

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU033025.D
 Acq On : 24 Jun 2019 22:55
 Operator : JC/SP
 Sample : K3463-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF08

Quant Time: Jun 25 07:43:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 06:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	190020	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	186877	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61573	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.82%
7) Chloroethane-d5	1.68	69	52746	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.86%
11) 1,1-Dichloroethene-d2	2.26	63	97514	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.54%
21) 2-Butanone-d5	4.17	46	124713	115.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.38%
24) Chloroform-d	4.64	84	129680	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
26) 1,2-Dichloroethane-d4	5.30	65	91476	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.80%
32) Benzene-d6	5.33	84	251870	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.32	67	81554	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.10%
41) Toluene-d8	7.56	98	228418	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%
43) trans-1,3-Dichloropropene-	7.85	79	38368	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.06%
47) 2-Hexanone-d5	8.31	63	72816	100.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117118	48.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	90018	52.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.22%

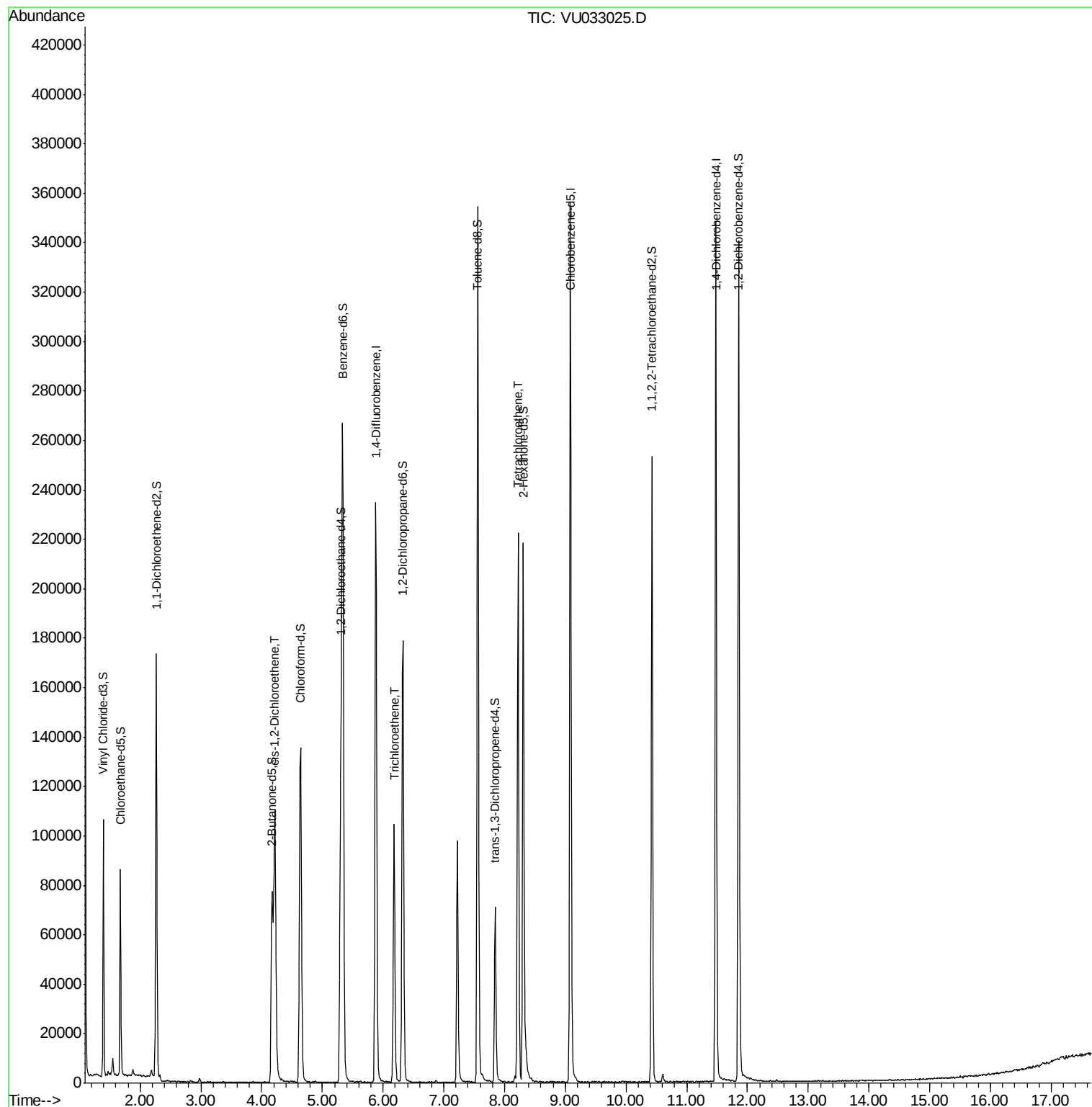
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	54894	38.832 ug/L	94
34) Trichloroethene	6.18	95	34426	23.934 ug/L	98
46) Tetrachloroethene	8.22	164	47473	40.278 ug/L	97

