

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041053.D
 Acq On : 02 Nov 2020 16:11
 Operator : SY/MD
 Sample : L4550-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSS4

Quant Time: Nov 03 01:34:48 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	56709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20002	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.92	69	15279	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.58	63	29098	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	76773	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	5.08	84	36552	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.72	65	23885	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	67314	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.70	67	23108	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	55670	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.19	79	9609	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	53776	45.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20490	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22079	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

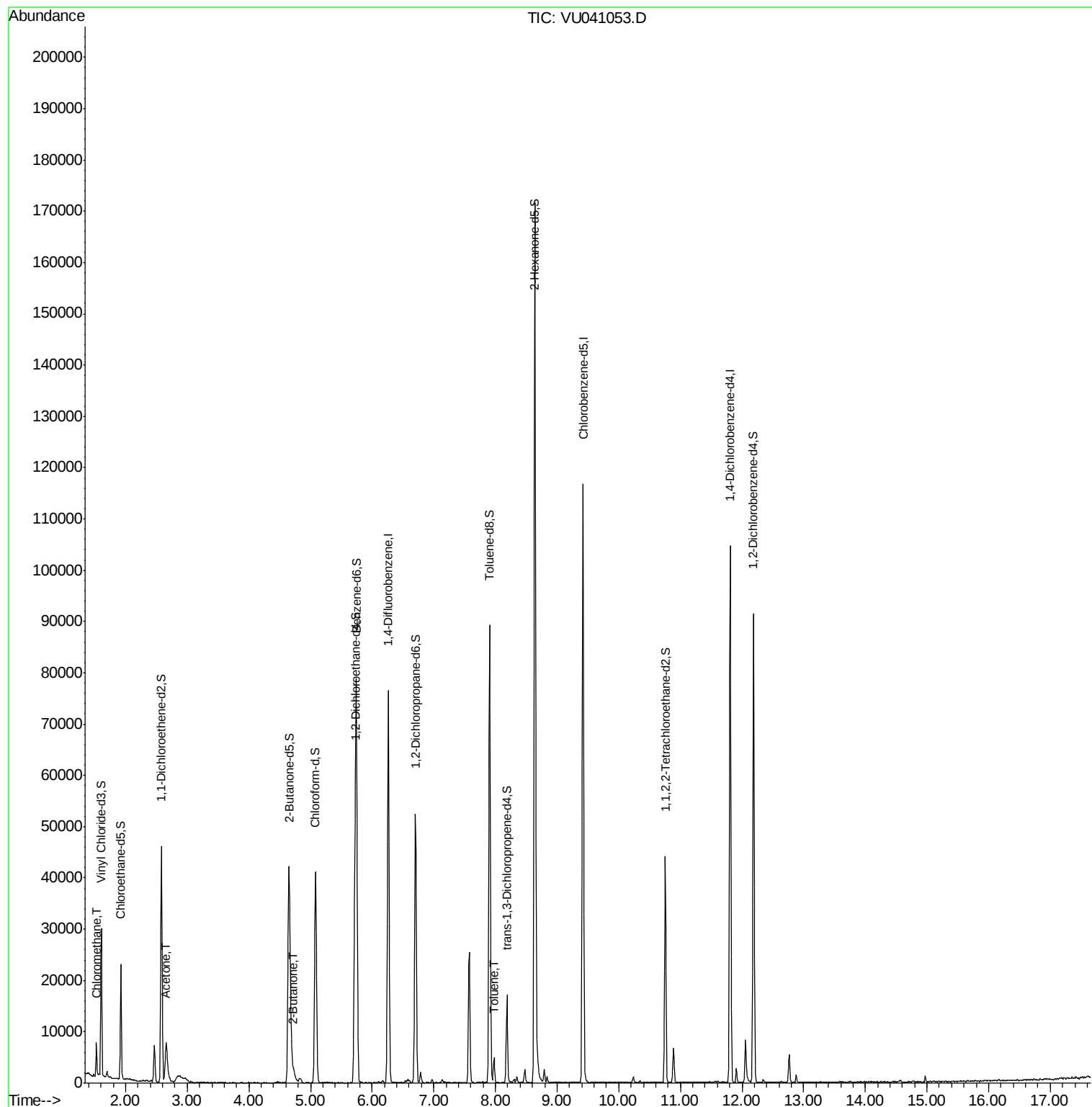
Target Compounds					Ovalue
3) Chloromethane	1.53	50	4420	0.819 ug/L	100
13) Acetone	2.66	43	14834	13.830 ug/L #	61
21) 2-Butanone	4.73	43	2897	1.728 ug/L #	71
42) Toluene	7.98	91	3542	0.199 ug/L	98

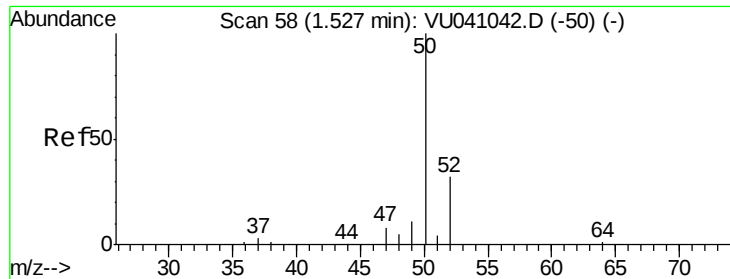
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.819 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041053.D

