

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037971.D
 Acq On : 01 May 2020 00:05
 Operator : JC/MD
 Sample : L2410-07DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF5DL

Quant Time: May 01 07:08:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	679822	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	680637	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	337421	50.00	ug/L	0.00

System Monitoring Compounds

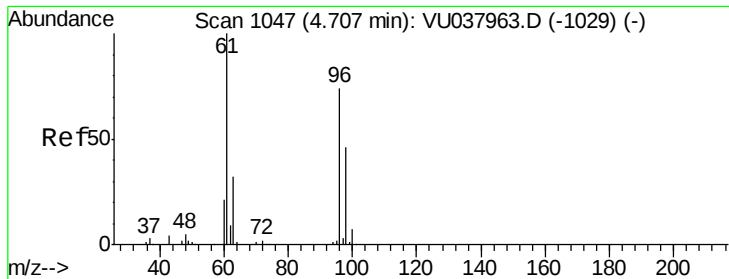
4) Vinyl Chloride-d3	1.61	65	262447	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.89	69	217151	44.64	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.28%
11) 1,1-Dichloroethene-d2	2.58	63	319844	32.70	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.66	46	407888	87.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.27%
24) Chloroform-d	5.10	84	404734	43.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.42%
26) 1,2-Dichloroethane-d4	5.74	65	292150	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
32) Benzene-d6	5.76	84	902244	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.72	67	300076	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.92	98	819909	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	8.20	79	134788	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.42%
47) 2-Hexanone-d5	8.65	63	304422	105.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.23%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	464147	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	12.20	152	321551	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	326046	61.341 ug/L	96
34) Trichloroethene	6.57	95	90423	17.525 ug/L	96
46) Tetrachloroethene	8.57	164	65100	17.282 ug/L	97

