

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038166.D
 Acq On : 14 May 2020 14:00
 Operator : JC/MD
 Sample : L2631-04DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8M8DL

Quant Time: May 15 02:20:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	362485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	352850	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110749	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.93	69	109844	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.59	63	151813	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.67	46	454482	55.56	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	5.10	84	216788	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	133275	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.76	84	457748	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	153276	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	401284	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	56871	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.65	63	366181	56.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	128811	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	151660	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

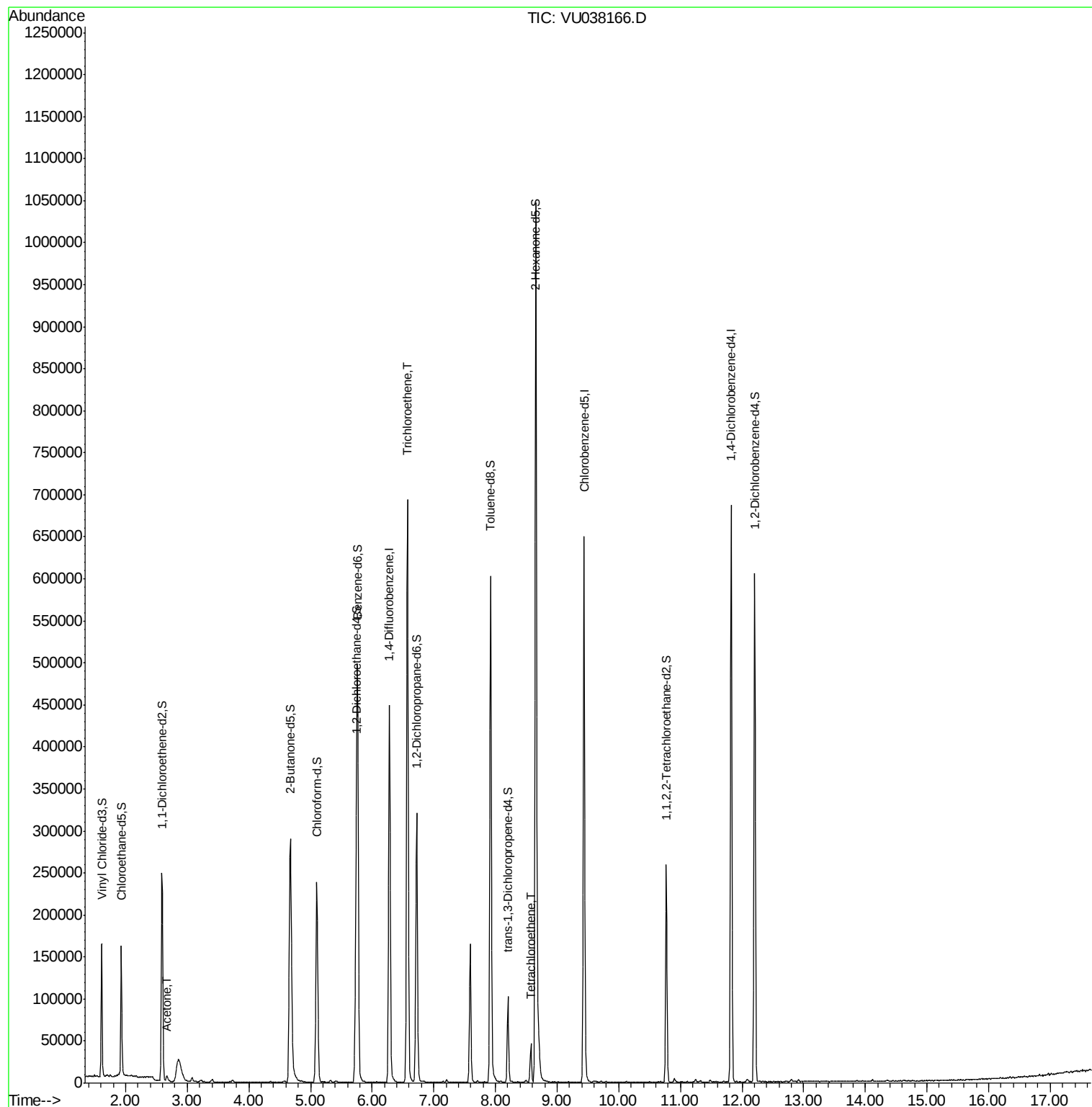
Target Compounds					Ovalue
13) Acetone	2.67	43	9148	1.782 ug/L	94
34) Trichloroethene	6.57	95	236647	8.374 ug/L	98
47) Tetrachloroethene	8.57	164	10035	0.508 ug/L	97

