

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037487.D
 Acq On : 31 Mar 2020 03:12
 Operator : JC/MD
 Sample : L2064-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:05:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93320	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	88065	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28881	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.93	69	25528	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.59	63	45000	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.68	46	107575	57.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.11	84	61000	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	35087	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	123991	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	41075	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.93	98	110793	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	17544	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.66	63	89915	57.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35942	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	41450	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

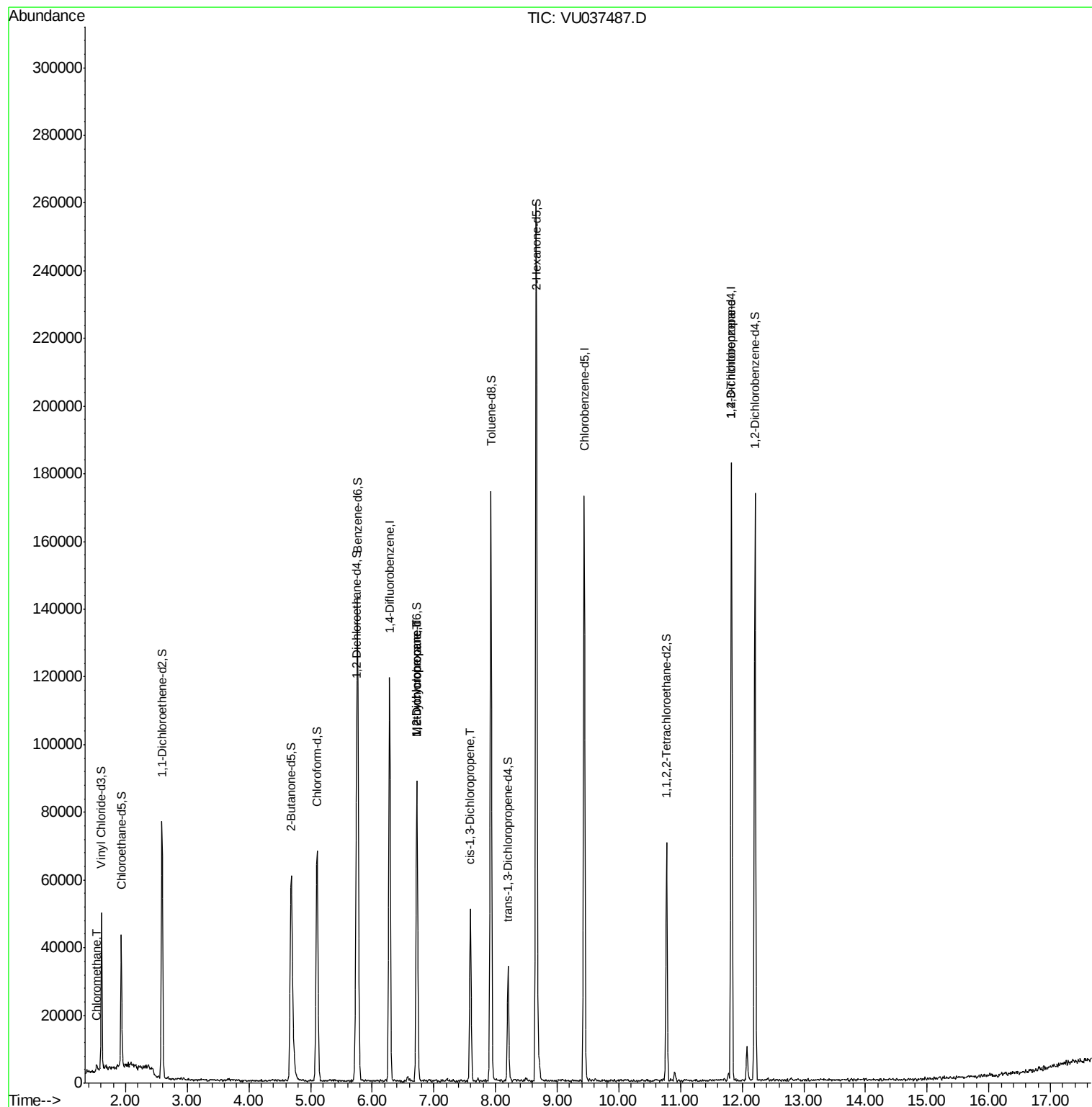
					Ovalue
3) Chloromethane	1.53	50	816	0.118 ug/L	95
35) Methylcyclohexane	6.72	83	9551	0.812 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	4996	0.741 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1359	0.124 ug/L #	77
59) 1,2,3-Trichloropropane	11.83	75	6129	1.307 ug/L	93

