

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100719\
 Data File : VU034975.D
 Acq On : 07 Oct 2019 21:27
 Operator : JC/SP
 Sample : K5219-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RD-8-001-01

Quant Time: Oct 09 05:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 03:56:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	184673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	49919	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	47863	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	74266	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.17	46	155745	48.45	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.62	84	97378	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.29	65	59432	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.32	84	213225	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.31	67	73625	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.54	98	194327	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.84	79	21218	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.30	63	112384	45.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	60241	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	67368	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

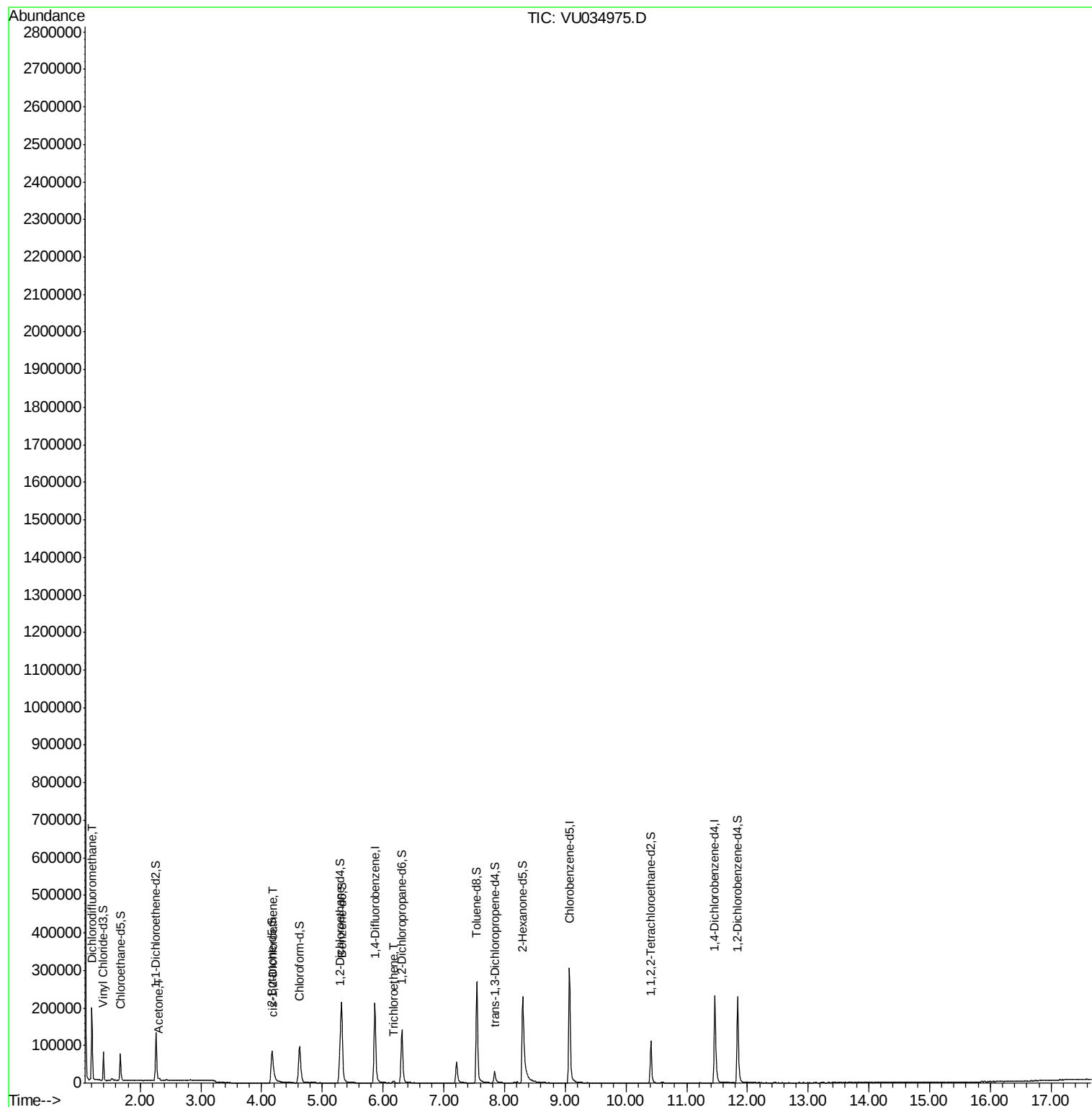
					Ovalue
2) Dichlorodifluoromethane	1.21	85	2526	0.150 ug/L	100
13) Acetone	2.31	43	5659	2.149 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	2233	0.158 ug/L	88
34) Trichloroethene	6.17	95	2000	0.139 ug/L	92

