

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037300.D
 Acq On : 16 Mar 2020 18:15
 Operator : JC/MD
 Sample : L1900-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 17 01:36:16 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	6.29	114	125000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123471	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49919	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29273	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.93	69	29618	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.59	63	47337	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.67	46	99034	50.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	5.11	84	72430	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	44252	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.76	84	131576	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	44430	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.92	98	120890	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.20	79	17961	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.66	63	80753	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37016	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	43326	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

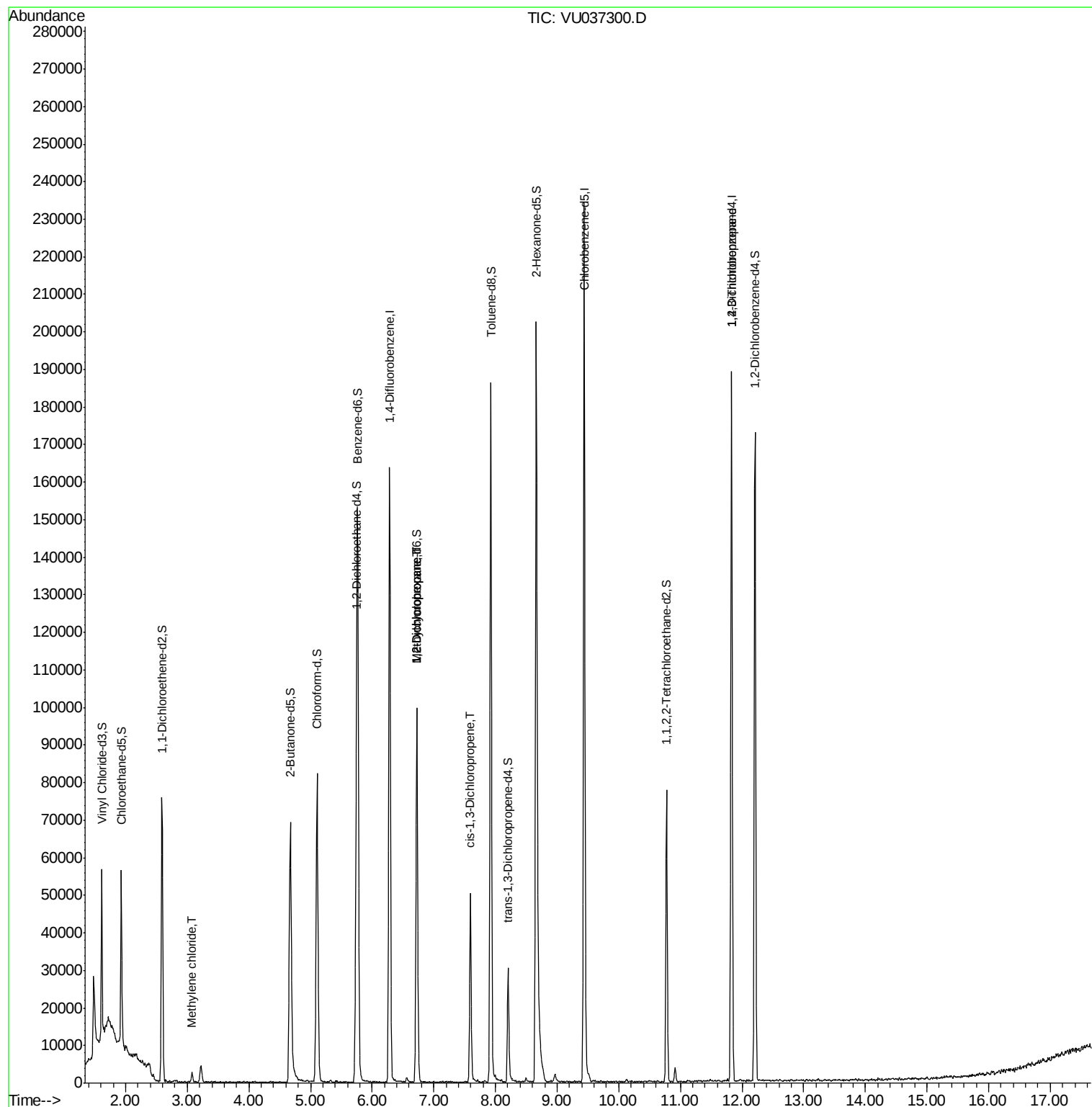
					Ovalue
16) Methylene chloride	3.07	84	1110	0.115 ug/L #	78
35) Methylcyclohexane	6.73	83	10870	0.709 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5297	0.540 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1559	0.106 ug/L	84
59) 1,2,3-Trichloropropane	11.83	75	6589	0.946 ug/L #	84

