

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031779.D
 Acq On : 06 May 2019 14:46
 Operator : JC/SP
 Sample : K2694-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 08:49:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	666527	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	635272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	255026	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.44%
7) Chloroethane-d5	1.68	69	214213	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.38%
11) 1,1-Dichloroethene-d2	2.27	63	391183	35.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.42%
21) 2-Butanone-d5	4.19	46	637139	126.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.06%
24) Chloroform-d	4.64	84	508549	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	5.31	65	358981	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.56%
32) Benzene-d6	5.34	84	944394	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.33	67	356001	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.74%
41) Toluene-d8	7.56	98	741576	43.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.30%
43) trans-1,3-Dichloropropene-	7.85	79	136542	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.31	63	348970	117.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	480729	52.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	246366	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

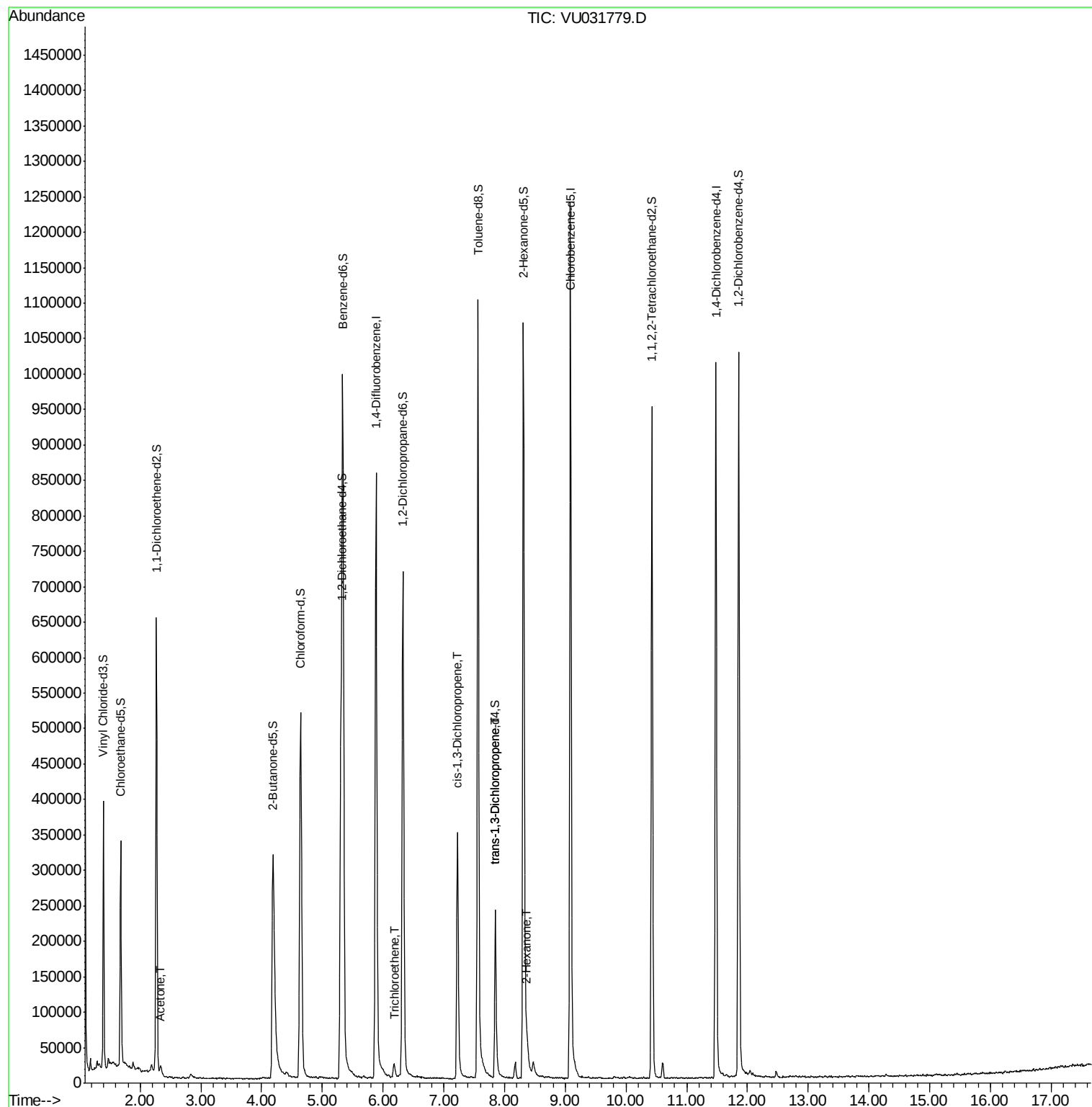
					Ovalue
13) Acetone	2.34	43	13207	2.320 ug/L	100
34) Trichloroethene	6.18	95	3391	0.599 ug/L #	71
39) cis-1,3-Dichloropropene	7.23	75	7894	0.901 ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	6605	0.831 ug/L	89
48) 2-Hexanone	8.37	43	29571	3.584 ug/L #	72

