

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041044.D
 Acq On : 02 Nov 2020 12:42
 Operator : SY/MD
 Sample : L4550-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG6

Quant Time: Nov 03 01:01:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49617	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	50384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22681	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21259	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.92	69	16398	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	30968	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.64	46	88846	64.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.44%
24) Chloroform-d	5.08	84	37884	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.72	65	25853	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.74	84	71837	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.70	67	24856	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.91	98	60621	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.19	79	10176	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.64	63	63198	61.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23093	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23778	5.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.60%

Target Compounds

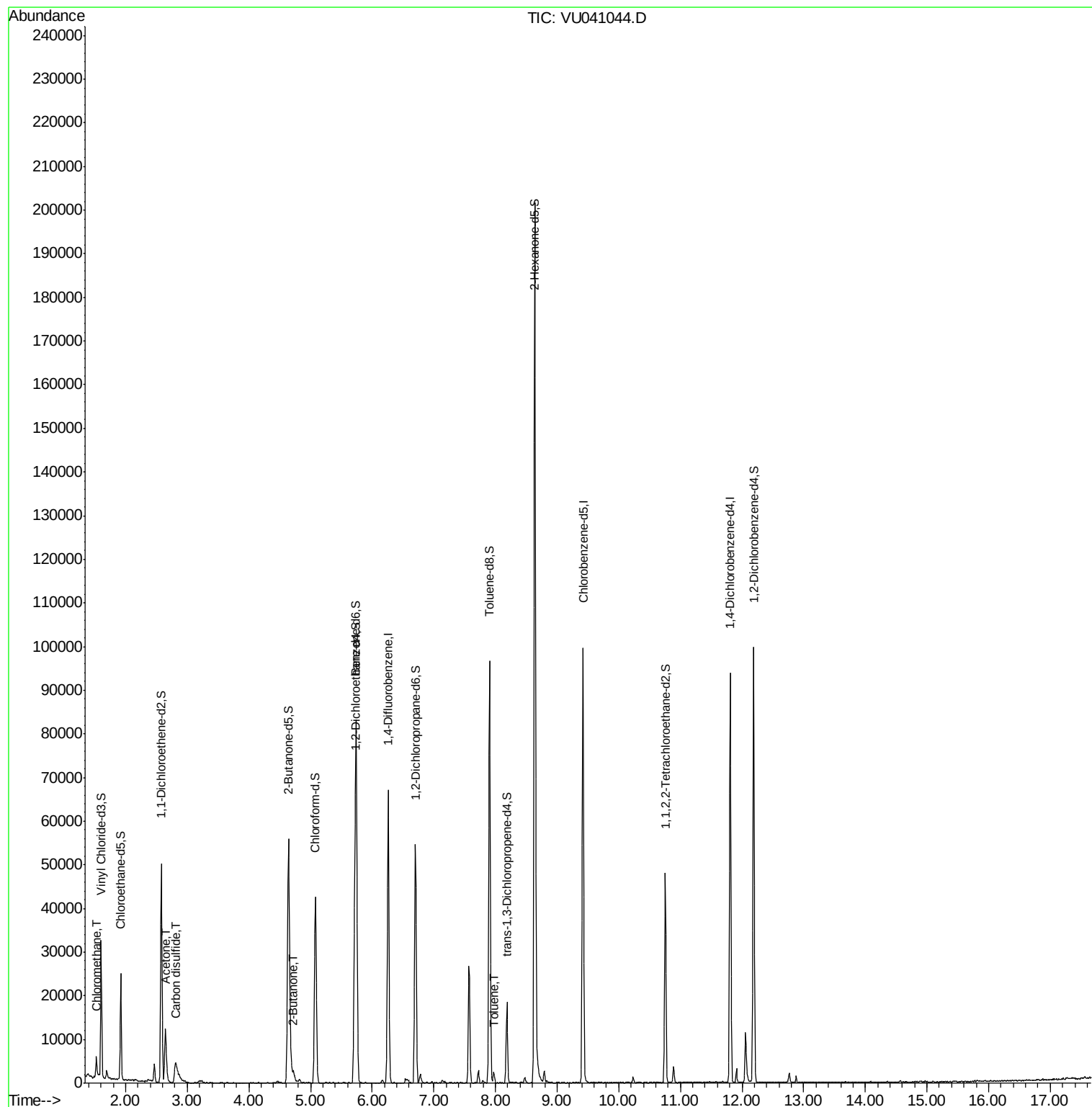
					Ovalue
3) Chloromethane	1.53	50	2811	0.595 ug/L	98
13) Acetone	2.65	43	16660	17.752 ug/L #	57
14) Carbon disulfide	2.81	76	1839	0.157 ug/L #	74
21) 2-Butanone	4.73	43	3302	2.251 ug/L	81
42) Toluene	7.97	91	2041	0.134 ug/L	97

