

Data File : VU036913.D
Acq On : 26 Feb 2020 14:32
Operator : JC/MD
Sample : L1687-03 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AS3

Quant Time: Feb 27 04:50:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 04:47:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	251463	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	237845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92751	43.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.84%
7) Chloroethane-d5	1.93	69	84507	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.72%
11) 1,1-Dichloroethene-d2	2.59	63	119026	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.32%
21) 2-Butanone-d5	4.67	46	155885	110.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.05%
24) Chloroform-d	5.11	84	158691	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
26) 1,2-Dichloroethane-d4	5.74	65	109315	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
32) Benzene-d6	5.76	84	344511	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
36) 1,2-Dichloropropane-d6	6.73	67	113862	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.20%
41) Toluene-d8	7.92	98	311075	48.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.50%
43) trans-1,3-Dichloropropene-	8.20	79	48600	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.66	63	118054	108.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.35%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160228	51.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	92765	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

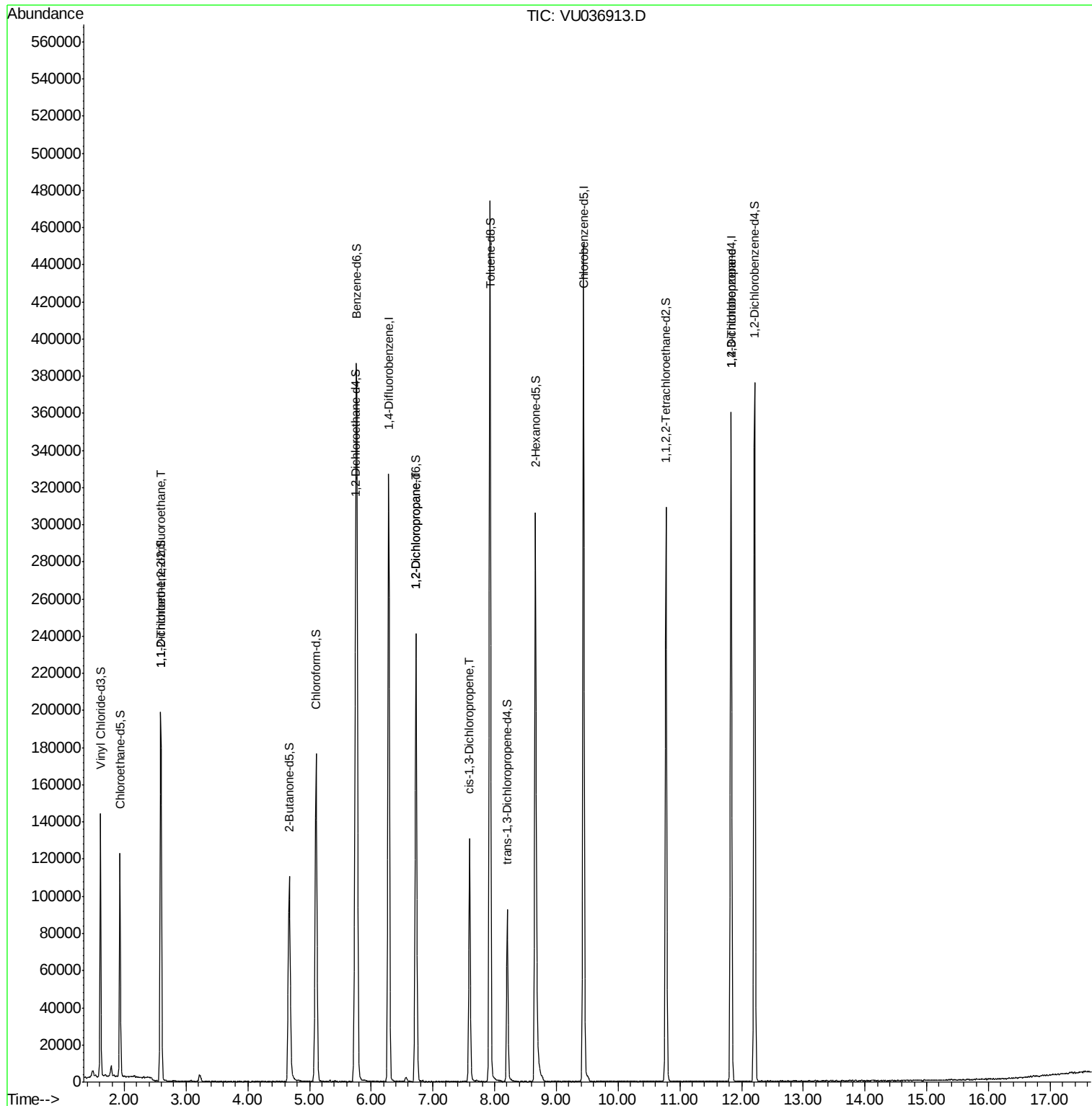
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1150	0.716 ug/L #	23
37) 1,2-Dichloropropane	6.73	63	12256	6.058 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3182	1.021 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	13835	5.316 ug/L	98

