

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037240.D
 Acq On : 13 Mar 2020 14:27
 Operator : JC/MD
 Sample : VU0313WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 14 00:26:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	123808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52289	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37365	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	32288	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	54078	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.67	46	102001	49.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.10%
24) Chloroform-d	5.11	84	76441	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	47153	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	139327	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.73	67	45088	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	128924	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	18741	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.66	63	80916	48.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	36749	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	46488	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

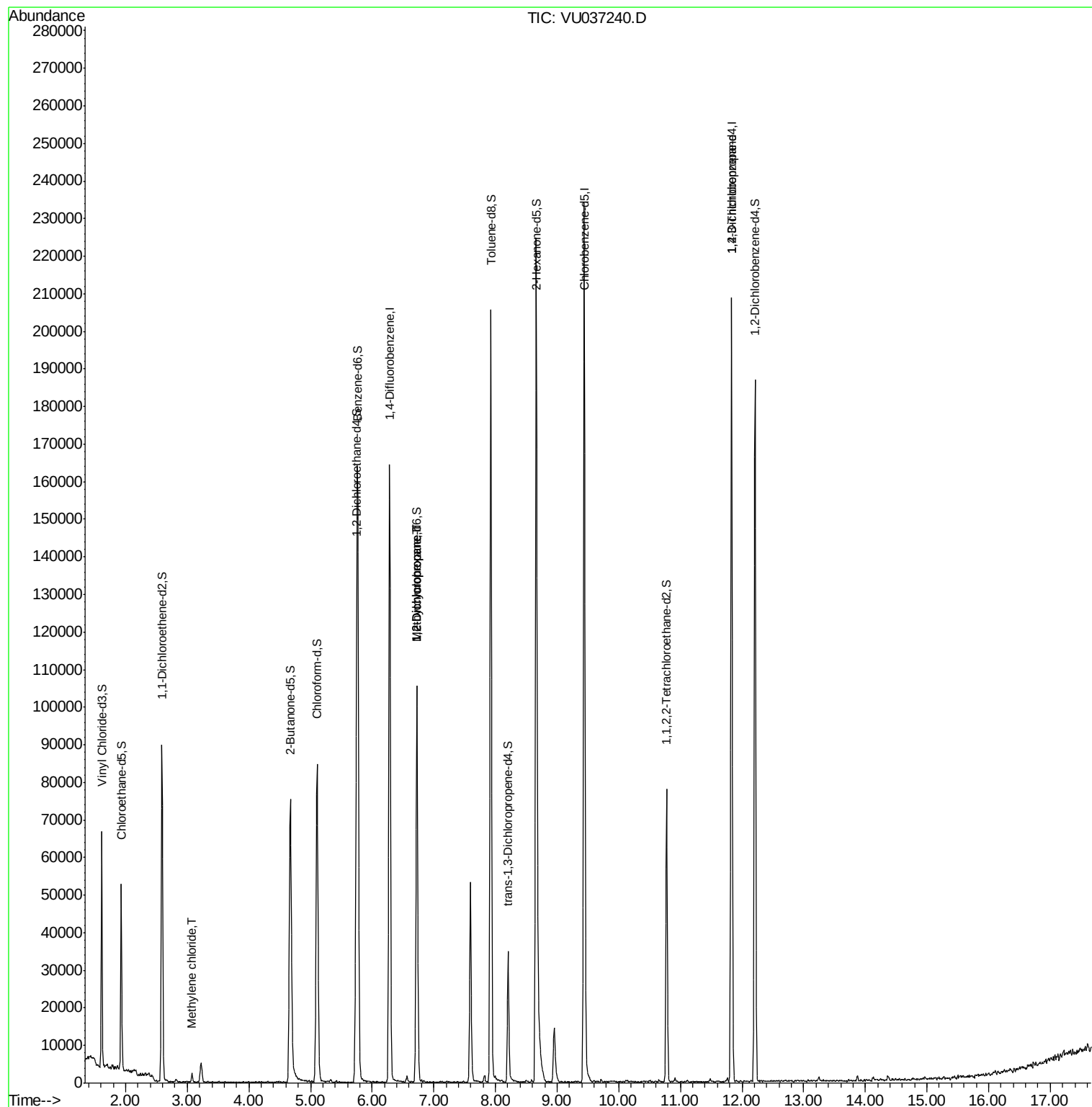
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	891	0.092	ug/L #	75
35) Methylcyclohexane	6.73	83	11318	0.738	ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5992	0.620	ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	6891	0.996	ug/L #	87

