

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
 Data File : VU041046.D
 Acq On : 02 Nov 2020 13:28
 Operator : SY/MD
 Sample : L4584-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH1

Quant Time: Nov 03 01:09:36 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	52112	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53076	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	21748	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	16504	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	32286	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.64	46	89792	62.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.56%
24) Chloroform-d	5.08	84	39234	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	26551	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.74	84	74114	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	25333	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.91	98	63283	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.19	79	10595	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.64	63	65894	61.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24028	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	25060	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

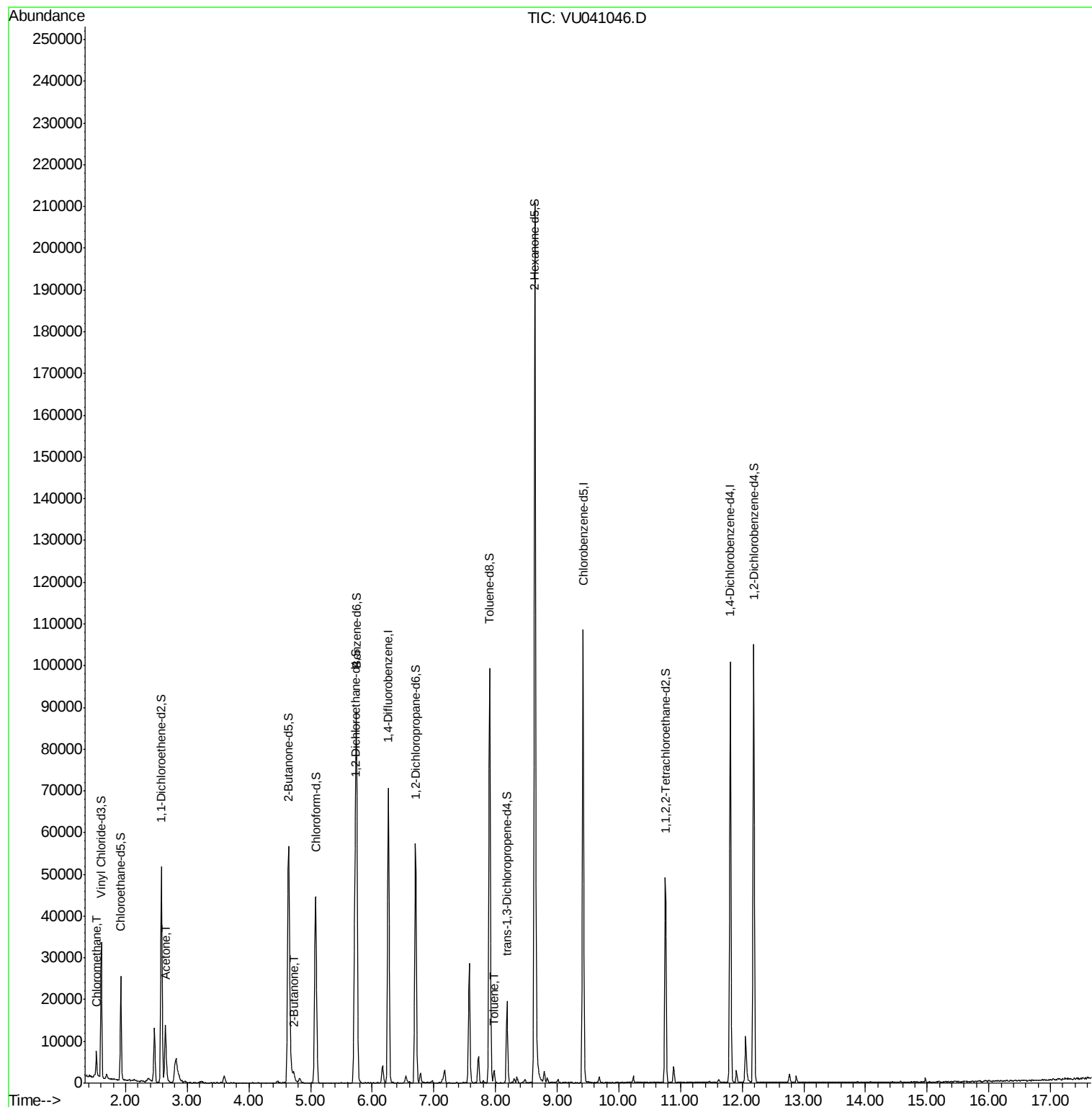
Target Compounds					Ovalue
3) Chloromethane	1.53	50	3660	0.738 ug/L	92
13) Acetone	2.65	43	18031	18.293 ug/L #	60
21) 2-Butanone	4.73	43	3218	2.089 ug/L	94
42) Toluene	7.98	91	2297	0.143 ug/L	95