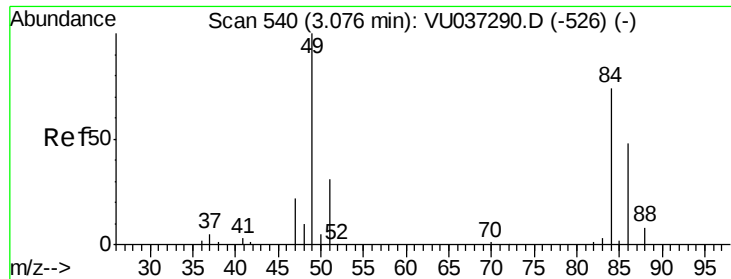
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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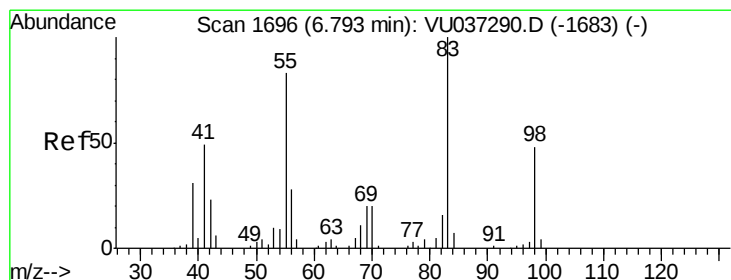
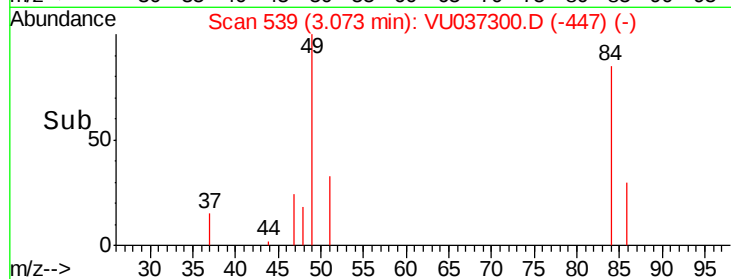
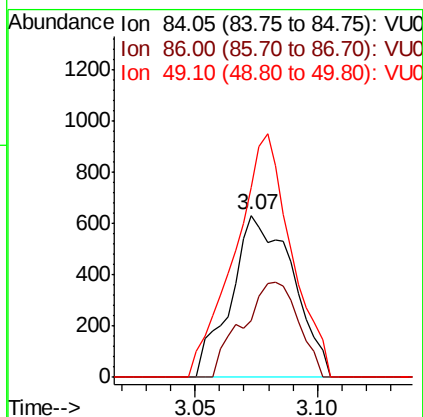
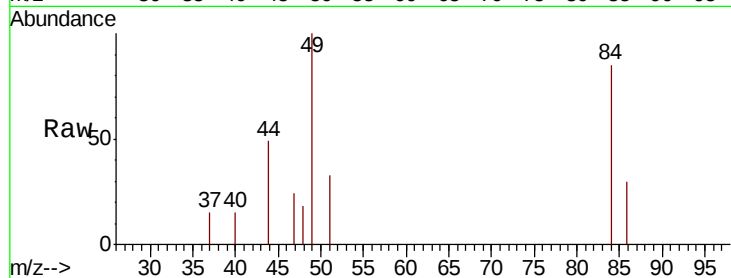




#16
Methvlene chloride
Concen: 0.115 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU037300.D
Acq: 16 Mar 2020 18:15