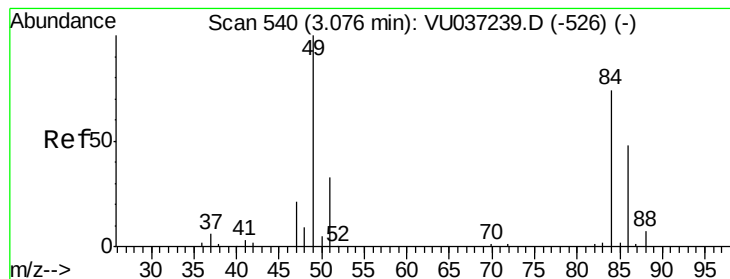
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031320\
Data File : VU037240.D
Acq On : 13 Mar 2020 14:27
Operator : JC/MD
Sample : VU0313WBL01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 14 00:26:18 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 14 00:24:25 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.092 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU037240.D

Acq: 13 Mar 2020 14:27

Instrument :

MSVOA_U

ClientSampleId :

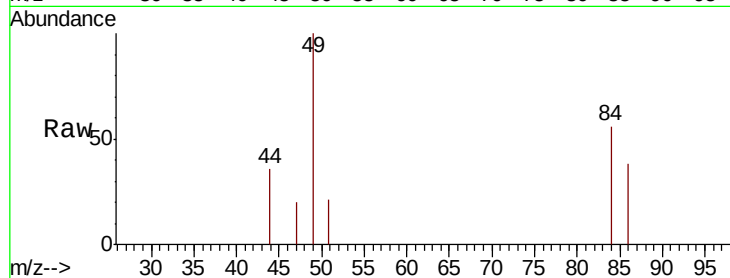
Tot Ion: 84 Resp: 891

Ion Ratio Lower Upper

84 100

86 67.2 44.3 82.3

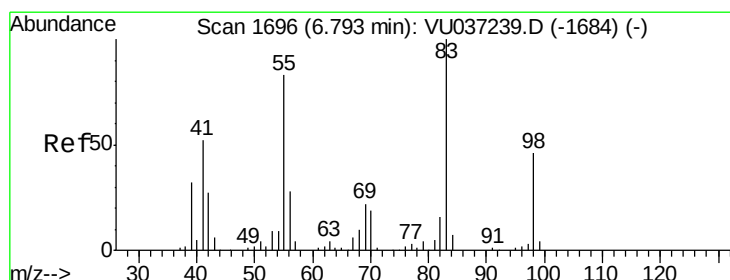
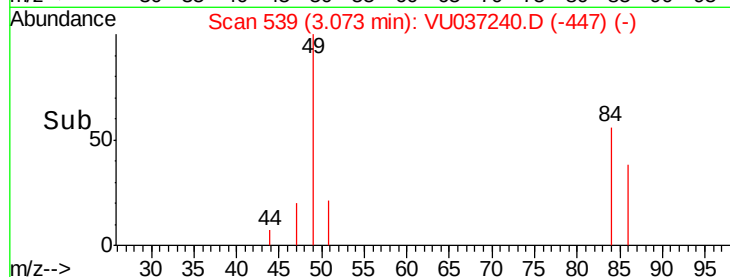
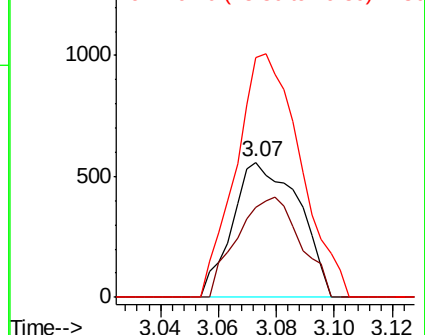
49 177.8 95.3 177.1#



