

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037086.D
 Acq On : 05 Mar 2020 16:12
 Operator : JC/MD
 Sample : L1780-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ4

Quant Time: Mar 05 22:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251793	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	239123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76130	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	79226	45.28	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.59	63	108972	30.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.54%
21) 2-Butanone-d5	4.67	46	144016	101.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.54%
24) Chloroform-d	5.11	84	155820	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	5.74	65	106500	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.76	84	326004	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.72	67	110376	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.54%
41) Toluene-d8	7.92	98	286022	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	8.20	79	43566	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.70%
47) 2-Hexanone-d5	8.66	63	95919	87.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157343	49.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.64%
64) 1,2-Dichlorobenzene-d4	12.21	152	86485	51.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.56%

Target Compounds

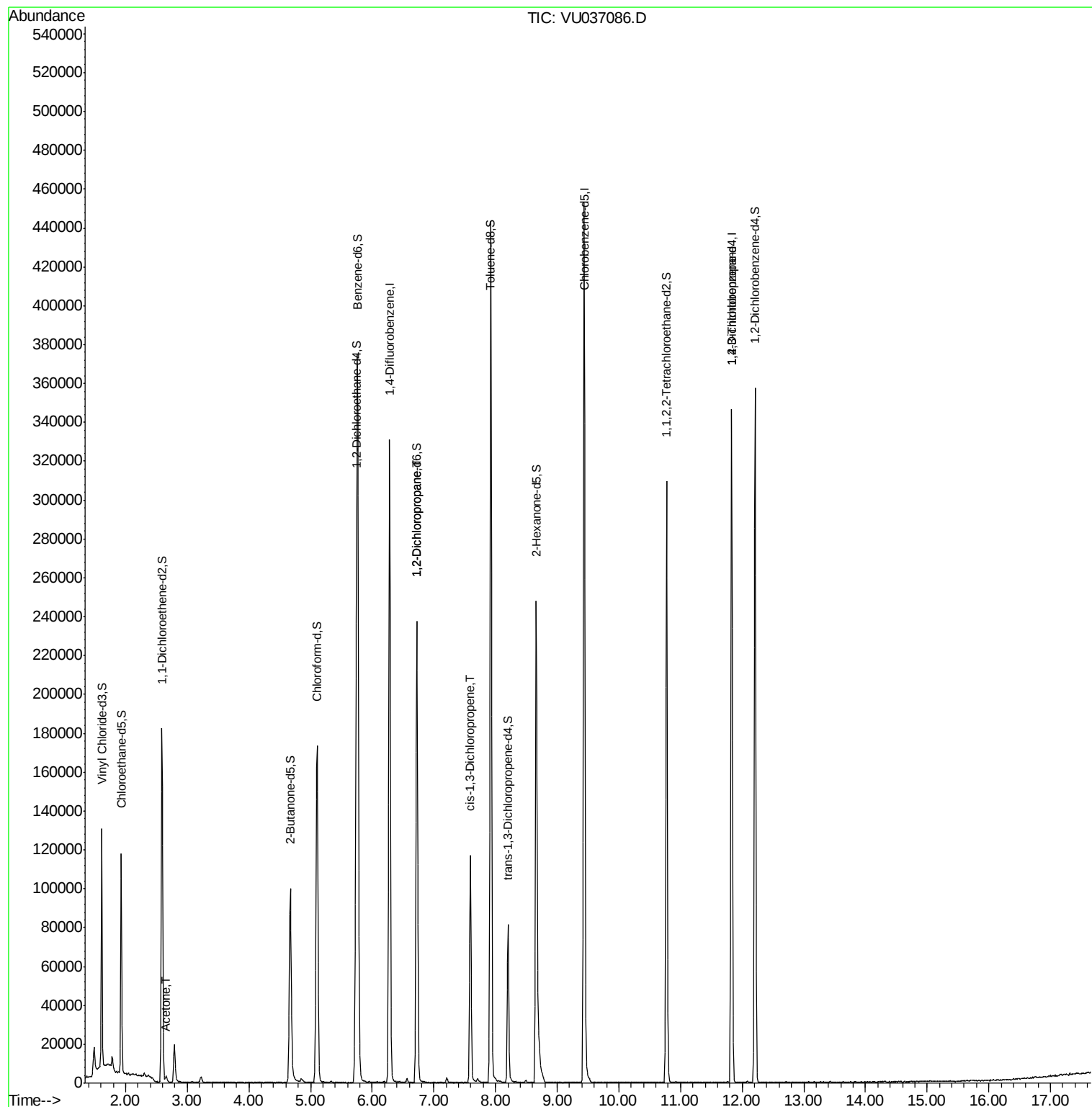
					Ovalue
13) Acetone	2.66	43	3307	2.267 ug/L	97
37) 1,2-Dichloropropane	6.72	63	12212	6.004 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2841	0.907 ug/L #	43
59) 1,2,3-Trichloropropane	11.83	75	13976	5.341 ug/L	92