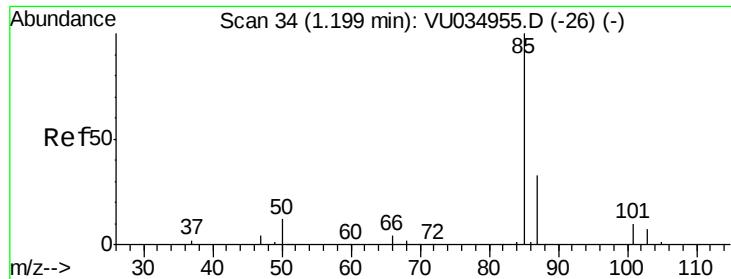
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.150 ug/L

RT: 1.21 min Scan# 36

Delta R.T. 0.01 min

Lab File: VU034975.D

Acq: 07 Oct 2019 21:27

Instrument :

MSVOA_U

ClientSampleId :

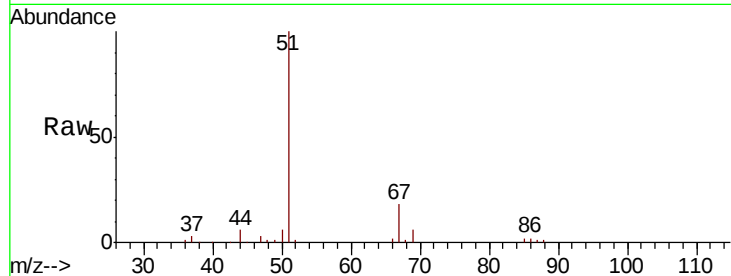
RD-8-001-01

Tot Ion: 85 Resp: 2526

Ion Ratio Lower Upper

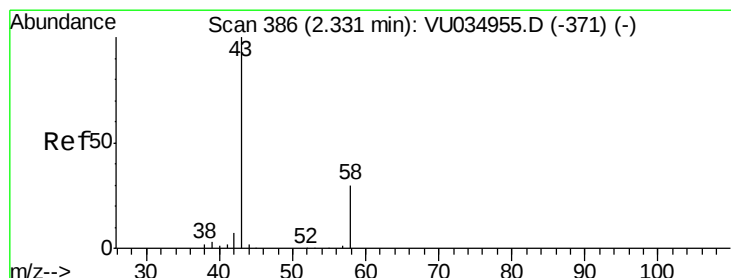
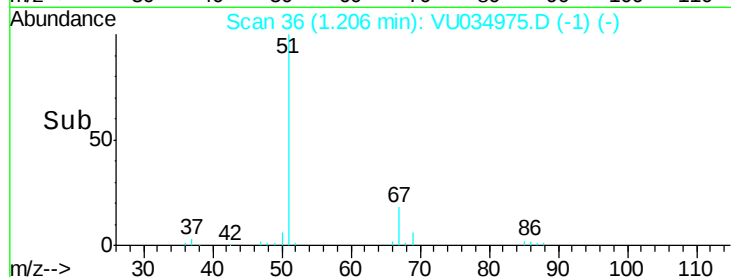
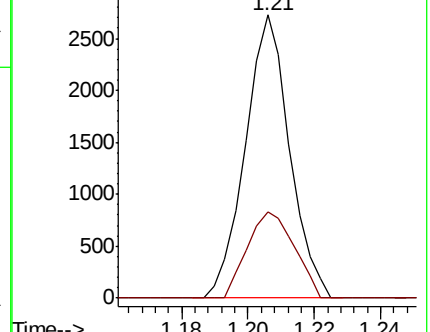
85 100

87 32.2 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU034975.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU034975.D (-26) (-)



#13

Acetone

Concen: 2.149 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034975.D

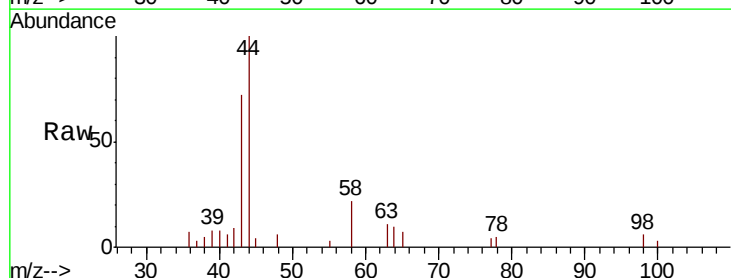
Acq: 07 Oct 2019 21:27

Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

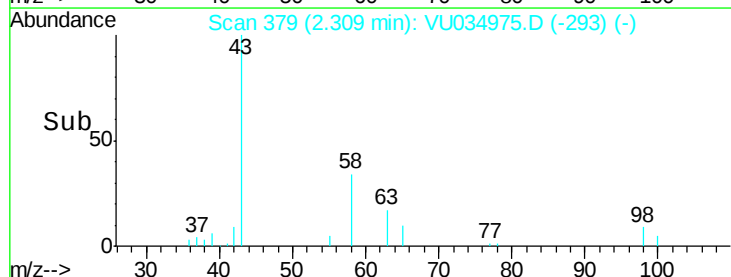
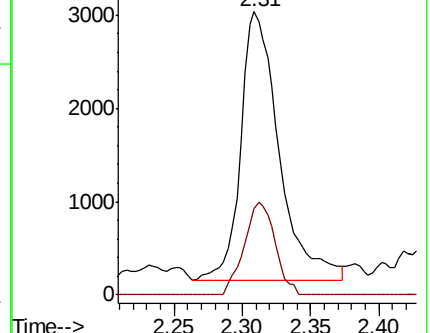
43 100

