

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040294.D
 Acq On : 25 Sep 2020 12:55
 Operator : SY/MD
 Sample : L4147-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB3

Quant Time: Sep 26 06:15:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 04:43:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130379	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	36206	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.92	69	31754	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.58	63	56754	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	165227	58.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.06%
24) Chloroform-d	5.08	84	76192	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	48146	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	142672	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.70	67	48679	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	119374	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	8.19	79	18947	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.64	63	121727	54.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.96%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44897	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	48963	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

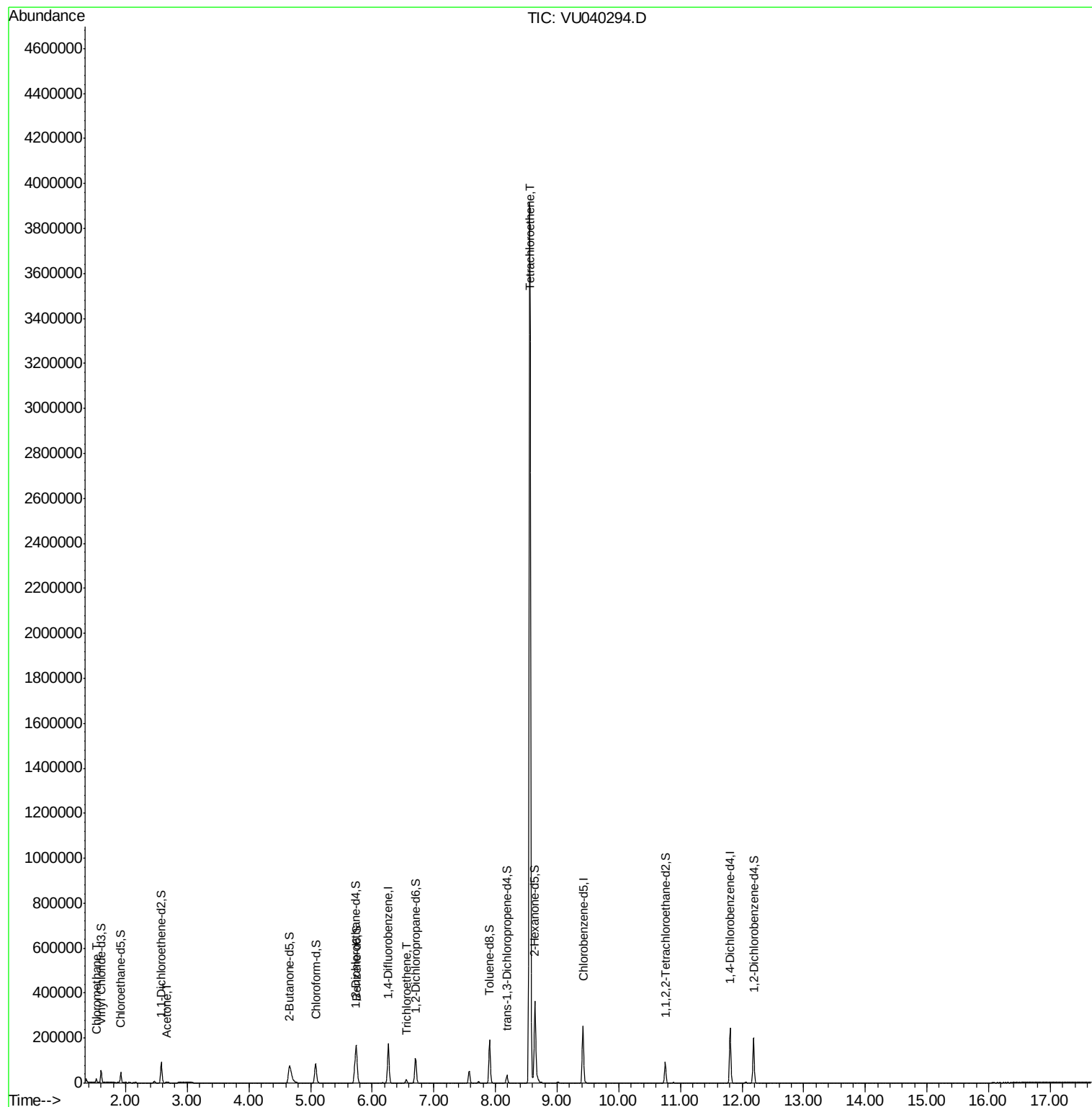
					Ovalue
3) Chloromethane	1.52	50	10346	0.835 ug/L	99
13) Acetone	2.67	43	7546	2.863 ug/L	92
34) Trichloroethene	6.55	95	4535	0.357 ug/L	92
47) Tetrachloroethene	8.56	164	779778	93.560 ug/L	97

