

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037940.D
 Acq On : 30 Apr 2020 02:49
 Operator : JC/MD
 Sample : L2410-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFF5

Quant Time: Apr 30 06:40:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	653681	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	636123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	302715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	182329	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.84%
7) Chloroethane-d5	1.93	69	178483	40.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.64%
11) 1,1-Dichloroethene-d2	2.59	63	256320	27.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.46%#
21) 2-Butanone-d5	4.66	46	408054	90.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.17%
24) Chloroform-d	5.10	84	373509	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.74	65	265308	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
32) Benzene-d6	5.76	84	782672	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
36) 1,2-Dichloropropane-d6	6.72	67	270595	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.92	98	703643	42.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.12%
43) trans-1,3-Dichloropropene-	8.20	79	120290	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.66	63	267700	81.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	392642	46.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	272138	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

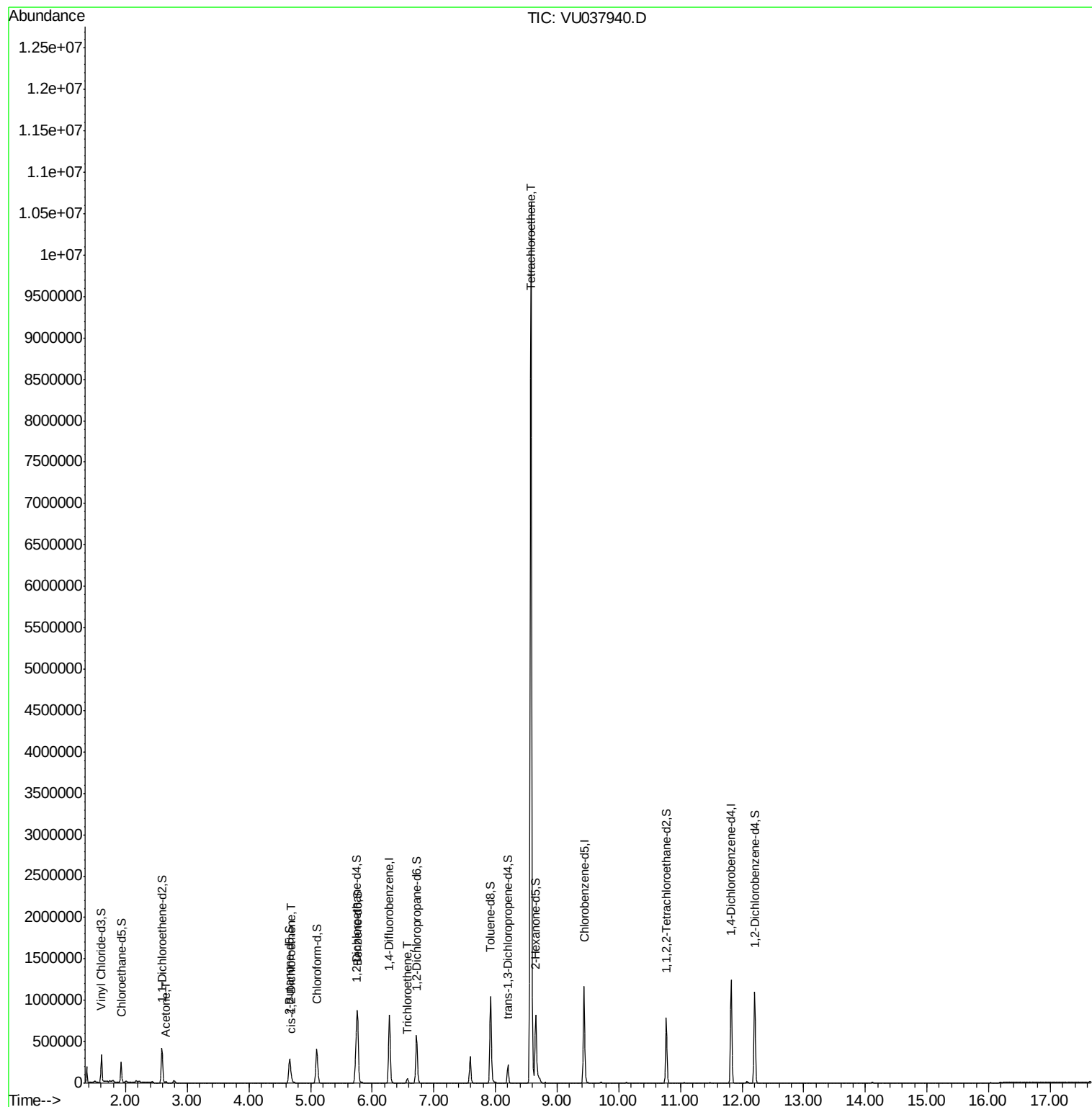
					Ovalue
13) Acetone	2.65	43	16903	6.260	ug/L 100
20) cis-1,2-Dichloroethene	4.70	96	3773	0.777	ug/L 82
34) Trichloroethene	6.57	95	15479	3.268	ug/L 97
46) Tetrachloroethene	8.57	164	2281928	659.213	ug/L 98

