

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034393.D
 Acq On : 07 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4703-05DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD88DL

Quant Time: Sep 09 05:46:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 14:18:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	298113	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	302488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	138754	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66528	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.68	69	64317	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.26	63	102099	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.17	46	194511	41.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.88%
24) Chloroform-d	4.63	84	147927	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.29	65	72737	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.32	84	306664	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.31	67	100783	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.55	98	265203	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.83	79	31603	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.30	63	145935	38.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.32%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	78216	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	112315	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

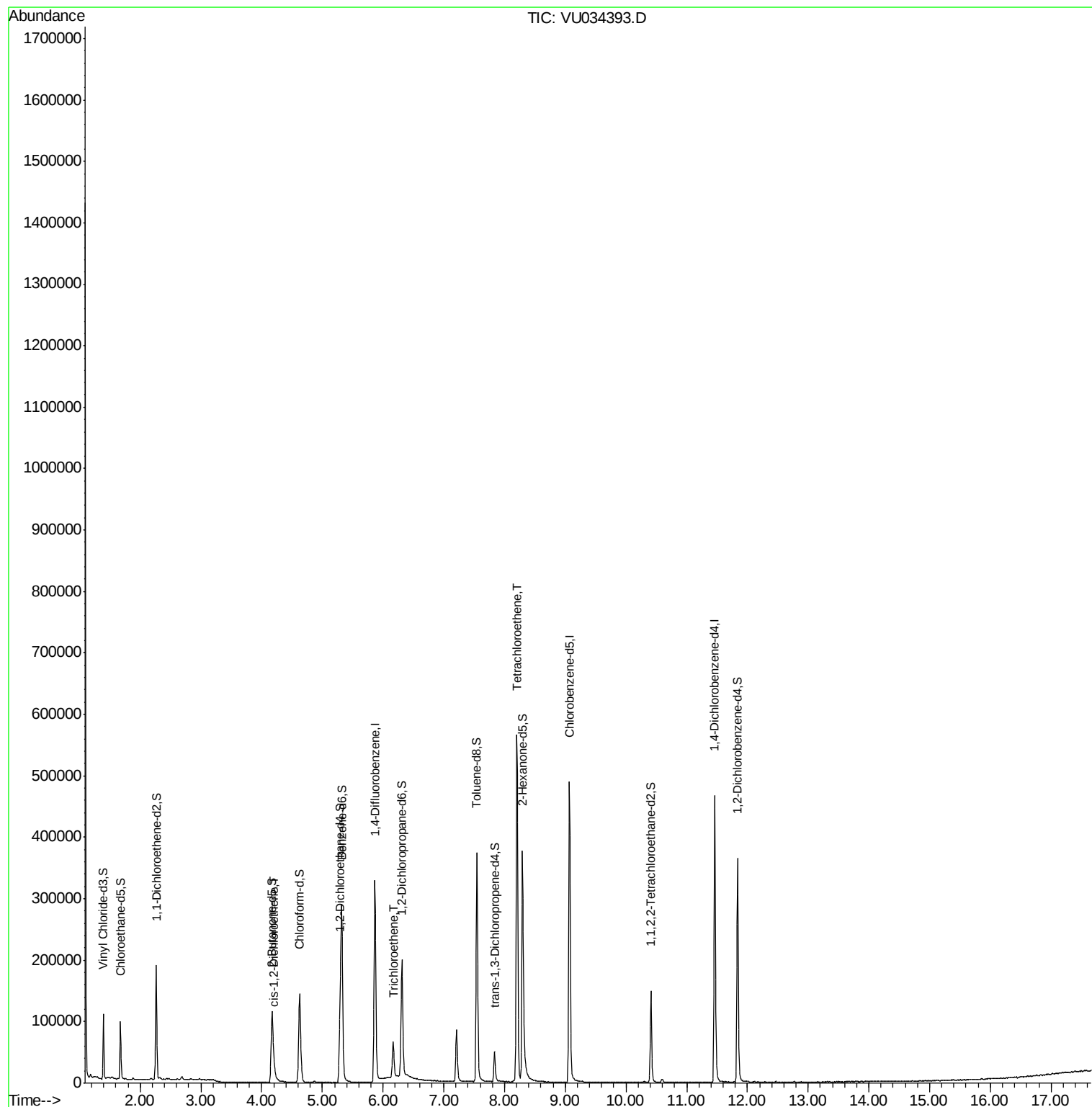
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.21	96	4504	0.200 ug/L	86
34) Trichloroethene	6.16	95	20769	0.881 ug/L	96
47) Tetrachloroethene	8.21	164	141059	7.279 ug/L	94

