

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031976.D
 Acq On : 13 May 2019 18:17
 Operator : JC/SP
 Sample : K2744-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D19

Quant Time: May 14 04:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	513053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193100	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116806	3.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.80%
7) Chloroethane-d5	1.67	69	122185	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.27	63	185586	2.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.20%#
20) 2-Butanone-d5	4.18	46	508024	37.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.42%
24) Chloroform-d	4.64	84	272444	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.31	65	158455	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
32) Benzene-d6	5.33	84	537947	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.33	67	187264	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.56	98	406110	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	49735	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.31	63	364441	42.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165045	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	148717	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

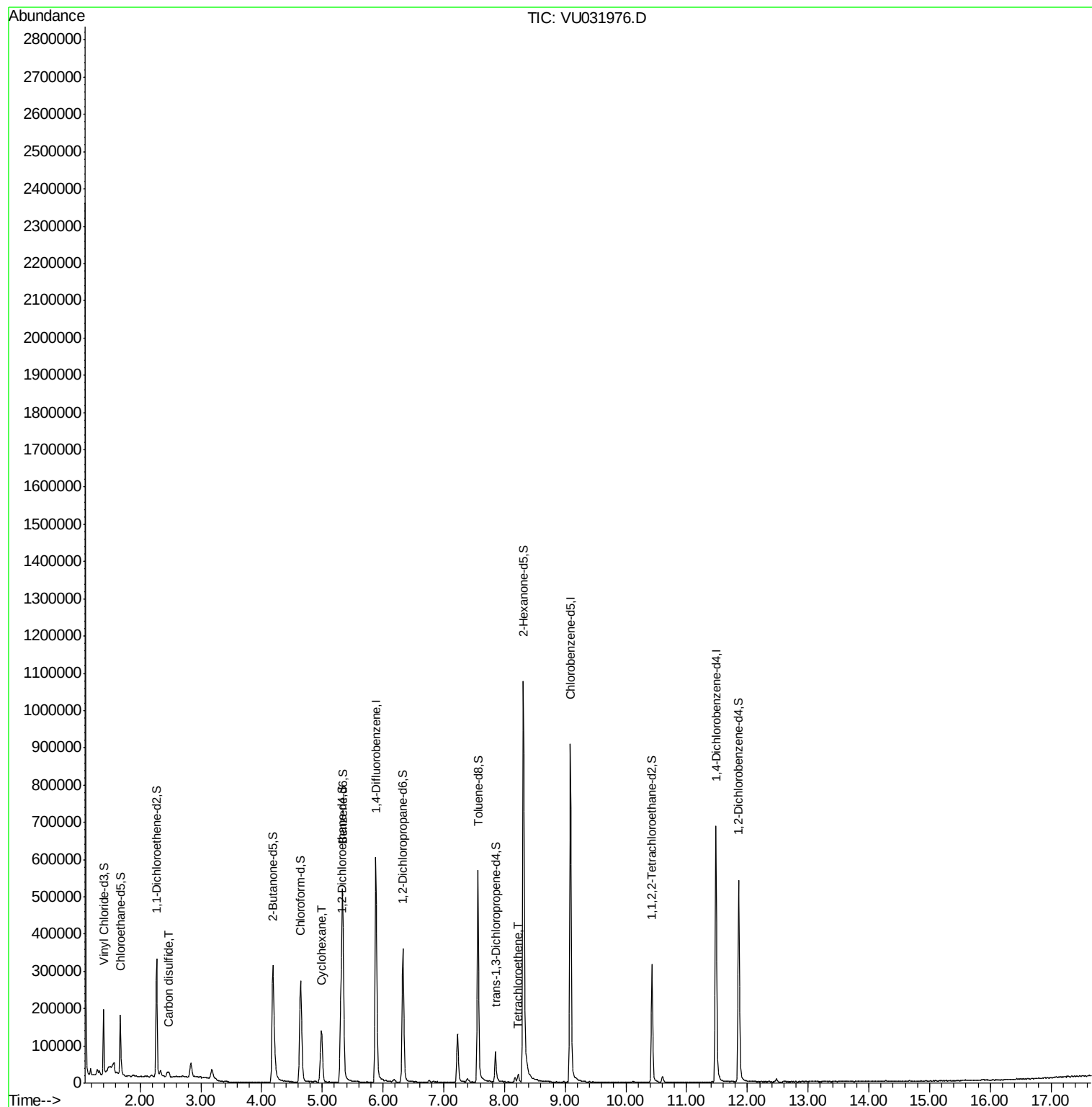
Target Compounds					Ovalue
14) Carbon disulfide	2.48	76	13014	0.106 ug/L #	83
30) Cyclohexane	4.99	56	70687	0.906 ug/L	87
47) Tetrachloroethene	8.23	164	4571	0.154 ug/L	78