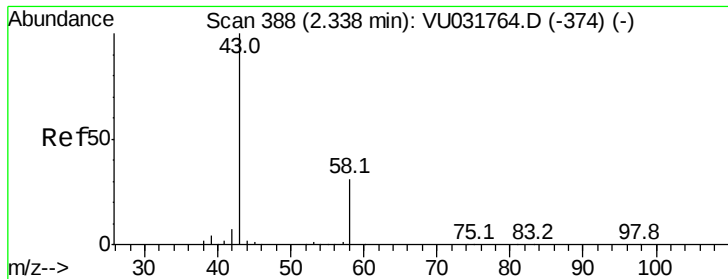
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.320 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031779.D

Acq: 06 May 2019 14:46

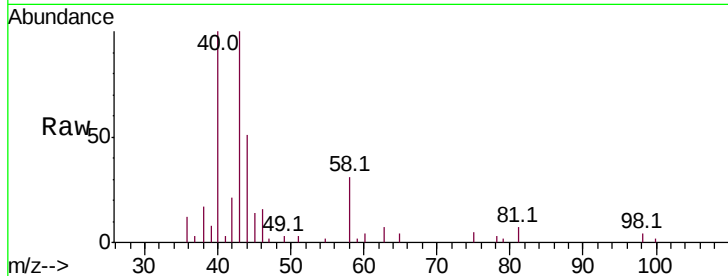
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 13207

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031764.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031764.D (-374) (-)

2.34

6000

5000

4000

3000

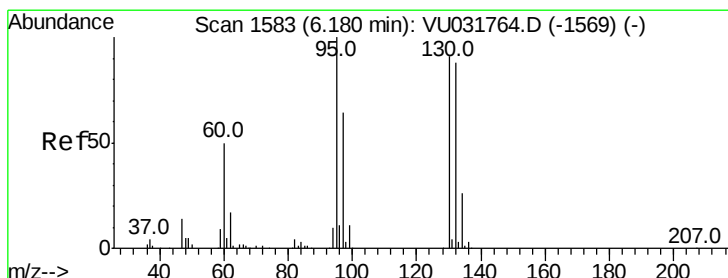
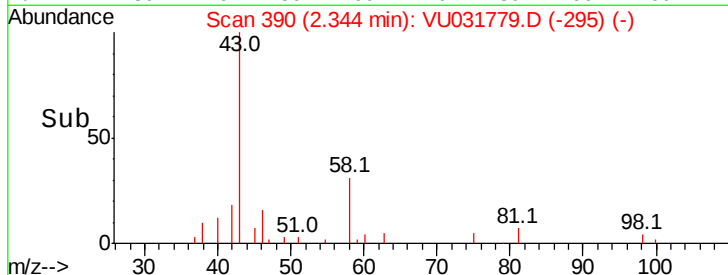
2000

