

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037270.D
 Acq On : 14 Mar 2020 18:13
 Operator : JC/MD
 Sample : L1923-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NG1

Quant Time: Mar 16 05:19:45 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	120397	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35314	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	31583	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.59	63	50444	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.67	46	93129	46.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.11	84	72741	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	43884	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	132967	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.72	67	43980	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	121769	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	8.20	79	16592	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.66	63	75462	46.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35547	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	43163	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

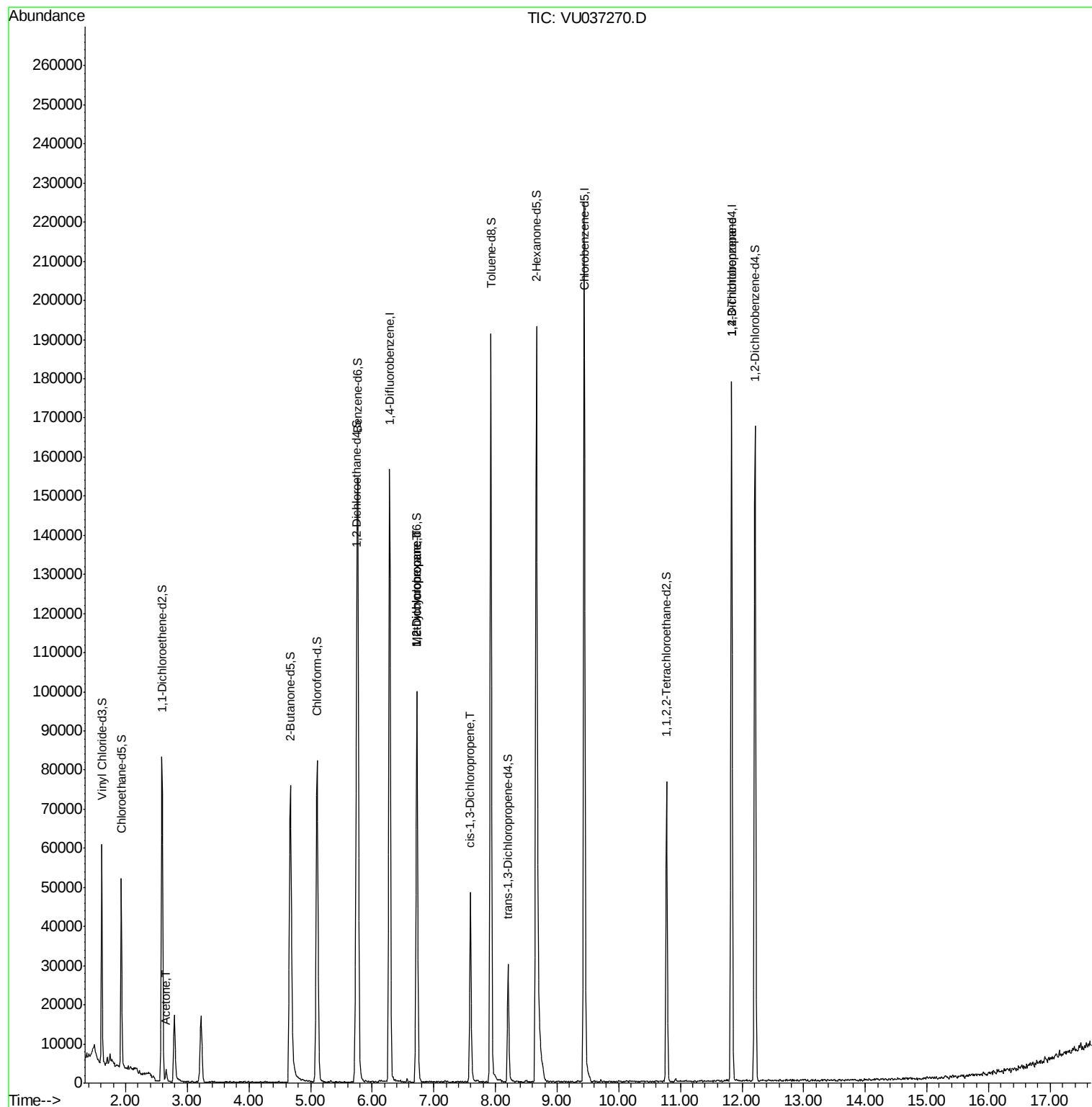
					Ovalue
13) Acetone	2.66	43	2624	1.583	ug/L 98
35) Methylcyclohexane	6.73	83	10945	0.732	ug/L # 15
37) 1,2-Dichloropropane	6.72	63	5555	0.589	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1631	0.121	ug/L # 73
59) 1,2,3-Trichloropropane	11.83	75	6426	0.952	ug/L 93

