

Data File : VU036983.D
Acq On : 28 Feb 2020 19:17
Operator : JC/MD
Sample : L1729-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW3

Quant Time: Feb 29 00:36:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 29 00:30:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243489	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	234835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	81626	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.84%
7) Chloroethane-d5	1.93	69	76027	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.59	63	108821	31.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.56%
21) 2-Butanone-d5	4.67	46	150024	109.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	5.11	84	148407	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
26) 1,2-Dichloroethane-d4	5.74	65	102614	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
32) Benzene-d6	5.76	84	323225	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.72	67	106168	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.93	98	290930	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	8.20	79	45375	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.66	63	105314	97.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	152326	49.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.22%
64) 1,2-Dichlorobenzene-d4	12.21	152	89472	53.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.04%

Target Compounds

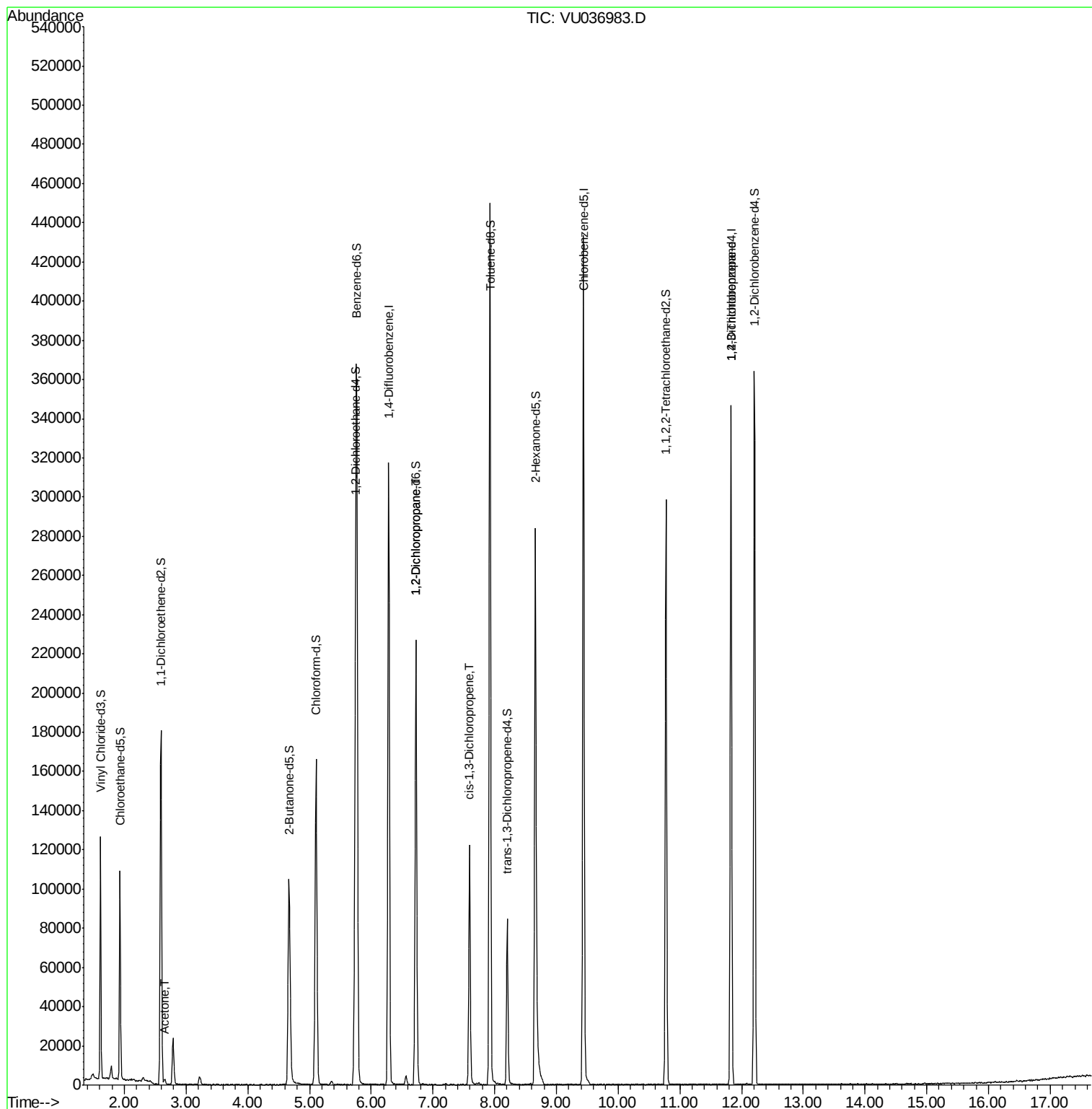
					Qvalue
13) Acetone	2.66	43	2756	1.953 ug/L	96
37) 1,2-Dichloropropane	6.72	63	11856	5.935 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2886	0.938 ug/L #	63
59) 1,2,3-Trichloropropane	11.83	75	12863	5.006 ug/L	91

