

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061620\
 Data File : VU038925.D
 Acq On : 16 Jun 2020 15:54
 Operator : SY/MD
 Sample : VIBLK22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK22

Quant Time: Jun 17 04:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 17 02:00:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	251394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110838	5.00	ug/L	0.00

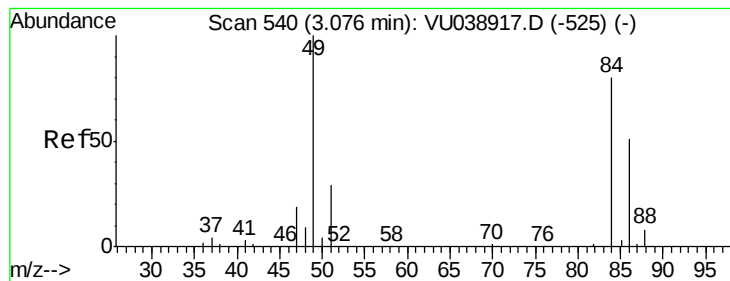
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60168	4.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.80%
7) Chloroethane-d5	1.93	69	56117	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	99472	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	246402	54.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	5.10	84	147244	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	88221	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	278281	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	89208	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.92	98	221392	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	34301	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.66	63	196063	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103609	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	92608	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds					Ovalue
16) Methylene chloride	3.08	84	4245	0.207 ug/L	99
34) Trichloroethene	6.58	95	2673	0.137 ug/L	88
47) Tetrachloroethene	8.58	164	1634	0.109 ug/L	81

