

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037214.D
 Acq On : 13 Mar 2020 01:21
 Operator : JC/MD
 Sample : L1886-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 08:31:16 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	393435	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	387746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134682	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.46%
7) Chloroethane-d5	1.93	69	117177	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.46%
11) 1,1-Dichloroethene-d2	2.59	63	196693	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.42%
21) 2-Butanone-d5	4.67	46	254178	105.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.10	84	277743	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.74	65	210820	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
32) Benzene-d6	5.76	84	513945	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.72	67	170959	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.86%
41) Toluene-d8	7.92	98	474103	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%
43) trans-1,3-Dichloropropene-	8.20	79	87148	45.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.64%
47) 2-Hexanone-d5	8.66	63	178504	98.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	254585	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	178619	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%

Target Compounds

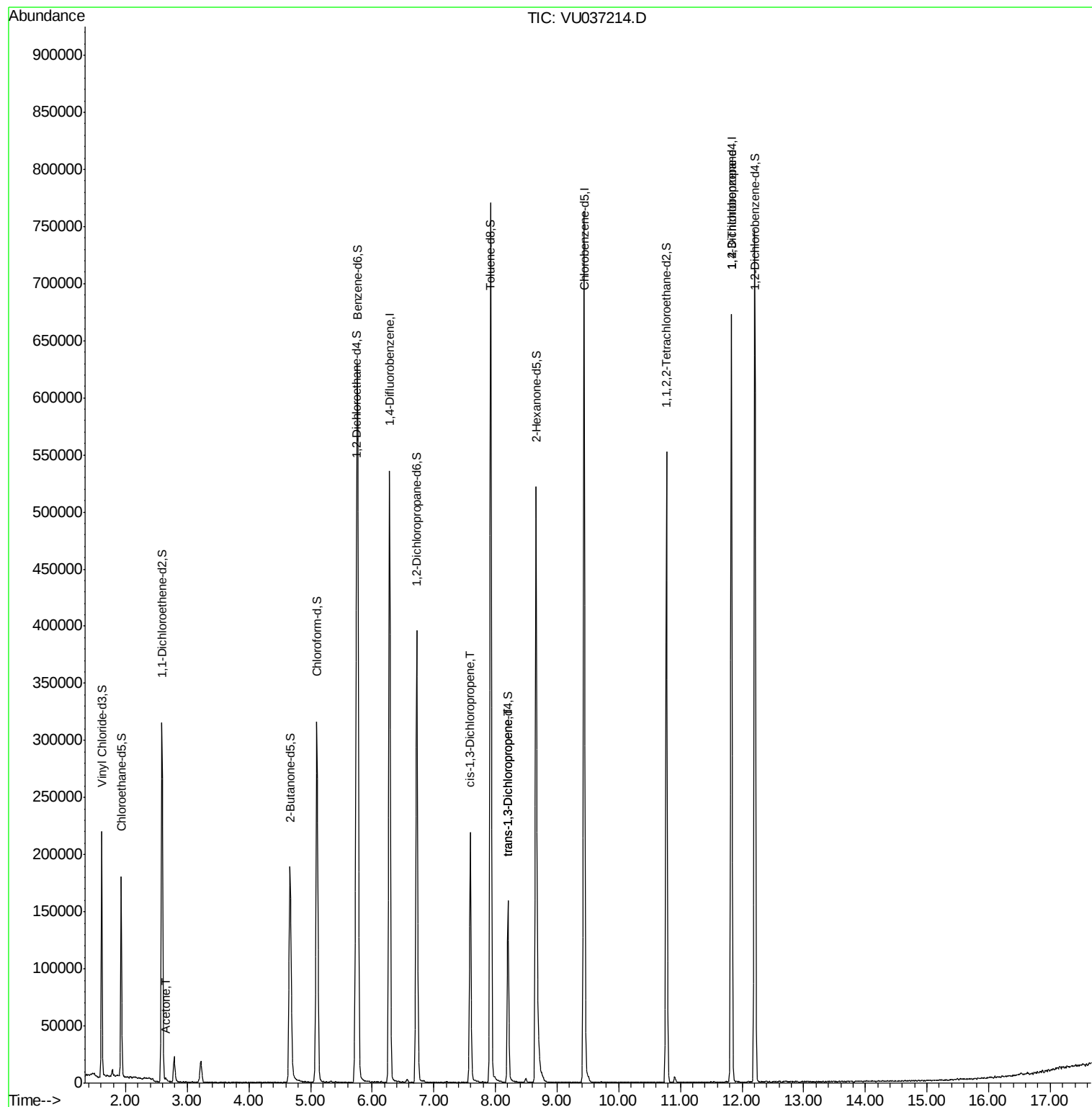
					Ovalue
13) Acetone	2.66	43	3706	1.621 ug/L	83
39) cis-1,3-Dichloropropene	7.59	75	6692	1.329 ug/L #	79
44) trans-1,3-Dichloropropene	8.20	75	5144	1.082 ug/L	90
59) 1,2,3-Trichloropropane	11.83	75	22233	4.923 ug/L #	81