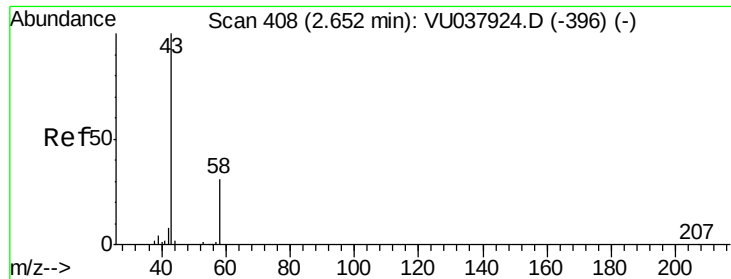
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.260 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037940.D

Acq: 30 Apr 2020 02:49

Instrument :

MSVOA_U

ClientSampleId :

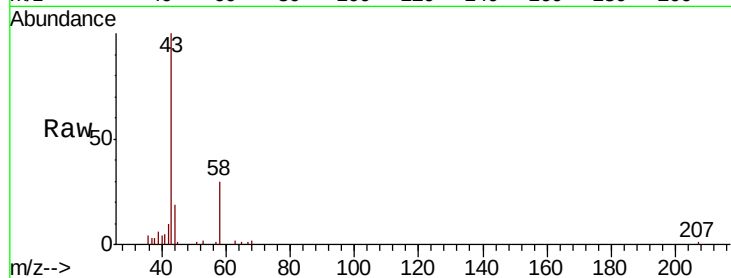
DBFF5

Tot Ion: 43 Resp: 16903

Ion Ratio Lower Upper

43 100

58 30.8 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037940.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037940.D (-315) (-)

2.65

10000

8000

6000

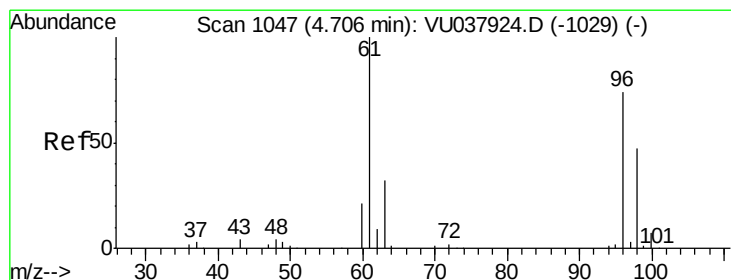
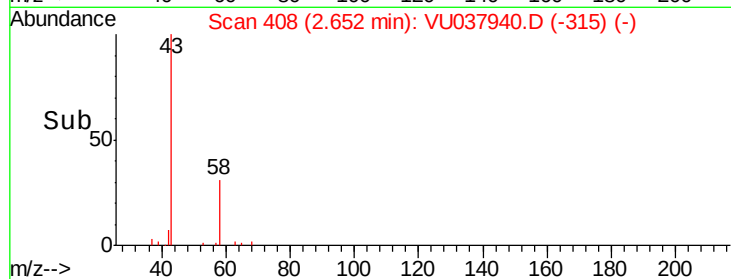
4000

2000

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 0.777 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU037940.D

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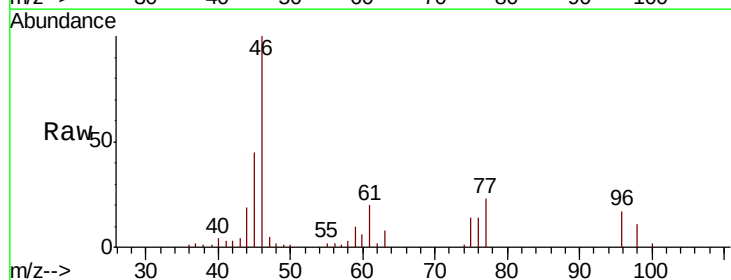
Tgt Ion: 96 Resp: 3773

Ion Ratio Lower Upper

96 100

61 120.6 100.4 186.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037940.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037940.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037940.D (-954) (-)