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

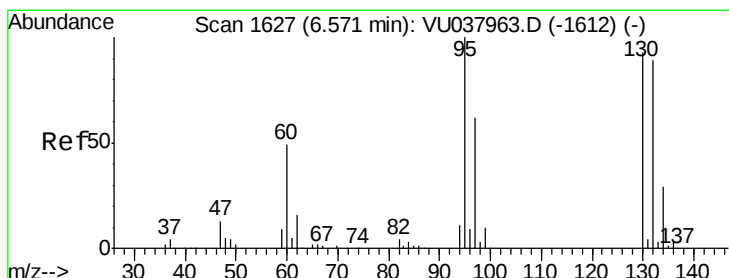
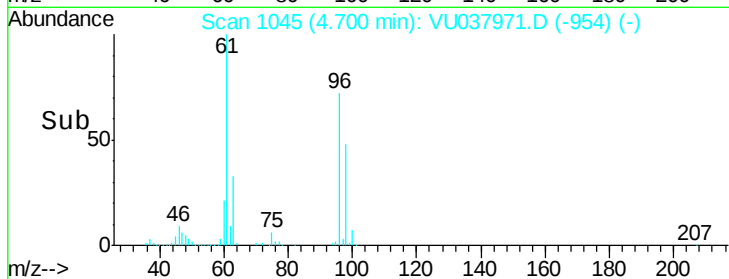
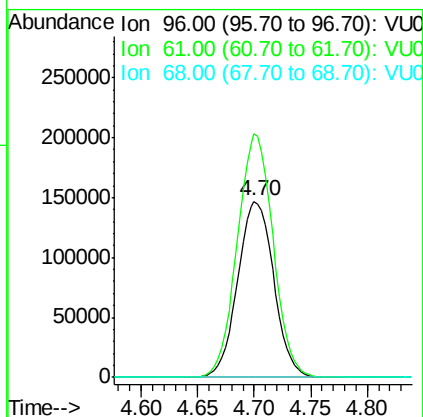
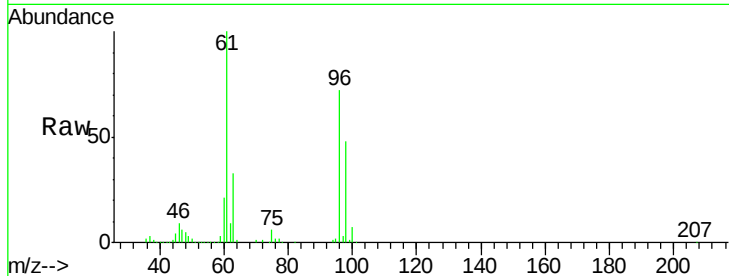
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Acq On    : 01 May 2020  00:05  
Operator  : JC/MD  
Sample    : L2410-07DL 10X  
Misc      : 5.0mL/MSVOA U/WATER  
ALS Vial  : 1    Sample Multiplier: 1
```



#20
 cis-1,2-Dichloroethene
 Concen: 61.341 ug/L
 RT: 4.70 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

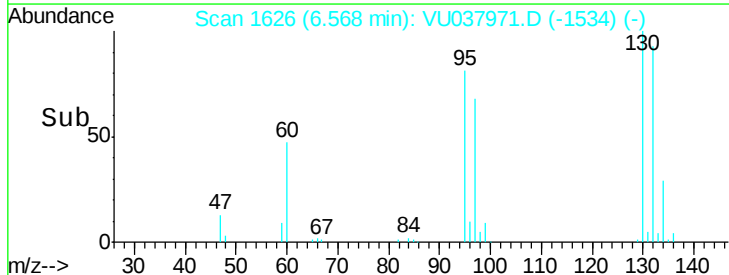
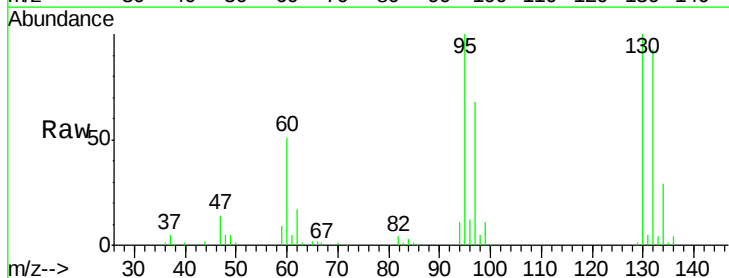
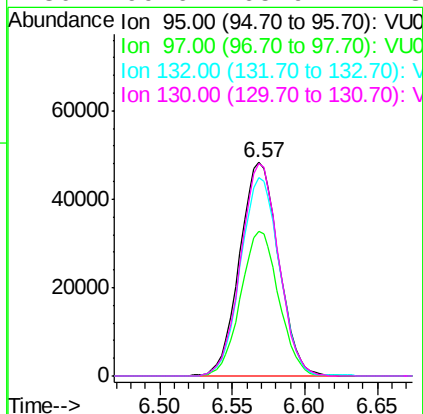
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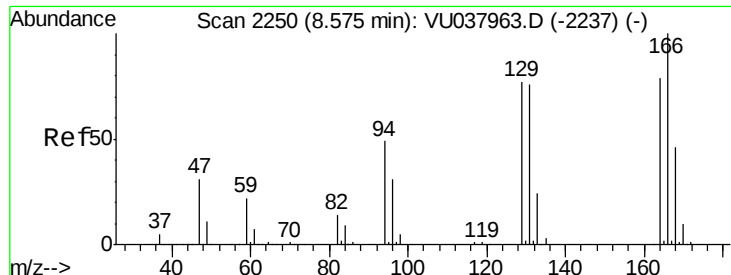
Tot Ion: 96 Resp: 326046
 Ion Ratio Lower Upper
 96 100
 61 138.5 93.9 174.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 17.525 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU037971.D
 Acq: 01 May 2020 00:05

Tgt Ion: 95 Resp: 90423
 Ion Ratio Lower Upper
 95 100
 97 67.7 44.9 83.5
 132 92.9 63.2 117.4
 130 99.6 65.9 122.3





#46

Tetrachloroethene

Concen: 17.282 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU037971.D

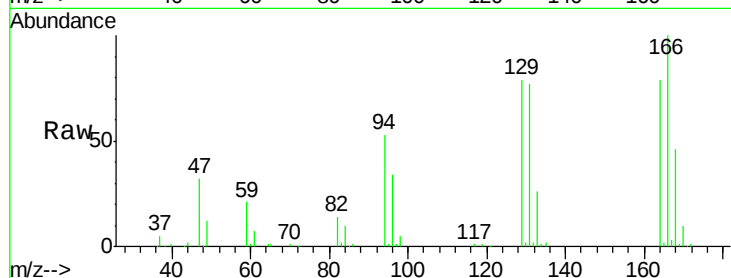
Acq: 01 May 2020 00:05

Instrument :

MSVOA_U

ClientSampleId :

DBEF5DL



Tot Ion:164 Resp: 65100

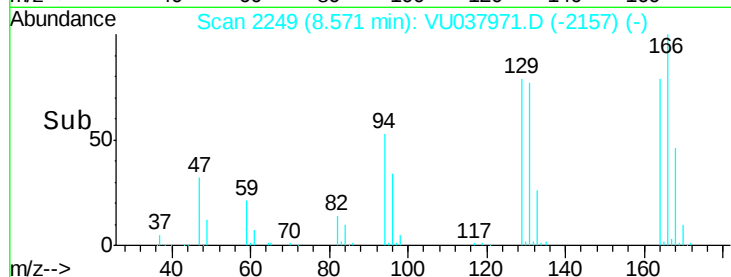
Ion Ratio Lower Upper

164 100

129 100.3 68.4 127.0

131 98.2 65.7 122.1

166 126.8 86.7 161.1



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