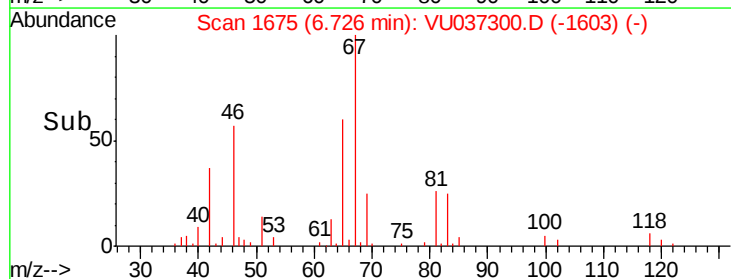
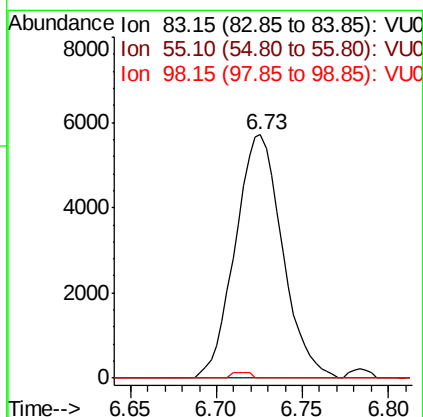
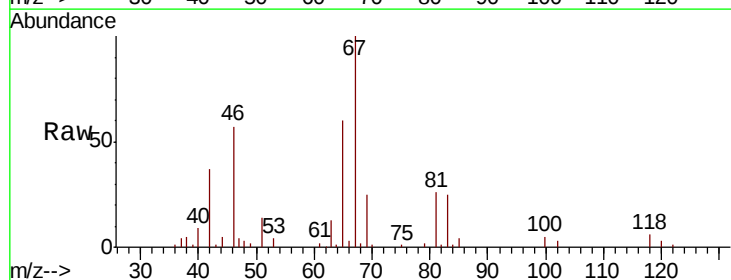
Instrument :
MSVOA_U
ClientSampleId :

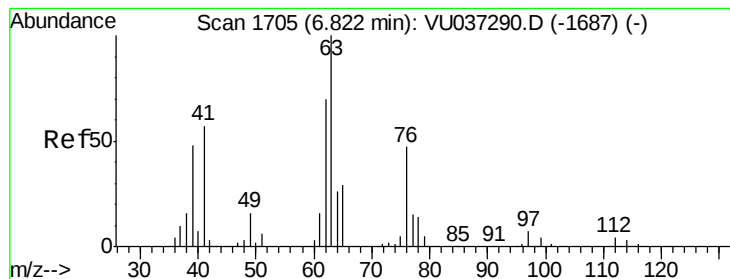
Tot Ion: 84 Resp: 1110
Ion Ratio Lower Upper
84 100
86 34.9 45.2 84.0#
49 117.7 94.4 175.4



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037300.D
Acq: 16 Mar 2020 18:15

Tgt Ion: 83 Resp: 10870
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.9 37.4 56.0#





#37

1,2-Dichloropropane

Concen: 0.540 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037300.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_U

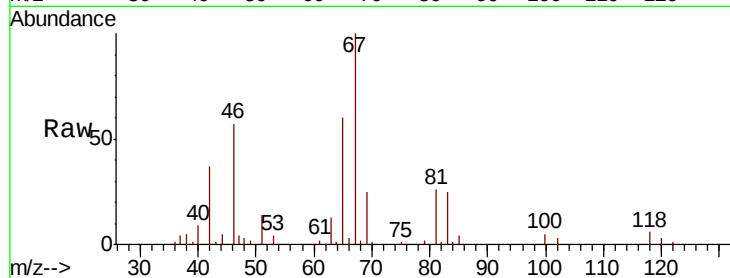
ClientSampleId :

