

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038389.D
 Acq On : 29 May 2020 20:24
 Operator : JC/MD
 Sample : L2749-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y4

Quant Time: May 30 01:42:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	304891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	298559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95073	3.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.20%
7) Chloroethane-d5	1.93	69	88850	3.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.59	63	145910	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.67	46	356383	51.79	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.10	84	208127	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	122378	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	421919	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	130169	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.92	98	367862	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	8.20	79	51730	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.65	63	296341	54.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.52%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110647	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	144787	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

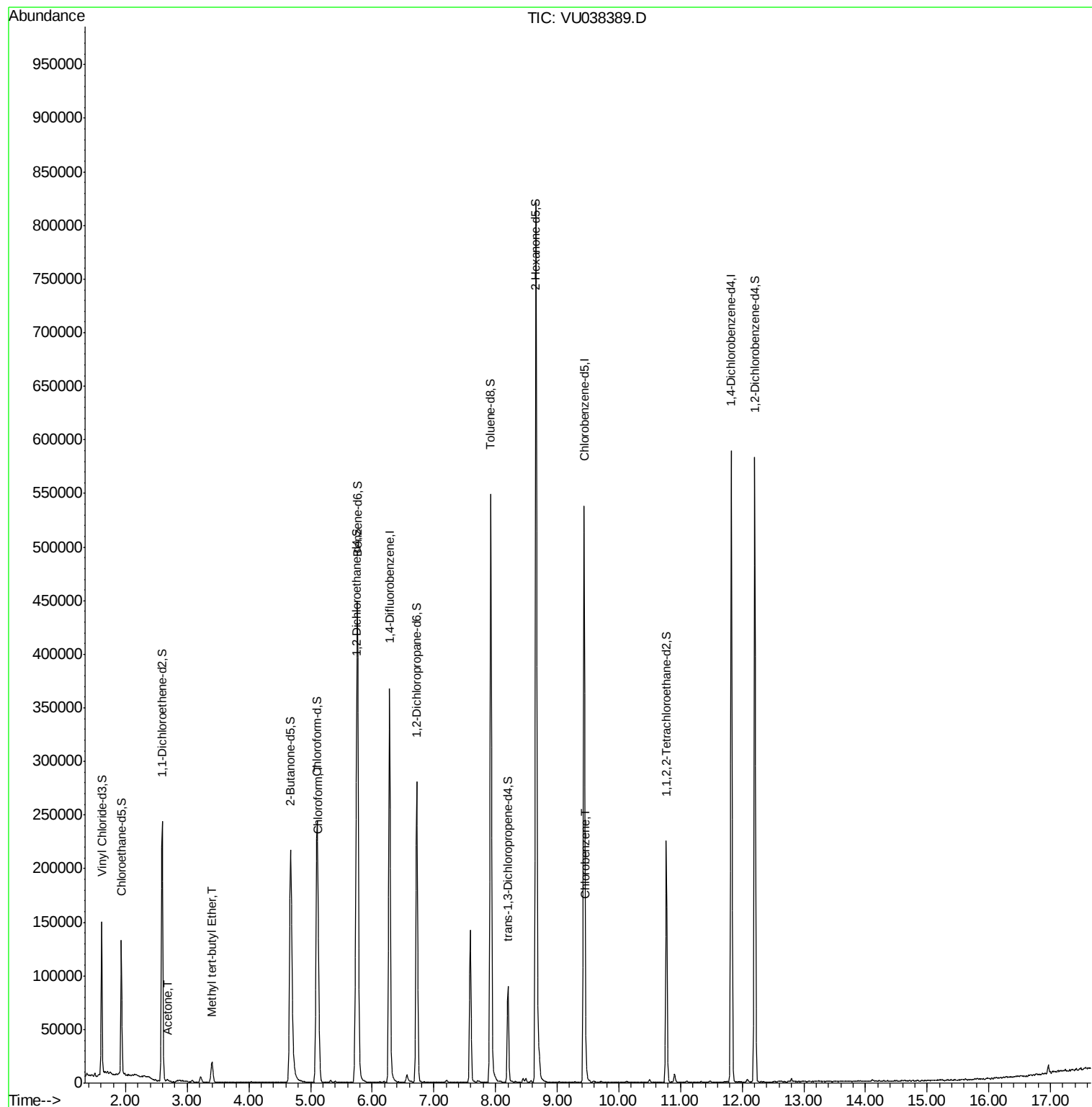
					Qvalue
13) Acetone	2.67	43	3714	0.86 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	21132	0.36 ug/L	99
25) Chloroform	5.13	83	74545	1.77 ug/L	96
51) Chlorobenzene	9.47	112	7663	0.12 ug/L	98