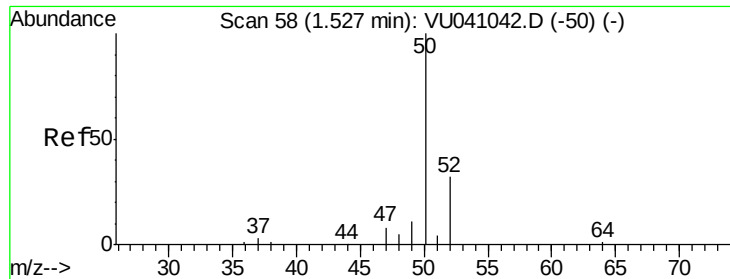
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.595 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041044.D

Acq: 02 Nov 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

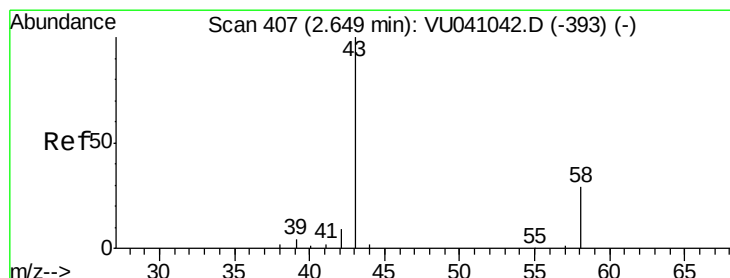
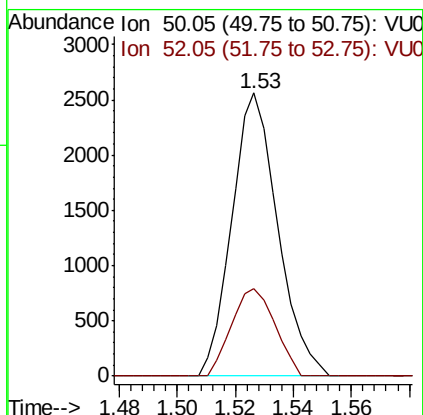
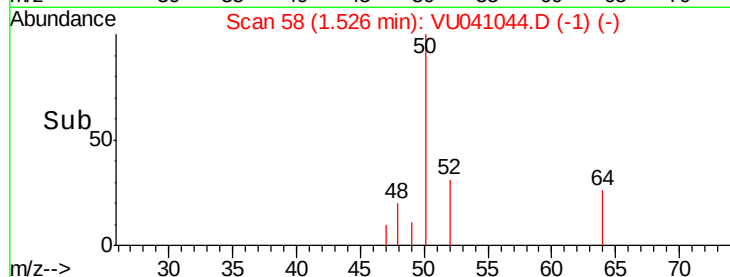
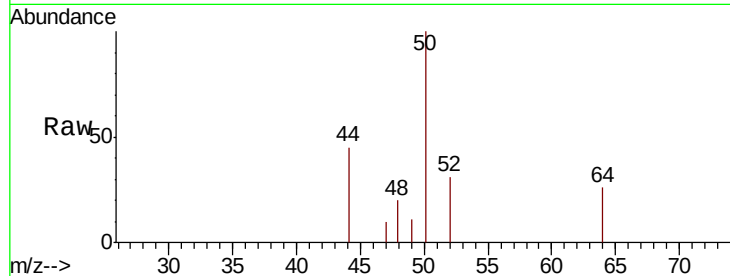
BFSG6

