

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051320\
 Data File : VU038152.D
 Acq On : 13 May 2020 18:35
 Operator : JC/MD
 Sample : L2631-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8M9

Quant Time: May 14 03:21:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	341072	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	331771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156015	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117600	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.93	69	110807	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.59	63	156562	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.66	46	448613	58.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.56%
24) Chloroform-d	5.10	84	220097	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.74	65	137189	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.76	84	466905	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.72	67	155456	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	407724	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.20	79	56120	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.65	63	372072	61.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	134006	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	154607	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

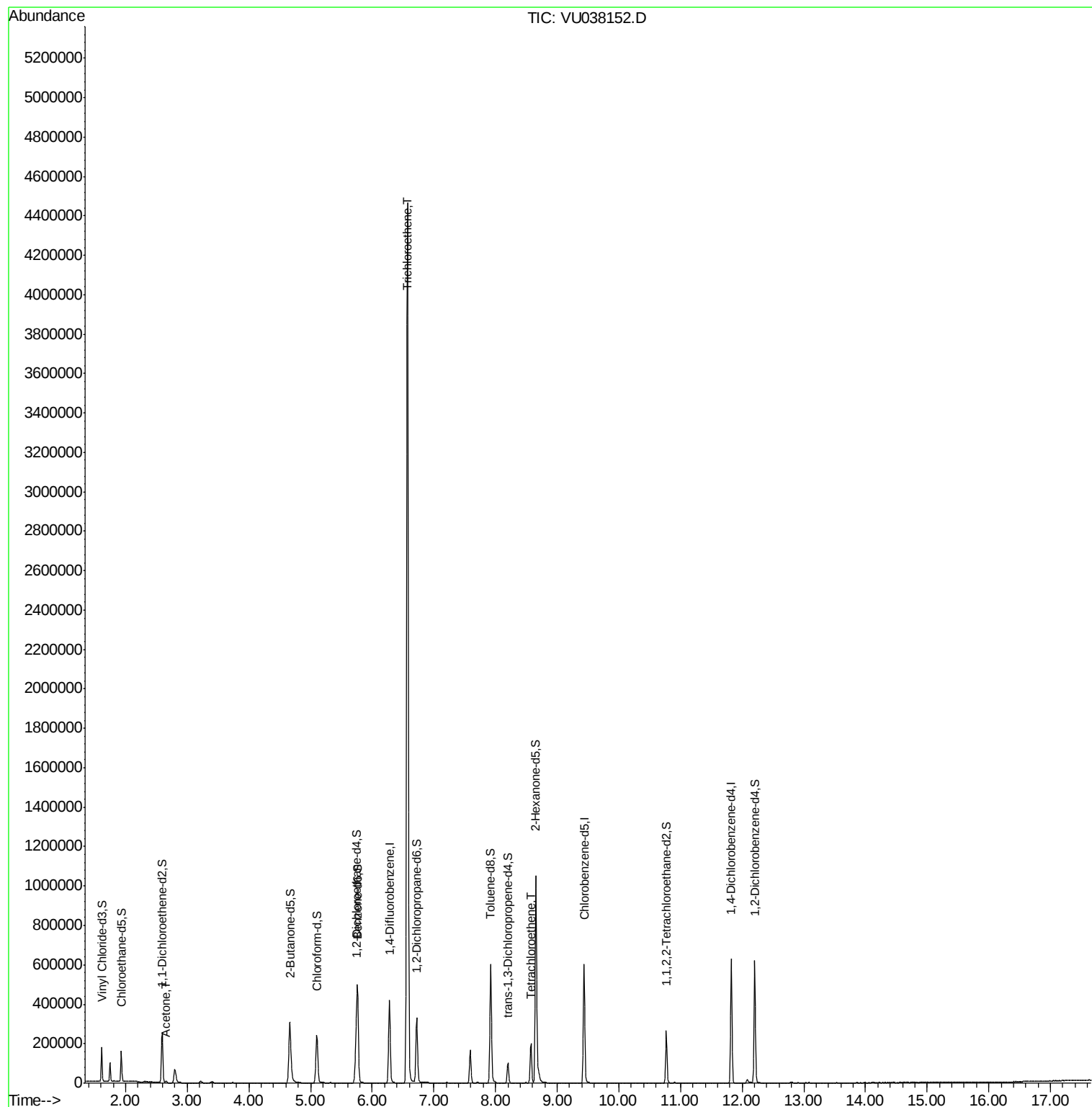
Target Compounds					Ovalue
13) Acetone	2.66	43	8320	1.723 ug/L	92
34) Trichloroethene	6.57	95	1511680	56.889 ug/L	98
47) Tetrachloroethene	8.57	164	42964	2.312 ug/L	95

