

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
 Data File : VU034399.D
 Acq On : 07 Sep 2019 23:27
 Operator : JC/SP
 Sample : K4685-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD83DL

Quant Time: Sep 09 05:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285240	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	130830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70290	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	66403	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	107736	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.17	46	201549	45.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.63	84	157848	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.29	65	78001	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.32	84	323389	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.31	67	107869	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.55	98	277755	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.83	79	32520	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	145068	39.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81030	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	115175	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

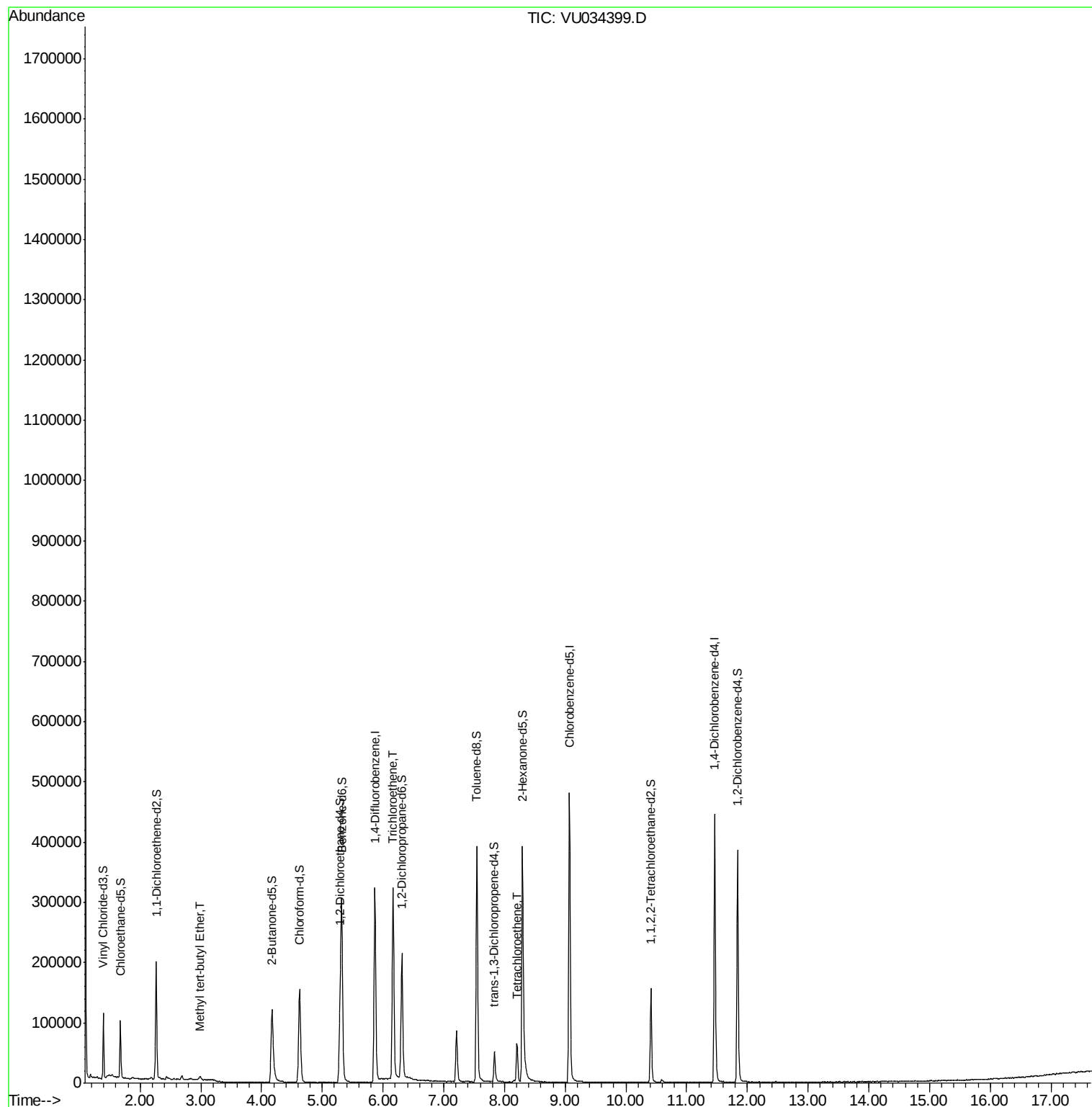
Target Compounds					Qvalue
17) Methyl tert-butyl Ether	2.99	73	6001	0.136 ug/L #	94
34) Trichloroethene	6.16	95	115823	5.105 ug/L	97
47) Tetrachloroethene	8.21	164	16644	0.893 ug/L	90