Tot Ion: 50 Resp: 2811

Ion Ratio Lower Upper

50 100

52 30.7 22.4 41.6



#13

Acetone

Concen: 17.752 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU041044.D

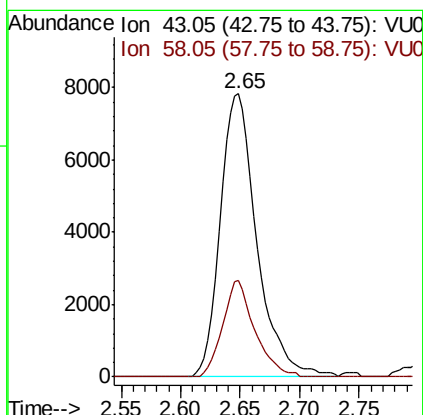
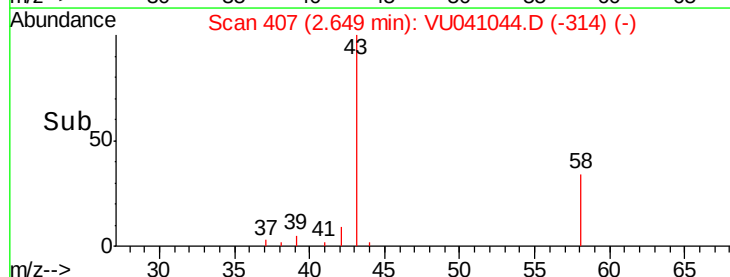
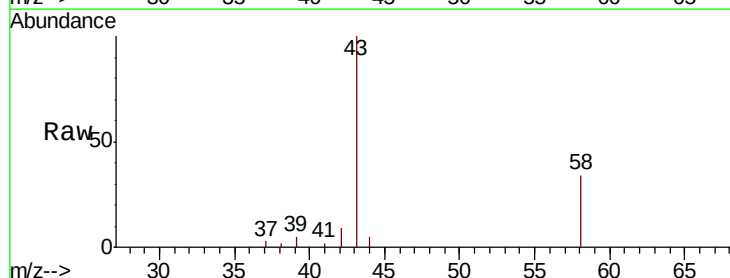
Acq: 02 Nov 2020 12:42

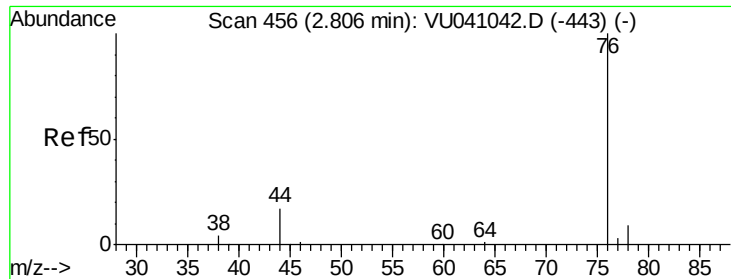
Tgt Ion: 43 Resp: 16660

Ion Ratio Lower Upper

43 100

58 29.9 0.0 25.4#





#14

Carbon disulfide

Concen: 0.157 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU041044.D

Acq: 02 Nov 2020 12:42

Instrument :

MSVOA_U

ClientSampleId :