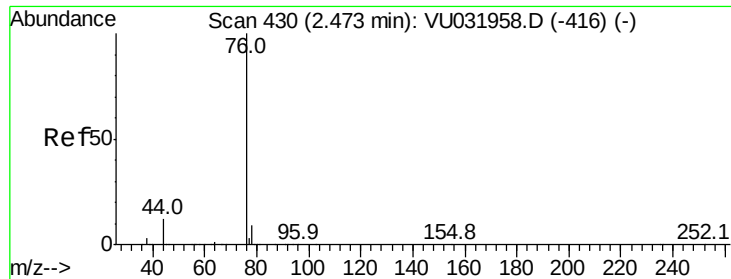
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.106 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

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Acq: 13 May 2019 18:17

Instrument :

MSVOA_U

ClientSampleId :

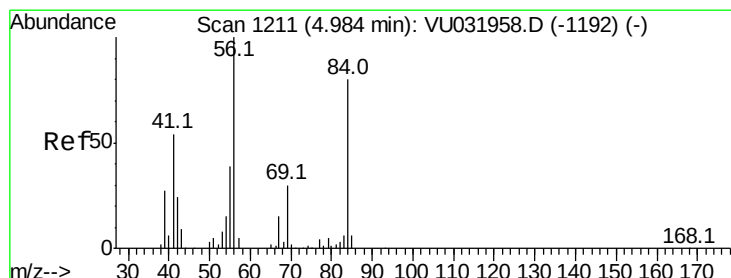
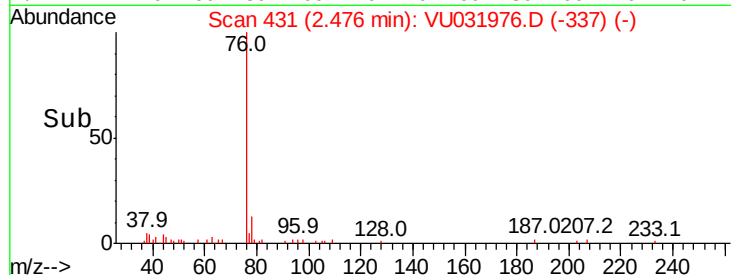
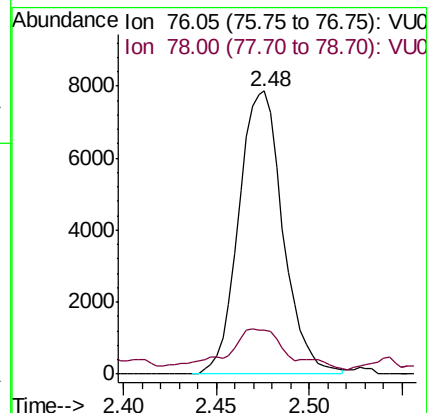
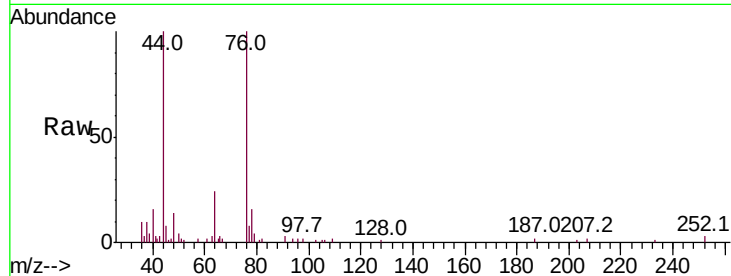
F9D19

