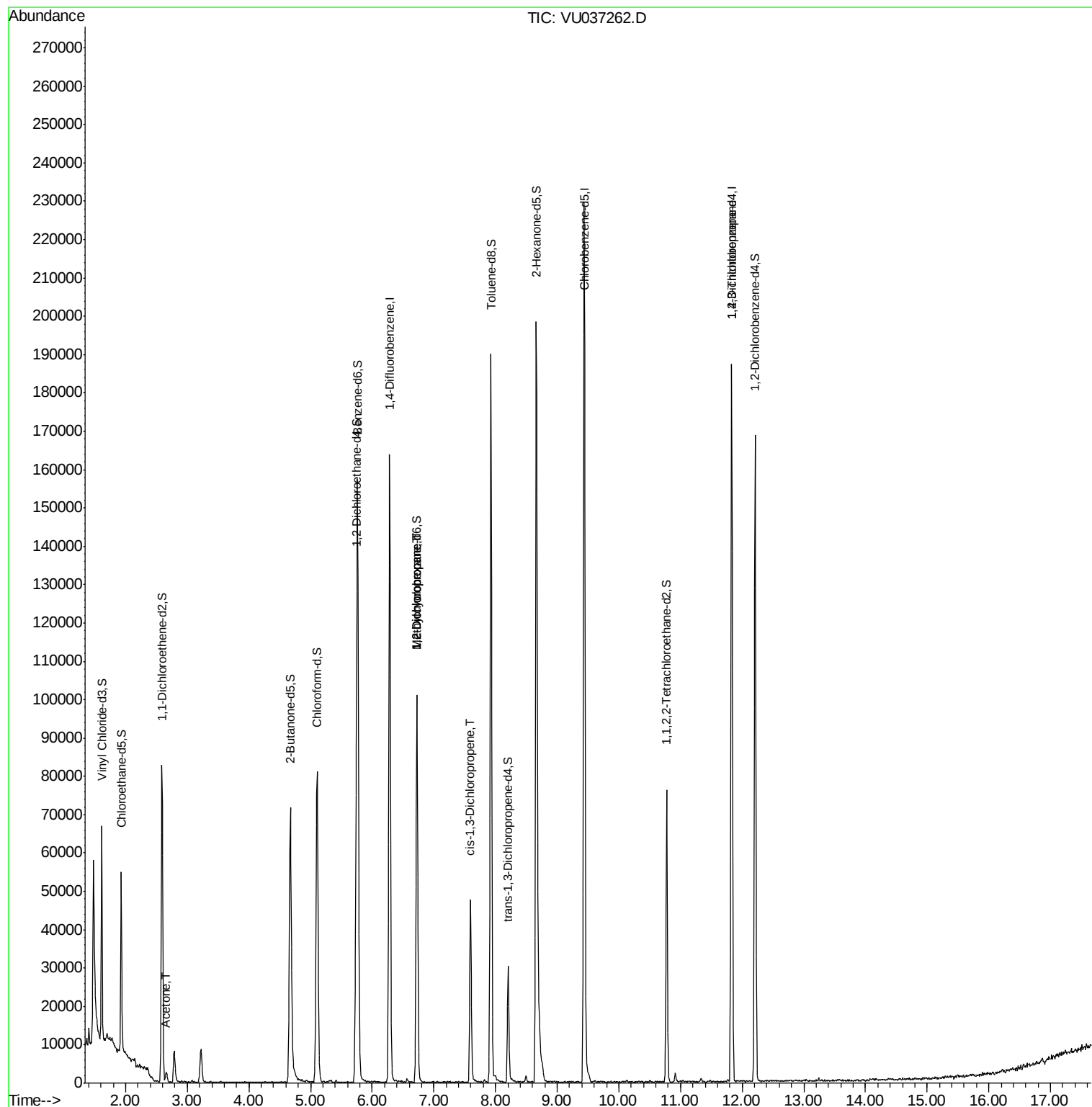
					Ovalue
13) Acetone	2.66	43	2379	1.367 ug/L	95
35) Methylcyclohexane	6.73	83	10474	0.703 ug/L #	15
37) 1,2-Dichloropropane	6.73	63	5236	0.558 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1566	0.116 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	6633	0.987 ug/L	94

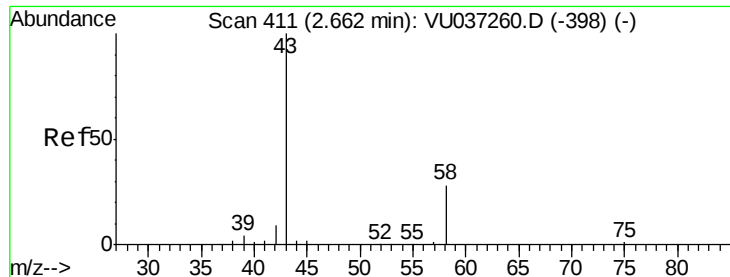
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.367 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU037262.D

