

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110220\
 Data File : VU041058.D
 Acq On : 02 Nov 2020 18:28
 Operator : SY/MD
 Sample : L4584-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF0

Quant Time: Nov 03 01:49:37 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	49485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21431	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21082	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.92	69	15927	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.58	63	31092	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.65	46	80063	58.48	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.96%
24) Chloroform-d	5.08	84	37499	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	24869	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	5.74	84	68816	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	23993	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.91	98	59514	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	9730	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.64	63	62388	59.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21829	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22085	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

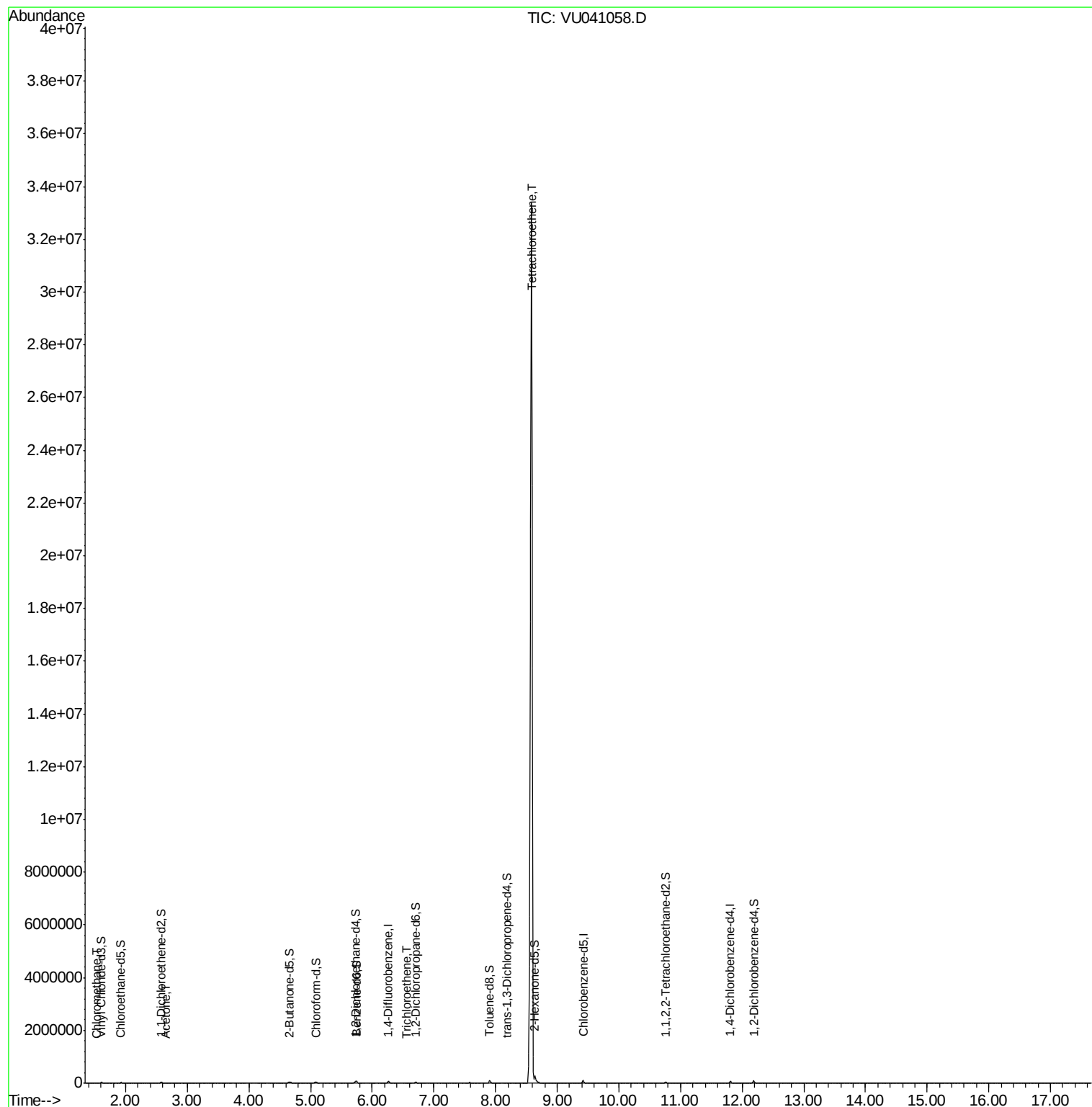
Target Compounds					Ovalue
3) Chloromethane	1.53	50	4054	0.861 ug/L	97
13) Acetone	2.66	43	4044	4.321 ug/L #	60
34) Trichloroethene	6.56	95	2363	0.601 ug/L	97
47) Tetrachloroethene	8.58	164	7271558	2515.387 ug/L	87

