

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050820\
 Data File : VU038087.D
 Acq On : 08 May 2020 16:39
 Operator : JC/MD
 Sample : L2528-07DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS4DL

Quant Time: May 09 01:00:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	361678	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	142441	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	126258	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.59	63	174179	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	391752	48.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.00%
24) Chloroform-d	5.10	84	223896	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.74	65	134638	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.76	84	498357	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	163374	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	437503	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	57597	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.65	63	323732	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122430	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	152417	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

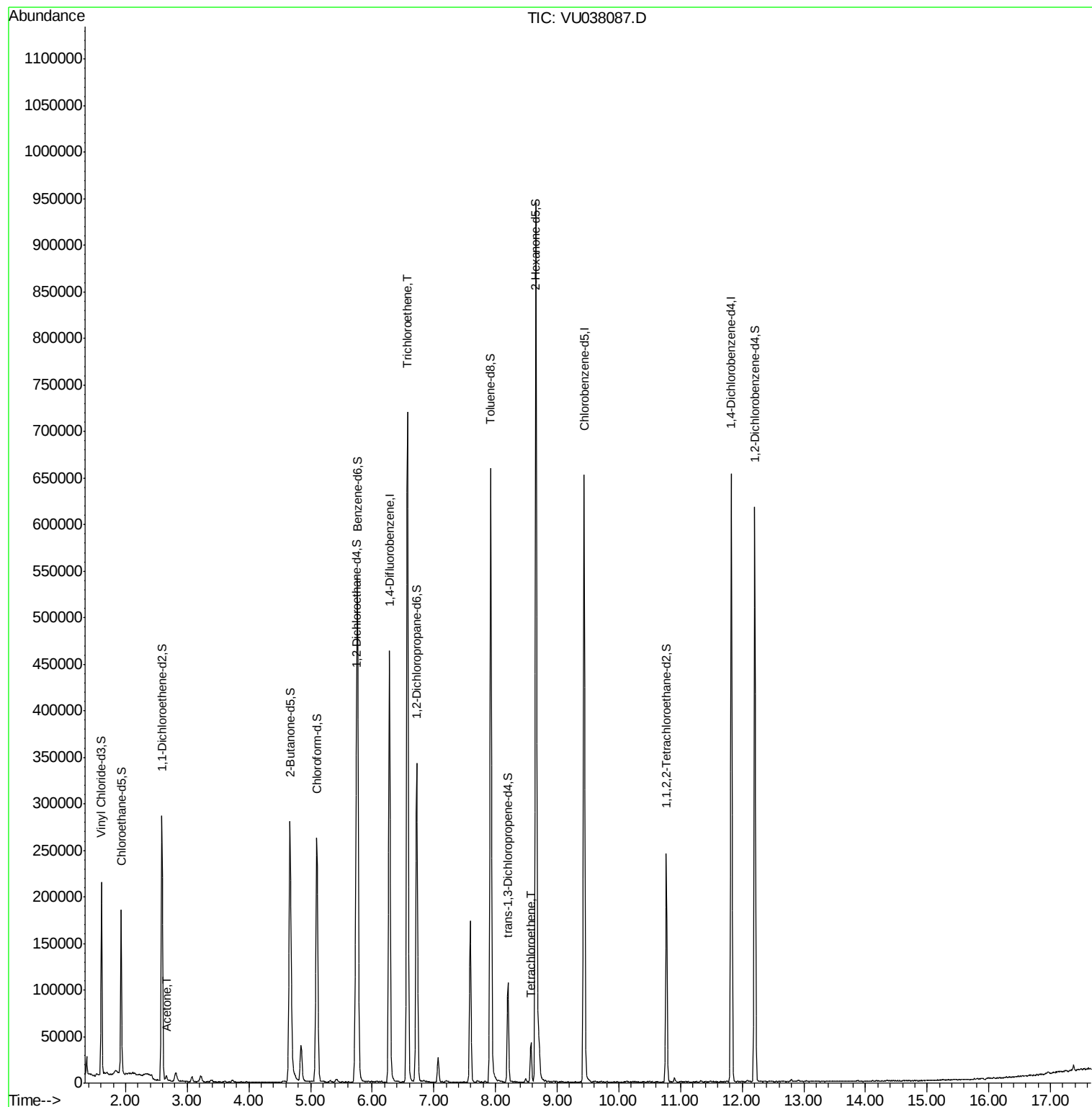
Target Compounds					Ovalue
13) Acetone	2.66	43	6306	1.231 ug/L	98
34) Trichloroethene	6.57	95	243636	8.620 ug/L	97
47) Tetrachloroethene	8.57	164	9094	0.460 ug/L	91

