

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031620\
 Data File : VU037303.D
 Acq On : 16 Mar 2020 19:29
 Operator : JC/MD
 Sample : L1923-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 17 01:33:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	123734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29671	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.93	69	29418	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	47462	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.68	46	102994	52.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	5.11	84	73497	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	44894	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.76	84	135231	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.73	67	44020	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	120635	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.20	79	17933	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.66	63	83473	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	36370	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	44112	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

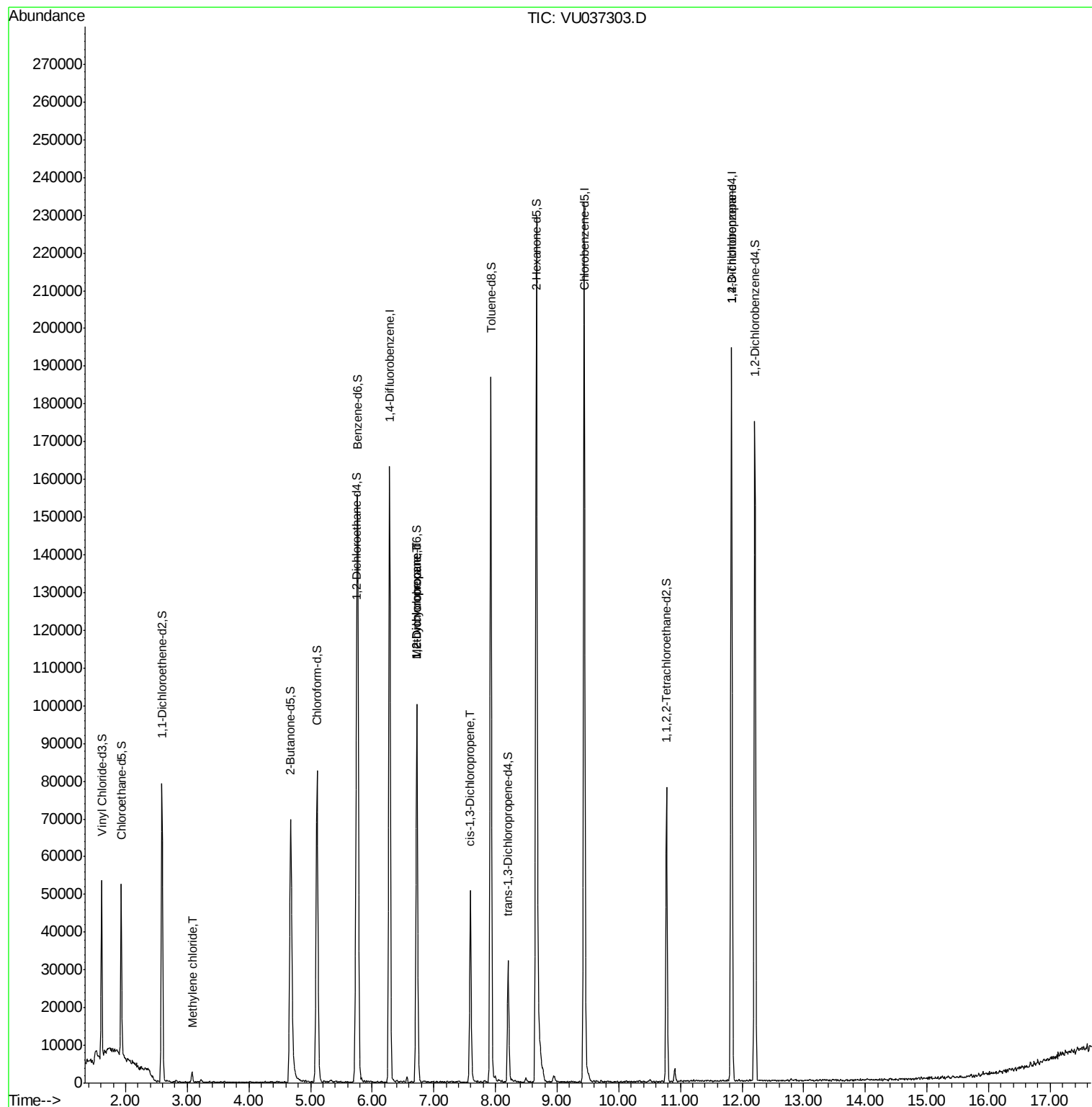
					Ovalue
16) Methylene chloride	3.08	84	1162	0.122 ug/L	95
35) Methylcyclohexane	6.72	83	11042	0.716 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5684	0.576 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1563	0.105 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	7151	1.020 ug/L	92