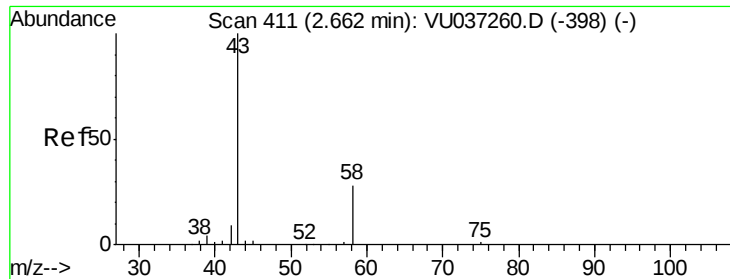
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.583 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU037270.D

Acq: 14 Mar 2020 18:13

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MSVOA_U

ClientSampleId :

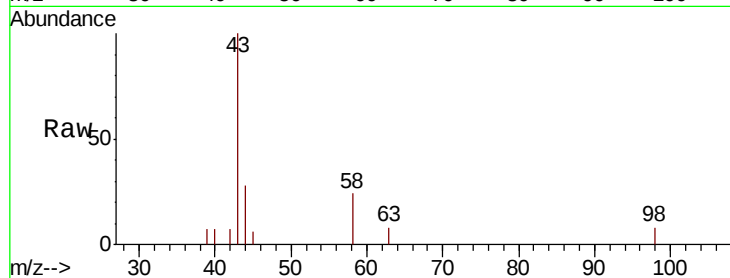
C0NG1

Tot Ion: 43 Resp: 2624

Ion Ratio Lower Upper

43 100

58 27.3 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037260.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU037260.D (-398) (-)

2.66

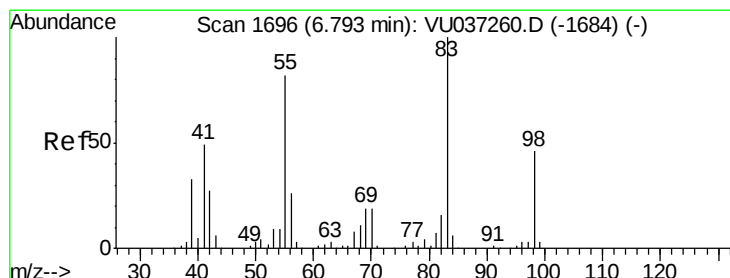
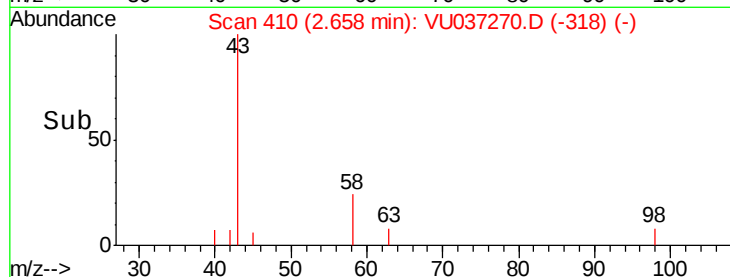
1500

1000

500

0

Time--> 2.60 2.65 2.70



#35

Methylcyclohexane

Concen: 0.732 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU037270.D

Acq: 14 Mar 2020 18:13

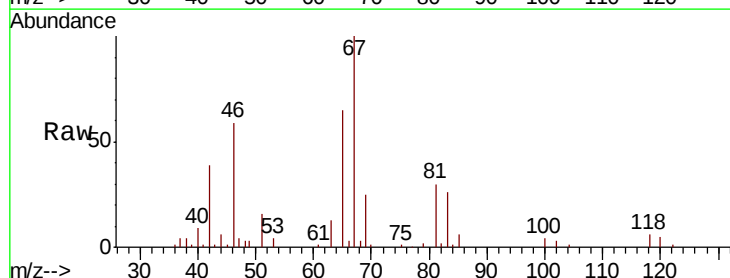
Tgt Ion: 83 Resp: 10945

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): VU037260.D (-1684) (-)