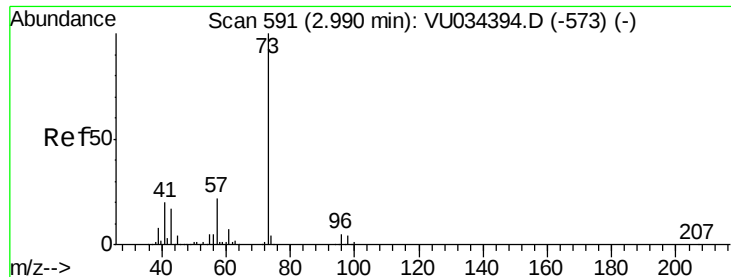
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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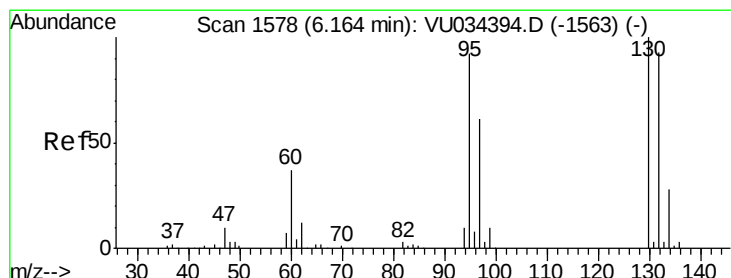
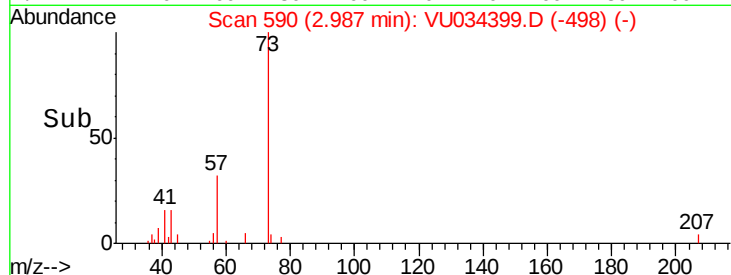
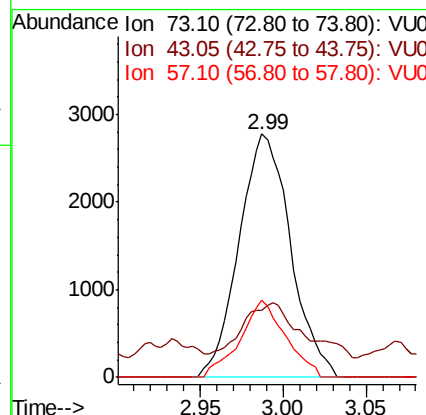
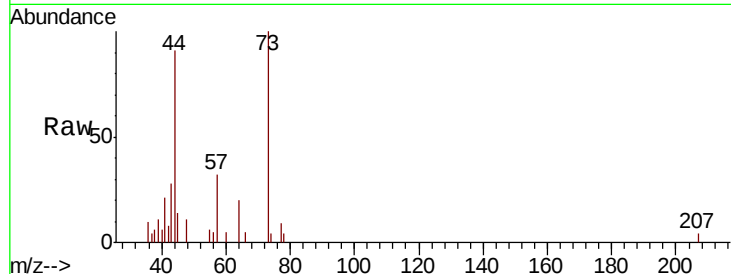




#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 2.99 min Scan# 590
Delta R.T. -0.00 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