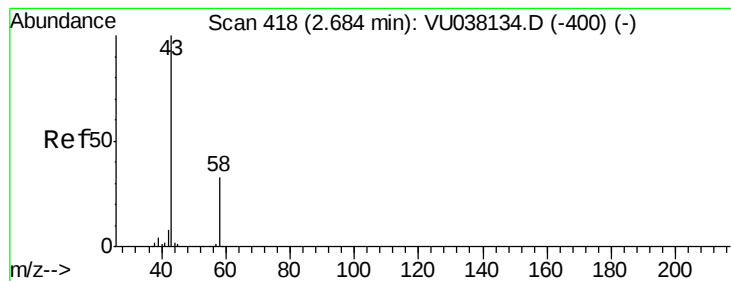
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.723 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038152.D

Acq: 13 May 2020 18:35

Instrument :

MSVOA_U

ClientSampled :

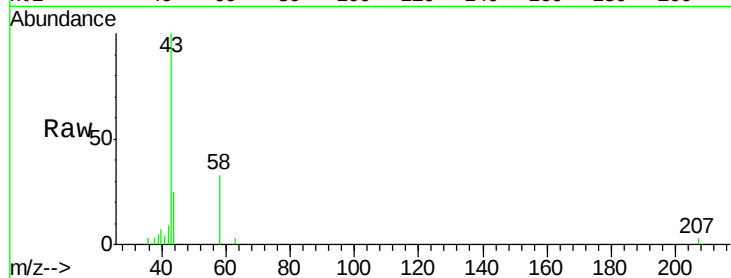
BF8M9

Tot Ion: 43 Resp: 8320

Ion Ratio Lower Upper

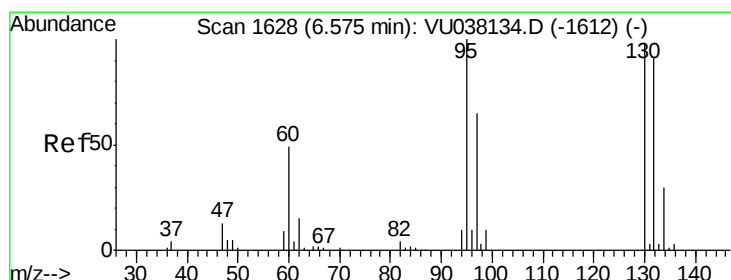
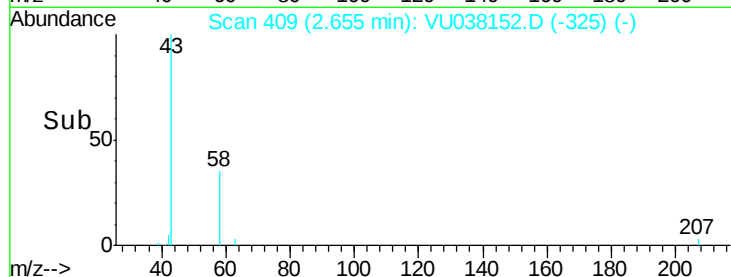
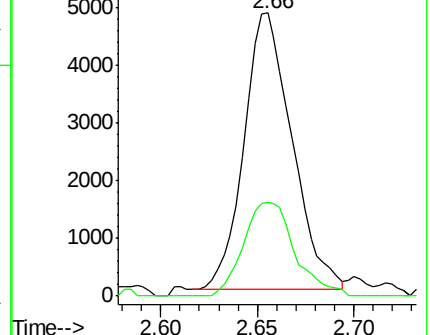
43 100

