

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
 Data File : VU033410.D
 Acq On : 25 Jul 2019 15:07
 Operator : JC/SP
 Sample : K3957-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2A22

Quant Time: Jul 26 05:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 04:32:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	271193	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	121155	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71793	34.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.94%
7) Chloroethane-d5	1.67	69	71001	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.96%
11) 1,1-Dichloroethene-d2	2.26	63	105630	28.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.74%#
21) 2-Butanone-d5	4.15	46	126569	97.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.30%
24) Chloroform-d	4.62	84	150871	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
26) 1,2-Dichloroethane-d4	5.29	65	101238	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	5.32	84	283404	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.22%
36) 1,2-Dichloropropane-d6	6.31	67	96065	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.55	98	245730	38.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.52%#
43) trans-1,3-Dichloropropene-	7.83	79	41405	38.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.42%
47) 2-Hexanone-d5	8.30	63	87063	88.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.53%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	155483	47.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	102151	47.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.56%

Target Compounds

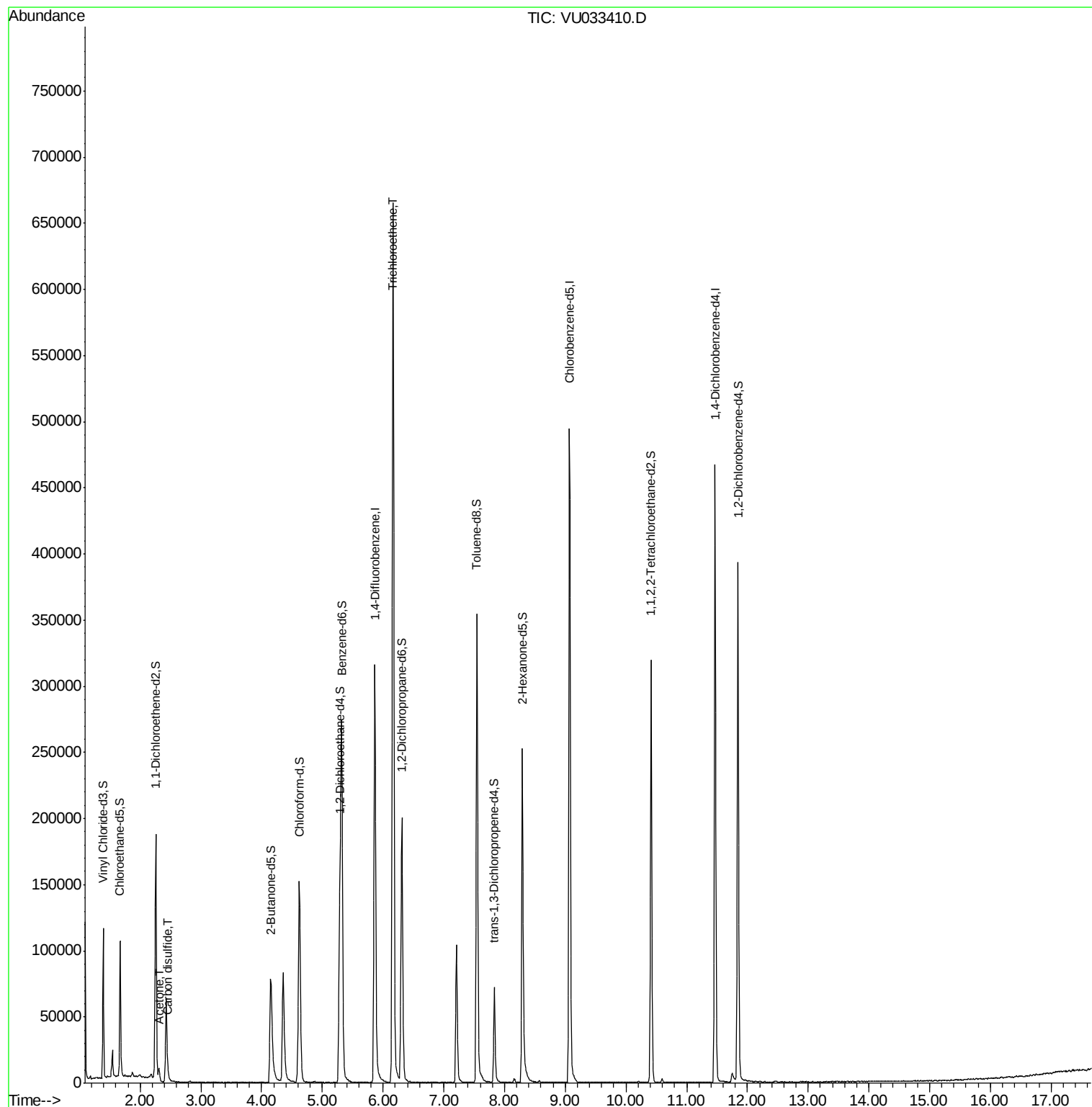
					Ovalue
13) Acetone	2.31	43	9867	6.071	ug/L 100
14) Carbon disulfide	2.46	76	3006	0.543	ug/L 99
34) Trichloroethene	6.16	95	230284	108.763	ug/L 99