Acq: 14 Mar 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

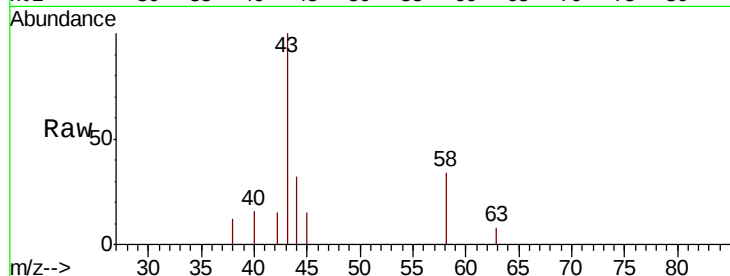
CONE1

Tot Ion: 43 Resp: 2379

Ion Ratio Lower Upper

43 100

58 28.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037262.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037262.D (-398) (-)

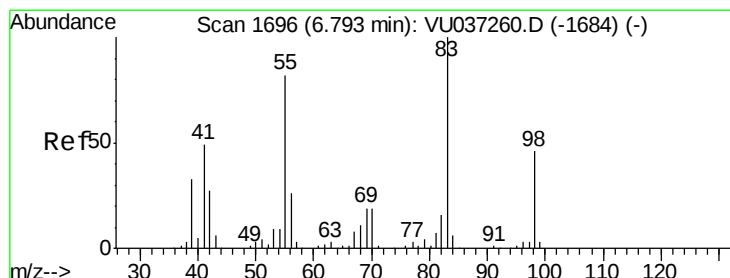
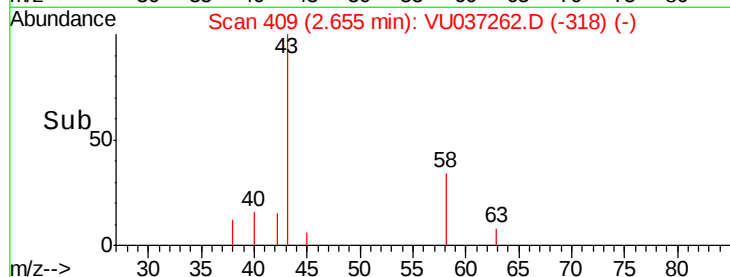
2.66

1000

500

0

Time-->



#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037262.D

Acq: 14 Mar 2020 14:55

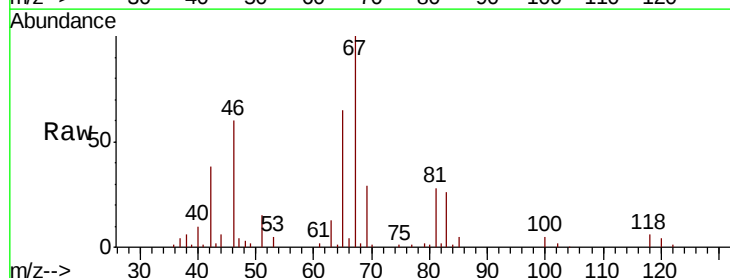
Tgt Ion: 83 Resp: 10474

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

98 0.0 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU037262.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU037262.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU037262.D (-1684) (-)

8000

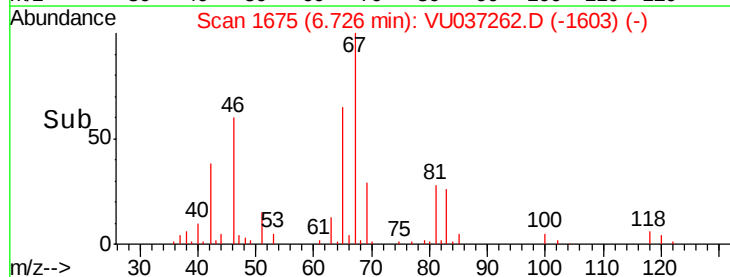
6000

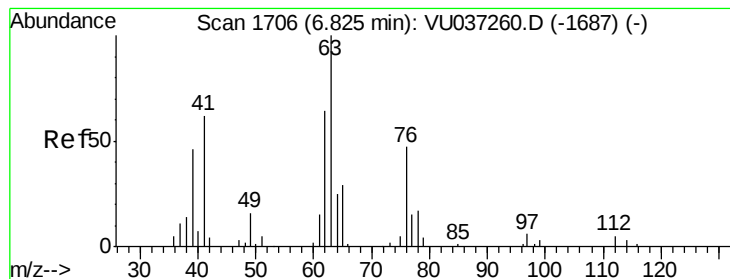
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037262.D

Acq: 14 Mar 2020 14:55

Instrument :

MSVOA_U

ClientSampleId :