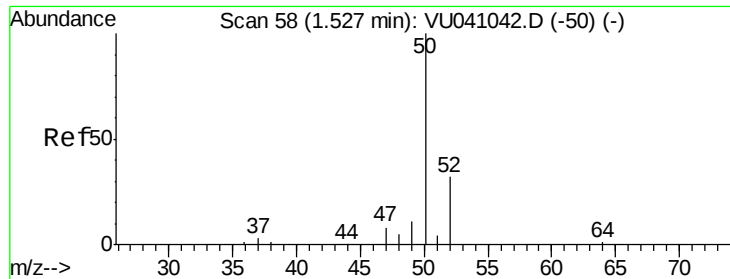
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.861 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

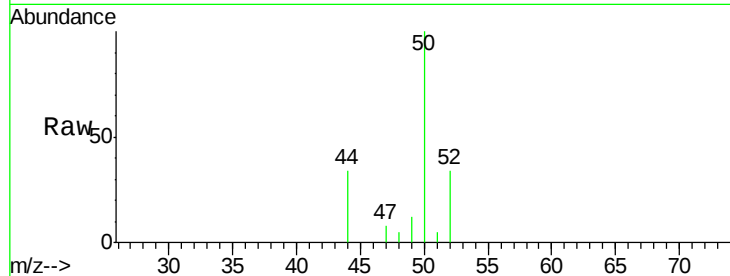
BFSF0

Tot Ion: 50 Resp: 4054

Ion Ratio Lower Upper

50 100

52 33.8 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

4000

3000

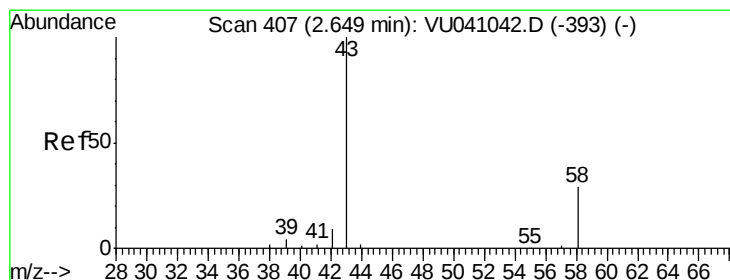
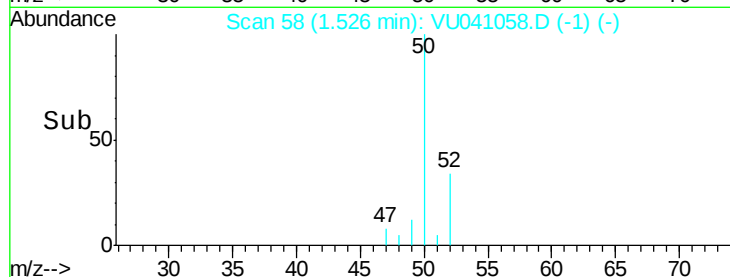
2000

1000

0

Time-->

1.48 1.50 1.52 1.54 1.56



#13

Acetone

Concen: 4.321 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

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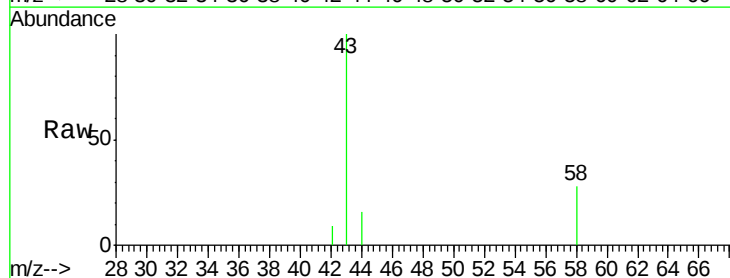
Acq: 02 Nov 2020 18:28