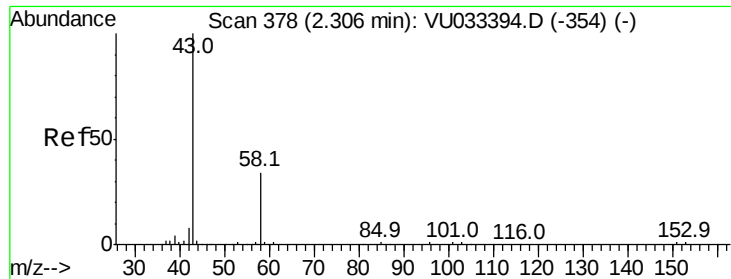
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.071 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

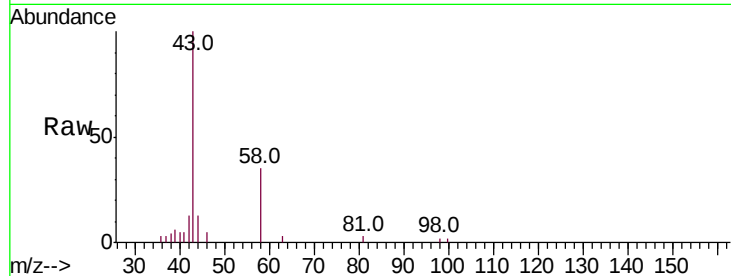
F2A22

Tot Ion: 43 Resp: 9867

Ion Ratio Lower Upper

43 100

58 32.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU033394.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU033394.D (-354) (-)

2.31

6000

5000

4000

3000

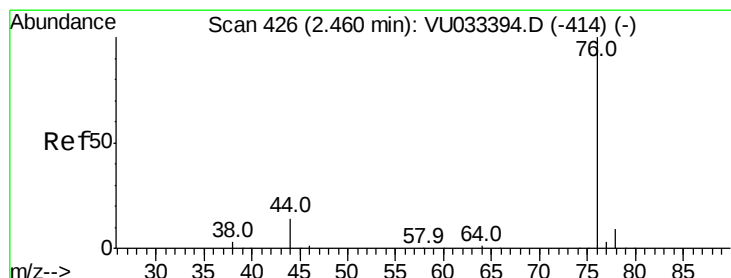
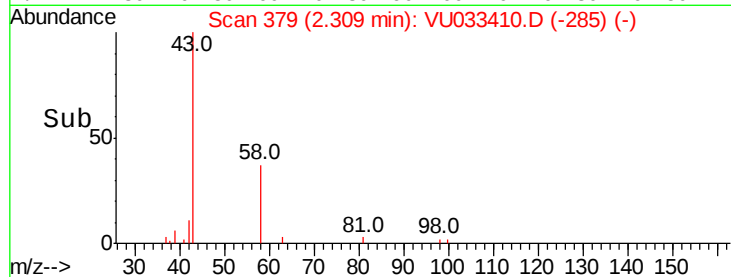
2000