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037240.D

Acq: 13 Mar 2020 14:27

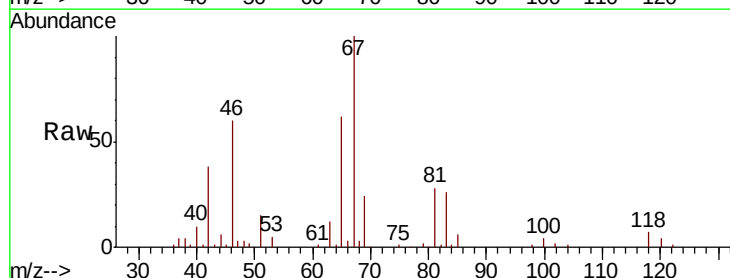
Tgt Ion: 83 Resp: 11318

Ion Ratio Lower Upper

83 100

55 0.0 68.1 102.1#

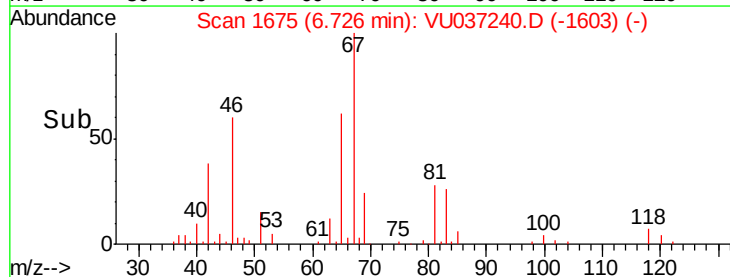
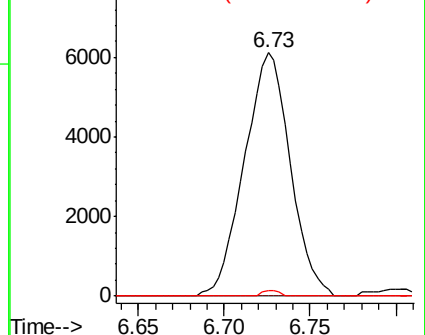
98 0.9 37.0 55.4#

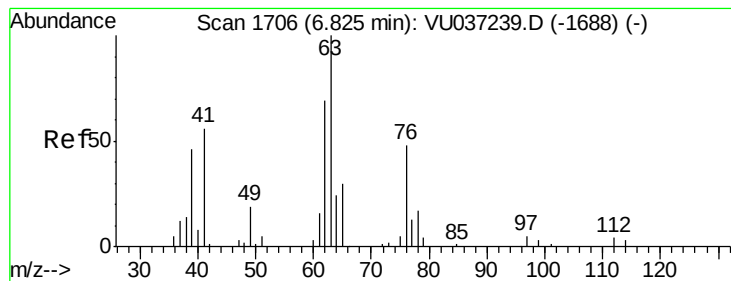


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037240.D

Acq: 13 Mar 2020 14:27

Instrument :

MSVOA_U

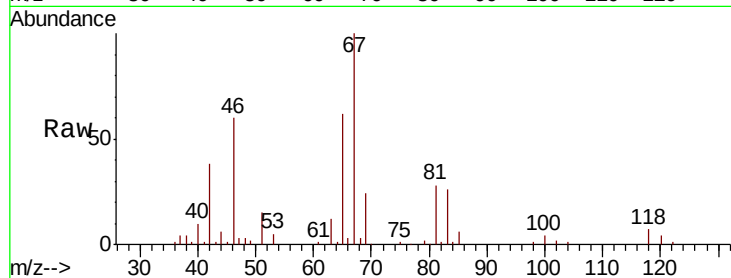
ClientSampleId :

Tot Ion: 63 Resp: 5992

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037239.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU037239.D (-1688) (-)

6.73

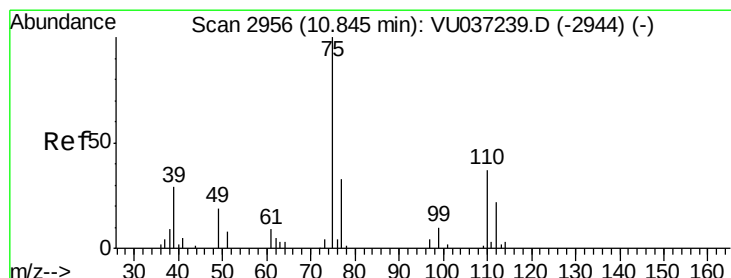
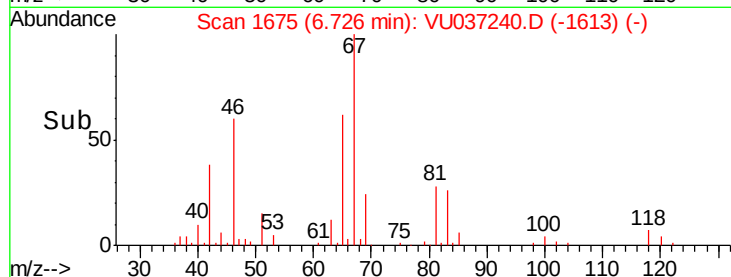
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.996 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037240.D

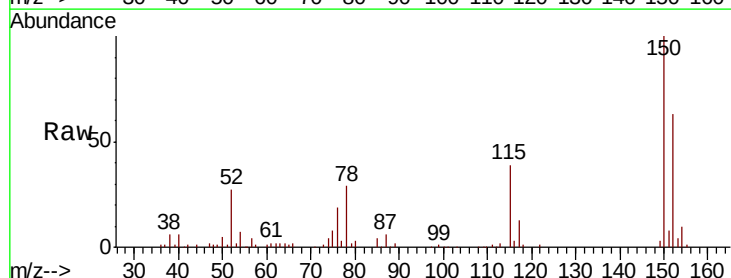
Acq: 13 Mar 2020 14:27

Tgt Ion: 75 Resp: 6891

Ion Ratio Lower Upper

75 100

77 41.7 27.4 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU037239.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU037239.D (-2944) (-)

11.83

4000

3000

2000

1000

0

Time-->