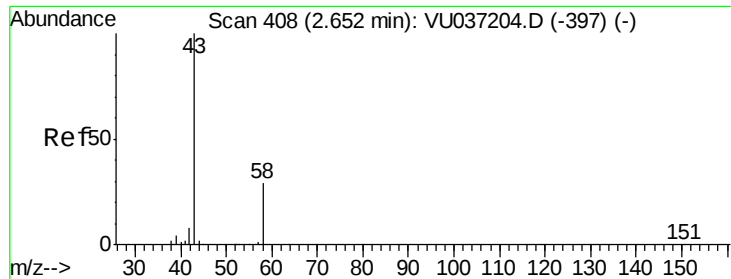
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.621 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037214.D

Acq: 13 Mar 2020 01:21

Instrument :

MSVOA_U

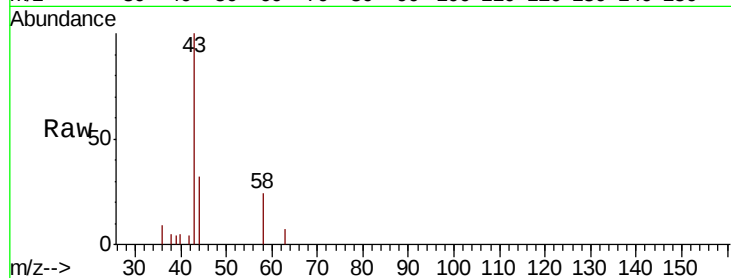
ClientSampled :

Tot Ion: 43 Resp: 3706

Ion Ratio Lower Upper

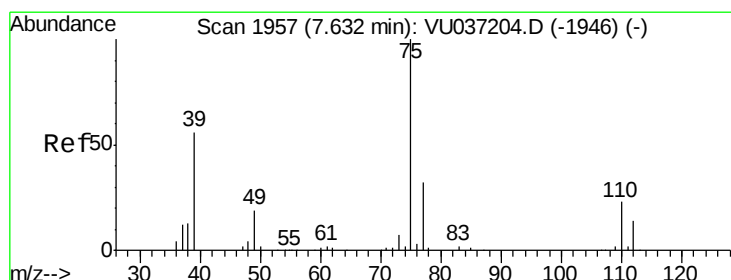
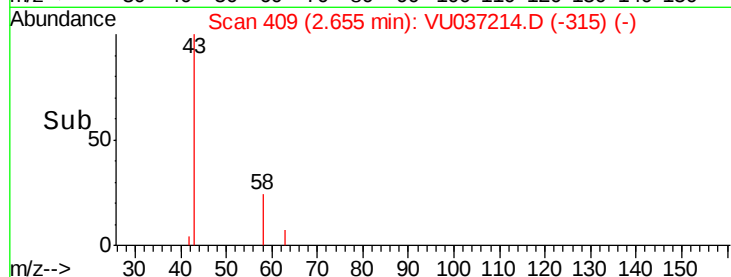
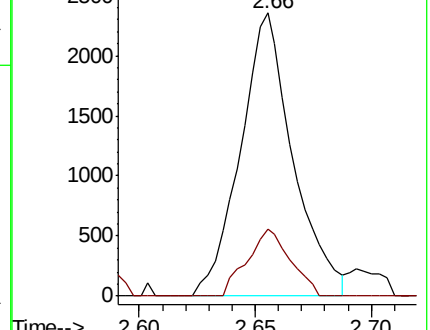
43 100

58 19.3 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VU037214.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037214.D (-397) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.329 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037214.D

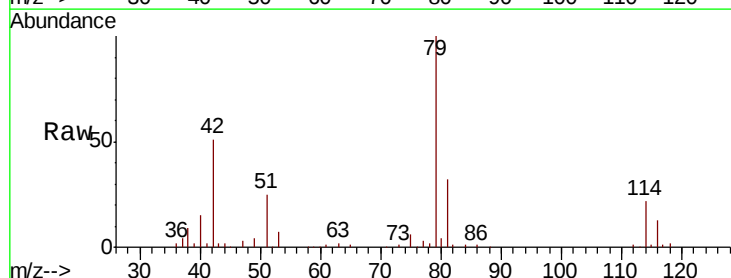
Acq: 13 Mar 2020 01:21

Tgt Ion: 75 Resp: 6692

Ion Ratio Lower Upper

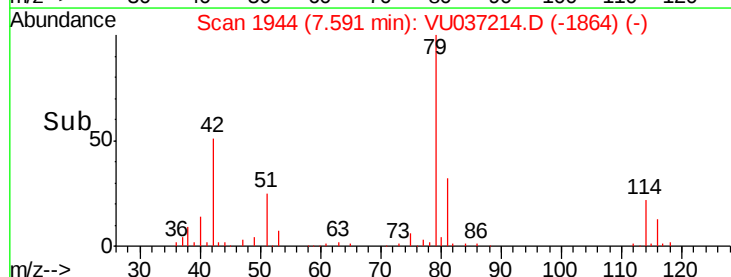
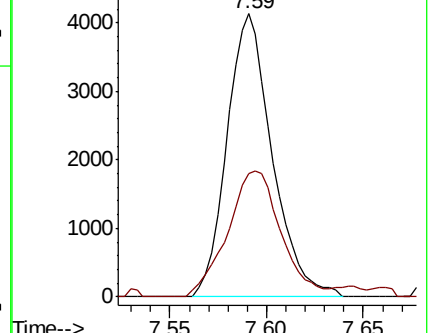
75 100