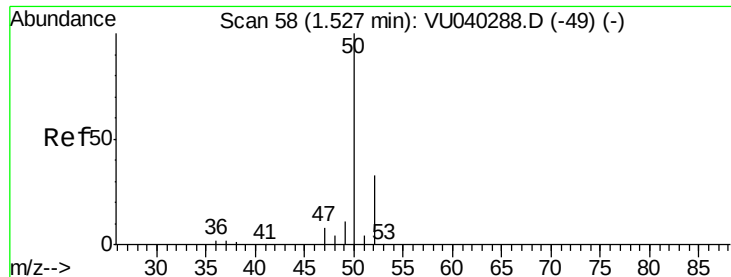
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.835 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040294.D

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MSVOA_U

ClientSampleId :

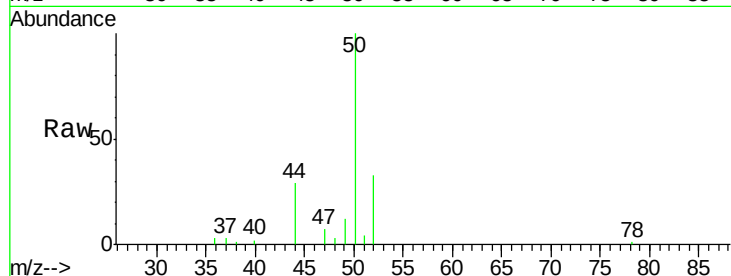
BFSB3

Tot Ion: 50 Resp: 10346

Ion Ratio Lower Upper

50 100

52 33.4 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

10000

8000

6000

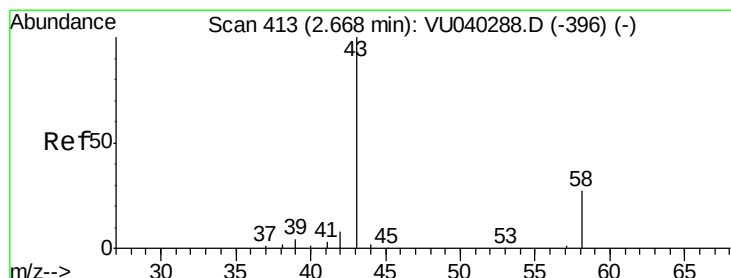
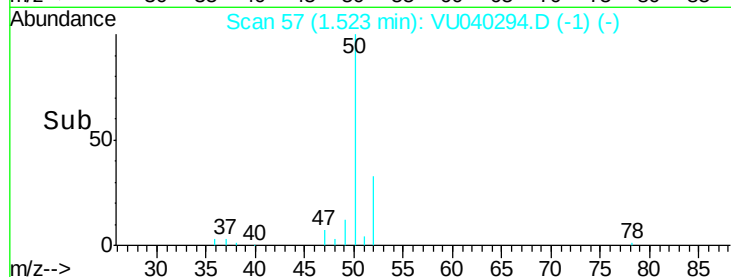
4000

2000

0

Time-->

1.50 1.55



#13

Acetone

Concen: 2.863 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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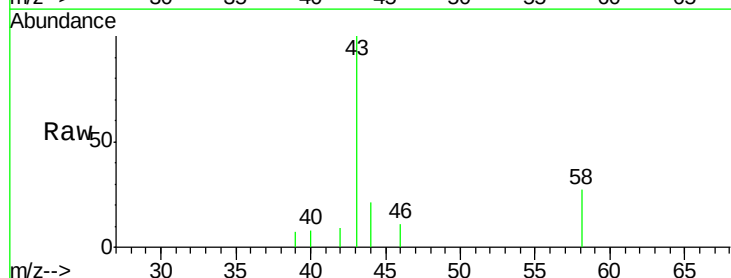
Acq: 25 Sep 2020 12:55