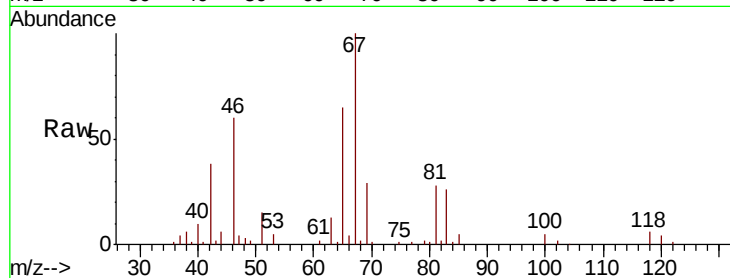
CONE1

Tot Ion: 63 Resp: 5236

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037262.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037262.D (-1687) (-)

6.73

3000

2500

2000

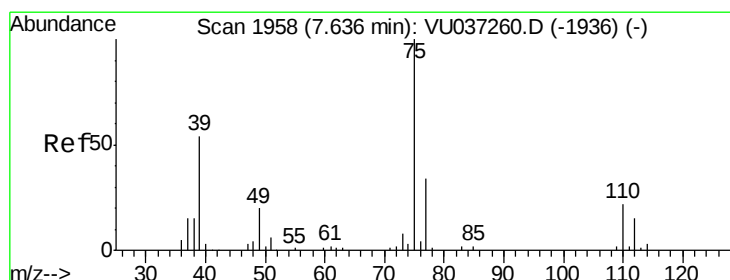
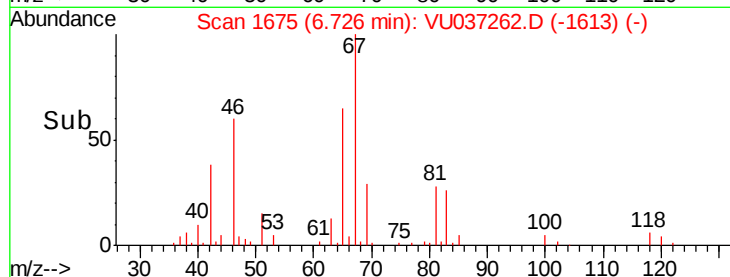
1500

1000

500

0

Time--> 6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037262.D

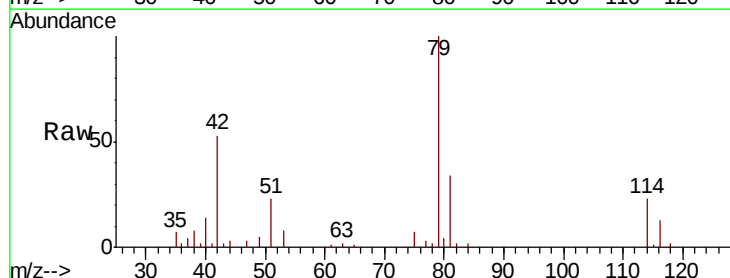
Acq: 14 Mar 2020 14:55

Tgt Ion: 75 Resp: 1566

Ion Ratio Lower Upper

75 100

77 43.0 21.1 39.1#



Abundance Ion 75.05 (74.75 to 75.75): VU037262.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037262.D (-1865) (-)

7.60

1000

800

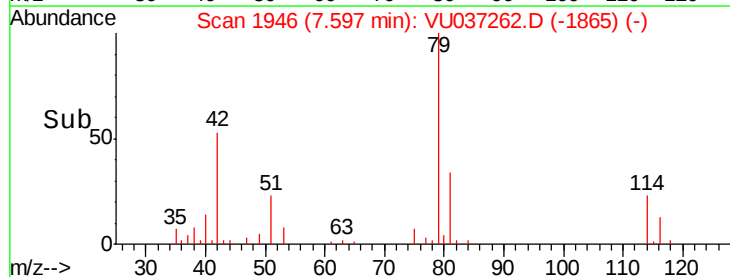
600

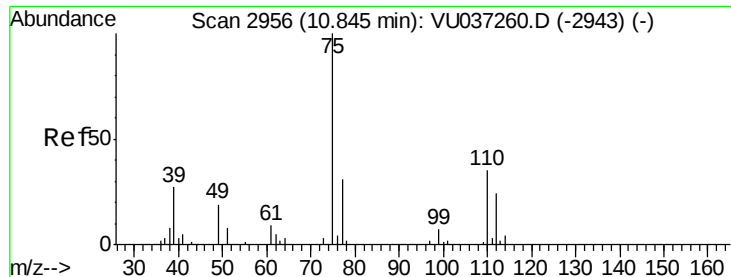
400

200

0

Time--> 7.55 7.60





#59
 1,2,3-Trichloropropane
 Concen: 0.987 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037262.D
 Acq: 14 Mar 2020 14:55

Instrument :
 MSVOA_U
 ClientSampleId :
 CONE1

Tot Ion: 75 Resp: 6633
 Ion Ratio Lower Upper
 75 100
 77 37.4 27.4 41.0

