

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030681.D
 Acq On : 04 Apr 2019 13:01
 Operator : JC/SP
 Sample : K2215-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2L7

Quant Time: Apr 04 13:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 02 08:36:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	487476	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474934	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207131	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194776	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.30%
7) Chloroethane-d5	1.68	69	157917	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.56%
11) 1,1-Dichloroethene-d2	2.27	63	271679	36.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.02%
21) 2-Butanone-d5	4.17	46	339019	91.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.93%
24) Chloroform-d	4.64	84	301279	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.31	65	211046	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
32) Benzene-d6	5.34	84	631018	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.33	67	223286	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.84%
41) Toluene-d8	7.56	98	544133	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.85	79	97573	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.06%
47) 2-Hexanone-d5	8.31	63	217711	86.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307144	46.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	196456	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

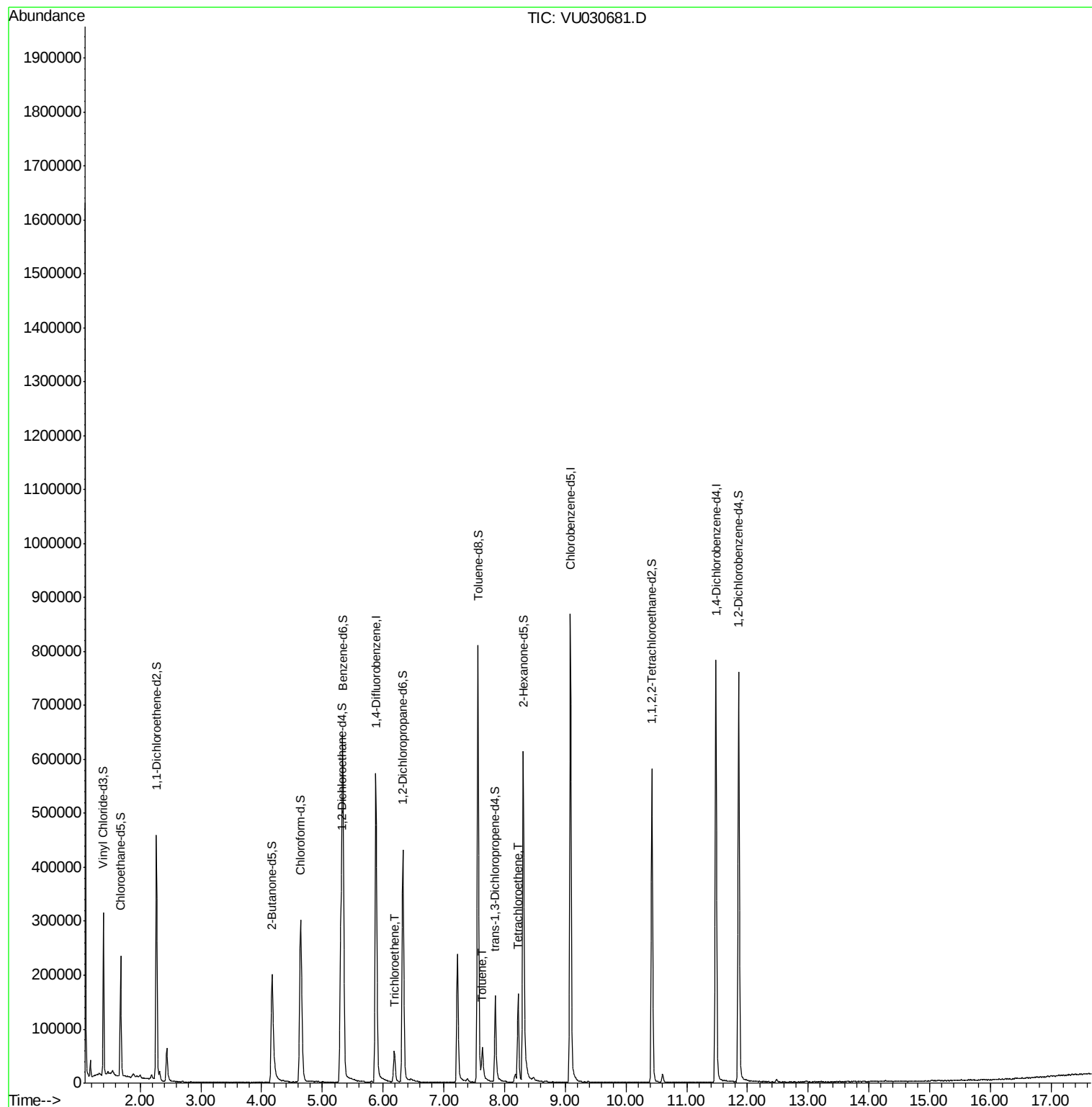
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	22903	5.763 ug/L	97
42) Toluene	7.64	91	43711	2.605 ug/L	98
46) Tetrachloroethene	8.22	164	35798	12.896 ug/L	94