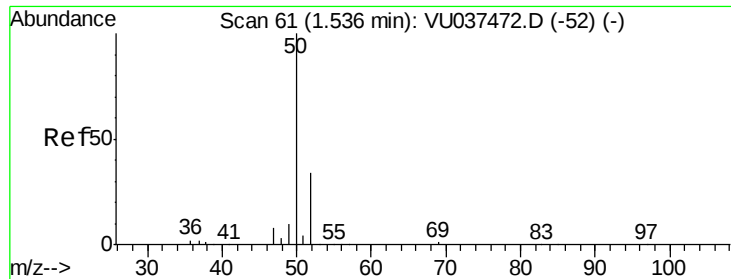
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.118 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037487.D

Acq: 31 Mar 2020 03:12

Instrument :

MSVOA_U

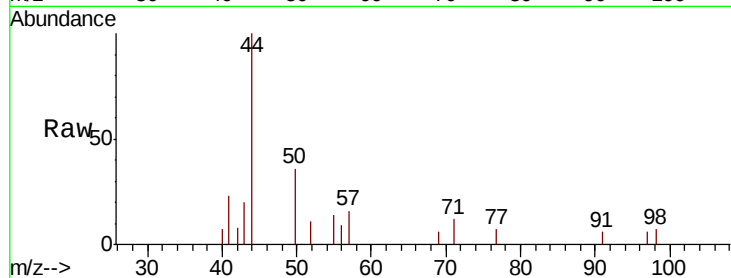
ClientSampleId :

Tot Ion: 50 Resp: 816

Ion Ratio Lower Upper

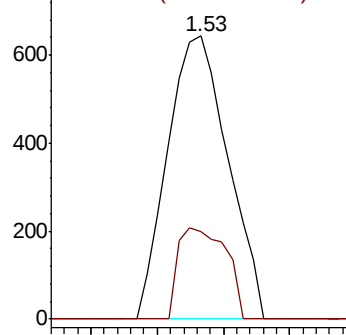
50 100

52 30.8 23.6 43.8

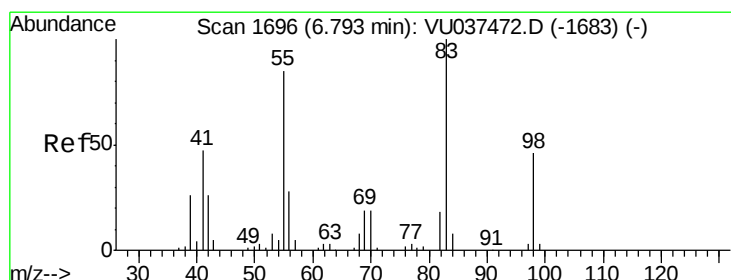
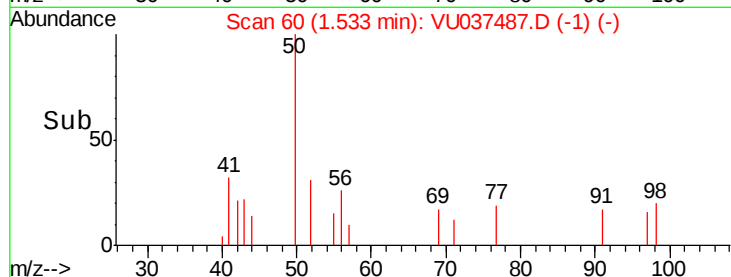