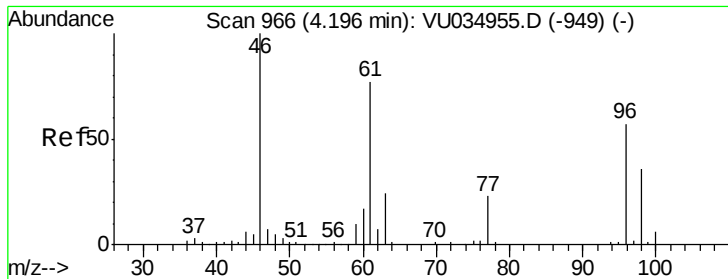
58 27.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034975.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU034975.D (-371) (-)



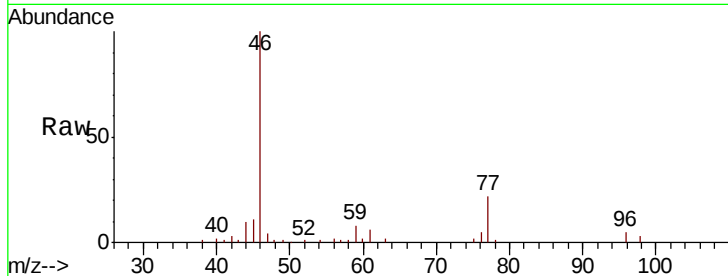


#22

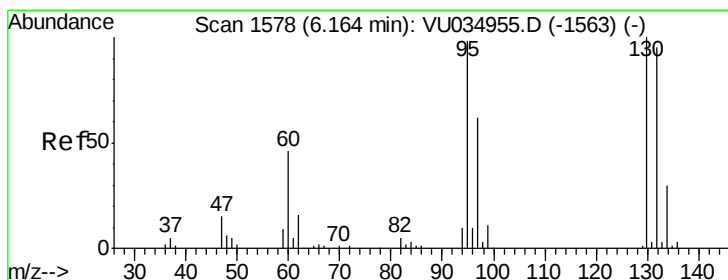
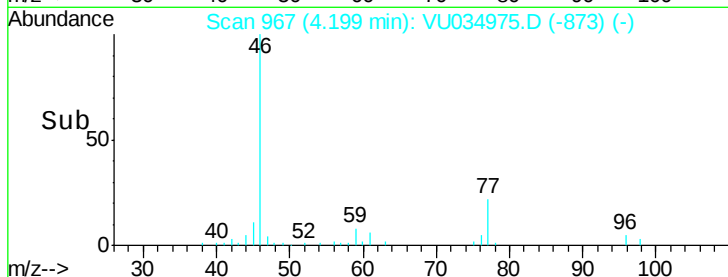
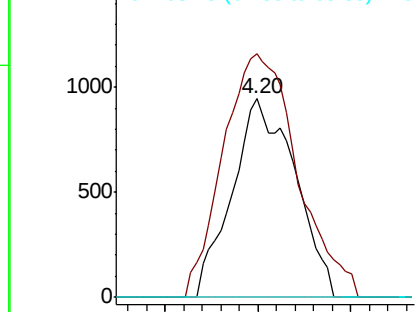
cis-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU034975.D
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Tot Ion: 96 Resp: 2233
Ion Ratio Lower Upper
96 100
61 122.6 96.4 179.0
68 0.0 0.0 0.0



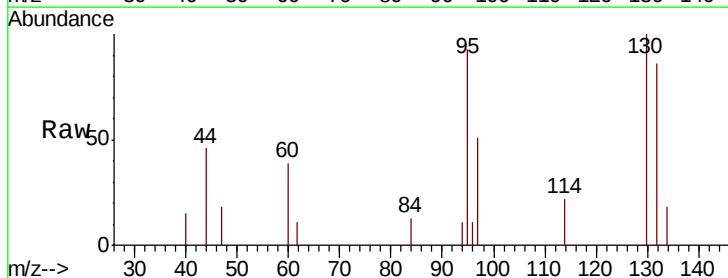
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene
Concen: 0.139 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VU034975.D
Acq: 07 Oct 2019 21:27

Tgt Ion: 95 Resp: 2000
Ion Ratio Lower Upper
95 100
97 54.6 42.5 78.9
132 92.3 65.8 122.2
130 107.0 65.0 120.8



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