Acq: 02 Nov 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

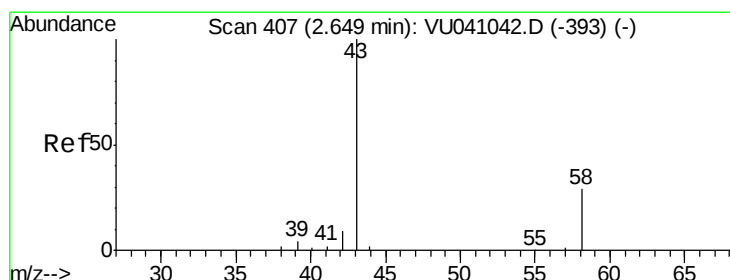
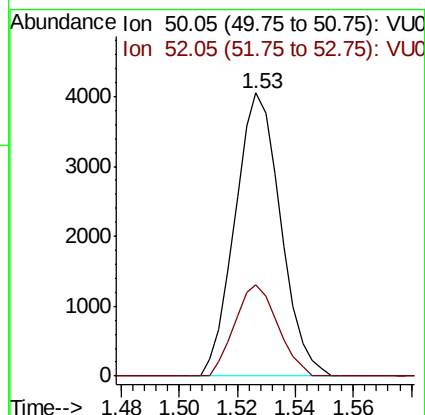
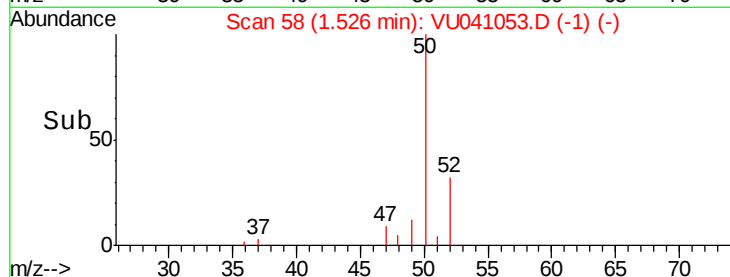
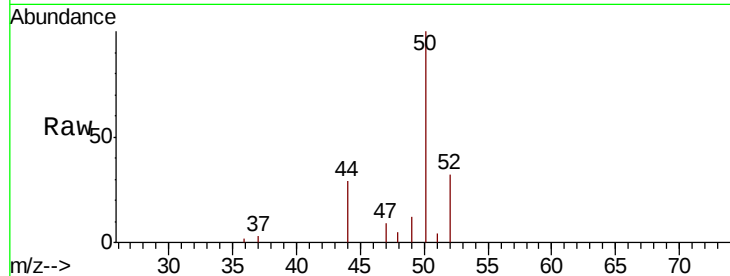
BFSS4

Tot Ion: 50 Resp: 4420

Ion Ratio Lower Upper

50 100

52 32.1 22.4 41.6



#13

Acetone

Concen: 13.830 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU041053.D

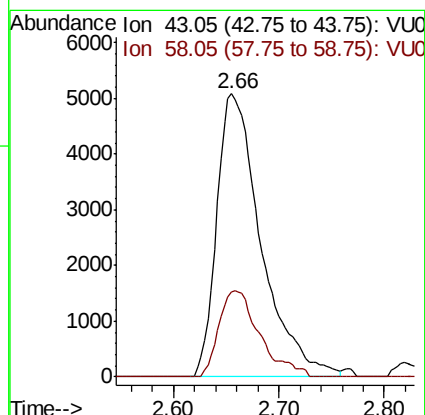
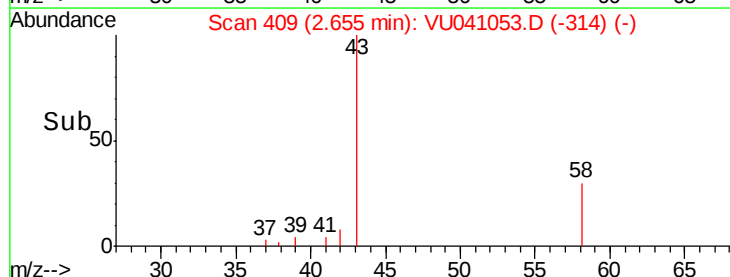
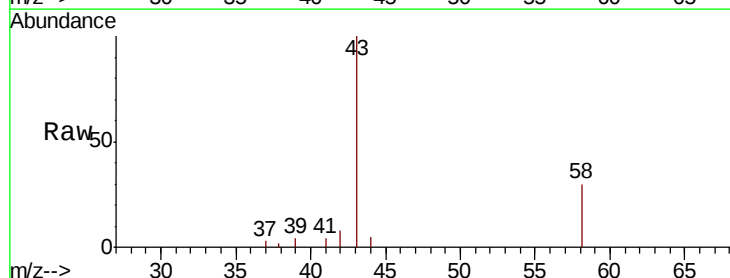
Acq: 02 Nov 2020 16:11

