

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U031220\
 Data File : VU037213.D
 Acq On : 13 Mar 2020 00:58
 Operator : JC/MD
 Sample : L1886-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 08:28:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	389956	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	380199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161742	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136343	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.93	69	113664	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.42%
11) 1,1-Dichloroethene-d2	2.59	63	195060	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	4.67	46	249249	104.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.36%
24) Chloroform-d	5.11	84	280125	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.74	65	213495	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.76	84	510774	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	171056	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.92	98	476942	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	8.20	79	85224	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.66	63	174629	98.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	252560	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	12.21	152	179501	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

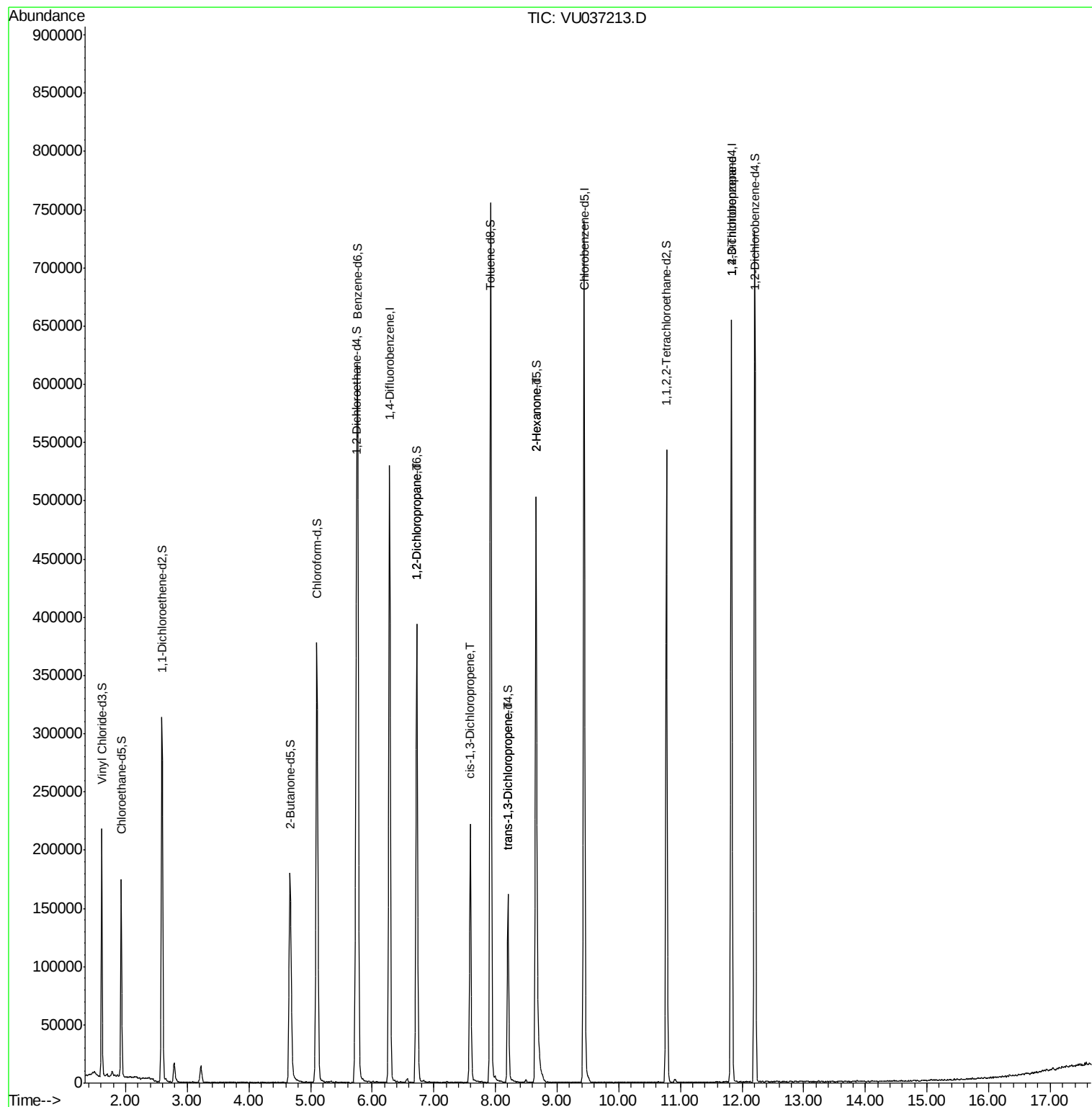
				Ovalue
37) 1,2-Dichloropropane	6.72	63	21613	6.785 ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	6359	1.287 ug/L # 69
44) trans-1,3-Dichloropropene	8.20	75	5113	1.096 ug/L # 92
48) 2-Hexanone	8.66	43	23234	5.686 ug/L # 71
59) 1,2,3-Trichloropropane	11.83	75	23042	5.204 ug/L # 91