Tgt Ion: 43 Resp: 7546

Ion Ratio Lower Upper

43 100

58 32.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.67

2500

2000

1500

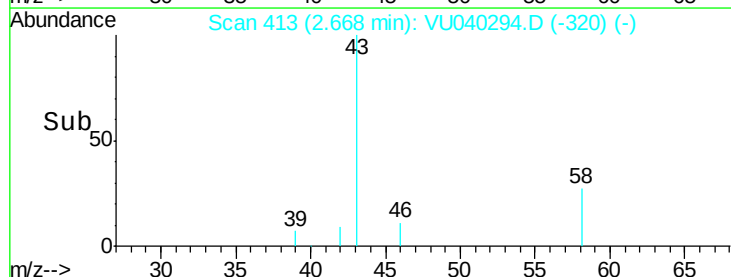
1000

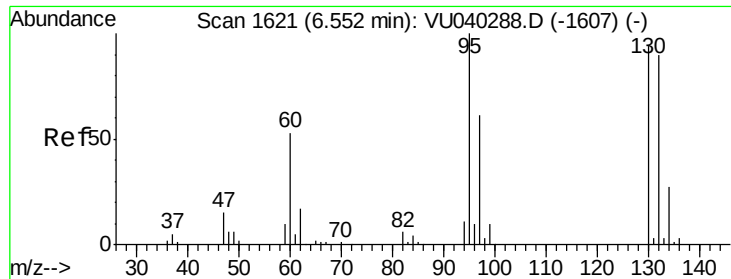
500

0

Time-->

2.60 2.65 2.70 2.75

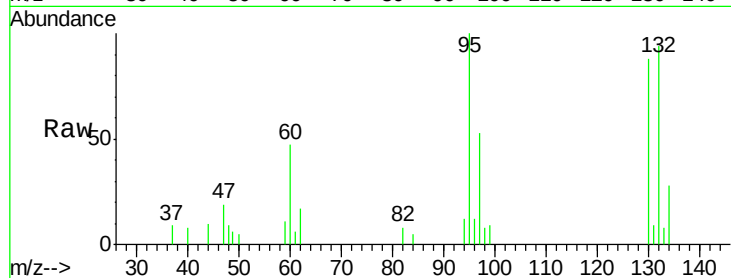




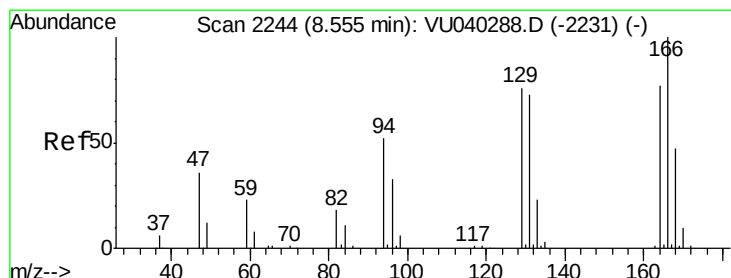
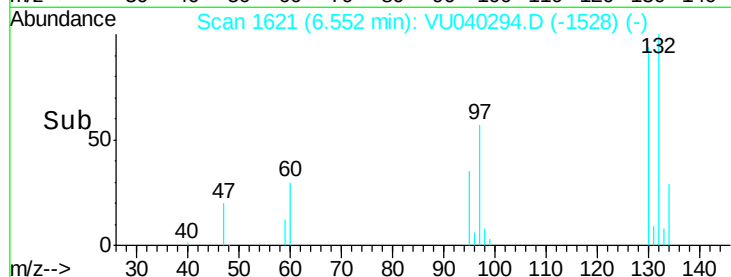
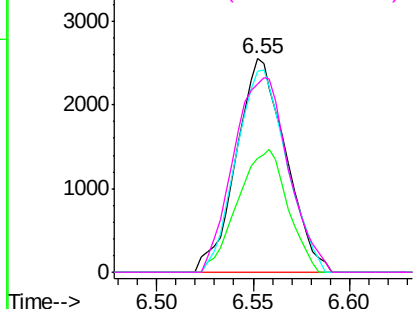
#34
 Trichloroethene
 Concen: 0.357 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
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Tot Ion: 95 Resp: 4535
 Ion Ratio Lower Upper
 95 100
 97 53.2 43.3 80.5
 132 94.0 59.4 110.4
 130 88.0 64.8 120.4

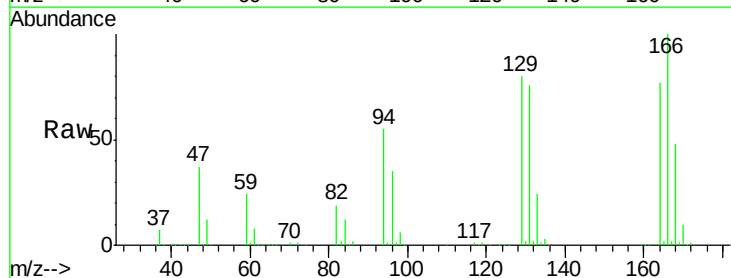


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 93.560 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040294.D
 Acq: 25 Sep 2020 12:55

Tgt Ion: 164 Resp: 779778
 Ion Ratio Lower Upper
 164 100
 129 102.9 71.5 132.7
 131 98.3 65.9 122.5
 166 129.3 87.3 162.1



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