58 36.2 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038134.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038134.D (-400) (-)



#34

Trichloroethene

Concen: 56.889 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038152.D

Acq: 13 May 2020 18:35

Tgt Ion: 95 Resp: 1511680

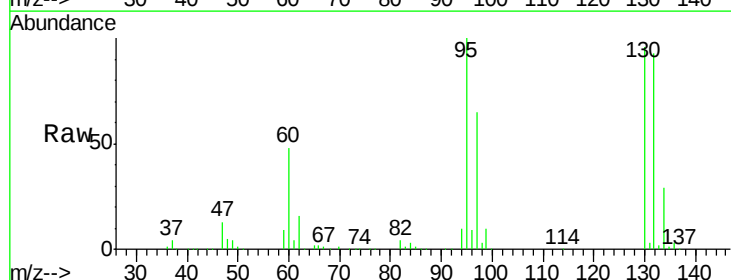
Ion Ratio Lower Upper

95 100

97 64.7 44.9 83.3

132 92.9 63.3 117.5

130 96.2 65.7 122.1

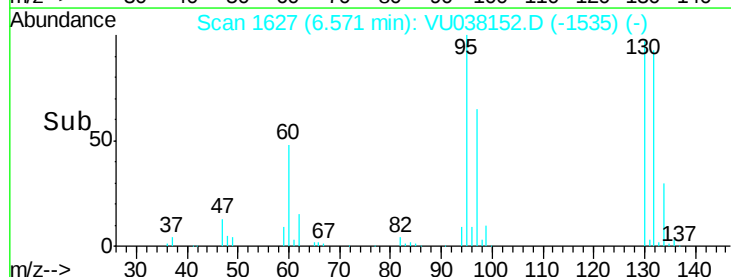
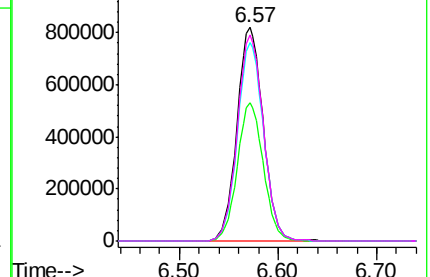


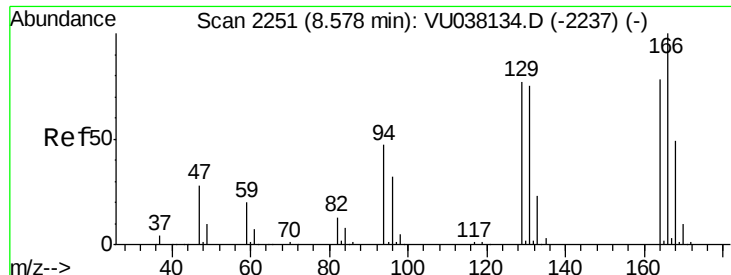
Abundance Ion 95.00 (94.70 to 95.70): VU038134.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038134.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038134.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038134.D (-1612) (-)





#47

Tetrachloroethene

Concen: 2.312 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038152.D

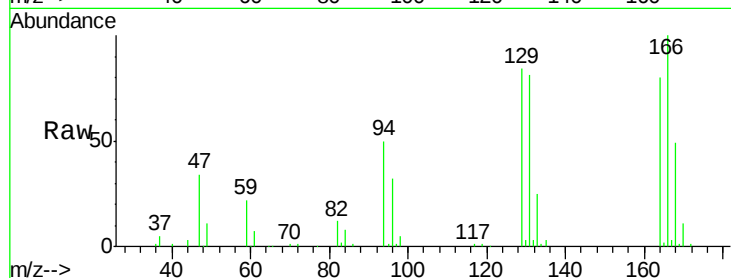
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Tot Ion:164 Resp: 42964

Ion Ratio Lower Upper

164 100

129 105.1 68.8 127.8

131 101.5 66.8 124.2

166 125.0 88.9 165.1

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

