

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040494.D
 Acq On : 03 Oct 2020 20:56
 Operator : SY/MD
 Sample : L4266-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS2

Quant Time: Oct 05 03:11:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31534	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	26826	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	51129	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.66	46	142430	44.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	5.08	84	68866	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	44434	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.75	84	131698	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	45171	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.91	98	110589	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	17573	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	97480	42.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.42%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39522	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42691	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

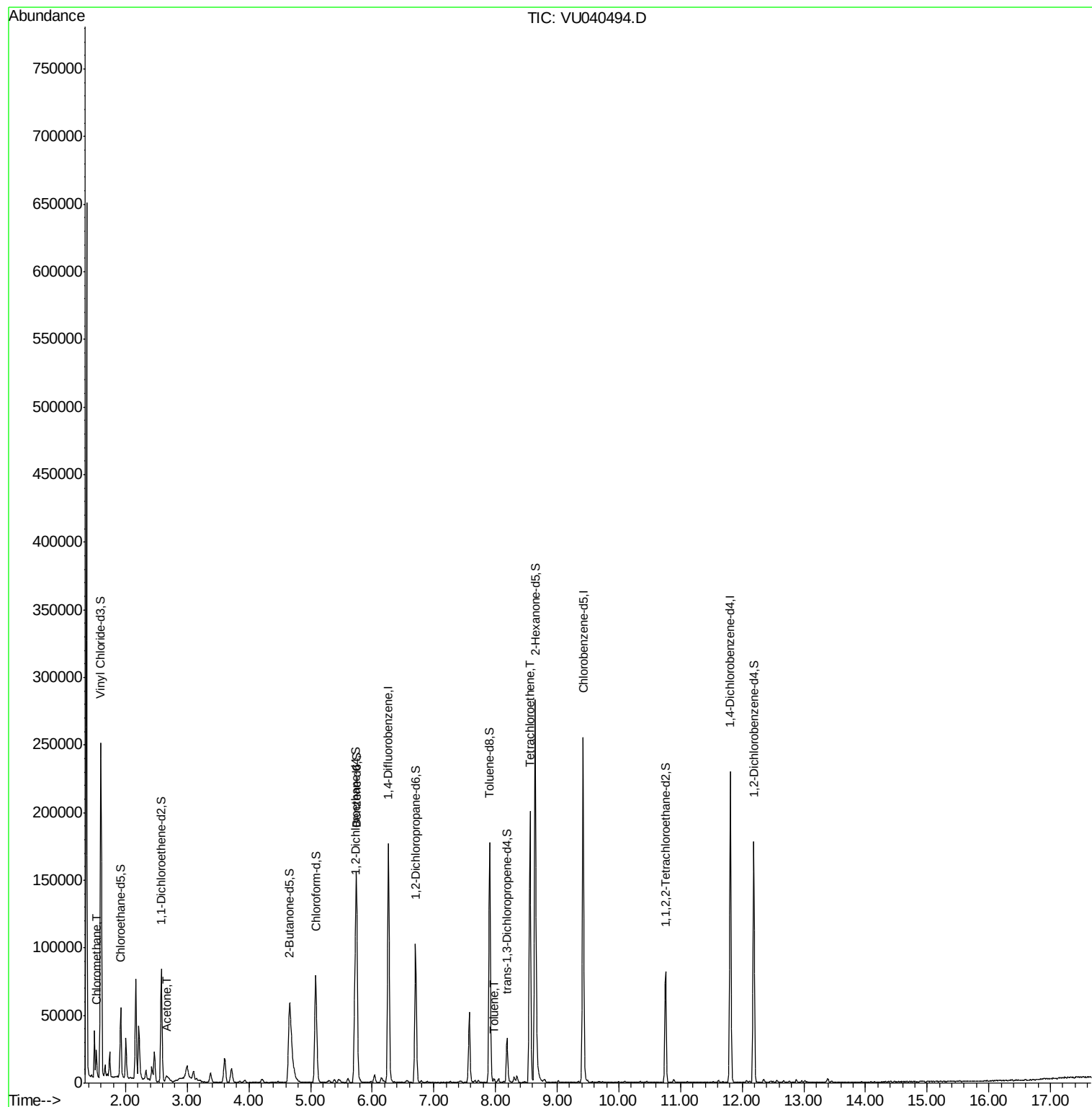
					Ovalue
3) Chloromethane	1.53	50	13488	1.055	ug/L 97
13) Acetone	2.66	43	9752	3.659	ug/L 69
42) Toluene	7.97	91	1790	0.040	ug/L 86
47) Tetrachloroethene	8.56	164	42101	5.092	ug/L 95