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.812 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU037487.D

Acq: 31 Mar 2020 03:12

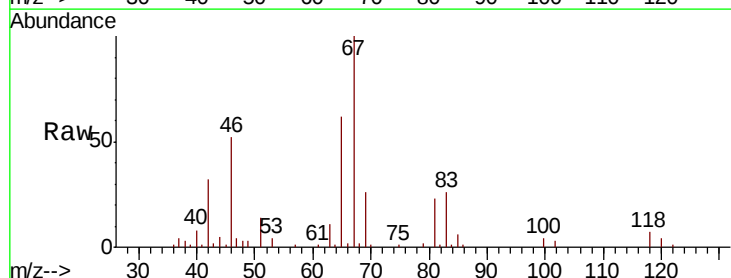
Tgt Ion: 83 Resp: 9551

Ion Ratio Lower Upper

83 100

55 0.2 64.2 96.4#

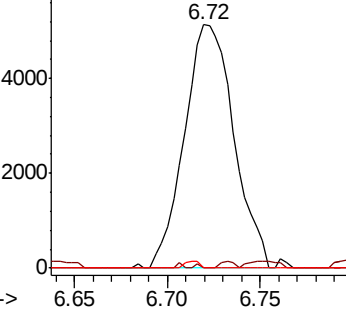
98 0.8 36.3 54.5#



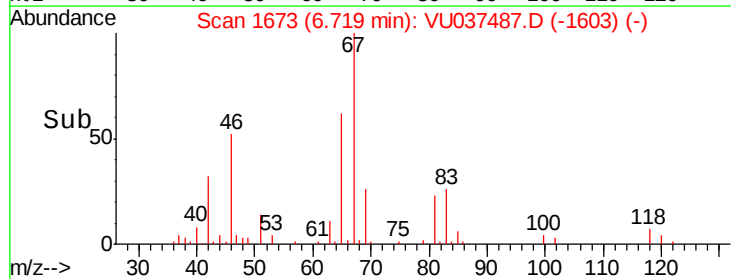
Abundance Ion 83.15 (82.85 to 83.85): VU0

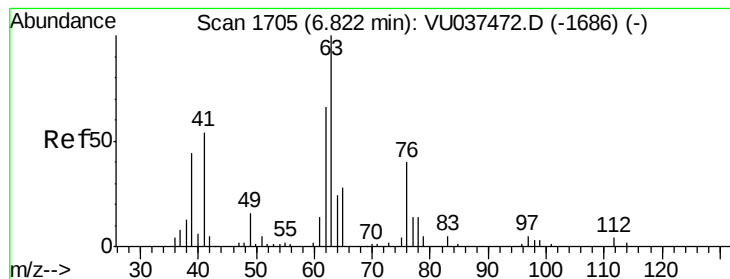
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->





#37

1,2-Dichloropropane

Concen: 0.741 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037487.D

Acq: 31 Mar 2020 03:12

Instrument :

MSVOA_U

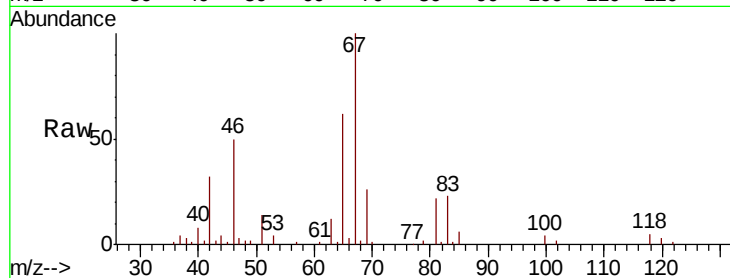
ClientSampleId :

Tot Ion: 63 Resp: 4996

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037487.D (-1675) (-)

Ion 112.10 (111.80 to 112.80): VU037487.D (-1675) (-)