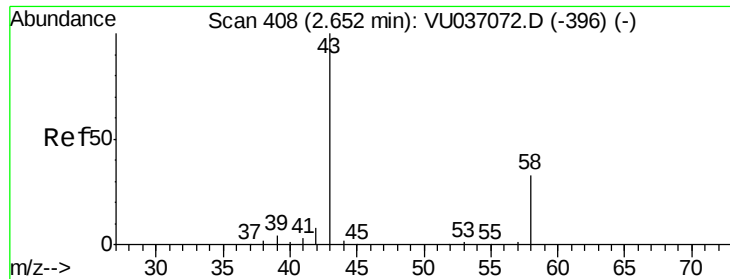
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.267 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037086.D

Acq: 05 Mar 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

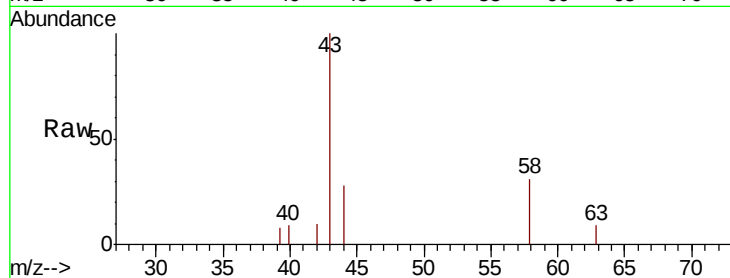
C0DJ4

Tot Ion: 43 Resp: 3307

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)

2.66

2000

1500

1000

500

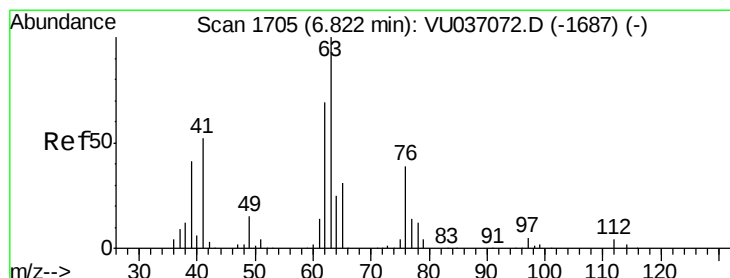
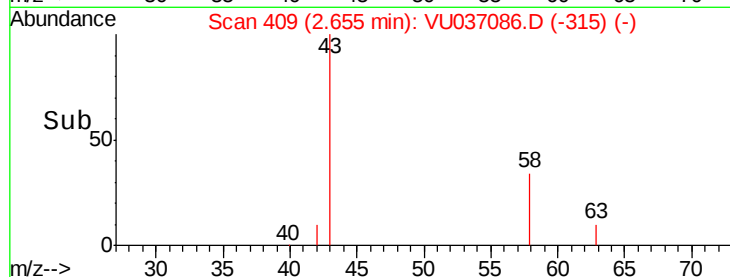
0

2.60

2.65

2.70

Time-->



#37

1,2-Dichloropropane

Concen: 6.004 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037086.D

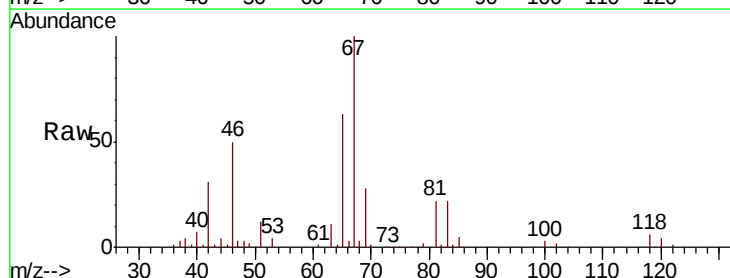
Acq: 05 Mar 2020 16:12

Tgt Ion: 63 Resp: 12212

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU037072.D (-1687) (-)

Ion 112.00 (111.70 to 112.70): VU037072.D (-1687) (-)