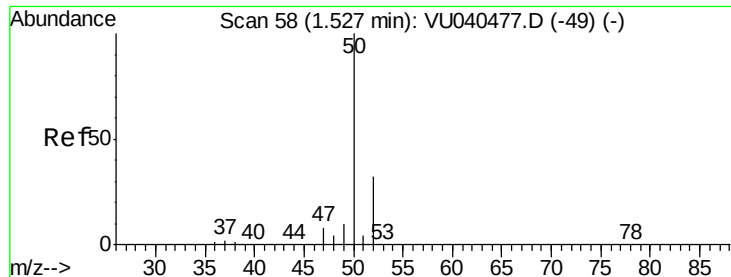
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.055 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040494.D

Acq: 03 Oct 2020 20:56

Instrument :

MSVOA_U

ClientSampled :

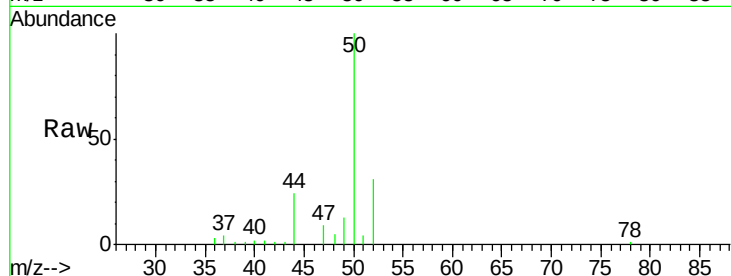
BFSA2

Tot Ion: 50 Resp: 13488

Ion Ratio Lower Upper

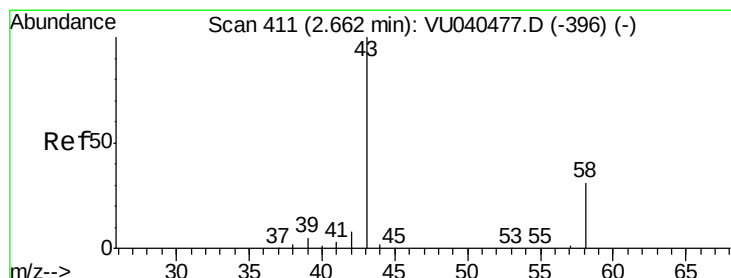
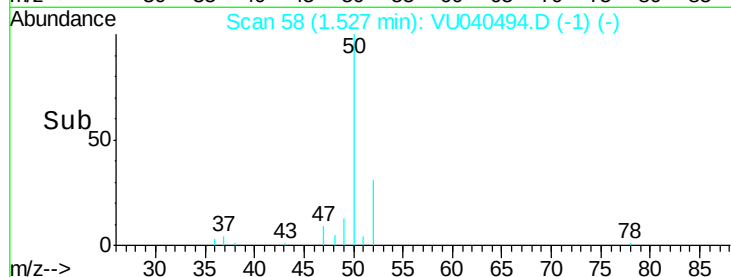
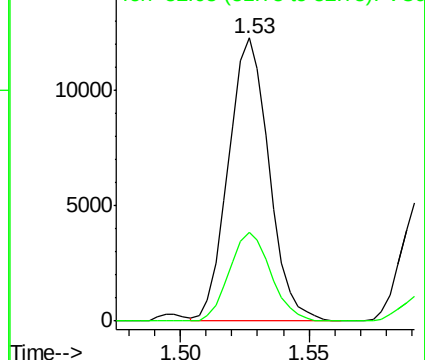
50 100

52 31.2 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 3.659 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU040494.D

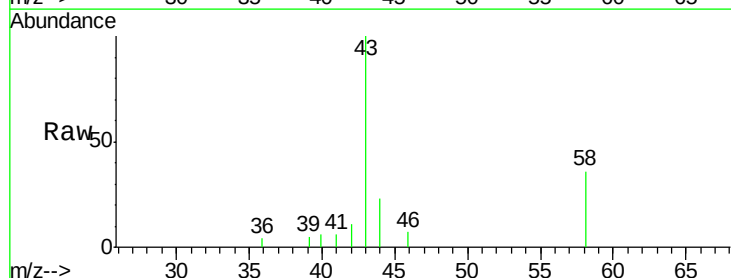
Acq: 03 Oct 2020 20:56

Tgt Ion: 43 Resp: 9752

Ion Ratio Lower Upper

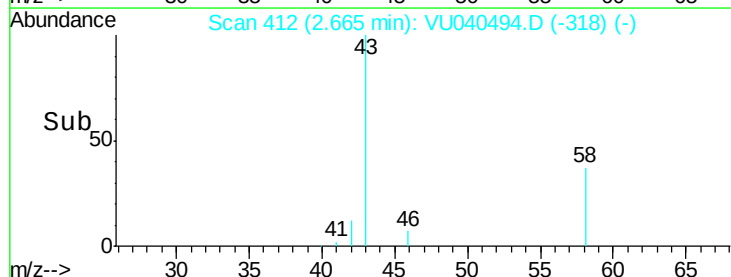
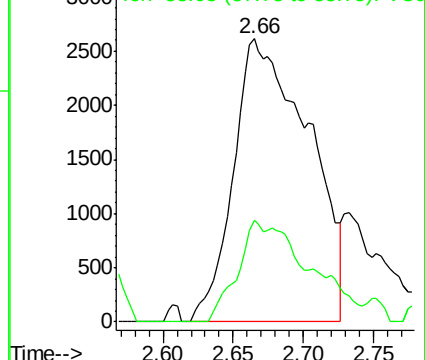
43 100