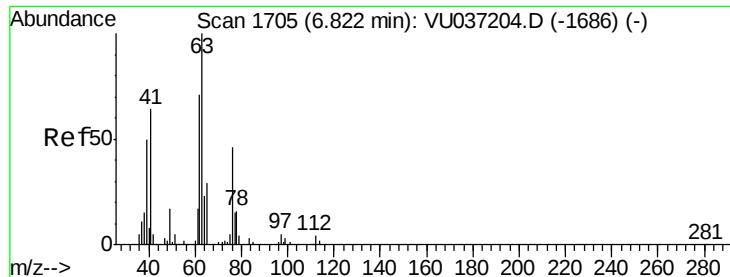
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 6.785 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037213.D

Acq: 13 Mar 2020 00:58

Instrument :

MSVOA_U

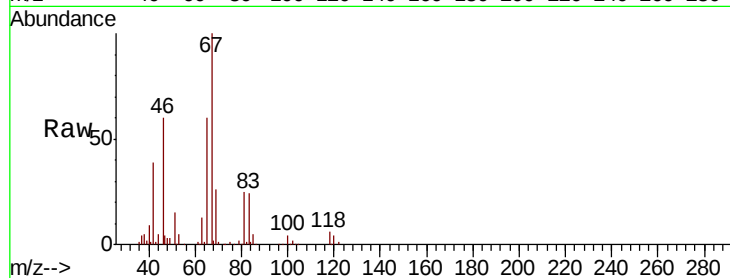
ClientSampleId :

Tot Ion: 63 Resp: 21613

Ion Ratio Lower Upper

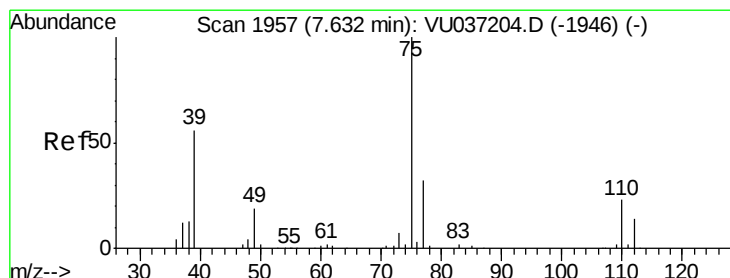
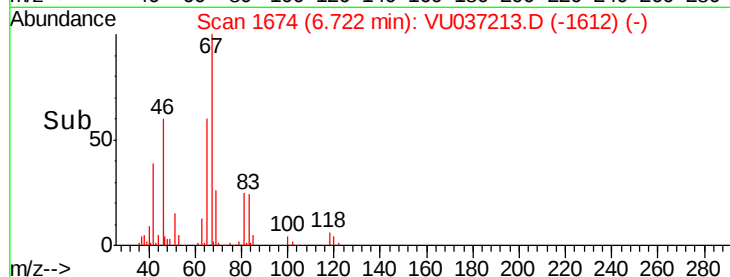
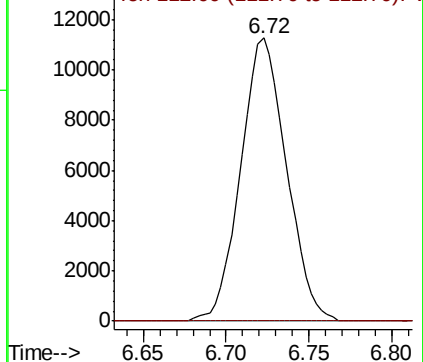
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU037213.D (-1674) (-)

Ion 112.00 (111.70 to 112.70): VU037213.D (-1674) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.287 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037213.D