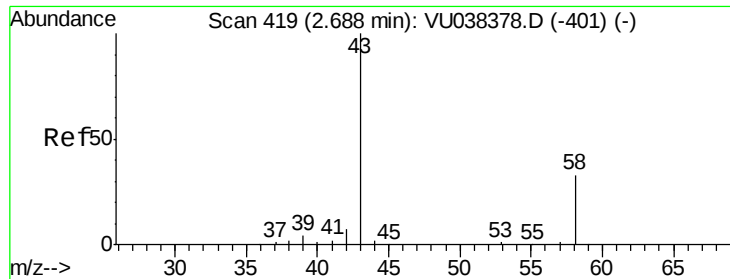
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.86 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038389.D

Acq: 29 May 2020 20:24

Instrument :

MSVOA_U

ClientSampled :

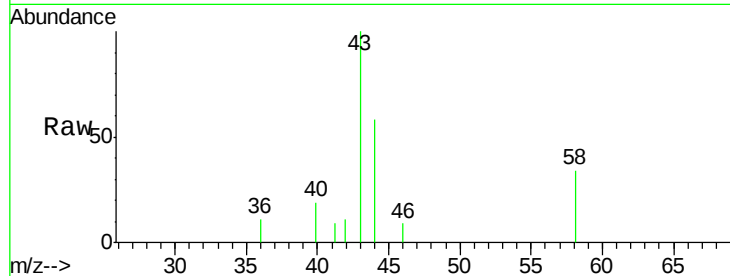
BE4Y4

Tgt Ion: 43 Resp: 3714

Ion Ratio Lower Upper

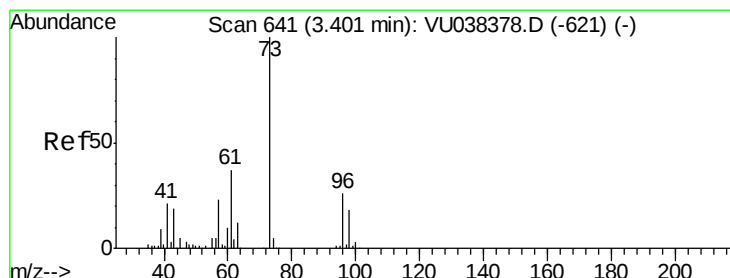
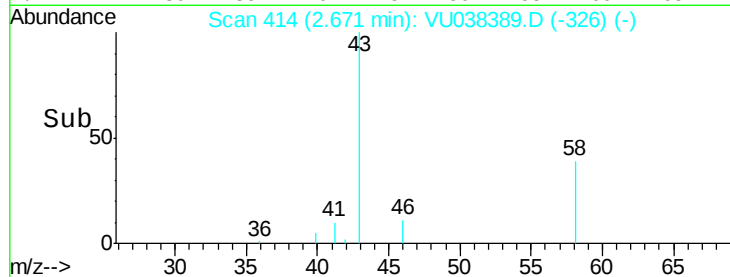
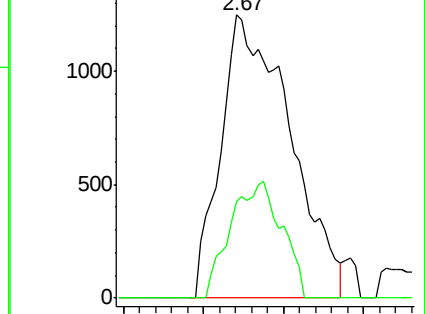
43 100

58 30.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038389.D (-326) (-)

Ion 58.05 (57.75 to 58.75): VU038389.D (-326) (-)