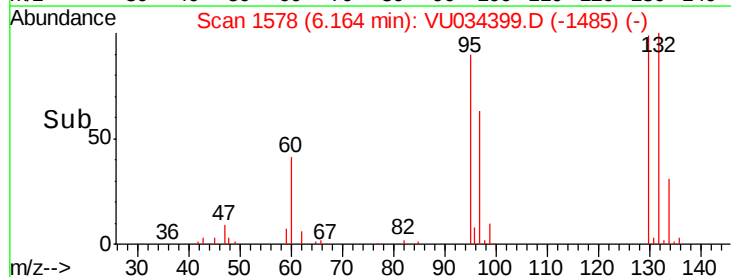
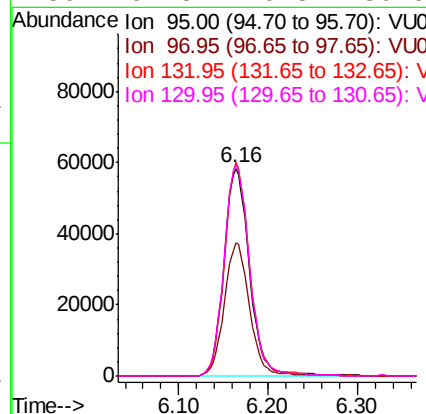
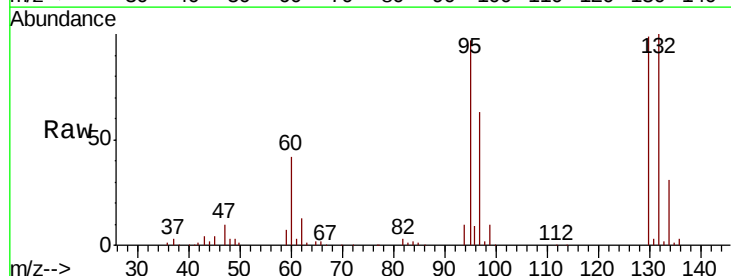
Instrument :
MSVOA_U
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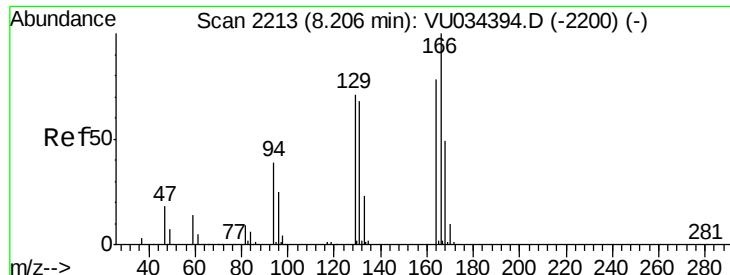
Tgt Ion: 73 Resp: 6001
Ion Ratio Lower Upper
73 100
43 19.5 14.7 22.1
57 27.9 18.6 27.8#



#34
Trichloroethene
Concen: 5.105 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

Tgt Ion: 95 Resp: 115823
Ion Ratio Lower Upper
95 100
97 64.5 43.3 80.5
132 102.9 68.6 127.4
130 101.8 70.5 130.9





#47

Tetrachloroethene

Concen: 0.893 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034399.D

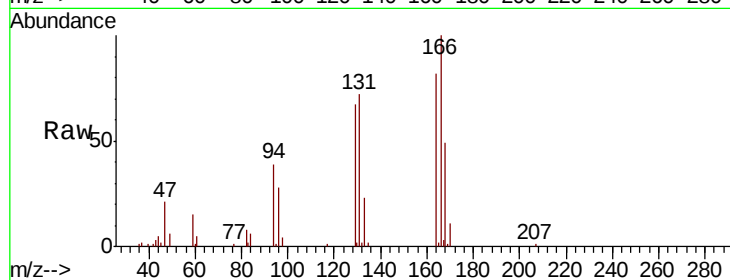
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Tgt Ion:164 Resp: 16644

Ion Ratio Lower Upper

164 100

129 81.8 68.0 126.2

131 87.9 64.6 120.0

166 121.4 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