Ion 55.10 (54.80 to 55.80): VU037260.D (-1684) (-)

Ion 98.15 (97.85 to 98.85): VU037260.D (-1684) (-)

6.73

8000

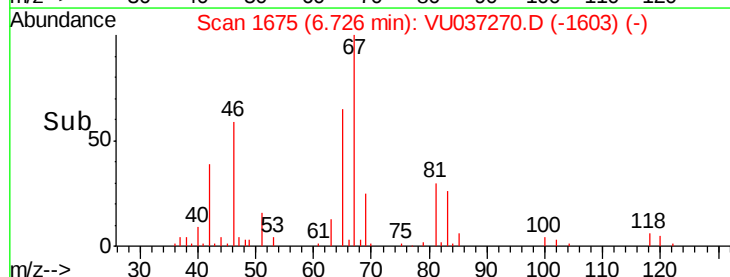
6000

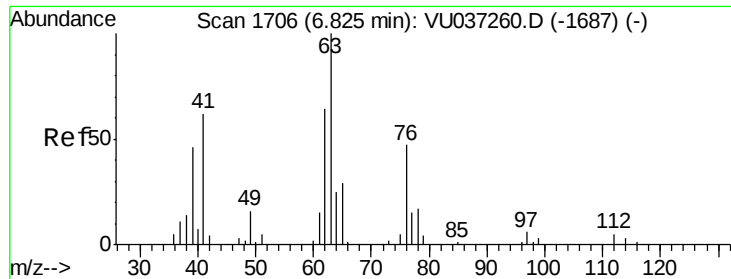
4000

2000

0

Time--> 6.65 6.70 6.75 6.80

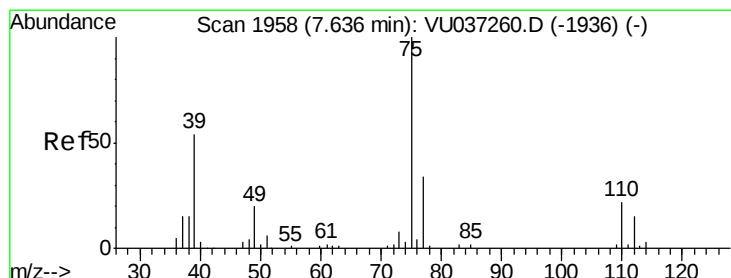
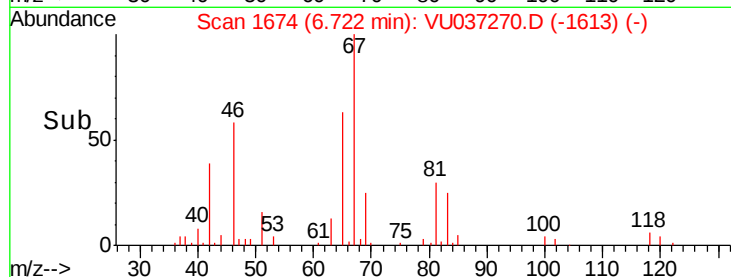
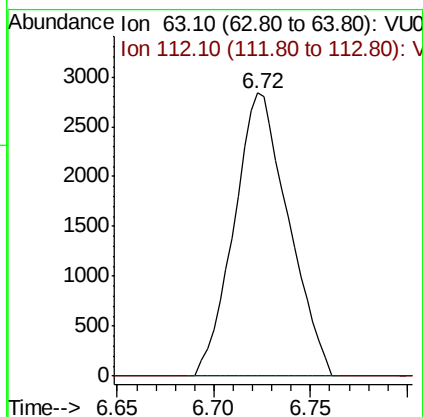
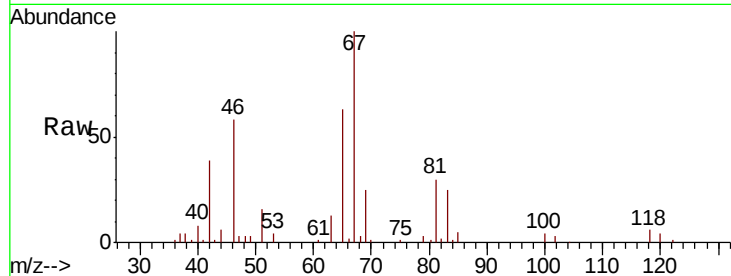