Tot Ion: 76 Resp: 13014

Ion Ratio Lower Upper

76 100

78 15.7 7.5 11.3#



#30

Cyclohexane

Concen: 0.906 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. 0.00 min

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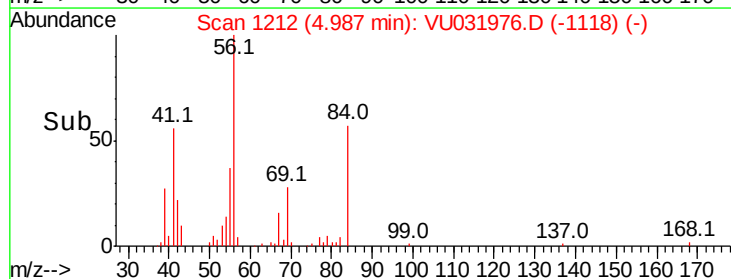
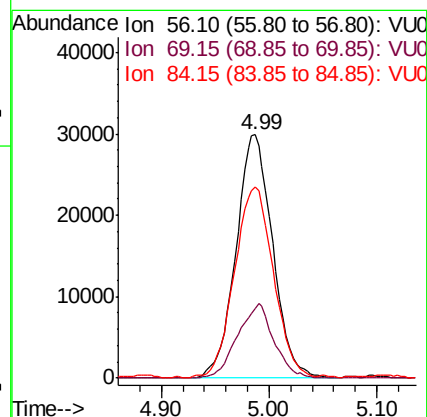
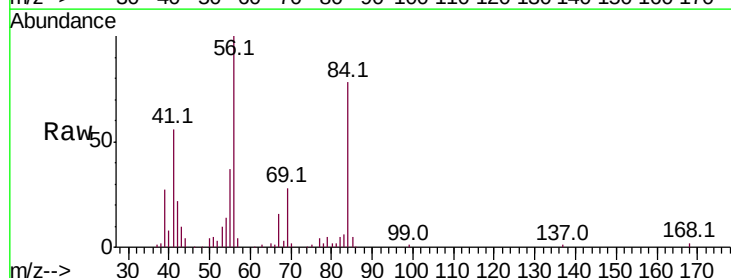
Tgt Ion: 56 Resp: 70687

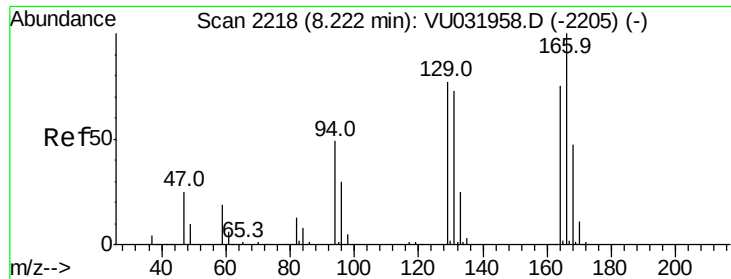
Ion Ratio Lower Upper

56 100

69 30.1 21.8 32.8

84 83.8 56.8 85.2





#47

Tetrachloroethene

Concen: 0.154 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031976.D

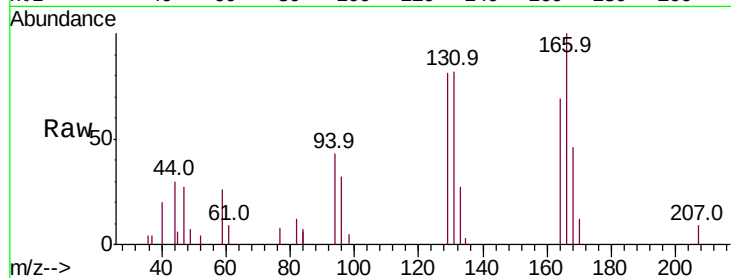
Acq: 13 May 2019 18:17

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Tot Ion:164 Resp: 4571

Ion Ratio Lower Upper

164 100

129 117.8 70.3 130.5

131 120.3 65.4 121.4

166 145.9 86.0 159.8

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

