

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062519\
 Data File : VU033049.D
 Acq On : 25 Jun 2019 12:52
 Operator : JC/SP
 Sample : K3478-22DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF48DL

Quant Time: Jun 26 08:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 07:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	185114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57571	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.02%
7) Chloroethane-d5	1.67	69	50502	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.10%
11) 1,1-Dichloroethene-d2	2.26	63	91009	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.42%
21) 2-Butanone-d5	4.17	46	123702	117.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.48%
24) Chloroform-d	4.64	84	127036	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
26) 1,2-Dichloroethane-d4	5.30	65	90160	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
32) Benzene-d6	5.33	84	243608	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
36) 1,2-Dichloropropane-d6	6.32	67	80442	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.56	98	218860	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%
43) trans-1,3-Dichloropropene-	7.85	79	37845	47.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.16%
47) 2-Hexanone-d5	8.31	63	71141	99.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.63%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	117405	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.85	152	87243	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

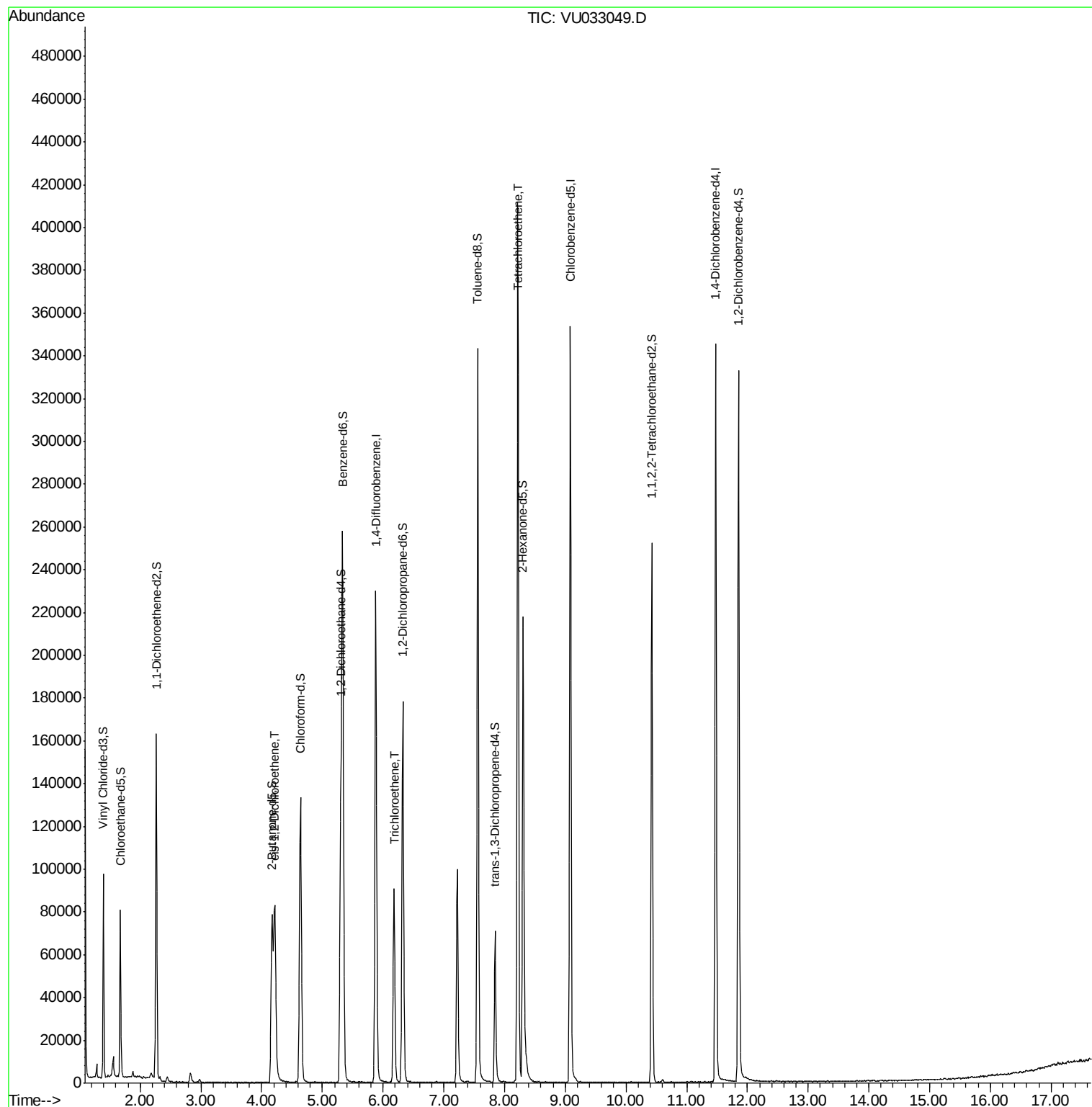
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	39247	28.499 ug/L	98
34) Trichloroethene	6.18	95	29793	21.020 ug/L	97
46) Tetrachloroethene	8.22	164	86604	74.566 ug/L	97