#37
 1,2-Dichloropropane
 Concen: 0.589 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037270.D
 Acq: 14 Mar 2020 18:13

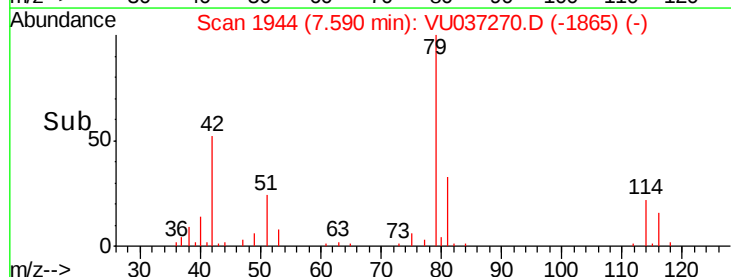
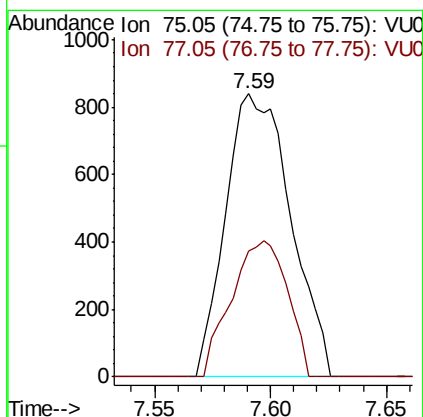
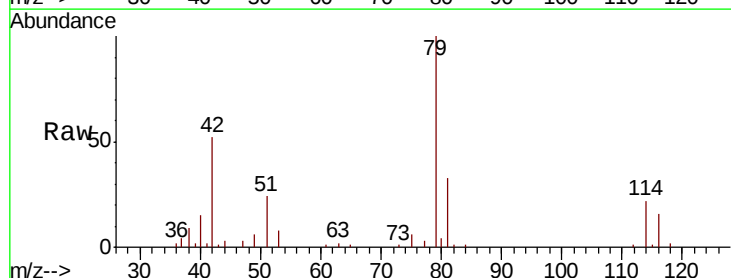
Instrument :
 MSVOA_U
 ClientSampleId :
 CONG1

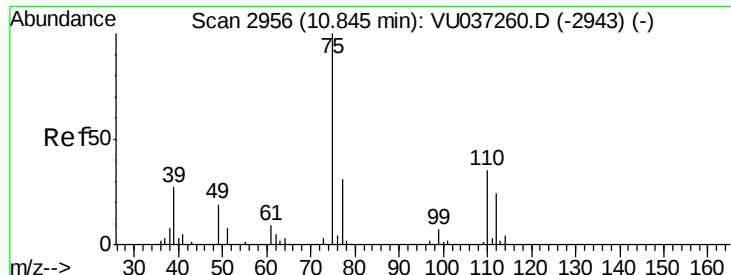
Tot Ion: 63 Resp: 5555
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037270.D
 Acq: 14 Mar 2020 18:13

Tgt Ion: 75 Resp: 1631
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.1 39.1#





#59

1,2,3-Trichloropropane

Concen: 0.952 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037270.D

Acq: 14 Mar 2020 18:13

Instrument :

MSVOA_U

ClientSampleId :

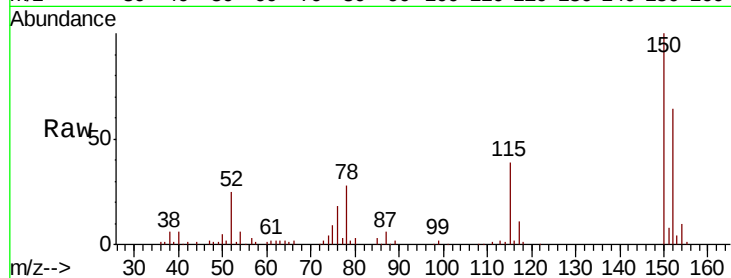
C0NG1

Tot Ion: 75 Resp: 6426

Ion Ratio Lower Upper

75 100

77 38.3 27.4 41.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