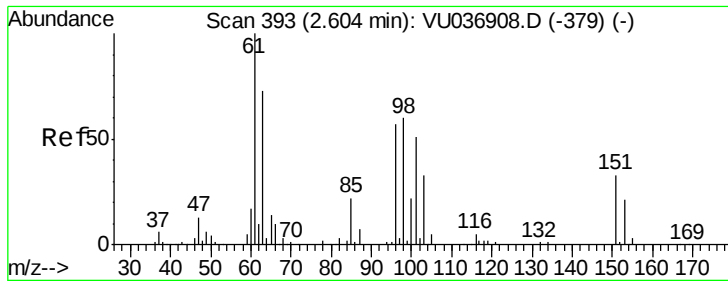
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.716 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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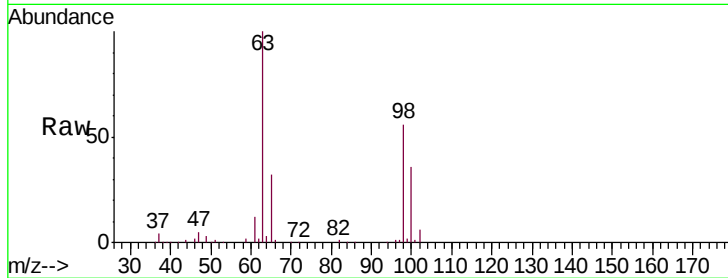
Tgt Ion: 101 Resp: 1150

Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

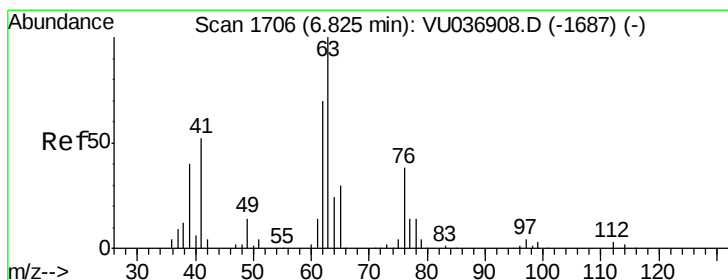
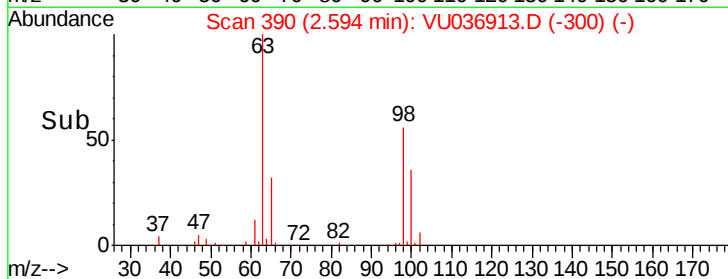
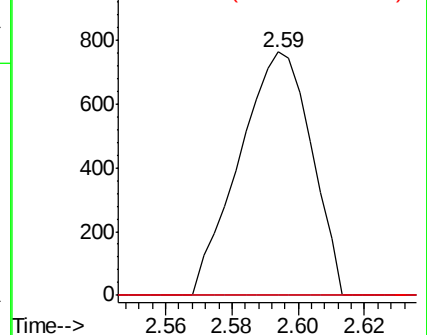
151 0.0 52.4 78.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 6.058 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

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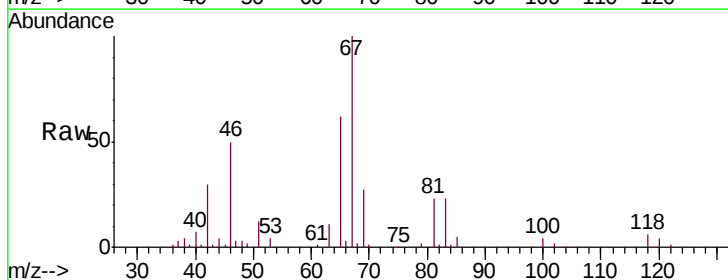
Acq: 26 Feb 2020 14:32

Tgt Ion: 63 Resp: 12256

Ion Ratio Lower Upper

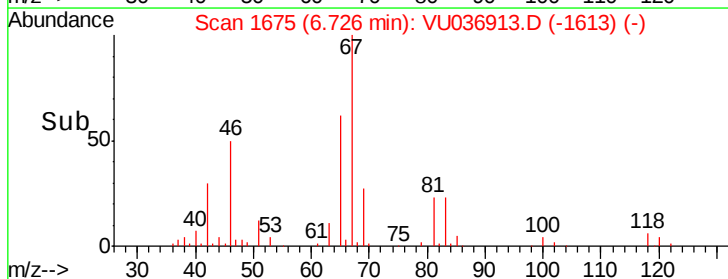
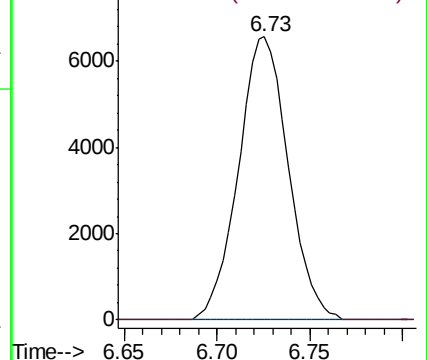
63 100