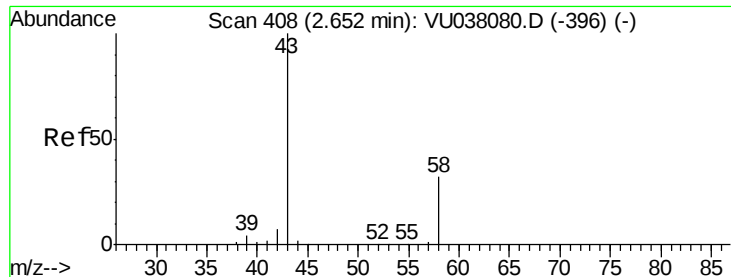
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.231 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU038087.D

Acq: 08 May 2020 16:39

Instrument :

MSVOA_U

ClientSampleId :

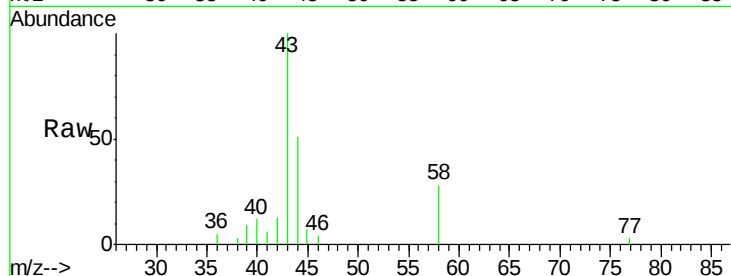
BFSL4DL

Tot Ion: 43 Resp: 6306

Ion Ratio Lower Upper

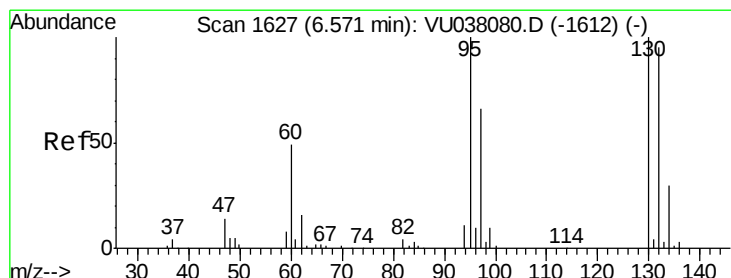
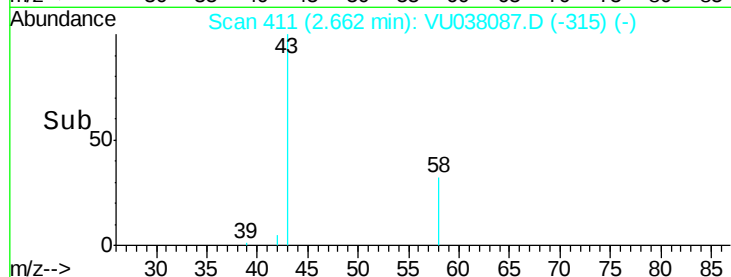
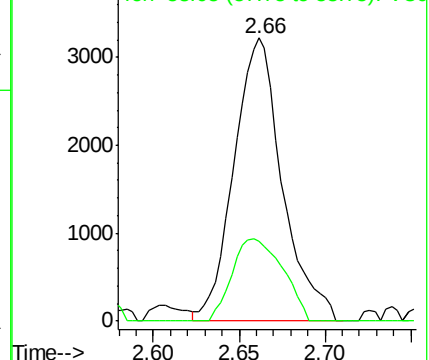
43 100