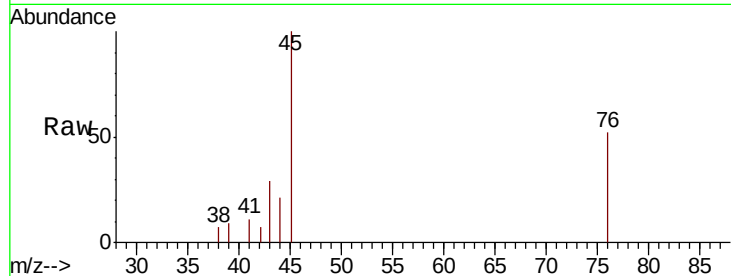
BFSG6

Tot Ion: 76 Resp: 1839

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

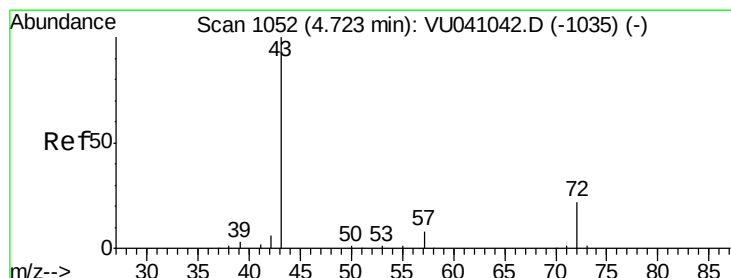
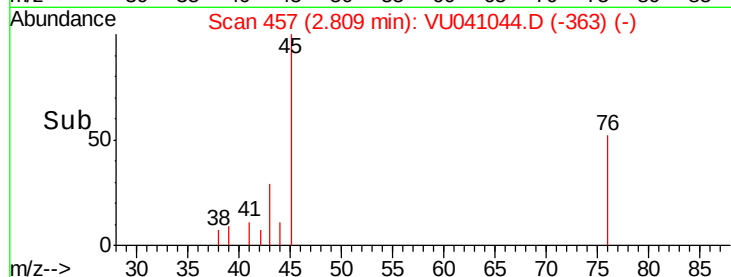


Abundance Ion 76.05 (75.75 to 76.75): VU041042.D (-443) (-)

Ion 78.00 (77.70 to 78.70): VU041042.D (-443) (-)

2.81

Time-->



#21

2-Butanone

Concen: 2.251 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VU041044.D

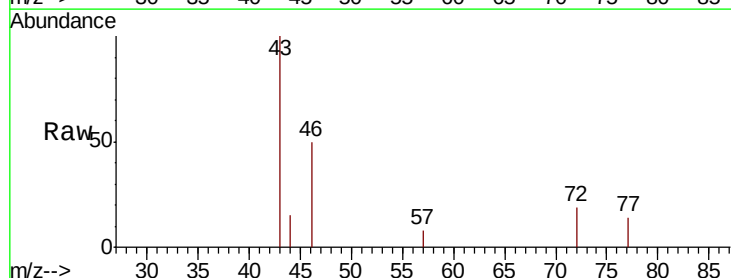
Acq: 02 Nov 2020 12:42

Tgt Ion: 43 Resp: 3302

Ion Ratio Lower Upper

43 100

72 14.5 11.8 35.4

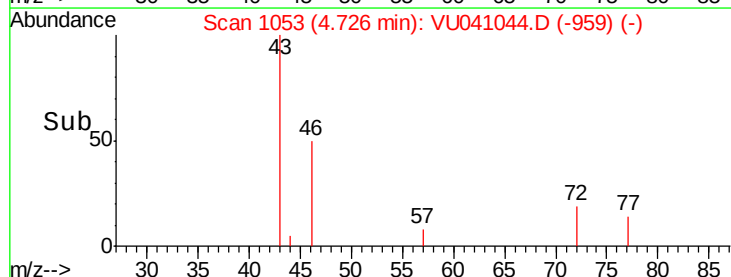


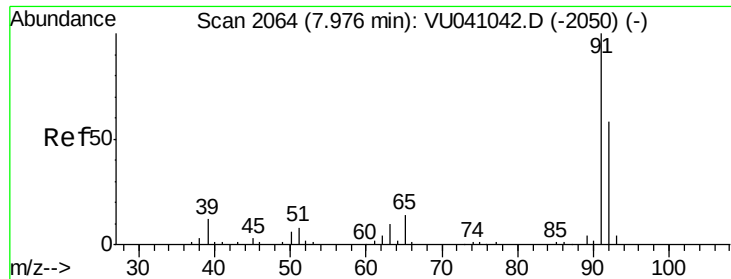
Abundance Ion 43.05 (42.75 to 43.75): VU041042.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU041042.D (-1035) (-)

4.73

Time-->





#42

Toluene

Concen: 0.134 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041044.D

Acq: 02 Nov 2020 12:42

Instrument :
MSVOA_U
ClientSampleId :
BFSG6

Tot Ion: 91 Resp: 2041

Ion Ratio Lower Upper

91 100

92 55.6 40.6 75.4