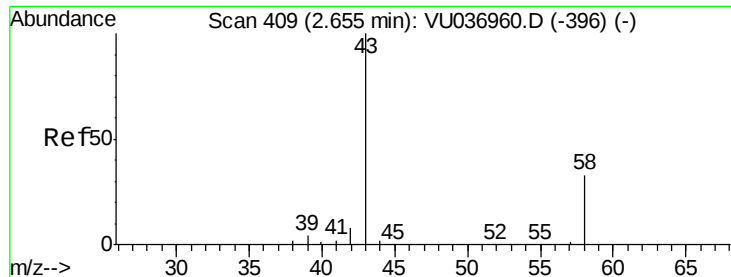
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.953 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

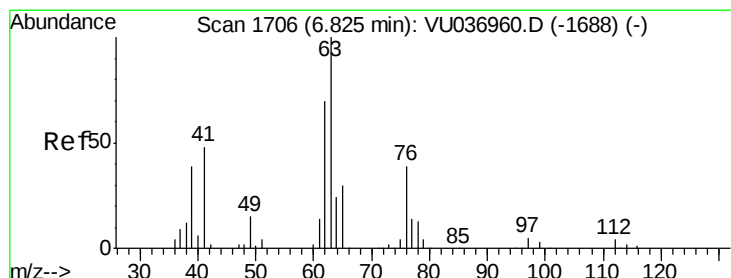
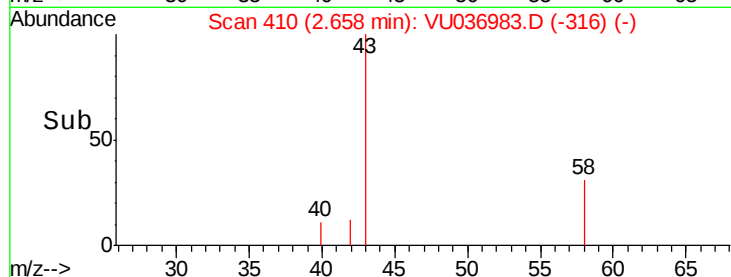
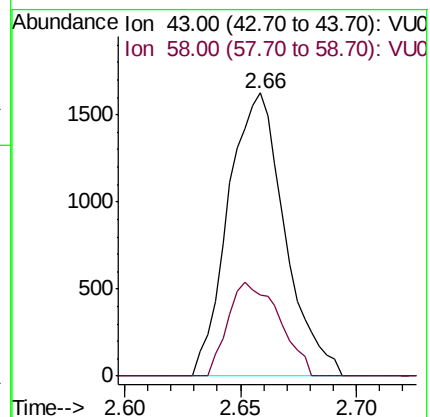
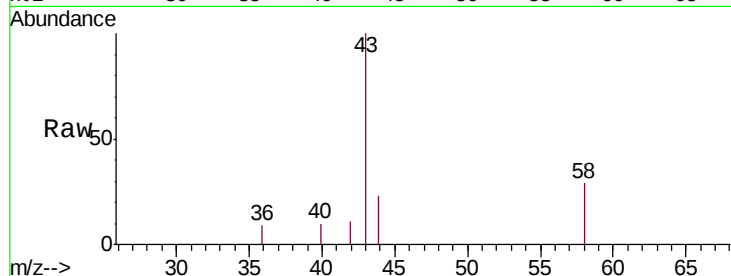
C0AW3

Tgt Ion: 43 Resp: 2756

Ion Ratio Lower Upper

43 100

58 30.2 0.0 64.6



#37

1,2-Dichloropropane

Concen: 5.935 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

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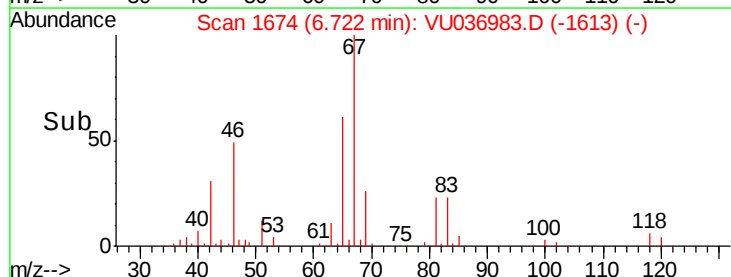
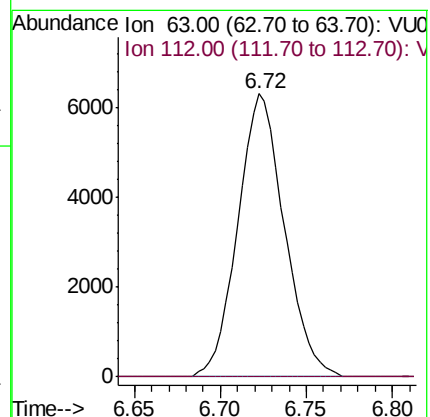
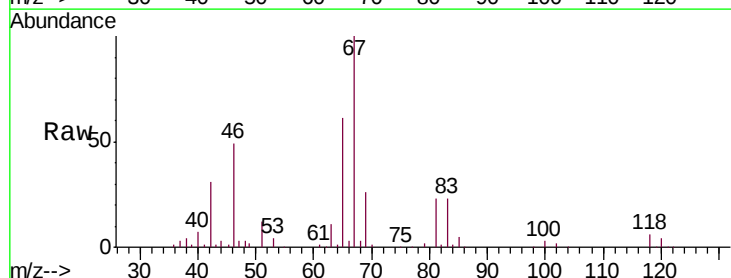
Acq: 28 Feb 2020 19:17