6.72

6000

4000

2000

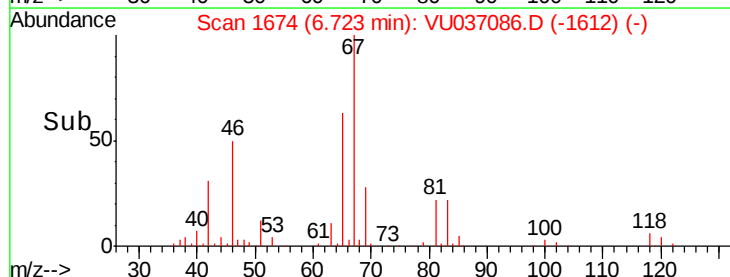
0

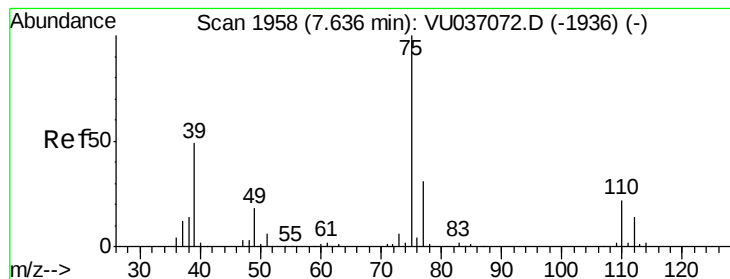
6.65

6.70

6.75

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037086.D

Acq: 05 Mar 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

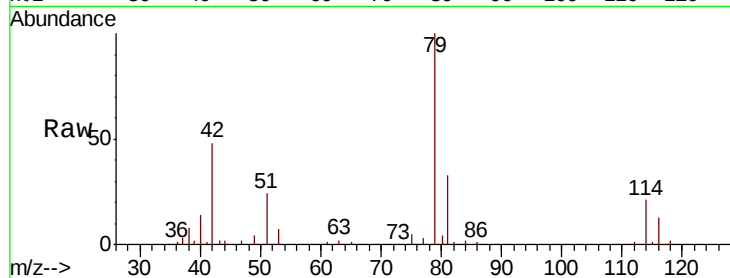
C0DJ4

Tot Ion: 75 Resp: 2841

Ion Ratio Lower Upper

75 100

77 63.2 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037072.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU037072.D (-1936) (-)

7.59

1500

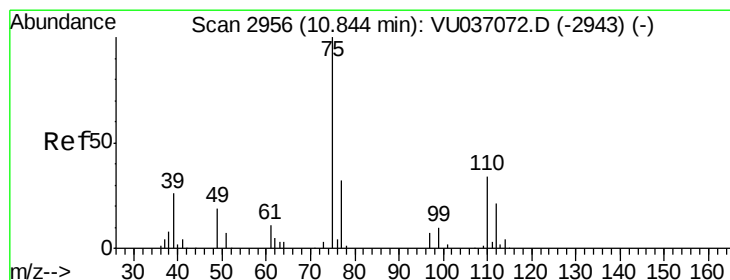
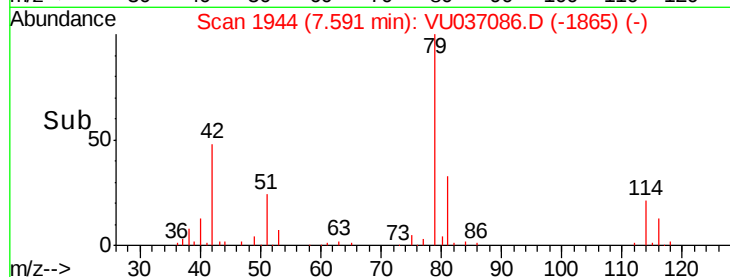
1000

500

0

7.55 7.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.341 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037086.D

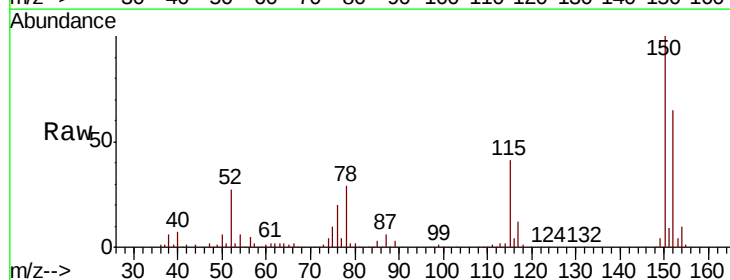
Acq: 05 Mar 2020 16:12

Tgt Ion: 75 Resp: 13976

Ion Ratio Lower Upper

75 100

77 36.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU037072.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU037072.D (-2943) (-)

11.83

8000

6000

4000

2000

0

11.80 11.85 11.90

Time-->