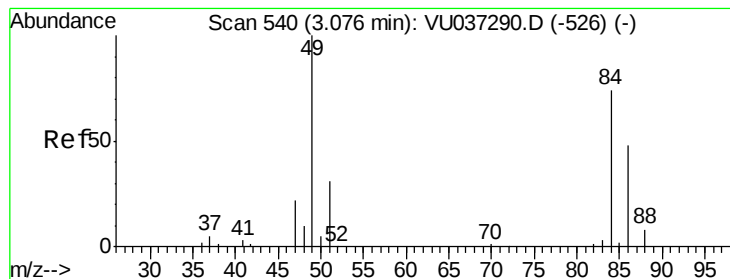
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.122 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037303.D

Acq: 16 Mar 2020 19:29

Instrument :

MSVOA_U

ClientSampled :

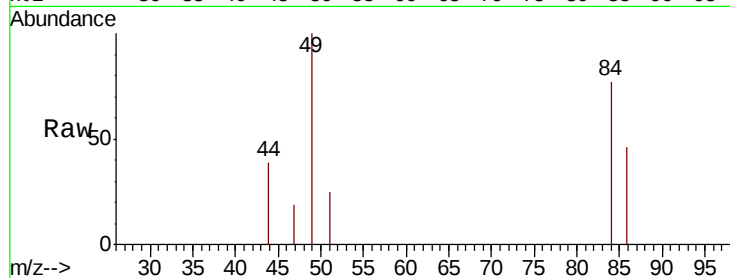
Tot Ion: 84 Resp: 1162

Ion Ratio Lower Upper

84 100

86 60.2 45.2 84.0

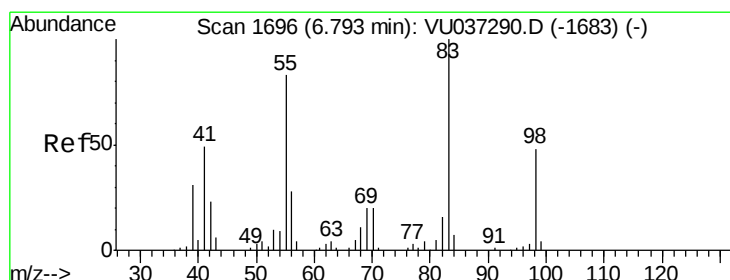
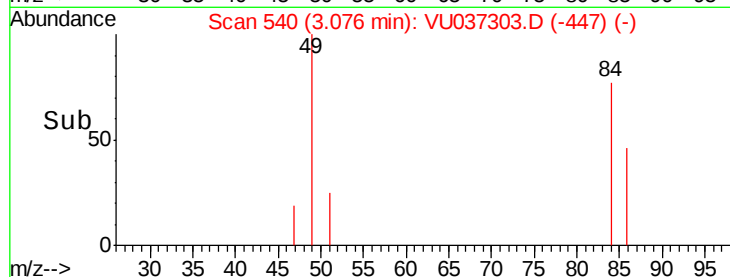
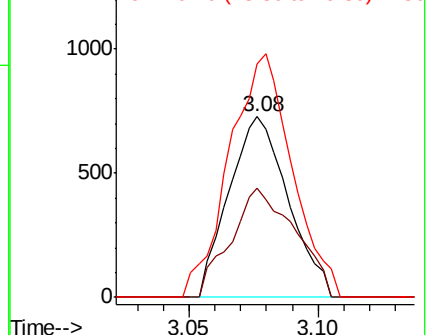
49 129.6 94.4 175.4



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: 0.716 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037303.D