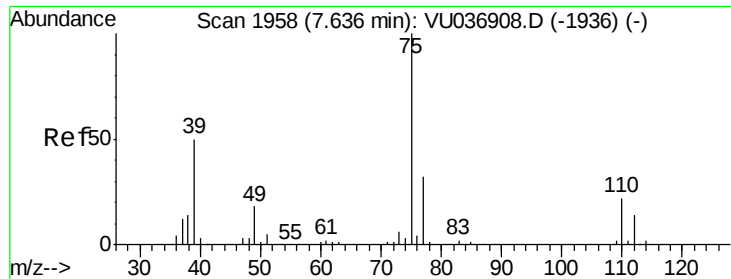
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

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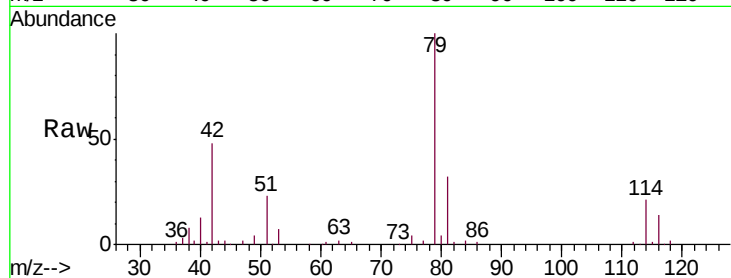
C0AS3

Tgt Ion: 75 Resp: 3182

Ion Ratio Lower Upper

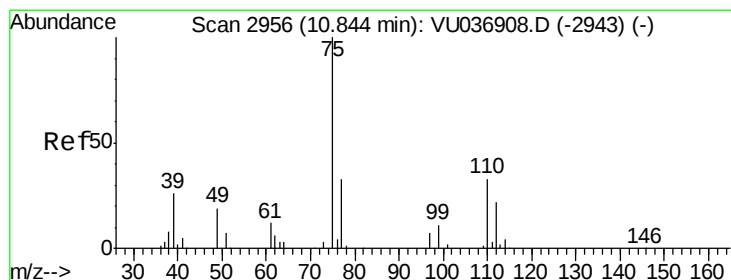
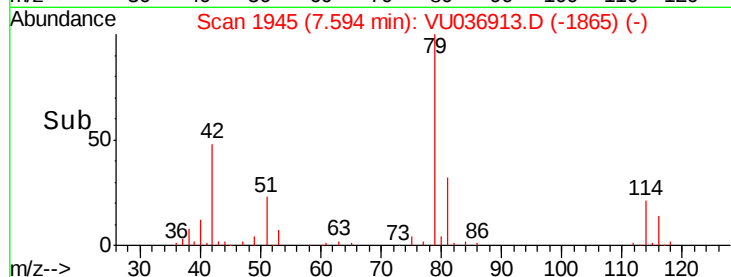
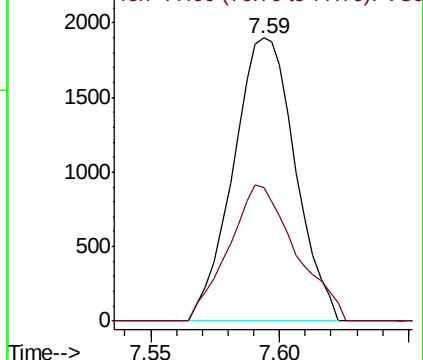
75 100

77 47.0 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 5.316 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

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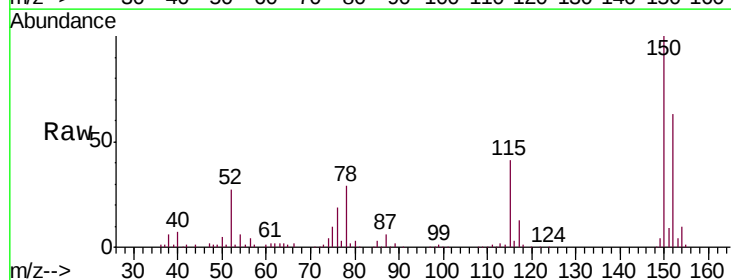
Acq: 26 Feb 2020 14:32

Tgt Ion: 75 Resp: 13835

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