1000

0

Time-->

2.25 2.30 2.35



#14

Carbon disulfide

Concen: 0.543 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033410.D

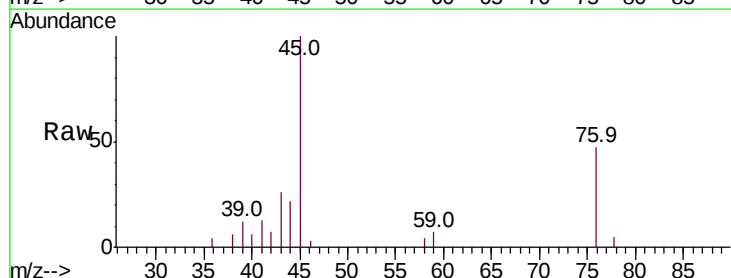
Acq: 25 Jul 2019 15:07

Tgt Ion: 76 Resp: 3006

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU033394.D (-414) (-)

Ion 78.00 (77.70 to 78.70): VU033394.D (-414) (-)

2.46

2000

1500

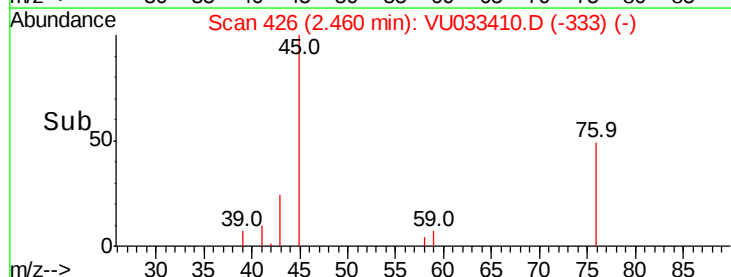
1000

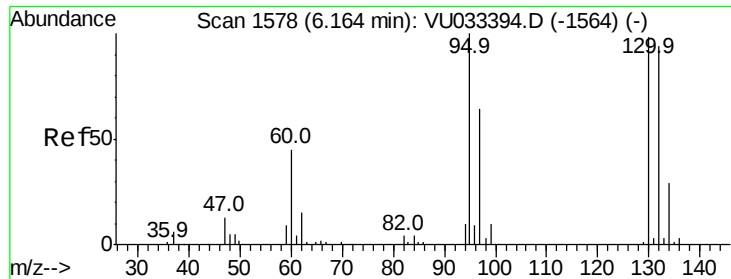
500

0

Time-->

2.45 2.50





#34

Trichloroethene

Concen: 108.763 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

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Instrument :
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ClientSampleId :
F2A22

Tot Ion: 95 Resp: 230284

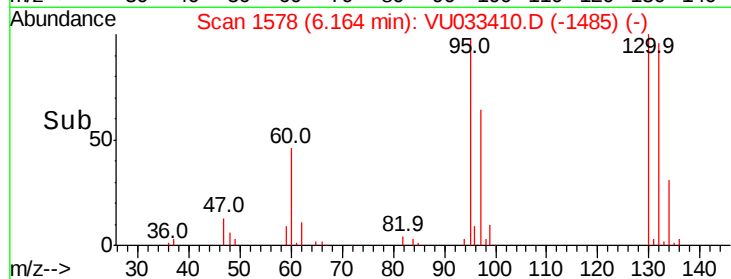
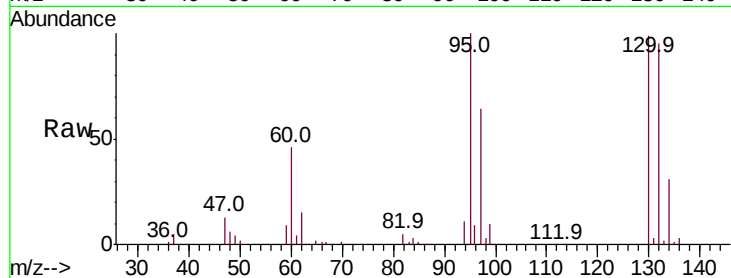
Ion Ratio Lower Upper

95 100

97 63.6 43.8 81.4

132 95.4 65.5 121.6

130 99.5 69.7 129.5



Abundance Ion 95.00 (94.70 to 95.70): VU033410.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VU033410.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VU033410.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VU033410.D (-1485) (-)