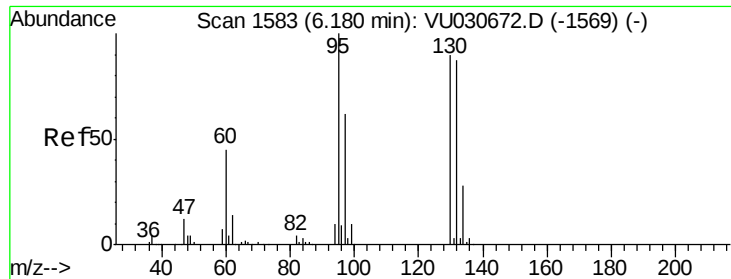
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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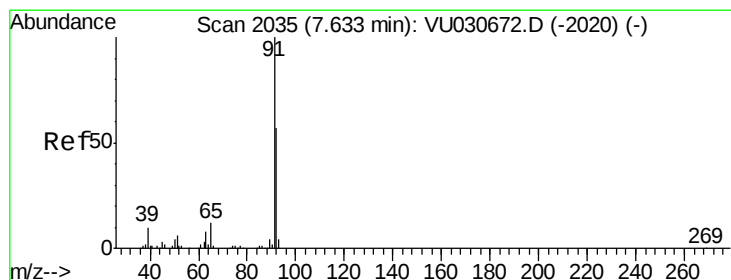
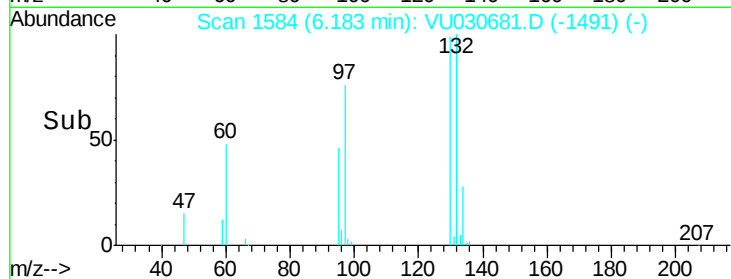
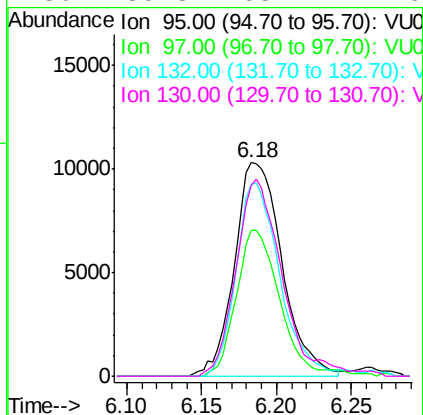
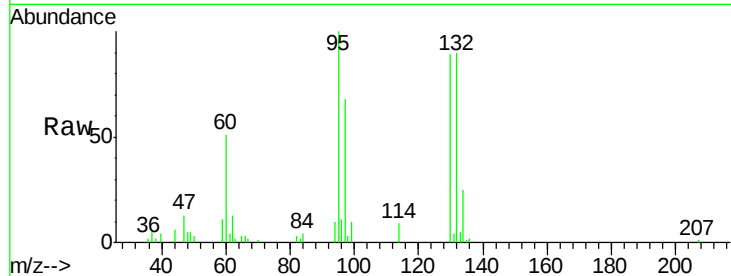