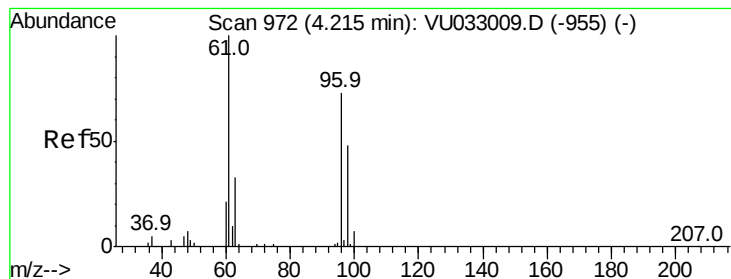
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 38.832 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033025.D

Acq: 24 Jun 2019 22:55

Instrument :

MSVOA_U

ClientSampleId :

ETF08

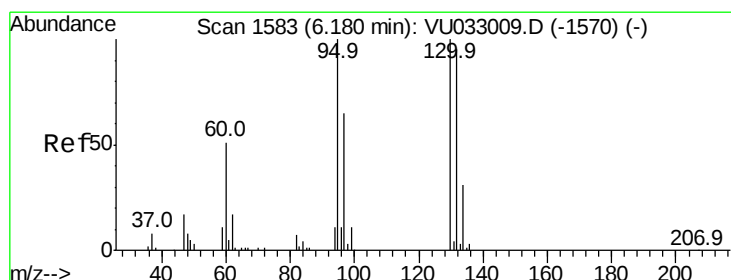
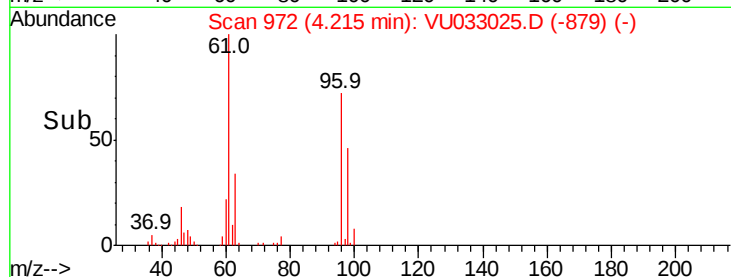
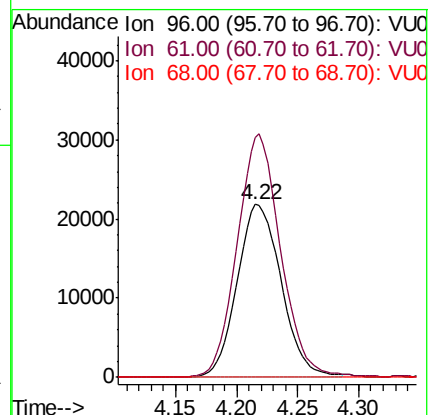
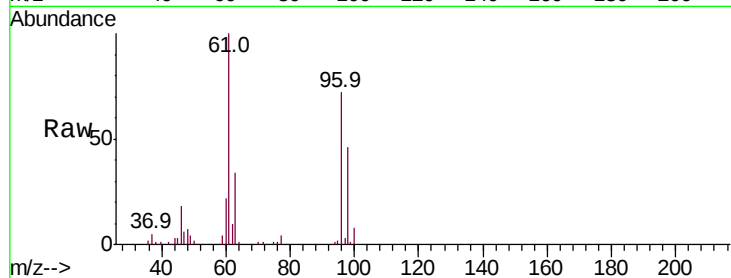
Tot Ion: 96 Resp: 54894