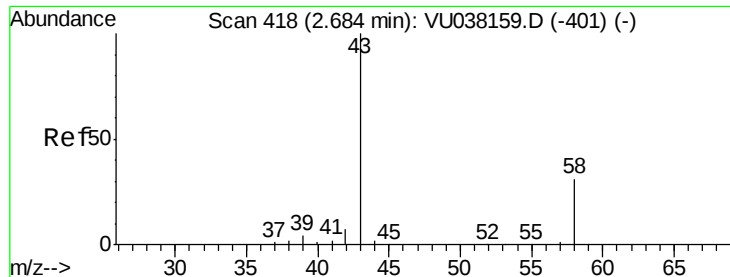
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.782 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038166.D

Acq: 14 May 2020 14:00

Instrument :

MSVOA_U

ClientSampleId :

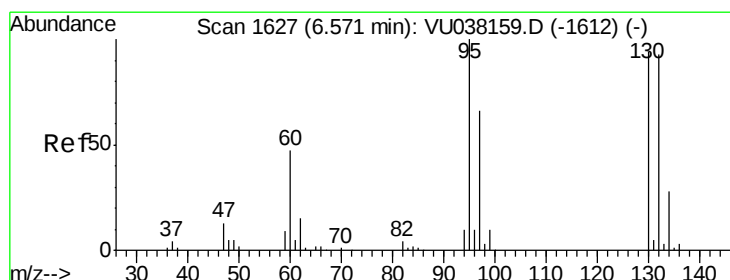
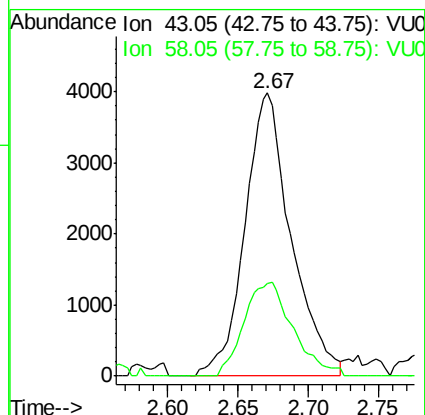
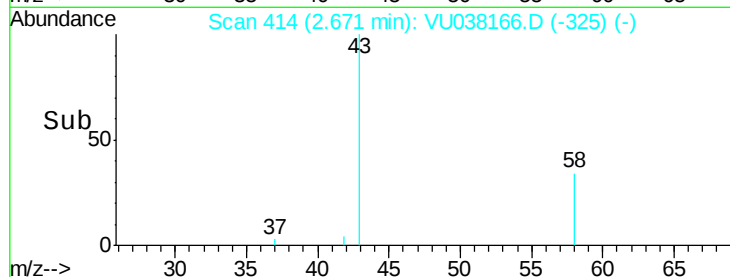
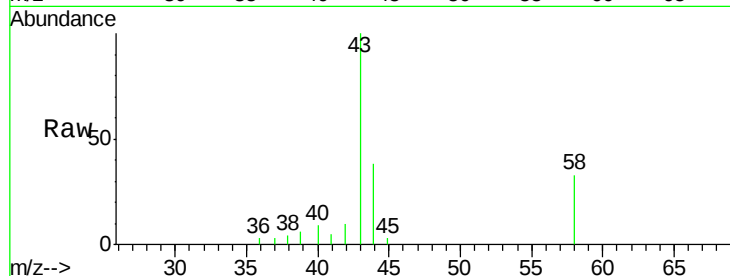
BF8M8DL