6.73

2500

2000

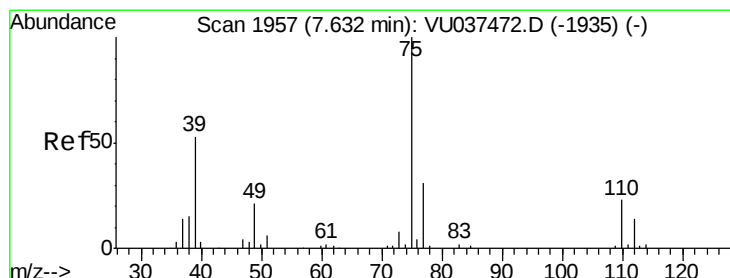
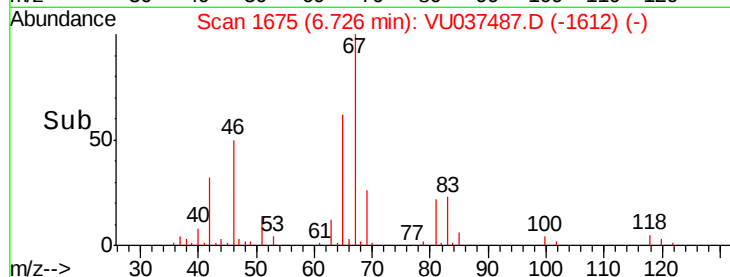
1500

1000

500

0

Time--> 6.65 6.70 6.75



#39

cis-1,3-Dichloropropene

Concen: 0.124 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037487.D

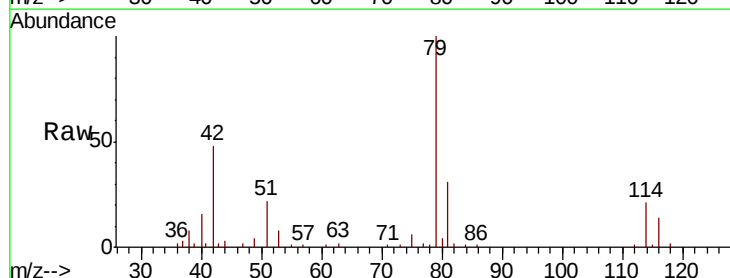
Acq: 31 Mar 2020 03:12

Tgt Ion: 75 Resp: 1359

Ion Ratio Lower Upper

75 100

77 42.7 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU037487.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU037487.D (-1864) (-)

7.59

1000

800

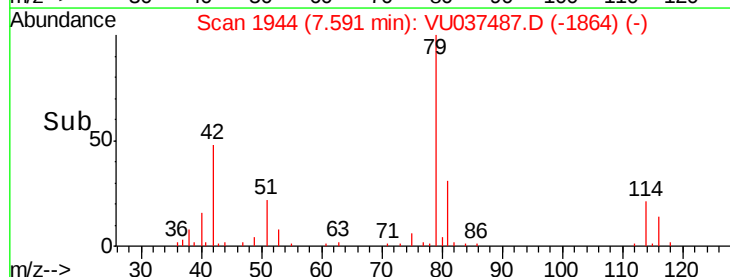
600

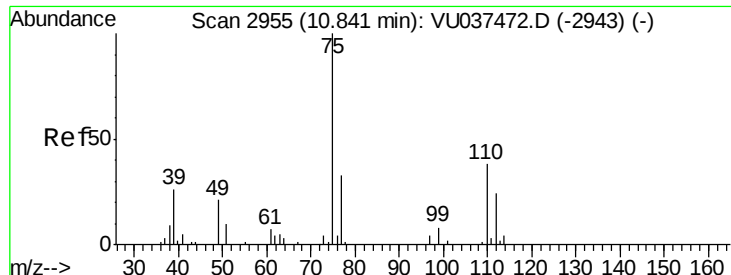
400

200

0

Time--> 7.55 7.60





#59

1,2,3-Trichloropropane

Concen: 1.307 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037487.D

Acq: 31 Mar 2020 03:12

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6129

Ion Ratio Lower Upper

75 100

77 38.5 27.4 41.2