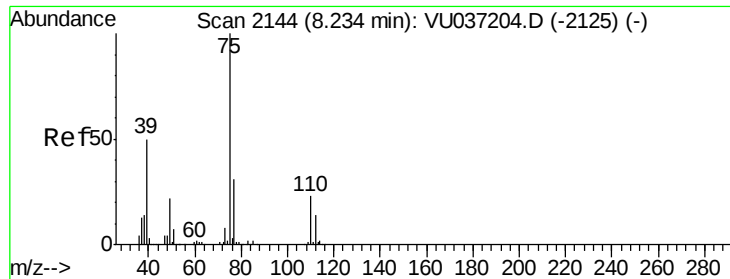
77 43.7 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU037214.D (-1864) (-)

Ion 77.00 (76.70 to 77.70): VU037214.D (-1864) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.082 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

Lab File: VU037214.D

Acq: 13 Mar 2020 01:21

Instrument :

MSVOA_U

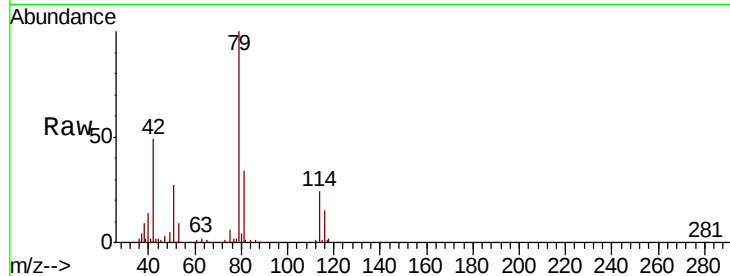
ClientSampleId :

Tot Ion: 75 Resp: 5144

Ion Ratio Lower Upper

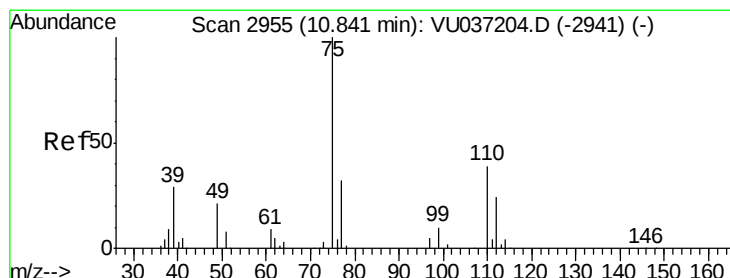
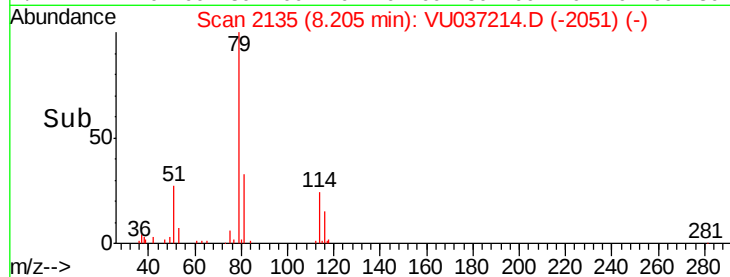
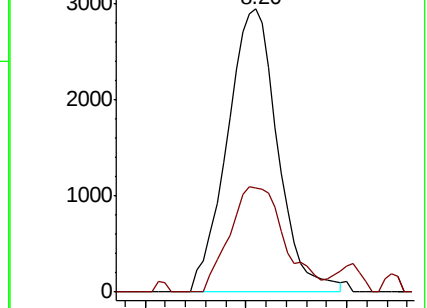
75 100

77 37.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-2125) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-2125) (-)



#59

1,2,3-Trichloropropane

Concen: 4.923 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037214.D

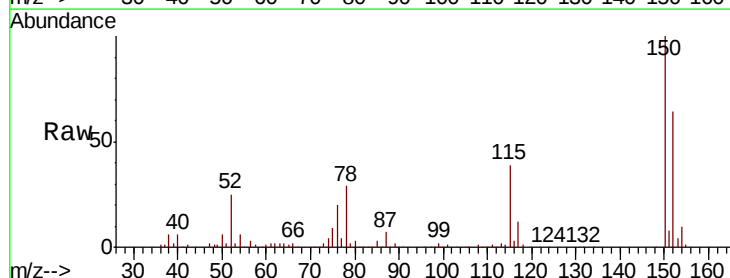
Acq: 13 Mar 2020 01:21

Tgt Ion: 75 Resp: 22233

Ion Ratio Lower Upper

75 100

77 41.5 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU037204.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU037204.D (-2941) (-)