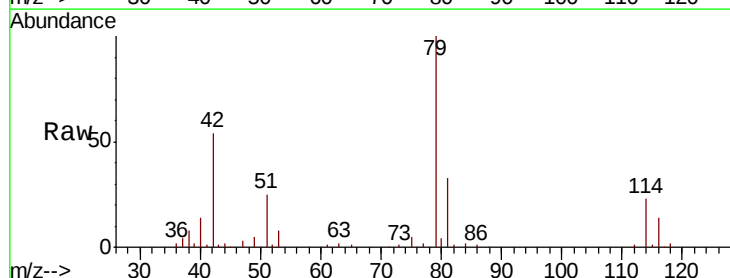
Acq: 13 Mar 2020 00:58

Tgt Ion: 75 Resp: 6359

Ion Ratio Lower Upper

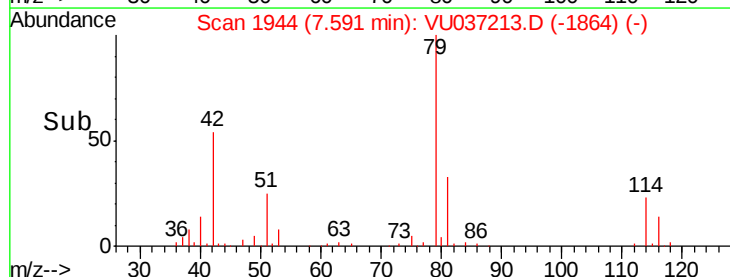
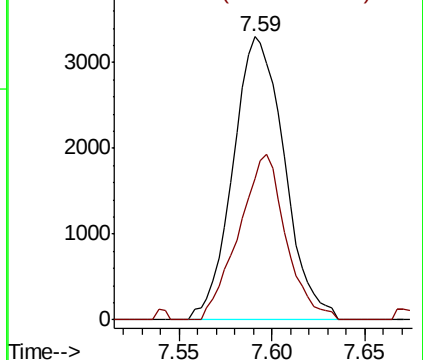
75 100

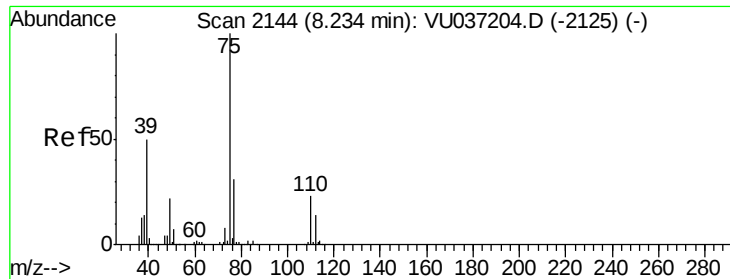
77 49.8 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037213.D (-1864) (-)

Ion 77.00 (76.70 to 77.70): VU037213.D (-1864) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.096 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037213.D

Acq: 13 Mar 2020 00:58

Instrument :

MSVOA_U

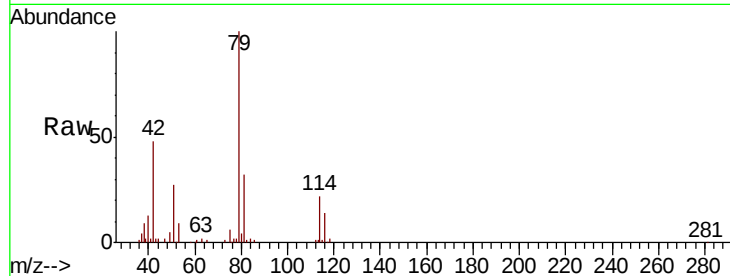
ClientSampleId :

Tot Ion: 75 Resp: 5113

Ion Ratio Lower Upper

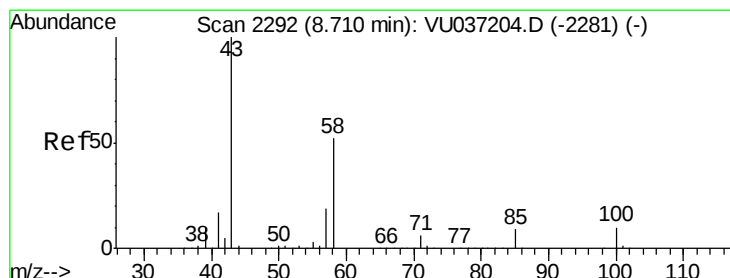
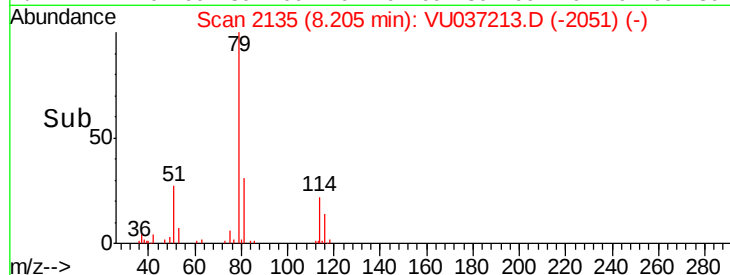
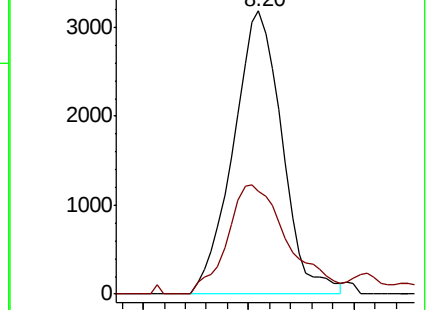
75 100