58 30.5 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038080.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VU038080.D (-396) (-)



#34

Trichloroethene

Concen: 8.620 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038087.D

Acq: 08 May 2020 16:39

Tgt Ion: 95 Resp: 243636

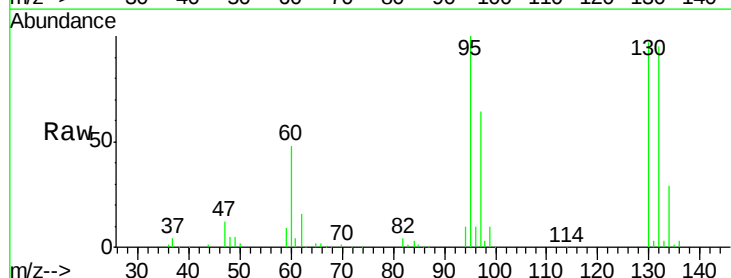
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.3

132 94.6 63.3 117.5

130 96.9 65.7 122.1

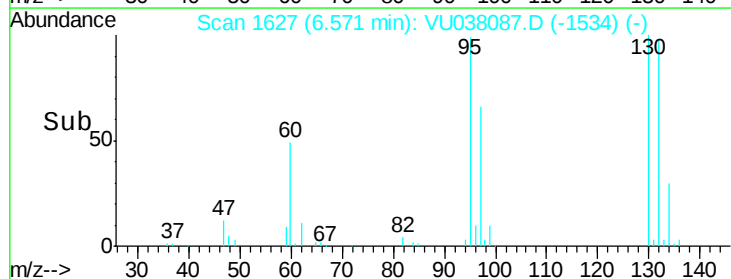
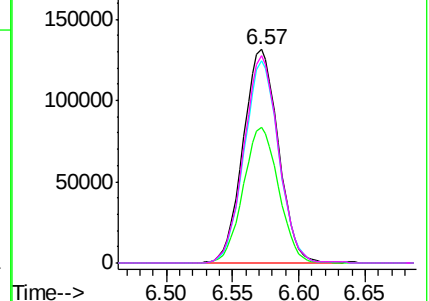


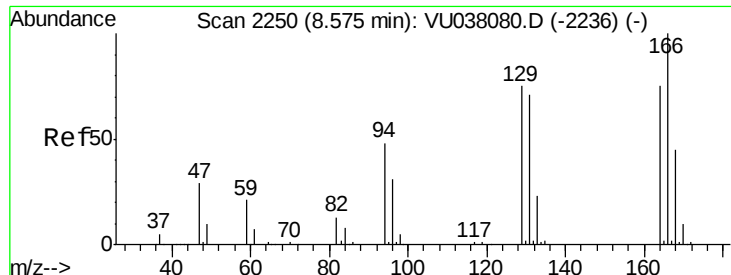
Abundance Ion 95.00 (94.70 to 95.70): VU038080.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038080.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038080.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038080.D (-1612) (-)





#47

Tetrachloroethene

Concen: 0.460 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038087.D

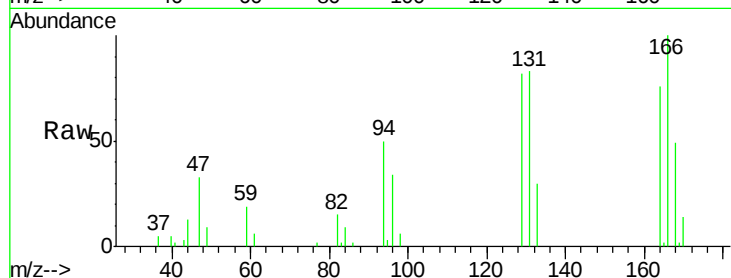
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Tot Ion:164 Resp: 9094

Ion Ratio Lower Upper

164 100

129 108.5 68.8 127.8

131 109.2 66.8 124.2

166 132.3 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

