

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060419\
 Data File : VU032434.D
 Acq On : 04 Jun 2019 17:55
 Operator : JC/SP
 Sample : K3081-13DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALE1DL

Quant Time: Jun 04 23:45:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99537	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33134	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.67	69	27123	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	50446	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	4.18	46	81208	44.96	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.92%
24) Chloroform-d	4.64	84	57776	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	32226	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.33	84	124044	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.32	67	37739	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.56	98	117032	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	7.85	79	15776	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.31	63	72225	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31816	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	45328	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

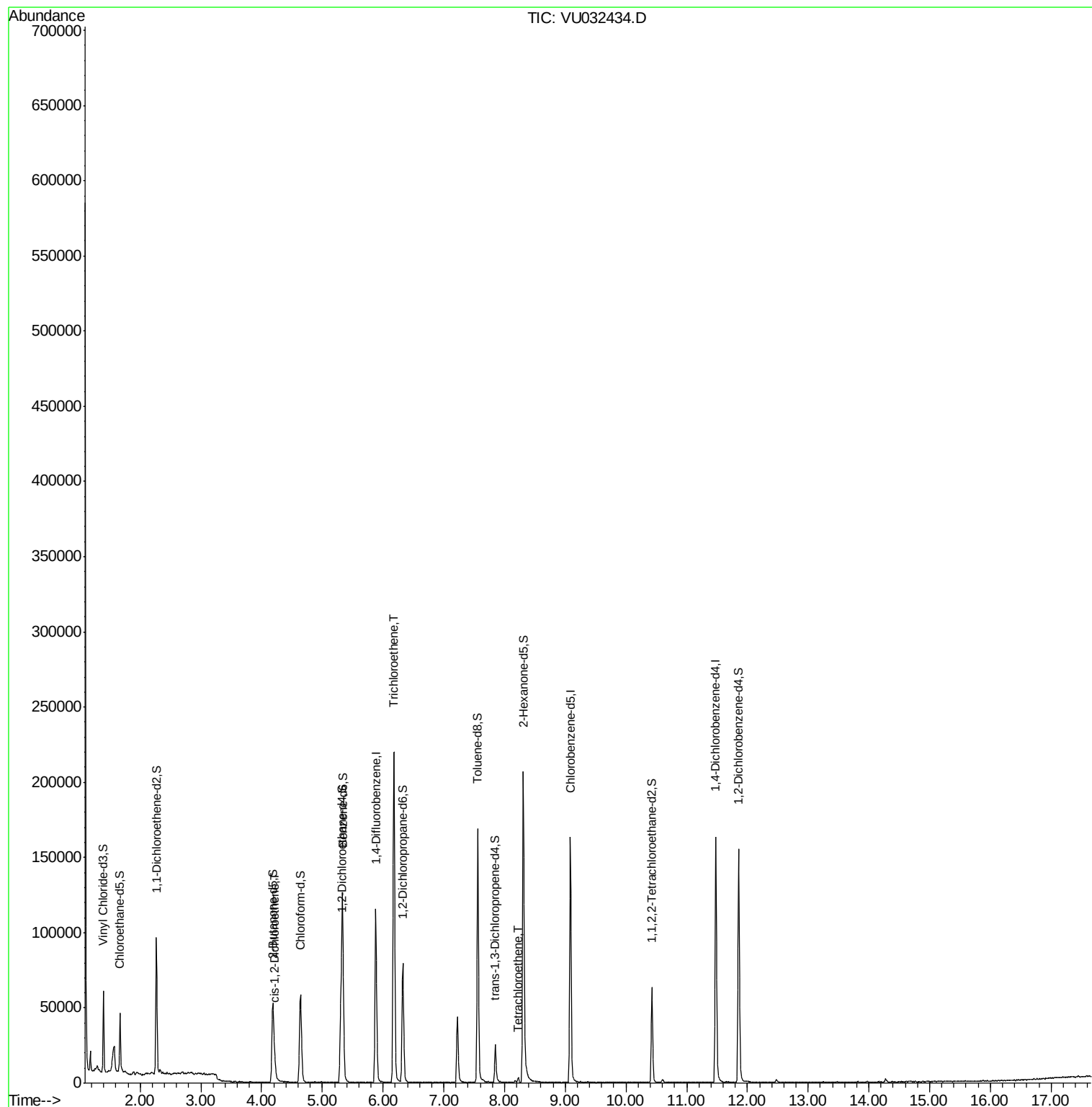
					Ovalue
22) cis-1,2-Dichloroethene	4.22	96	1249	0.162 ug/L	87
34) Trichloroethene	6.18	95	74462	9.388 ug/L	97
47) Tetrachloroethene	8.22	164	896	0.144 ug/L #	74