1000

0

2.30 2.35 2.40

Time-->



#34

Trichloroethene

Concen: 0.599 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031779.D

Acq: 06 May 2019 14:46

Tgt Ion: 95 Resp: 3391

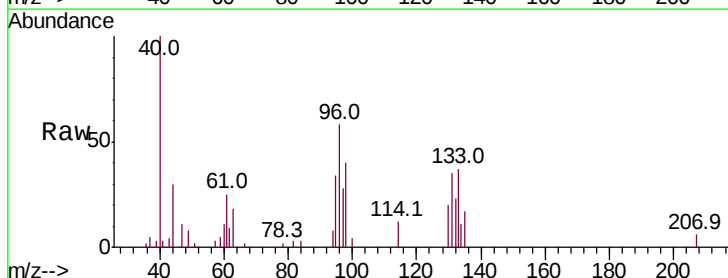
Ion Ratio Lower Upper

95 100

97 84.4 44.8 83.2#

132 67.8 63.1 117.1

130 60.0 66.5 123.5#



Abundance Ion 95.00 (94.70 to 95.70): VU031764.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031764.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031764.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031764.D (-1569) (-)

6.18

2000

1500

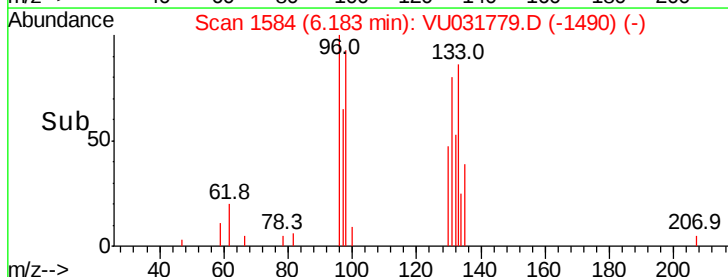
1000

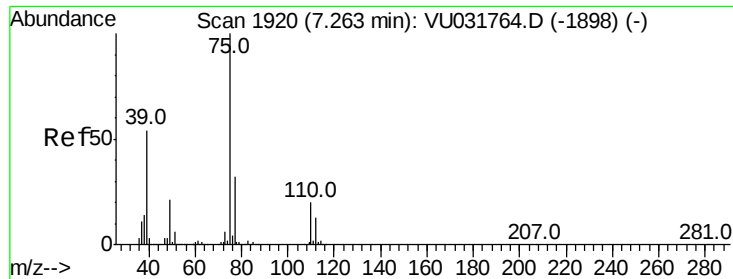
500

0

6.15 6.20 6.25

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.901 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.03 min

Lab File: VU031779.D

Acq: 06 May 2019 14:46

Instrument :

MSVOA_U

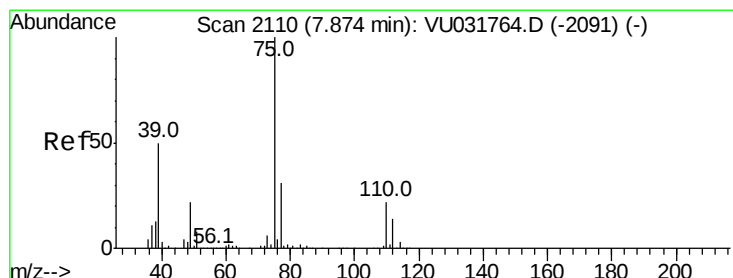
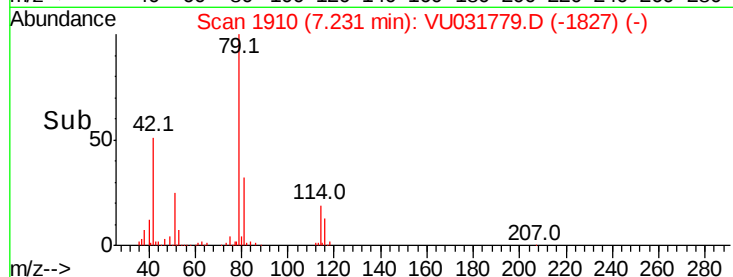
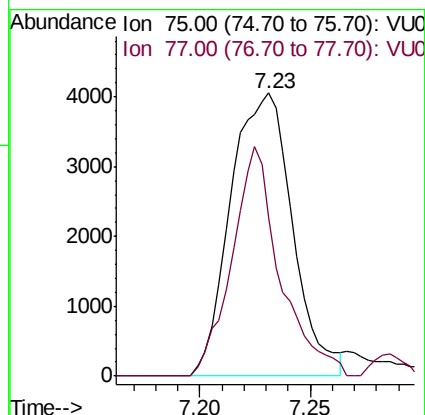
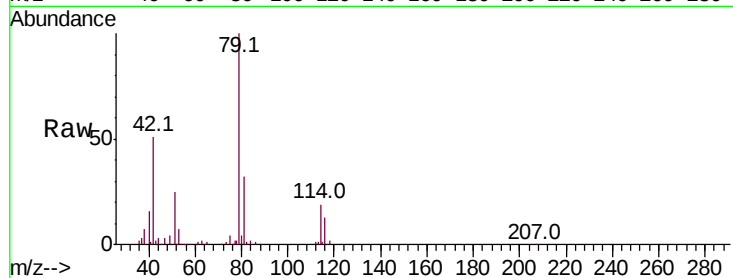
ClientSampled :