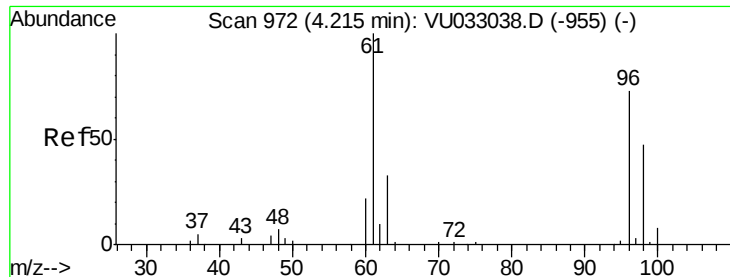
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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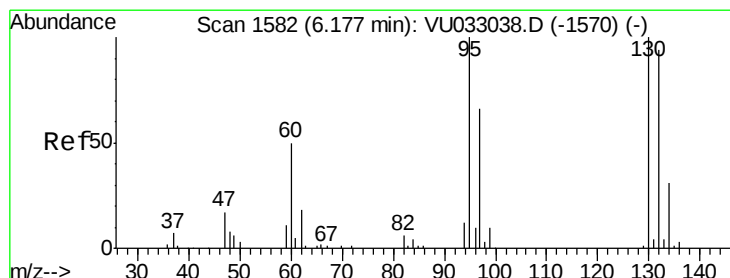
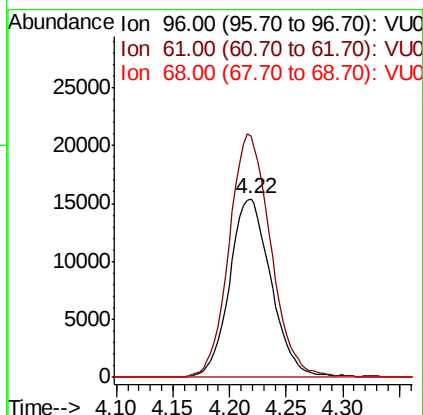
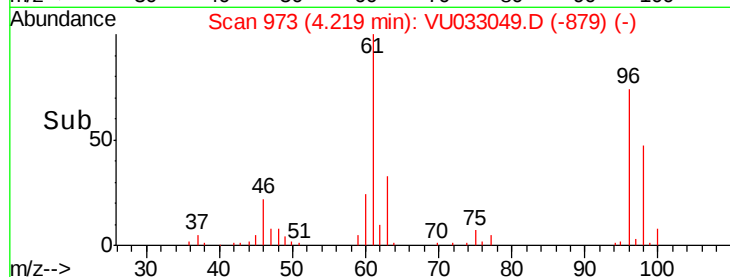
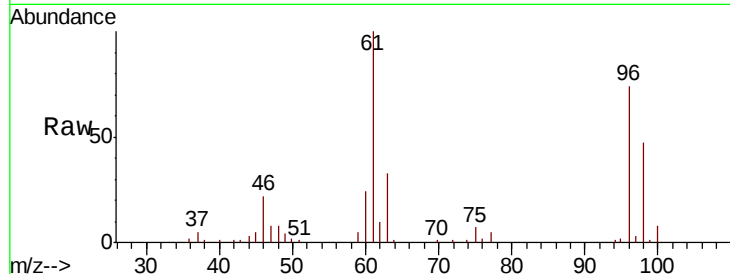




#20
 cis-1,2-Dichloroethene
 Concen: 28.499 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU033049.D
 Acq: 25 Jun 2019 12:52