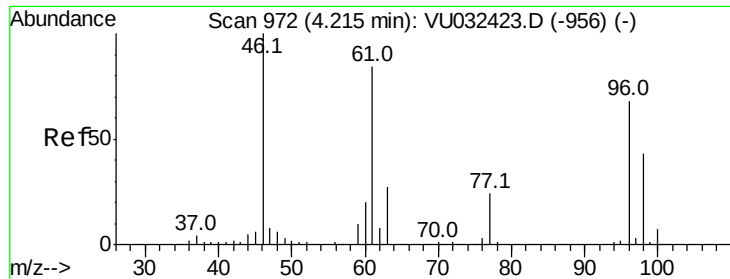
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032434.D

Acq: 04 Jun 2019 17:55

Instrument :

MSVOA_U

ClientSampleId :

GALE1DL

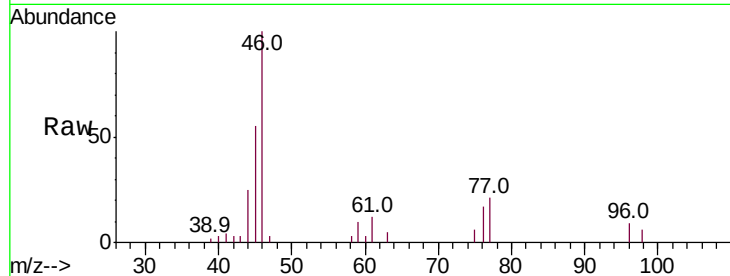
Tot Ion: 96 Resp: 1249

Ion Ratio Lower Upper

96 100

61 138.5 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032423.D (-956) (-)

Ion 61.05 (60.75 to 61.75): VU032423.D (-956) (-)

Ion 68.15 (67.85 to 68.85): VU032423.D (-956) (-)

Time-->

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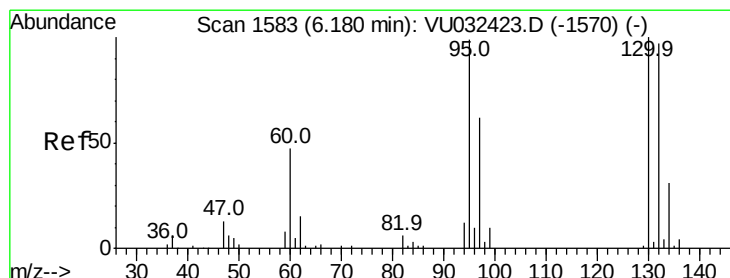
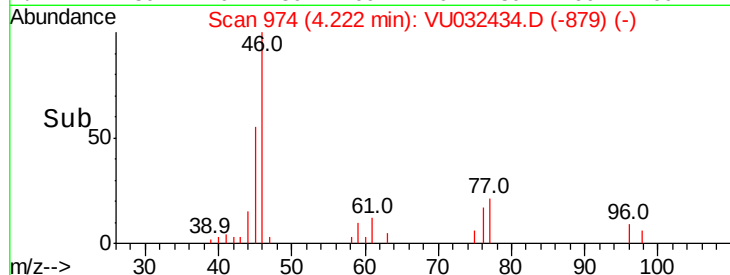
4.22