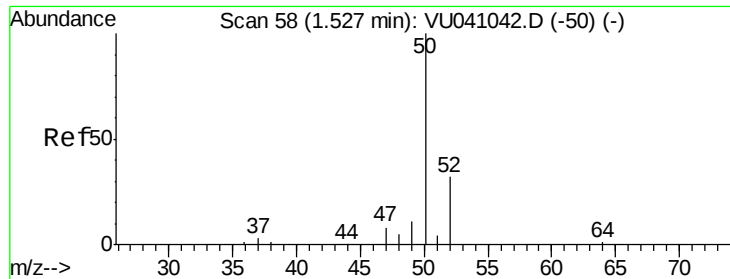
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.738 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

ClientSampleId :

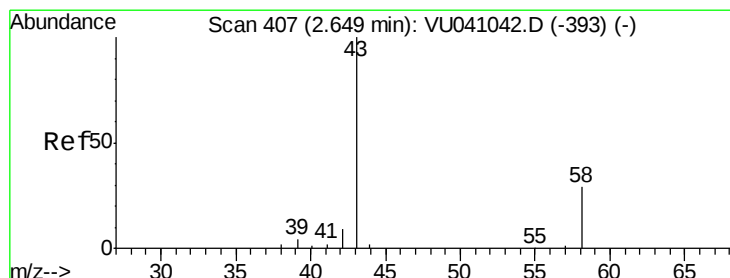
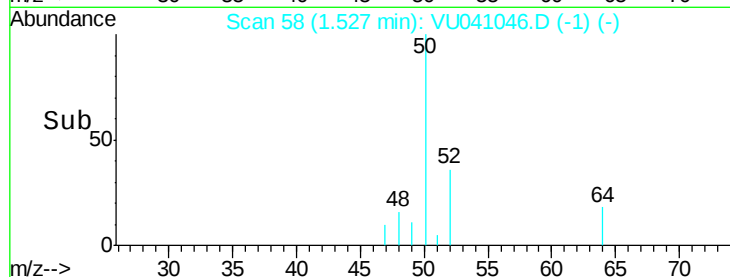
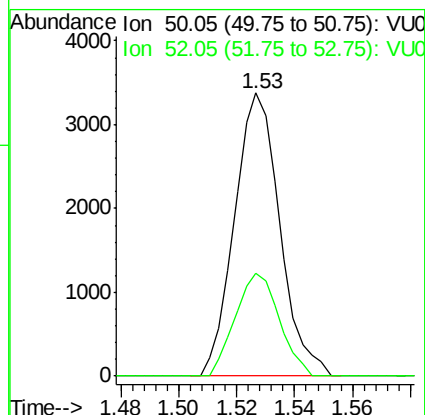
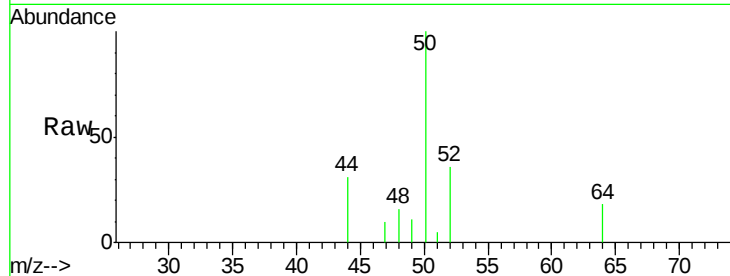
BFSH1

Tot Ion: 50 Resp: 3660

Ion Ratio Lower Upper

50 100

52 36.4 22.4 41.6



#13

Acetone

Concen: 18.293 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU041046.D

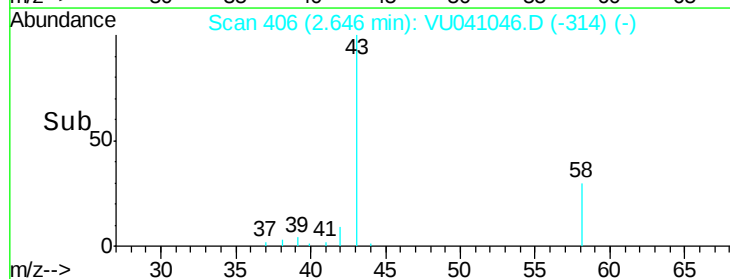
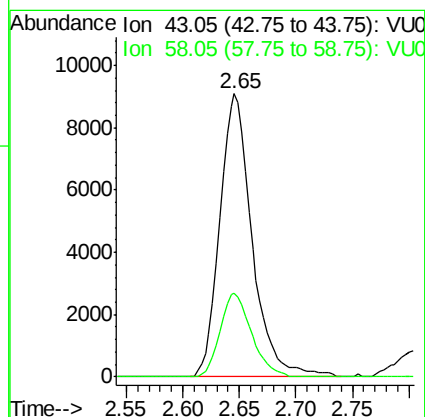
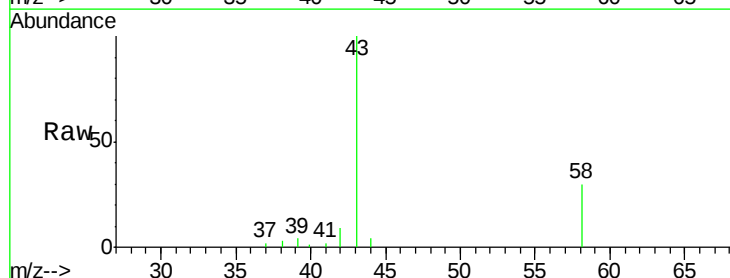
Acq: 02 Nov 2020 13:28