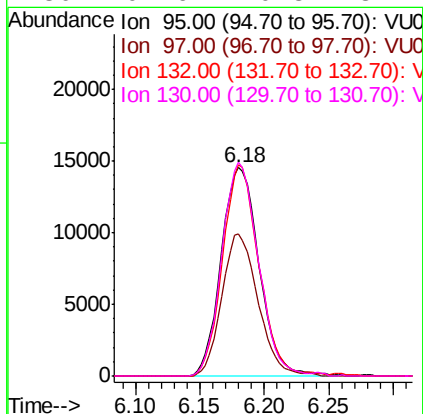
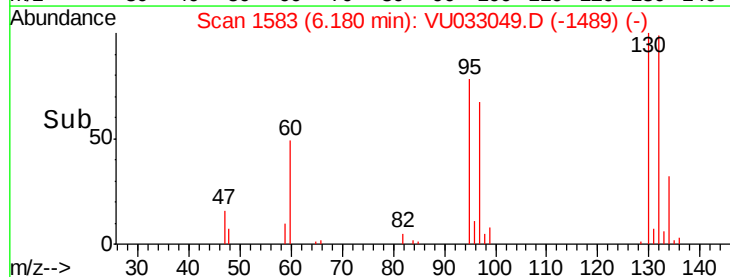
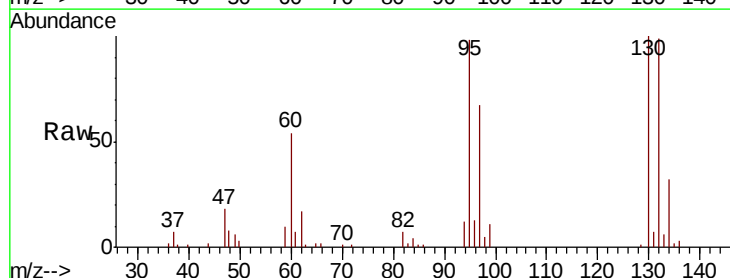
Instrument :
 MSVOA_U
 ClientSampled :
 ETF48DL

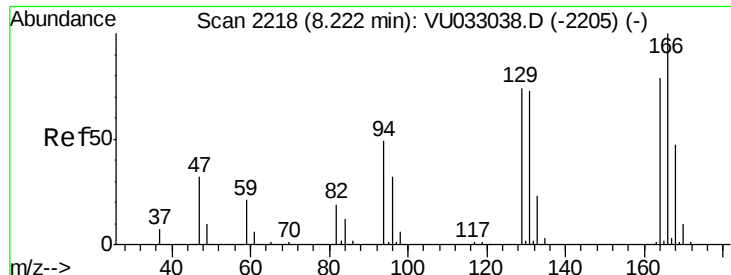
Tot Ion: 96 Resp: 39247
 Ion Ratio Lower Upper
 96 100
 61 134.7 92.4 171.6
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 21.020 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU033049.D
 Acq: 25 Jun 2019 12:52

Tgt Ion: 95 Resp: 29793
 Ion Ratio Lower Upper
 95 100
 97 68.5 45.9 85.3
 132 101.5 68.5 127.3
 130 102.6 70.8 131.4





#46

Tetrachloroethene

Concen: 74.566 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033049.D

Acq: 25 Jun 2019 12:52

Instrument :

MSVOA_U

ClientSampleId :

ETF48DL

Tot Ion:164 Resp: 86604

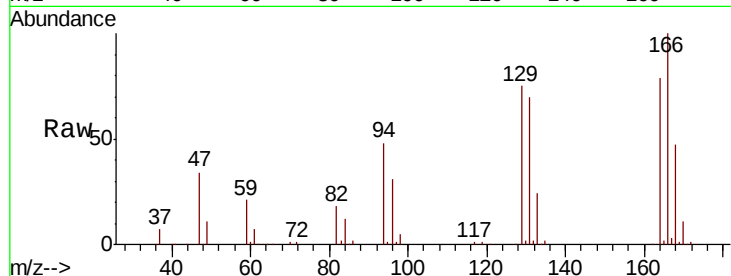
Ion Ratio Lower Upper

164 100

129 95.1 64.8 120.3

131 88.5 64.5 119.7

166 127.1 91.3 169.6



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