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#34

Trichloroethene

Concen: 9.388 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032434.D

Acq: 04 Jun 2019 17:55

Tgt Ion: 95 Resp: 74462

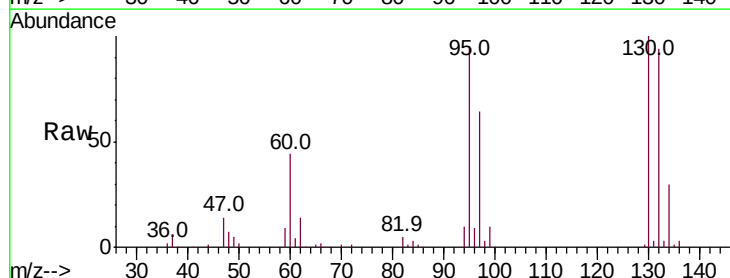
Ion Ratio Lower Upper

95 100

97 66.8 44.1 81.9

132 98.7 68.8 127.8

130 105.0 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU032423.D (-1570) (-)

Ion 96.95 (96.65 to 97.65): VU032423.D (-1570) (-)

Ion 131.95 (131.65 to 132.65): VU032423.D (-1570) (-)

Ion 129.95 (129.65 to 130.65): VU032423.D (-1570) (-)

Time-->

6.10 6.15 6.20 6.25 6.30

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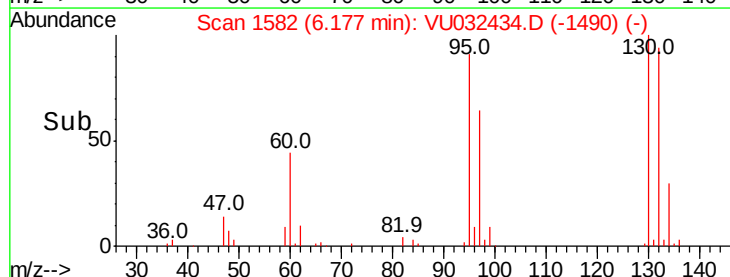
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Time-->

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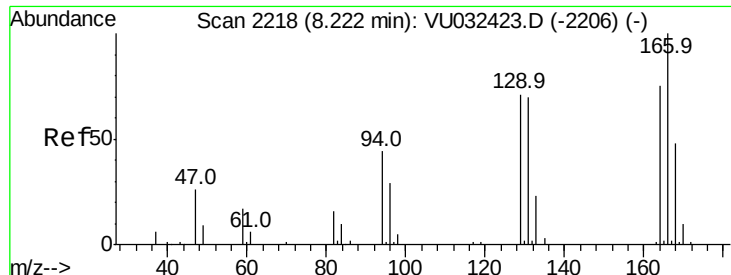
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#47

Tetrachloroethene

Concen: 0.144 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032434.D

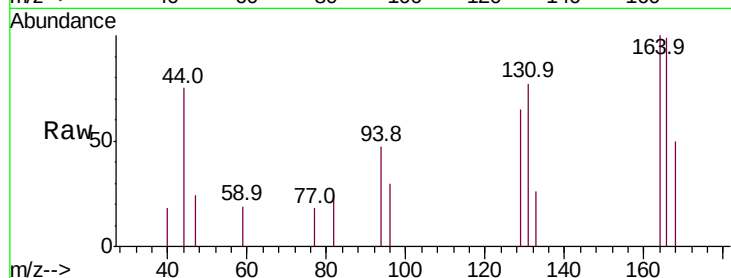
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Tot Ion:164 Resp: 896

Ion Ratio Lower Upper

164 100

129 65.2 66.1 122.7#

131 77.1 65.6 121.8

166 99.0 93.2 173.2

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