Tot Ion: 75 Resp: 7894

Ion Ratio Lower Upper

75 100

77 56.3 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.831 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031779.D

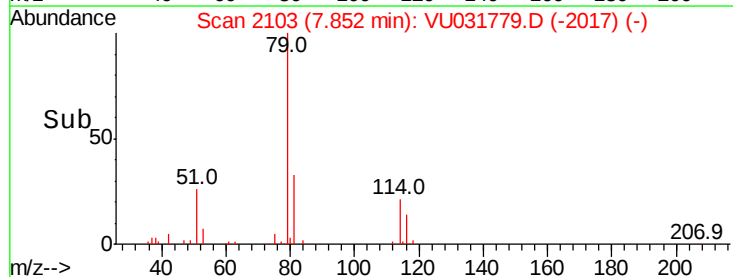
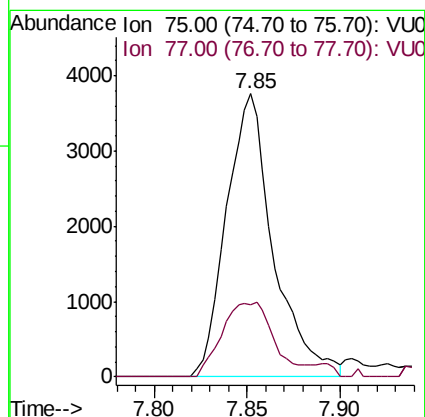
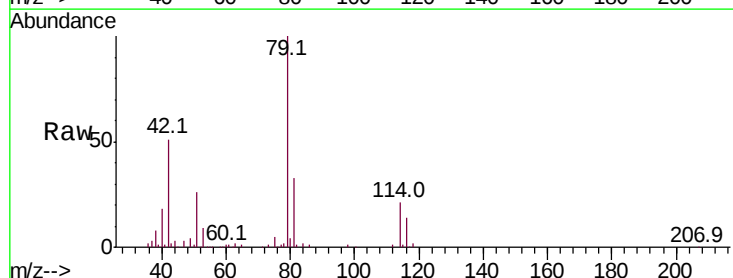
Acq: 06 May 2019 14:46

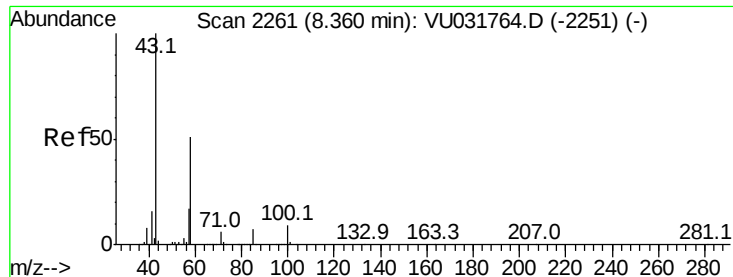
Tgt Ion: 75 Resp: 6605

Ion Ratio Lower Upper

75 100

77 25.3 22.1 41.1





#48
 2-Hexanone
 Concen: 3.584 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031779.D
 Acq: 06 May 2019 14:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.7	42.1	63.1#
57	2.5	14.6	22.0#
100	5.3	7.2	10.8#