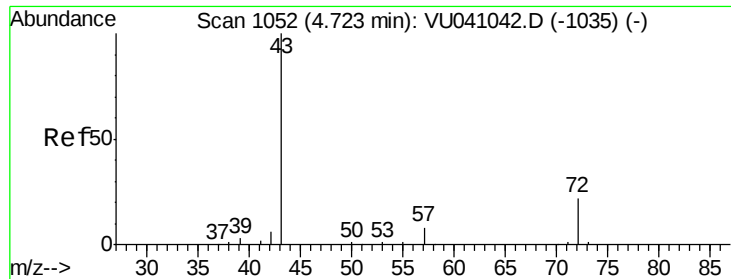
Tgt Ion: 43 Resp: 18031

Ion Ratio Lower Upper

43 100

58 28.6 0.0 25.4#





#21

2-Butanone

Concen: 2.089 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VU041046.D

Acq: 02 Nov 2020 13:28

Instrument :

MSVOA_U

ClientSampleId :

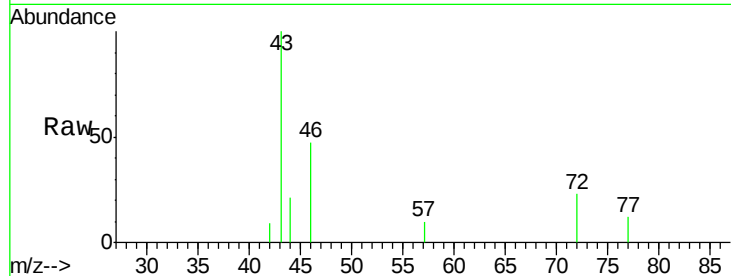
BFSH1

Tot Ion: 43 Resp: 3218

Ion Ratio Lower Upper

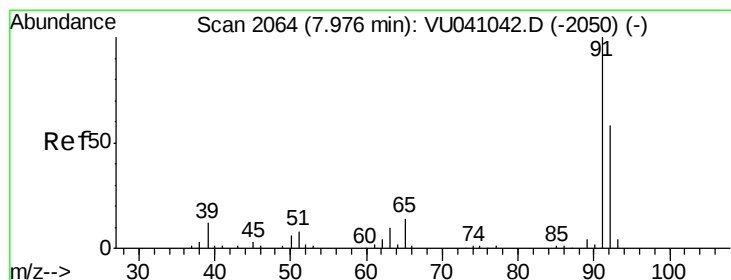
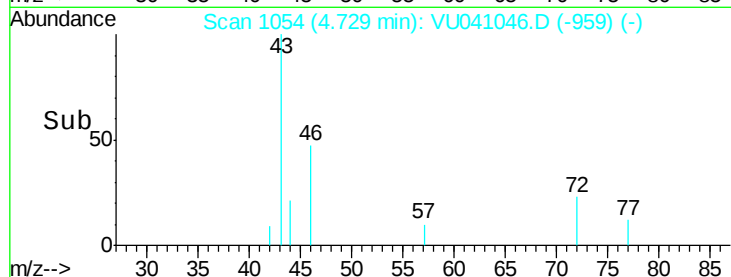
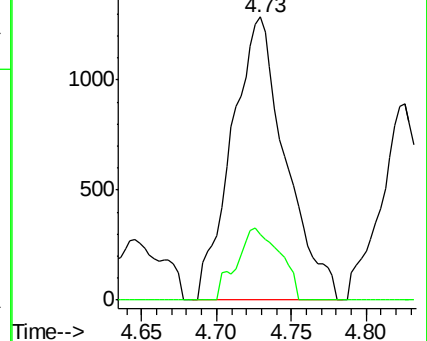
43 100

72 20.4 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU041046.D (-1035) (-)

Ion 72.10 (71.80 to 72.80): VU041046.D (-1035) (-)



#42

Toluene

Concen: 0.143 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041046.D

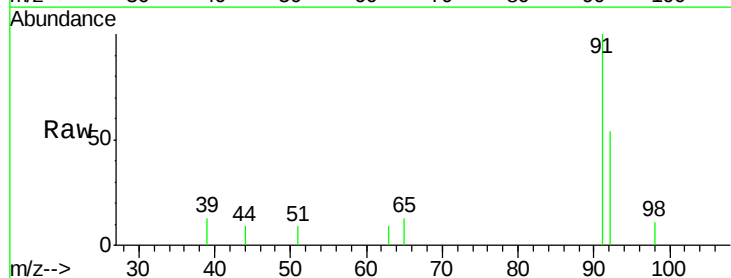
Acq: 02 Nov 2020 13:28

Tgt Ion: 91 Resp: 2297

Ion Ratio Lower Upper

91 100

92 54.2 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041046.D (-1971) (-)

Ion 92.15 (91.85 to 92.85): VU041046.D (-1971) (-)