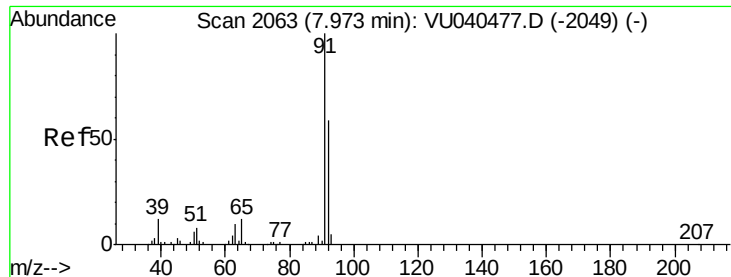
58 14.1 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#42

Toluene

Concen: 0.040 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU040494.D

Acq: 03 Oct 2020 20:56

Instrument :

MSVOA_U

ClientSampled :

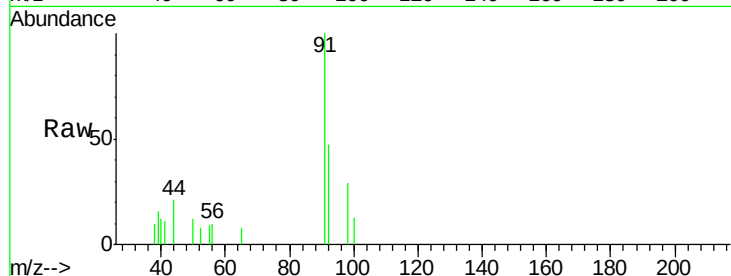
BFSA2

Tot Ion: 91 Resp: 1790

Ion Ratio Lower Upper

91 100

92 46.6 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU040494.D (-1970) (-)

Ion 92.15 (91.85 to 92.85): VU040494.D (-1970) (-)

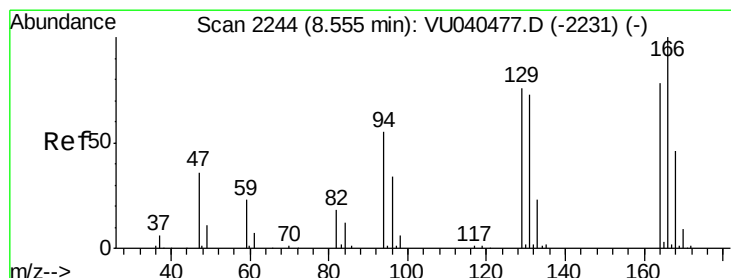
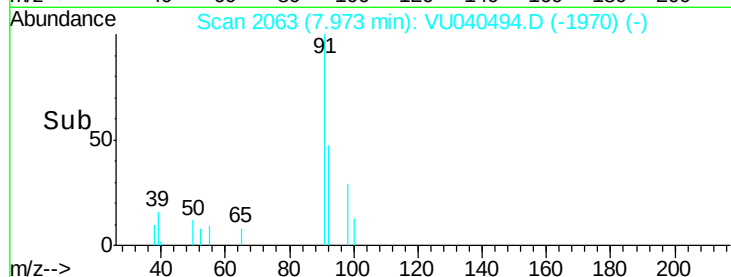
7.97

1000

500

0

Time-->



#47

Tetrachloroethene

Concen: 5.092 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040494.D

Acq: 03 Oct 2020 20:56

Tgt Ion: 164 Resp: 42101

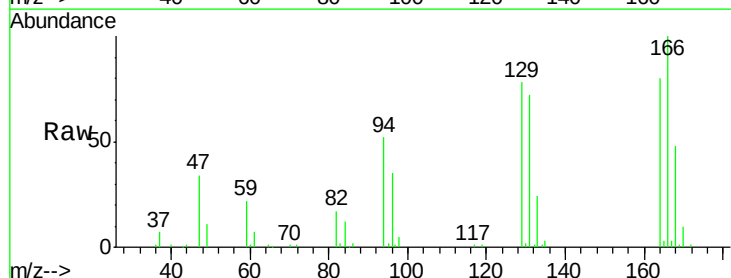
Ion Ratio Lower Upper

164 100

129 98.3 70.3 130.7

131 90.2 69.2 128.6

166 125.5 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040494.D (-2151) (-)

Ion 128.95 (128.65 to 129.65): VU040494.D (-2151) (-)

Ion 130.95 (130.65 to 131.65): VU040494.D (-2151) (-)

Ion 165.90 (165.60 to 166.60): VU040494.D (-2151) (-)

50000

40000

30000

20000

10000

0

Time-->