4.70

3000

2500

2000

1500

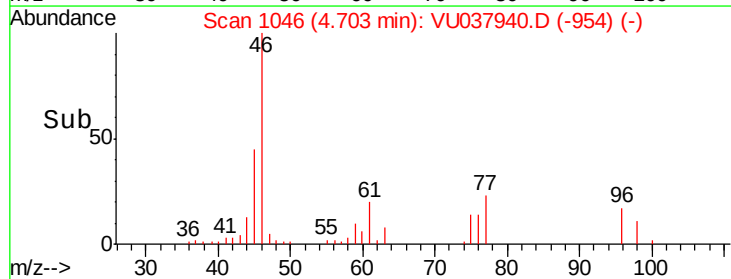
1000

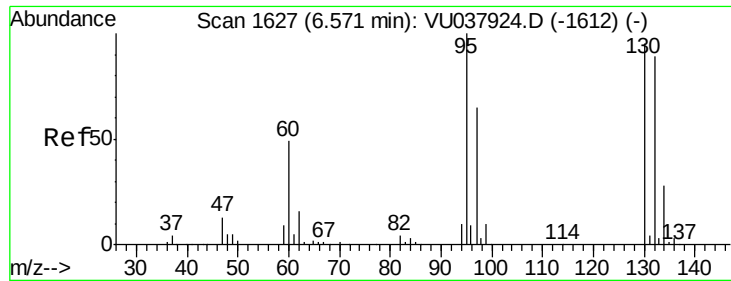
500

0

Time-->

4.65 4.70 4.75

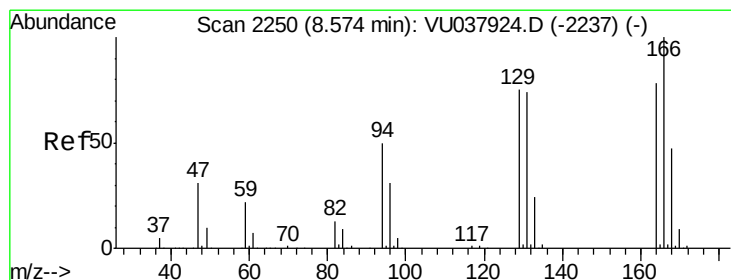
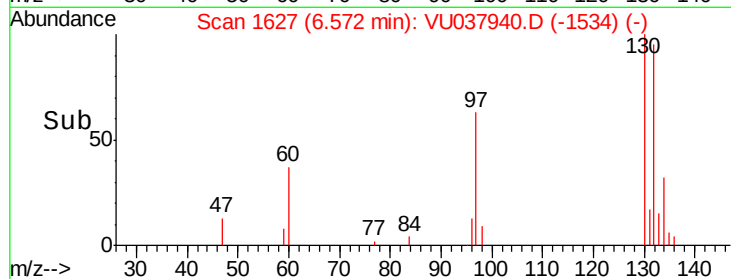
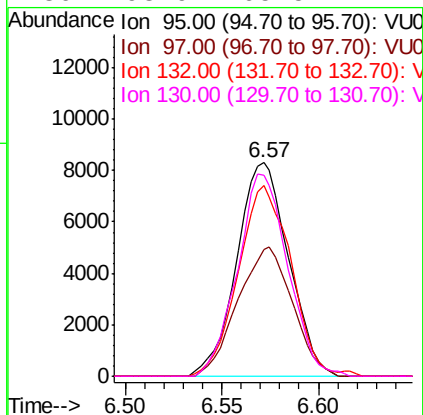
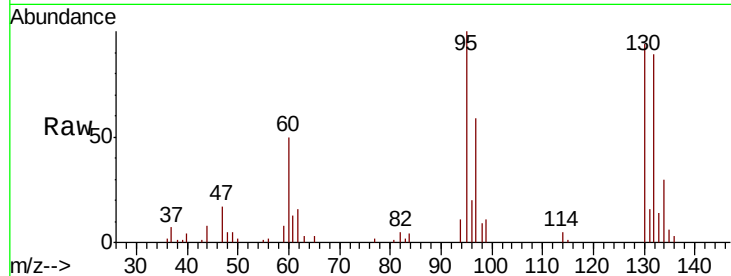




#34
 Trichloroethene
 Concen: 3.268 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037940.D
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Tot Ion:	95	Resp:	15479
Ion	Ratio	Lower	Upper
95	100		
97	59.2	44.4	82.5
132	89.1	65.0	120.6
130	93.9	65.5	121.7



#46
 Tetrachloroethene
 Concen: 659.213 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU037940.D
 Acq: 30 Apr 2020 02:49

Tgt Ion:	164	Resp:	2281928
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.3	125.1
131	95.9	64.8	120.4
166	127.6	88.5	164.4