Acq: 16 Mar 2020 19:29

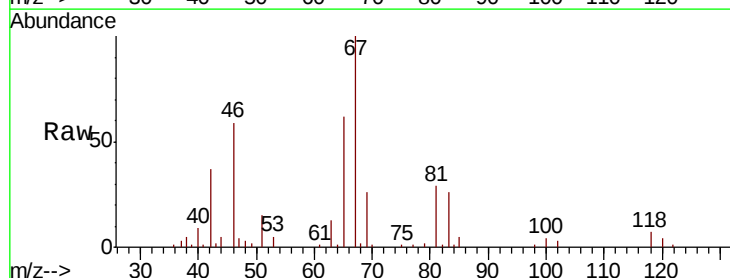
Tgt Ion: 83 Resp: 11042

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.6#

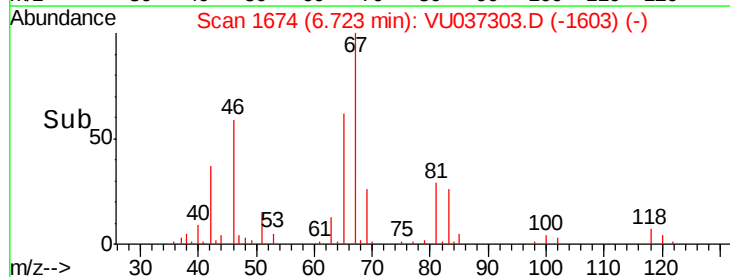
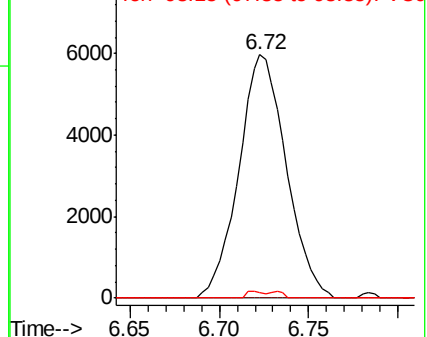
98 1.0 37.4 56.0#

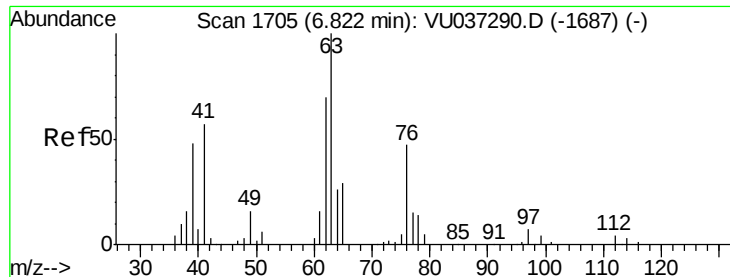


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

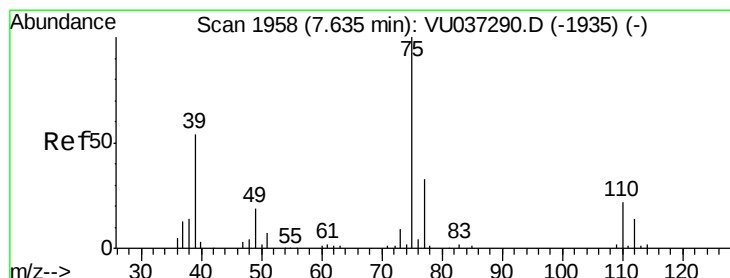
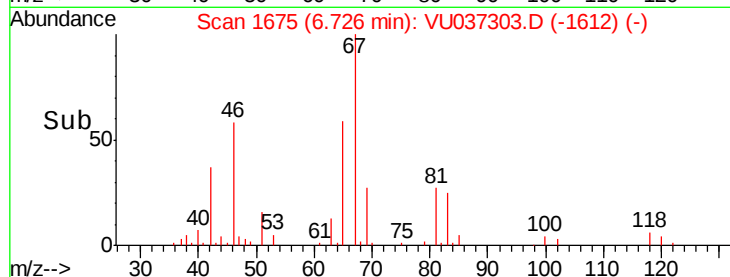
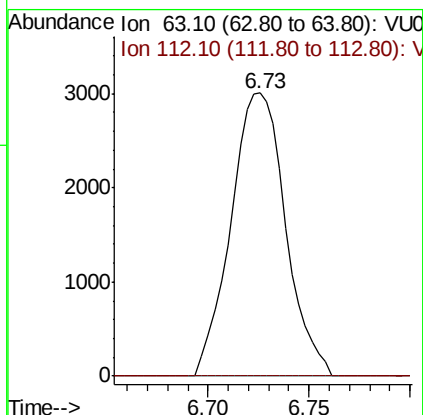
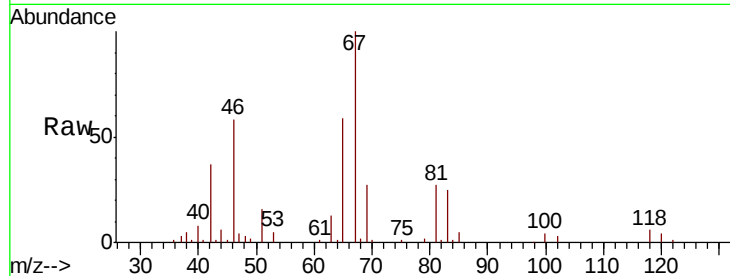