#34
 Trichloroethene
 Concen: 5.763 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU030681.D
 Acq: 04 Apr 2019 13:01

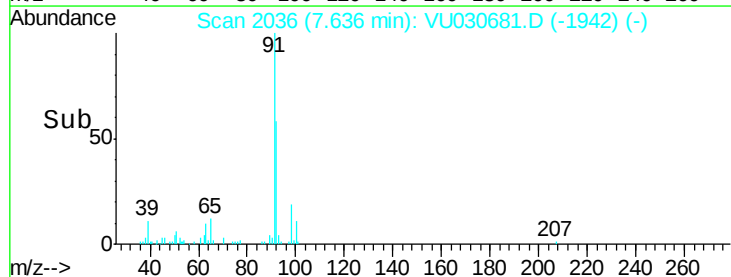
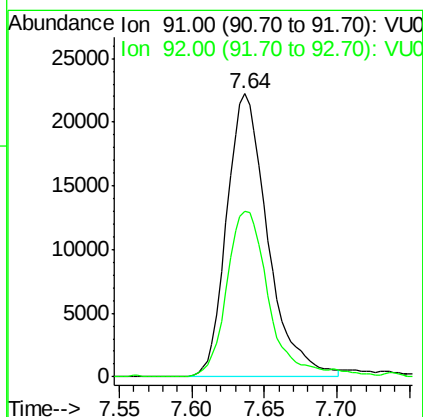
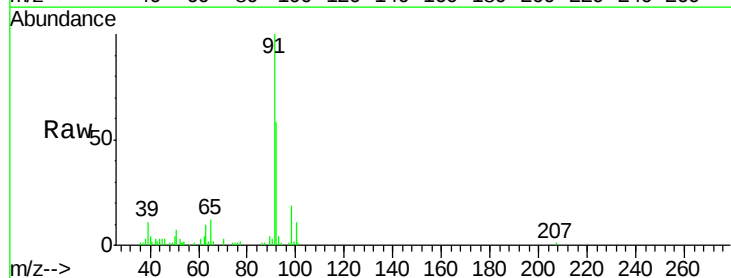
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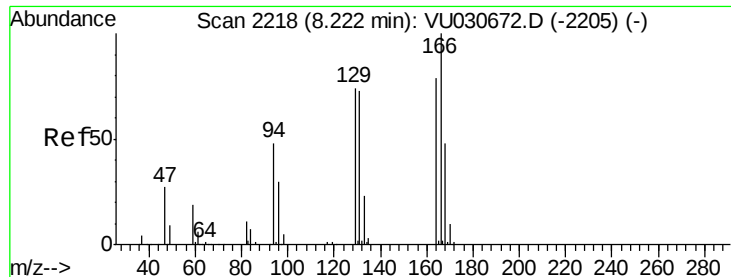
Tot Ion:	95	Resp:	22903
Ion	Ratio	Lower	Upper
95	100		
97	68.2	45.7	84.9
132	90.0	63.8	118.4
130	89.3	65.7	121.9



#42
 Toluene
 Concen: 2.605 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU030681.D
 Acq: 04 Apr 2019 13:01

Tgt Ion:	91	Resp:	43711
Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.7	73.7





#46

Tetrachloroethene

Concen: 12.896 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030681.D

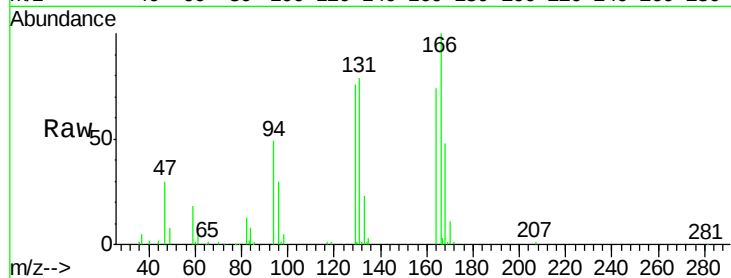
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Tot Ion:164 Resp: 35798

Ion Ratio Lower Upper

164 100

129 102.7 68.1 126.5

131 107.0 67.7 125.7

166 135.5 92.4 171.6

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