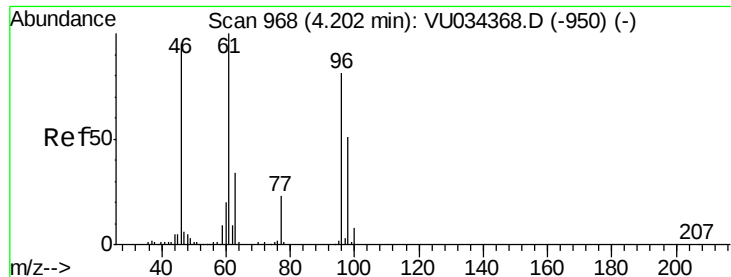
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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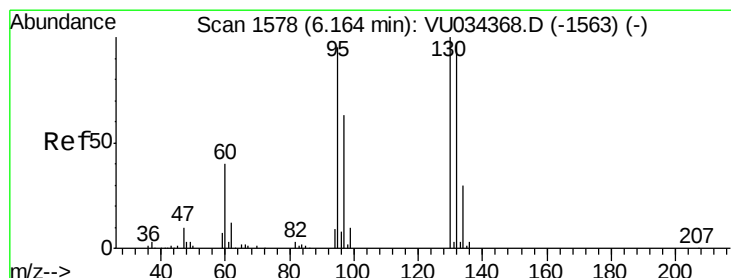
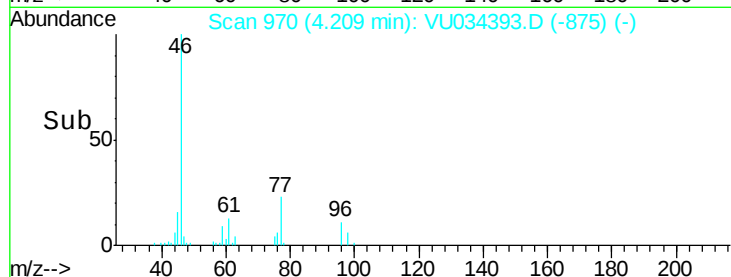
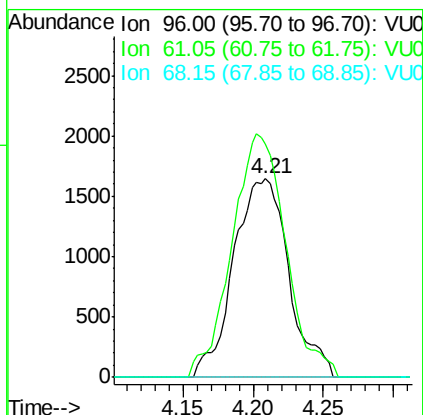
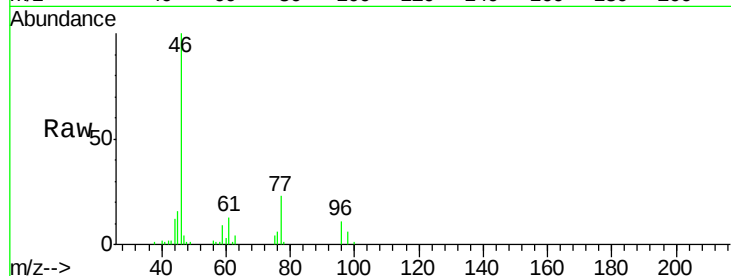


#22

cis-1,2-Dichloroethene
 Concen: 0.200 ug/L
 RT: 4.21 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: VU034393.D
 Acq: 07 Sep 2019 20:14