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037303.D
 Acq: 16 Mar 2020 19:29

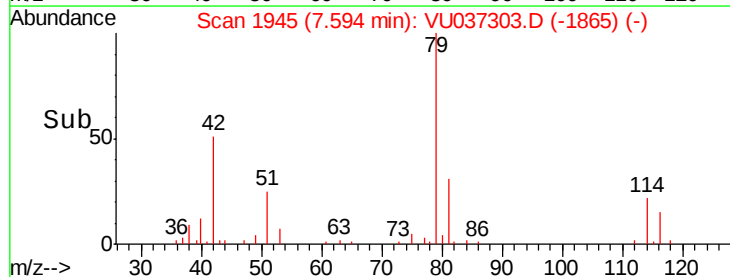
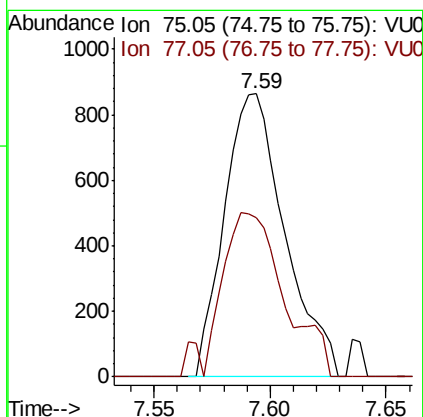
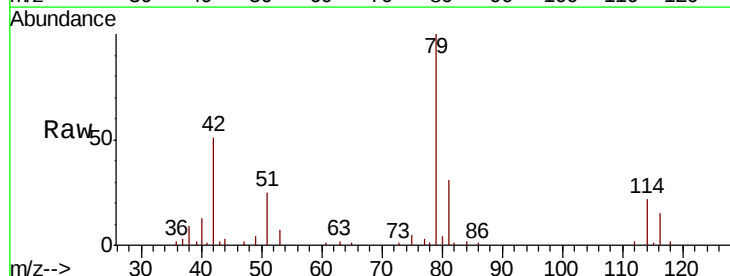
Instrument :
 MSVOA_U
 ClientSampleId :

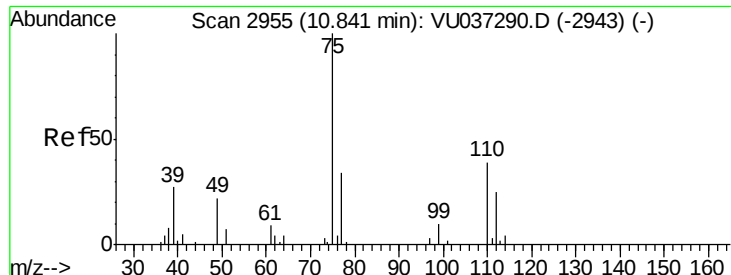
Tot Ion: 63 Resp: 5684
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037303.D
 Acq: 16 Mar 2020 19:29

Tgt Ion: 75 Resp: 1563
 Ion Ratio Lower Upper
 75 100
 77 56.4 23.0 42.8#





#59

1,2,3-Trichloropropane

Concen: 1.020 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037303.D

Acq: 16 Mar 2020 19:29

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7151

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6