#17

Methyl tert-butyl Ether

Concen: 0.36 ug/L

RT: 3.40 min Scan# 641

Delta R.T. -0.00 min

Lab File: VU038389.D

Acq: 29 May 2020 20:24

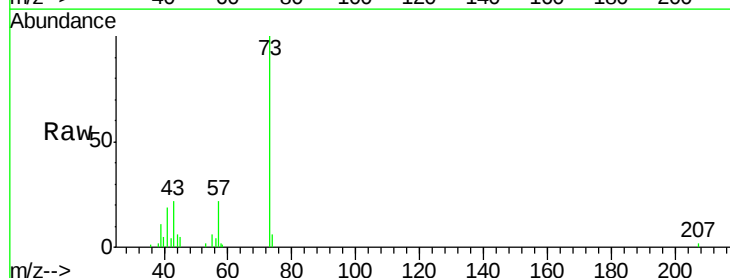
Tgt Ion: 73 Resp: 21132

Ion Ratio Lower Upper

73 100

43 20.7 16.9 25.3

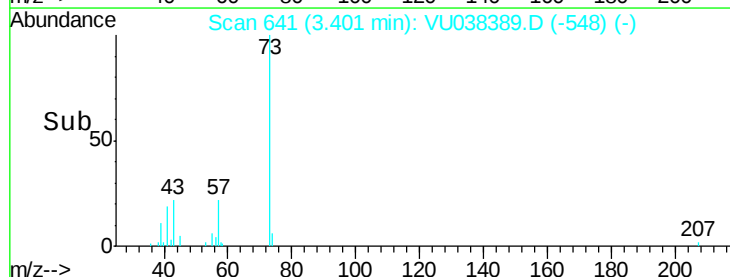
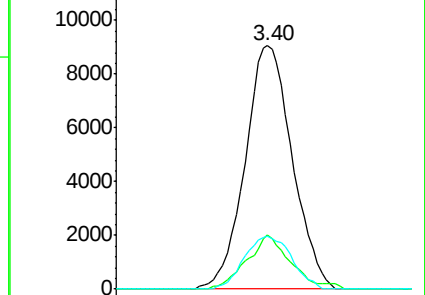
57 21.9 18.2 27.2

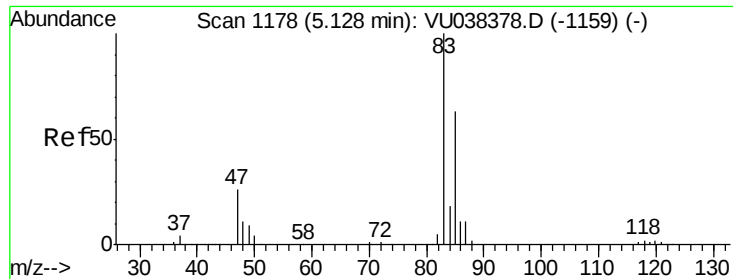


Abundance Ion 73.10 (72.80 to 73.80): VU038389.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038389.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038389.D (-548) (-)

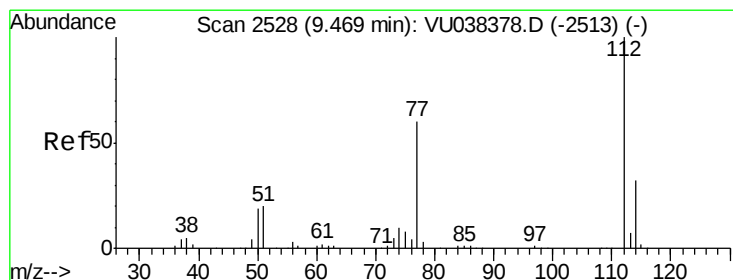
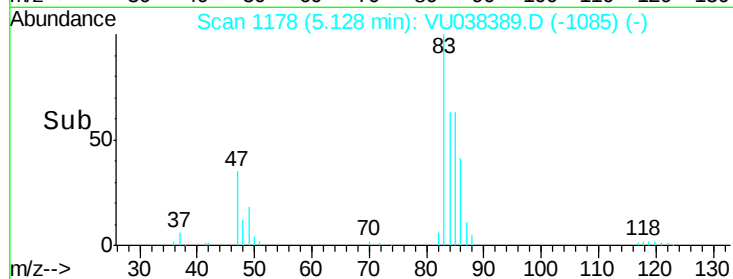
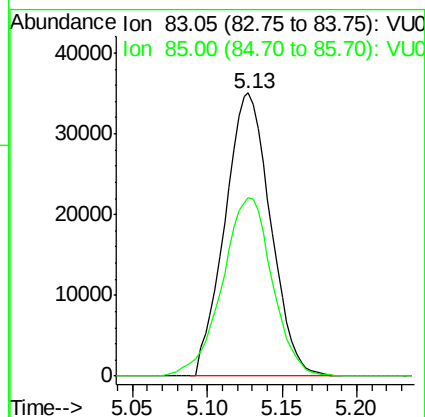
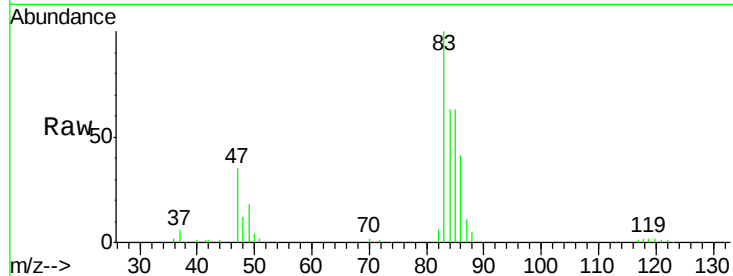




#25
Chloroform
Concen: 1.77 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 74545
Ion Ratio Lower Upper
83 100
85 62.8 46.2 85.8



#51
Chlorobenzene
Concen: 0.12 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038389.D
Acq: 29 May 2020 20:24

Tgt Ion: 112 Resp: 7663
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.7
77 61.2 49.9 74.9