Ion Ratio Lower Upper

96 100

61 138.7 92.4 171.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 23.934 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033025.D

Acq: 24 Jun 2019 22:55

Tgt Ion: 95 Resp: 34426

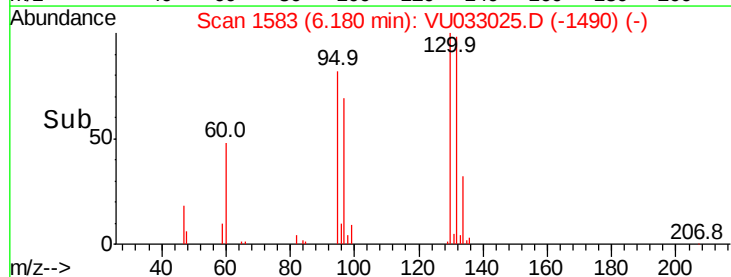
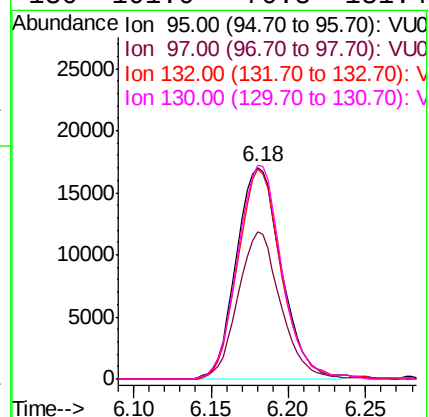
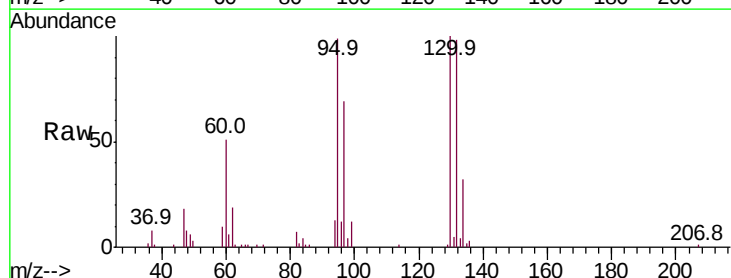
Ion Ratio Lower Upper

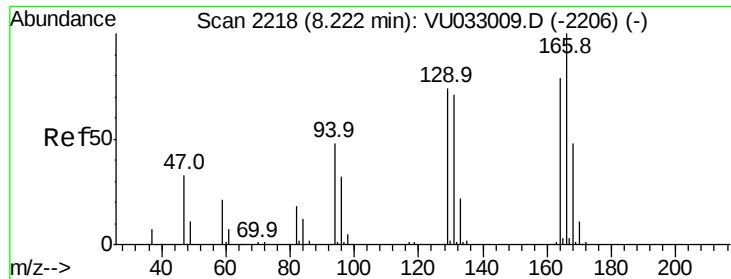
95 100

97 69.6 45.9 85.3

132 99.2 68.5 127.3

130 101.0 70.8 131.4





#46

Tetrachloroethene

Concen: 40.278 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU033025.D

Acq: 24 Jun 2019 22:55

Instrument :
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ClientSampleId :
ETF08

Tot Ion:164 Resp: 47473

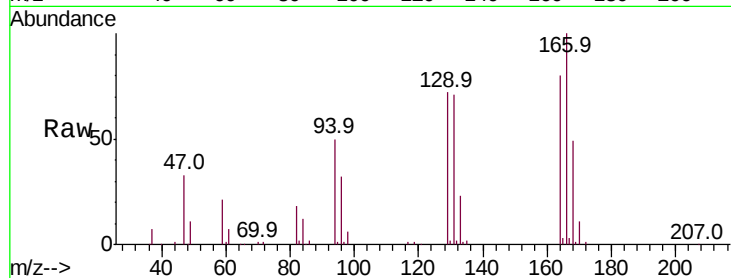
Ion Ratio Lower Upper

164 100

129 90.9 64.8 120.3

131 89.7 64.5 119.7

166 125.8 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