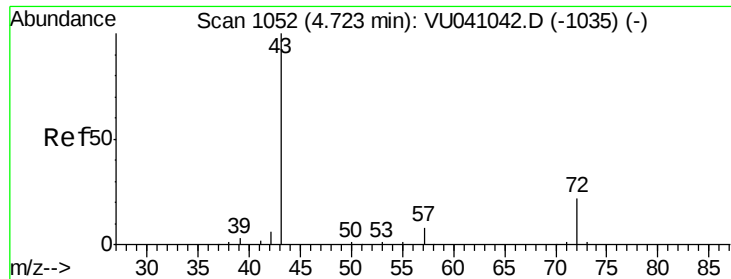
Tgt Ion: 43 Resp: 14834

Ion Ratio Lower Upper

43 100

58 27.9 0.0 25.4#





#21

2-Butanone

Concen: 1.728 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VU041053.D

Acq: 02 Nov 2020 16:11

Instrument :

MSVOA_U

ClientSampleId :

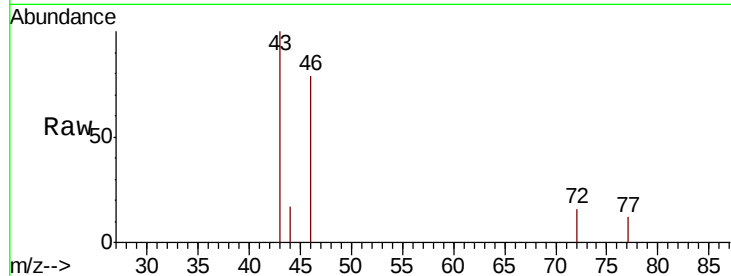
BFSS4

Tot Ion: 43 Resp: 2897

Ion Ratio Lower Upper

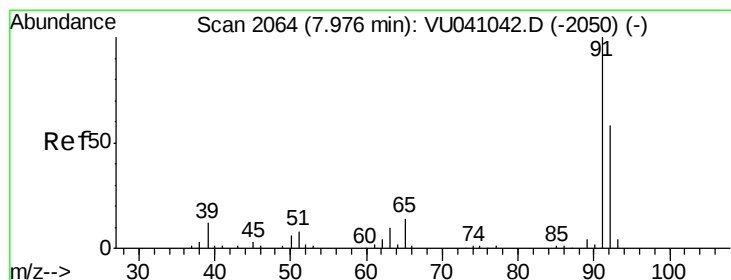
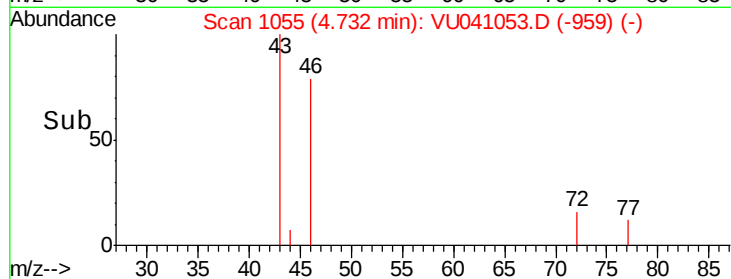
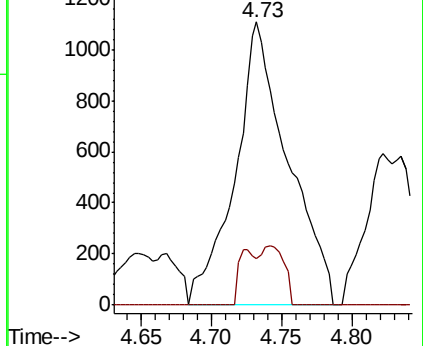
43 100

72 9.3 11.8 35.4#



Abundance Ion 43.05 (42.75 to 43.75): VU041053.D (-959) (-)

Ion 72.10 (71.80 to 72.80): VU041053.D (-959) (-)



#42

Toluene

Concen: 0.199 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU041053.D

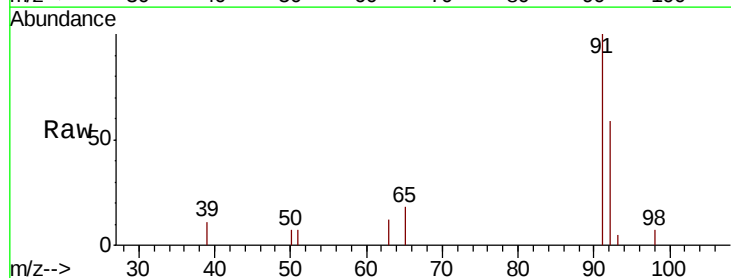
Acq: 02 Nov 2020 16:11

Tgt Ion: 91 Resp: 3542

Ion Ratio Lower Upper

91 100

92 59.1 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041053.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU041053.D (-1971) (-)