77 36.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037213.D (-2135) (-)

Ion 77.00 (76.70 to 77.70): VU037213.D (-2135) (-)



#48

2-Hexanone

Concen: 5.686 ug/L

RT: 8.66 min Scan# 2276

Delta R.T. -0.05 min

Lab File: VU037213.D

Acq: 13 Mar 2020 00:58

Tgt Ion: 43 Resp: 23234

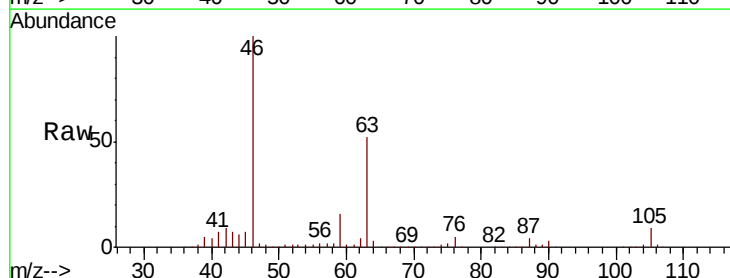
Ion Ratio Lower Upper

43 100

58 28.5 39.8 59.6#

57 28.9 14.5 21.7#

100 0.4 7.9 11.9#

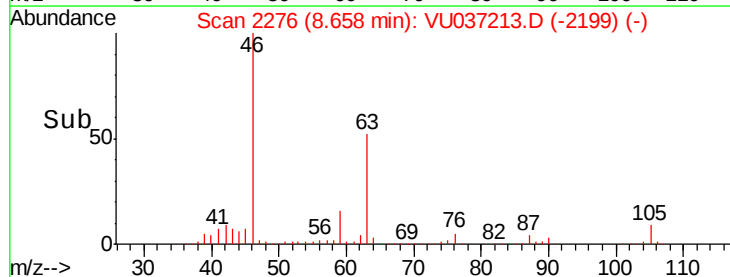
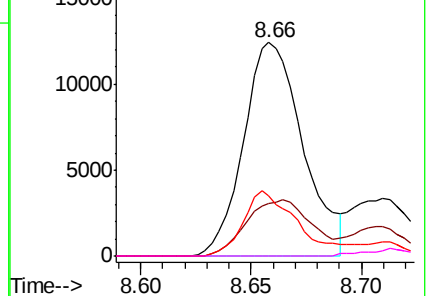


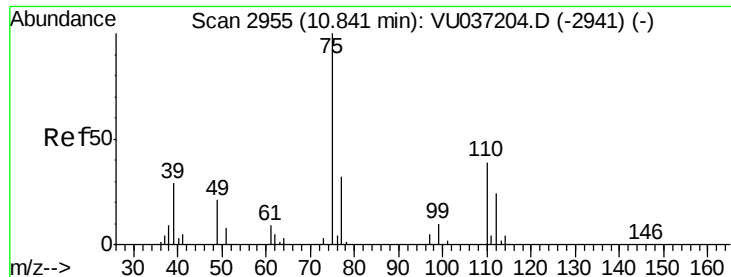
Abundance Ion 43.00 (42.70 to 43.70): VU037213.D (-2276) (-)

Ion 58.00 (57.70 to 58.70): VU037213.D (-2276) (-)

Ion 57.00 (56.70 to 57.70): VU037213.D (-2276) (-)

Ion 100.00 (99.70 to 100.70): VU037213.D (-2276) (-)





#59

1,2,3-Trichloropropane

Concen: 5.204 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037213.D

Acq: 13 Mar 2020 00:58

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 23042

Ion Ratio Lower Upper

75 100

77 36.0 25.0 37.6