Tot Ion: 43 Resp: 9148

Ion Ratio Lower Upper

43 100

58 35.1 0.0 63.6



#34

Trichloroethene

Concen: 8.374 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038166.D

Acq: 14 May 2020 14:00

Tgt Ion: 95 Resp: 236647

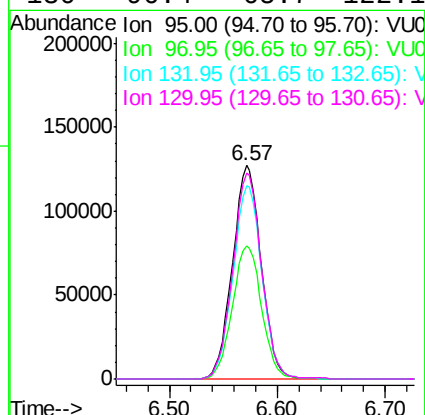
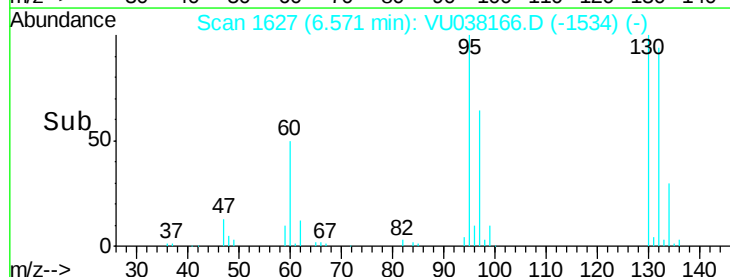
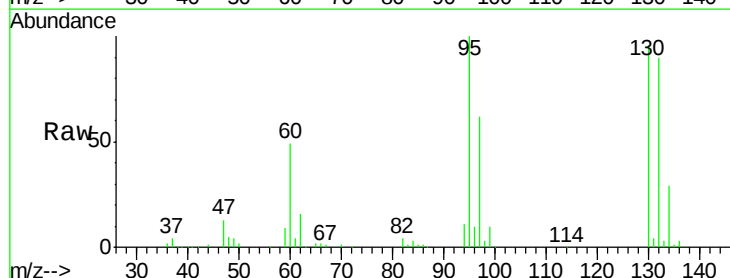
Ion Ratio Lower Upper

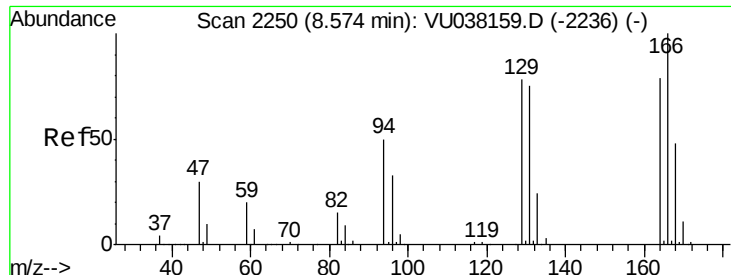
95 100

97 62.2 44.9 83.3

132 90.3 63.3 117.5

130 96.4 65.7 122.1





#47

Tetrachloroethene

Concen: 0.508 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038166.D

Acq: 14 May 2020 14:00

Instrument :

MSVOA_U

ClientSampleId :

BF8M8DL

Tot Ion:164 Resp: 10035

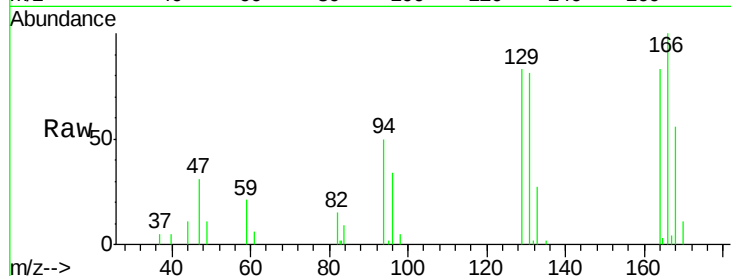
Ion Ratio Lower Upper

164 100

129 99.5 68.8 127.8

131 97.9 66.8 124.2

166 120.4 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