Tgt Ion: 43 Resp: 4044

Ion Ratio Lower Upper

43 100

58 28.5 0.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.66

1500

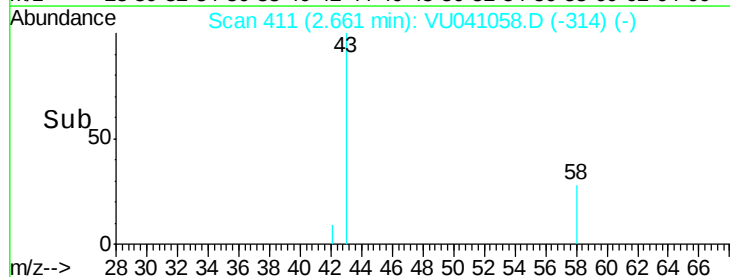
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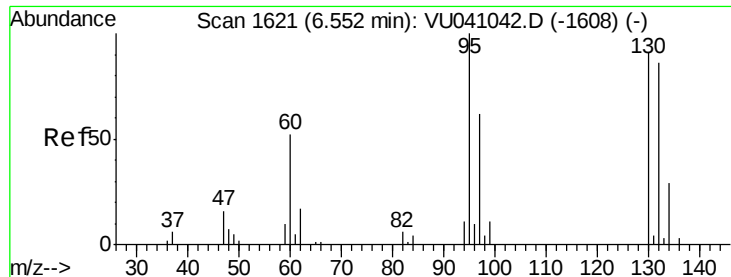
500

0

Time-->

2.60 2.65 2.70 2.75

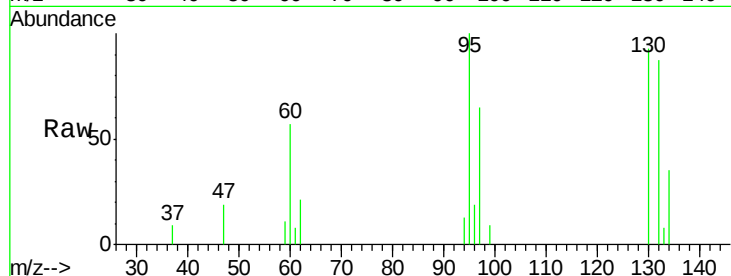




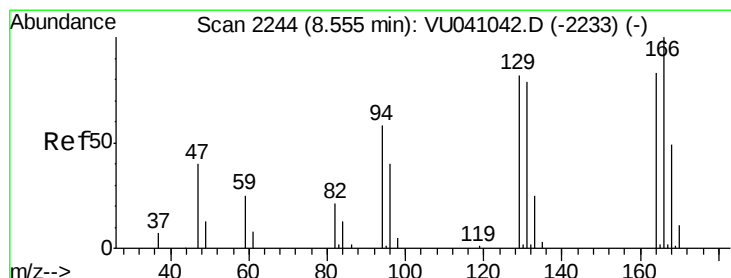
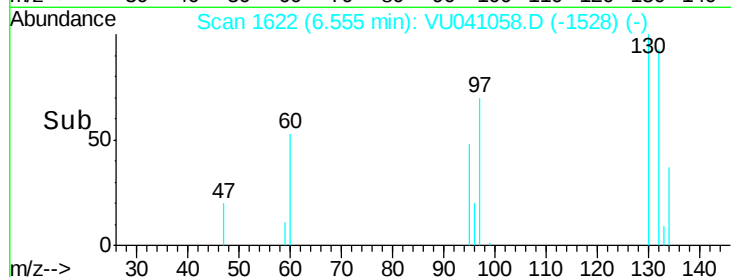
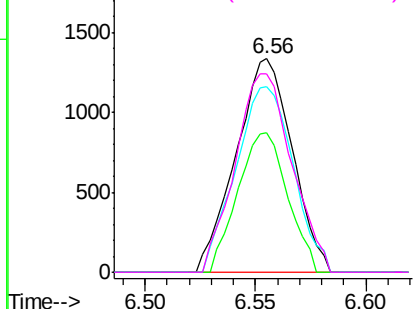
#34
 Trichloroethene
 Concen: 0.601 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
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 BFSF0

Tot Ion: 95 Resp: 2363
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.6 84.6
 132 86.8 64.8 120.4
 130 93.2 64.8 120.4

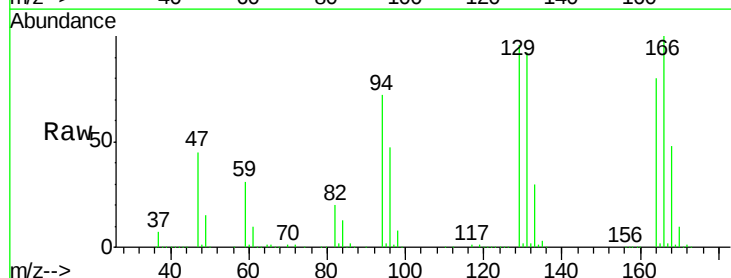


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 2515.387 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.03 min
 Lab File: VU041058.D
 Acq: 02 Nov 2020 18:28

Tgt Ion: 164 Resp: 7271558
 Ion Ratio Lower Upper
 164 100
 129 120.6 70.3 130.7
 131 115.9 70.8 131.4
 166 125.5 92.0 170.8



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