Instrument :
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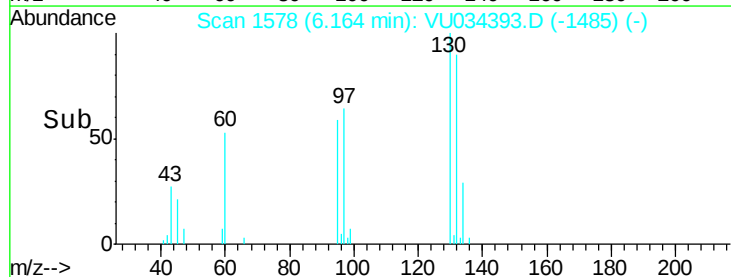
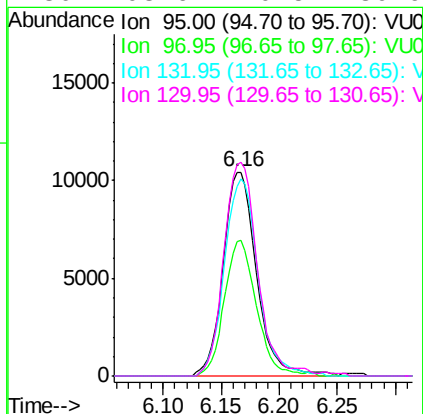
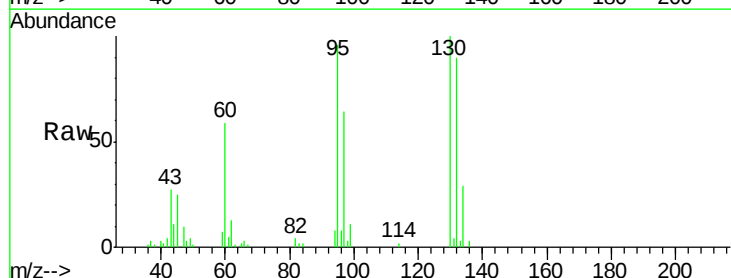
Tot Ion: 96 Resp: 4504
 Ion Ratio Lower Upper
 96 100
 61 117.5 93.6 173.8
 68 0.0 0.0 0.0

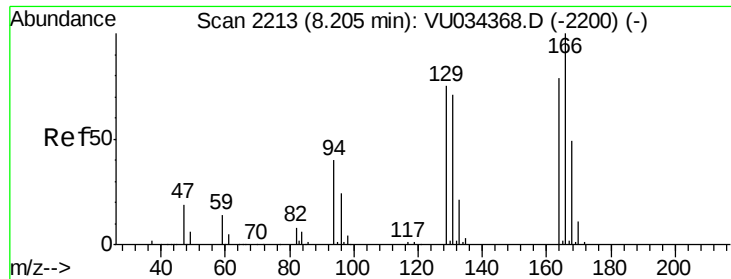


#34

Trichloroethene
 Concen: 0.881 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034393.D
 Acq: 07 Sep 2019 20:14

Tgt Ion: 95 Resp: 20769
 Ion Ratio Lower Upper
 95 100
 97 65.9 43.3 80.5
 132 93.0 68.6 127.4
 130 103.6 70.5 130.9





#47

Tetrachloroethene

Concen: 7.279 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034393.D

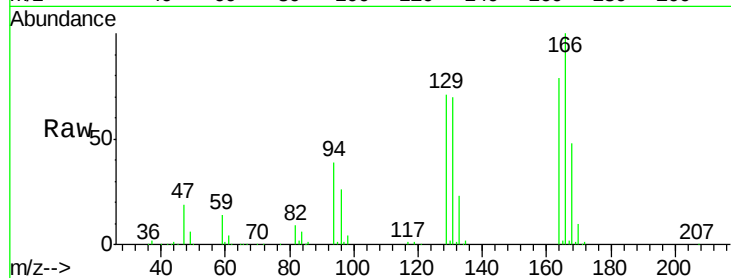
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Tot Ion:164 Resp: 141059

Ion Ratio Lower Upper

164 100

129 88.9 68.0 126.2

131 88.3 64.6 120.0

166 126.0 92.0 170.8

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