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

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ALS Vial  : 1 Sample Multiplier: 1
```



#16

Methvlene chloride

Concen: 0.207 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Instrument :

MSVOA_U

ClientSampleId :

VIBLK22

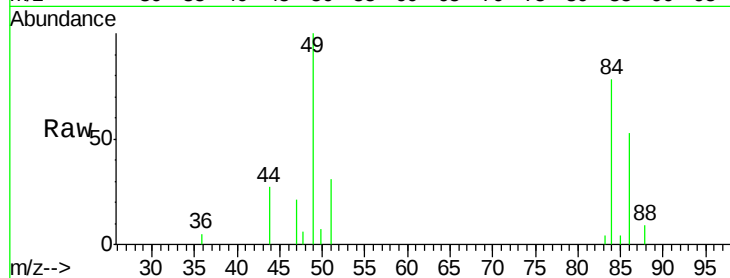
Tot Ion: 84 Resp: 4245

Ion Ratio Lower Upper

84 100

86 68.4 47.9 89.1

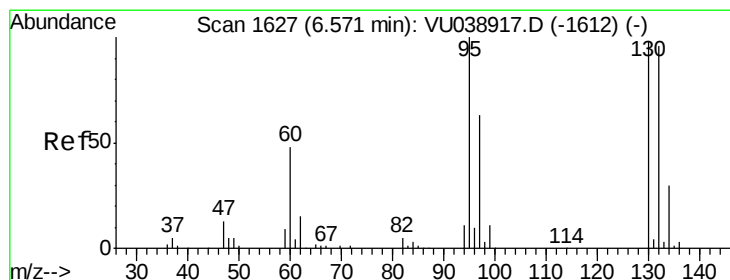
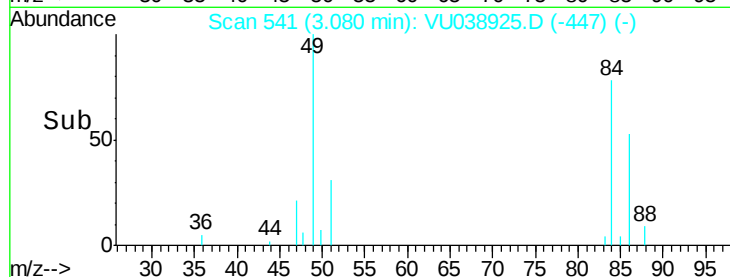
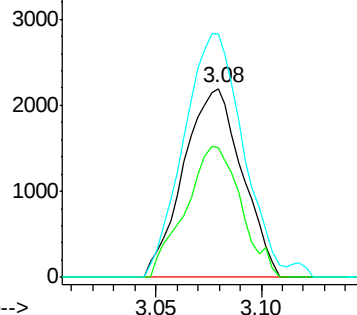
49 128.8 88.4 164.2



Abundance Ion 84.05 (83.75 to 84.75): VU038917.D (-525) (-)

Ion 86.00 (85.70 to 86.70): VU038917.D (-525) (-)

Ion 49.10 (48.80 to 49.80): VU038917.D (-525) (-)



#34

Trichloroethene

Concen: 0.137 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. 0.01 min

Lab File: VU038925.D

Acq: 16 Jun 2020 15:54

Tgt Ion: 95 Resp: 2673

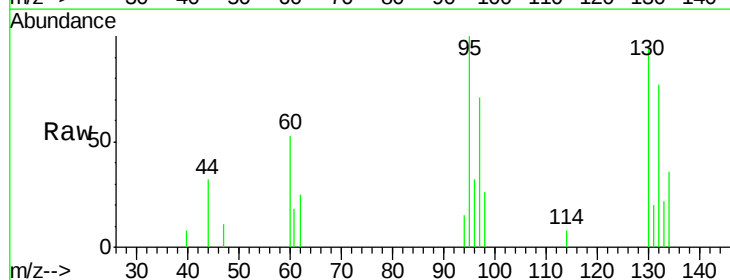
Ion Ratio Lower Upper

95 100

97 71.2 46.1 85.5

132 76.7 68.2 126.6

130 95.5 71.0 131.9

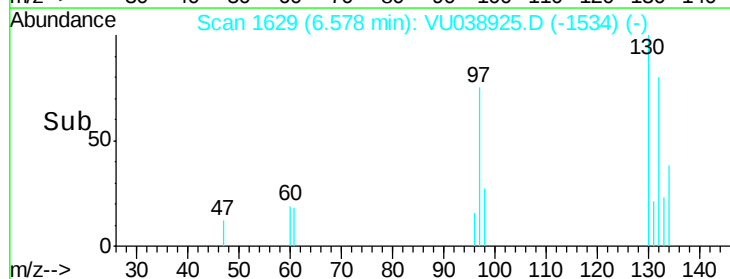
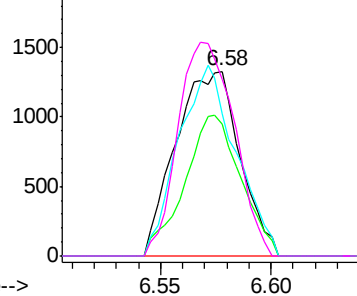


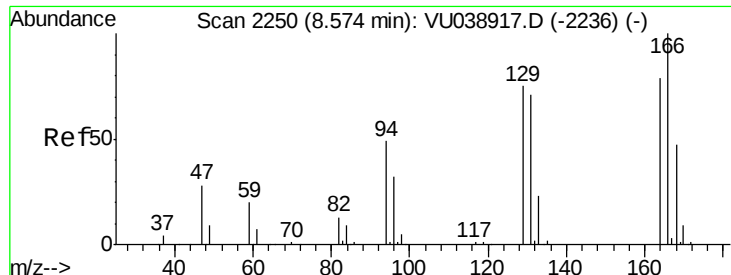
Abundance Ion 95.00 (94.70 to 95.70): VU038917.D (-1612) (-)

Ion 96.95 (96.65 to 97.65): VU038917.D (-1612) (-)

Ion 131.95 (131.65 to 132.65): VU038917.D (-1612) (-)

Ion 129.95 (129.65 to 130.65): VU038917.D (-1612) (-)





#47

Tetrachloroethene

Concen: 0.109 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU038925.D

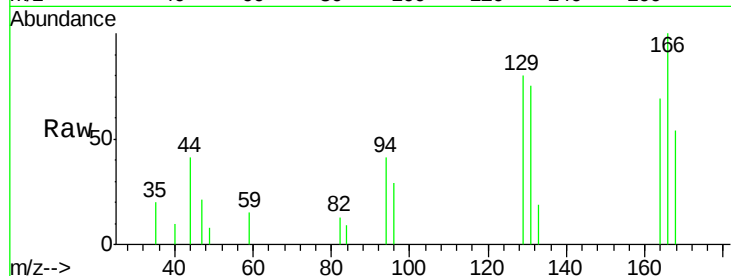
Acq: 16 Jun 2020 15:54

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Tot Ion:164 Resp: 1634

Ion Ratio Lower Upper

164 100

129 115.3 65.5 121.7

131 108.6 63.9 118.7

166 144.9 87.9 163.3

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