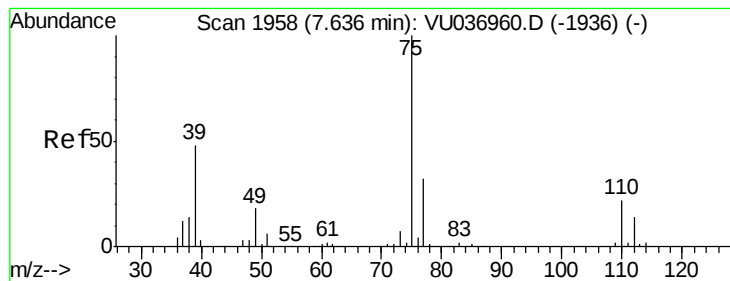
Tgt Ion: 63 Resp: 11856

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

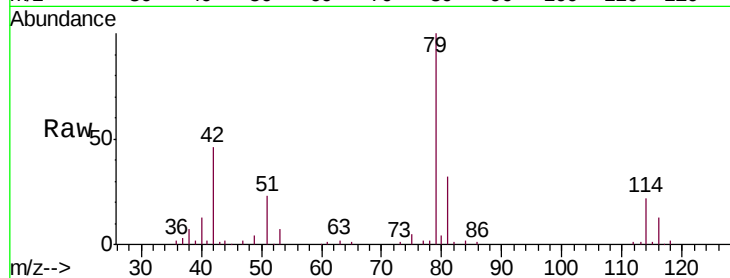
C0AW3

Tgt Ion: 75 Resp: 2886

Ion Ratio Lower Upper

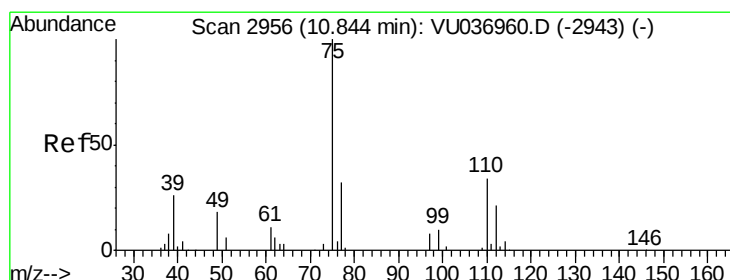
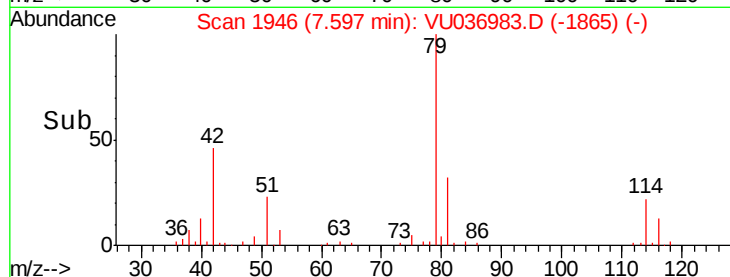
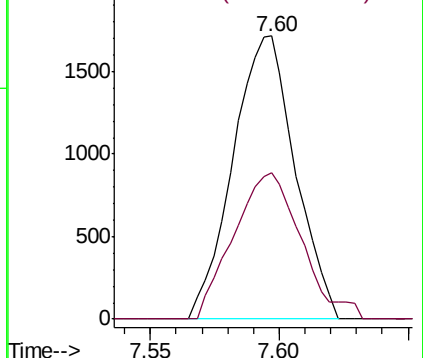
75 100

77 51.9 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VU036960.D (-1936) (-)

Ion 77.00 (76.70 to 77.70): VU036960.D (-1936) (-)



#59

1,2,3-Trichloropropane

Concen: 5.006 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

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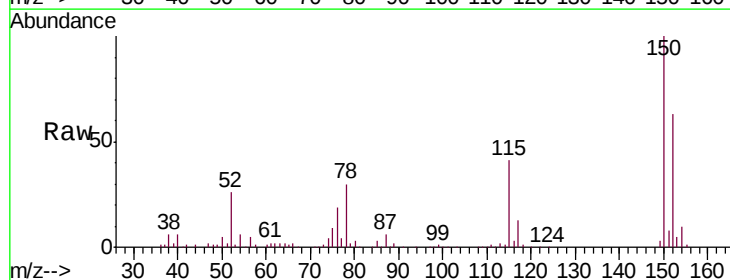
Acq: 28 Feb 2020 19:17

Tgt Ion: 75 Resp: 12863

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036960.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036960.D (-2943) (-)