Tot Ion: 63 Resp: 5297

Ion Ratio Lower Upper

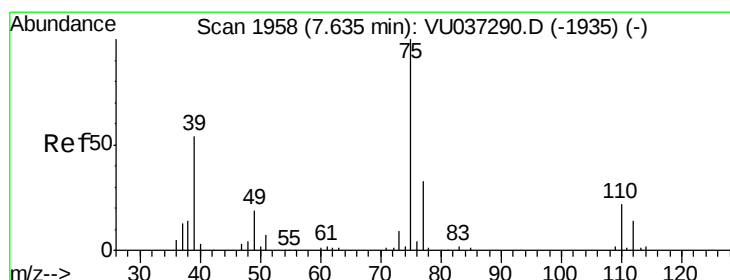
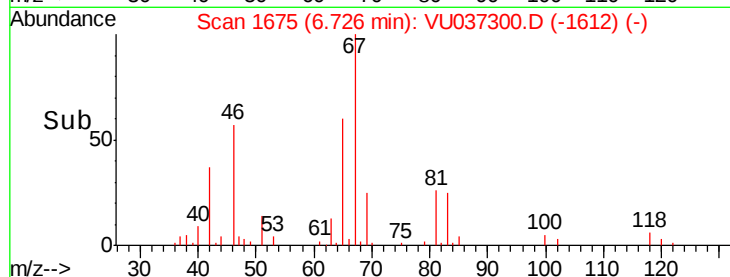
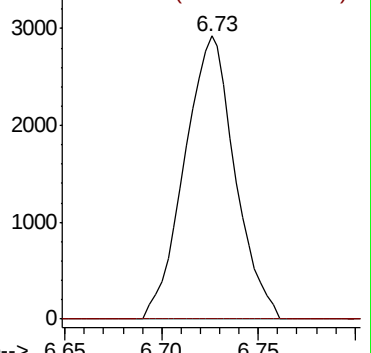
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU037290.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037290.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU037300.D

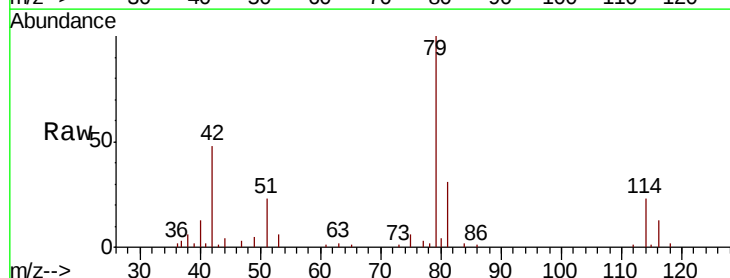
Acq: 16 Mar 2020 18:15

Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

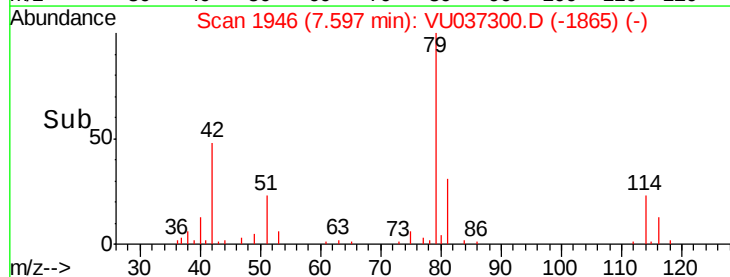
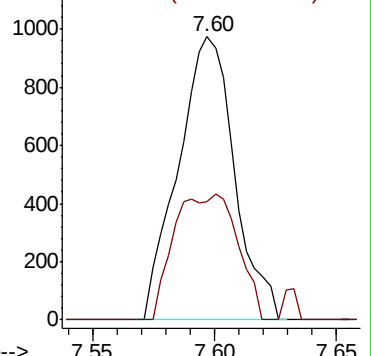
75 100

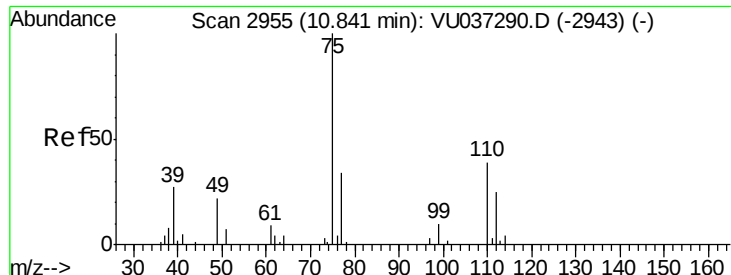
77 41.8 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VU037290.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU037290.D (-1935) (-)





#59

1,2,3-Trichloropropane

Concen: 0.946 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037300.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6589

Ion Ratio Lower Upper

75 100

77 42.1 26.4 39.6#

