

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031592.D
 Acq On : 29 Apr 2019 17:28
 Operator : JC/SP
 Sample : K2592-05 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ6

Quant Time: Apr 30 01:59:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	658945	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	644654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232082	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	256011	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.68	69	217656	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.14%
11) 1,1-Dichloroethene-d2	2.27	63	401342	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
21) 2-Butanone-d5	4.19	46	581965	116.47	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.47%
24) Chloroform-d	4.64	84	500644	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
26) 1,2-Dichloroethane-d4	5.31	65	341337	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
32) Benzene-d6	5.34	84	968546	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
36) 1,2-Dichloropropane-d6	6.32	67	346633	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.56	98	767439	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.85	79	133335	44.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.20%
47) 2-Hexanone-d5	8.31	63	320917	106.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	463064	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	248986	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

Target Compounds

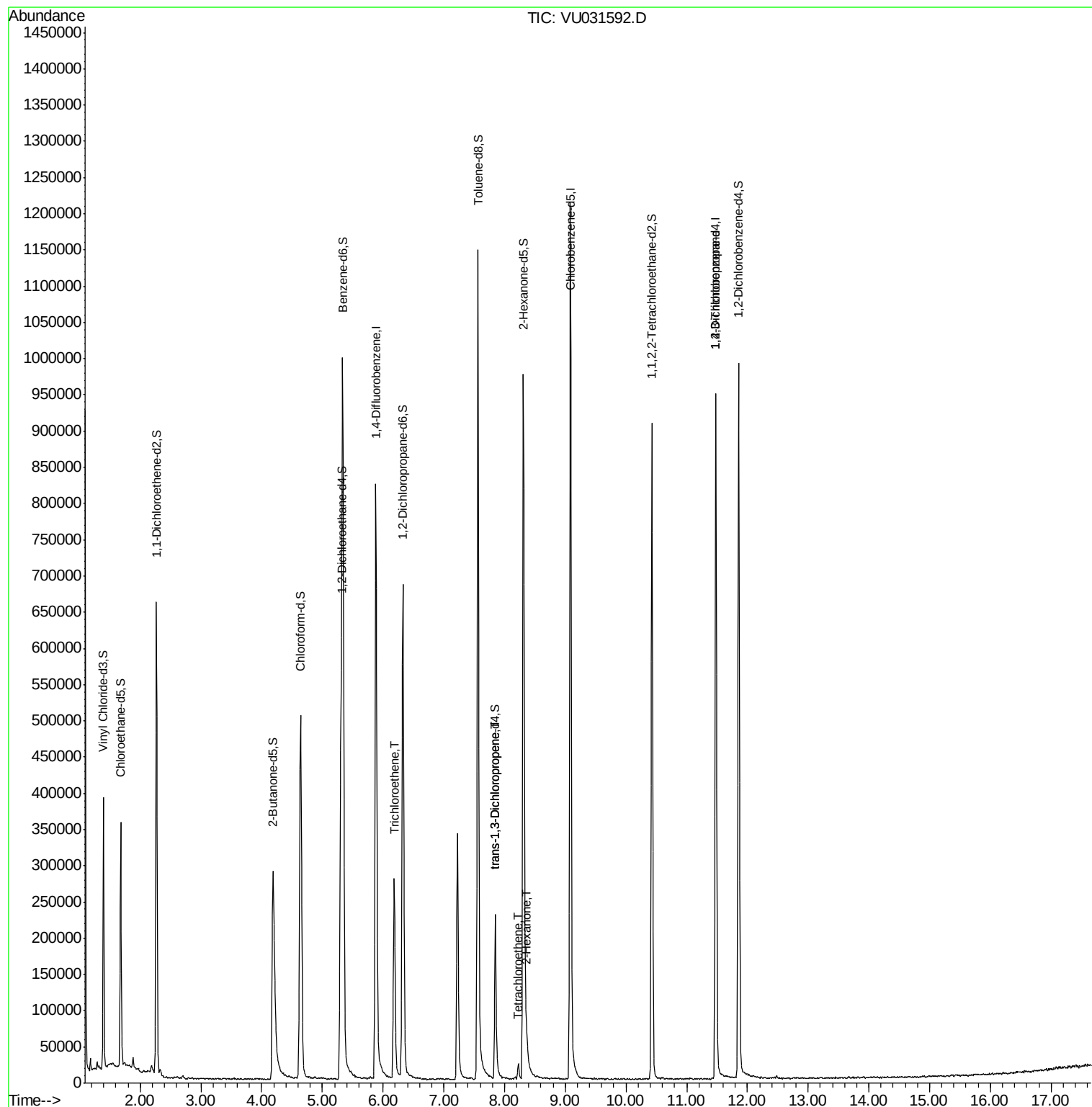
					Qvalue
34) Trichloroethene	6.18	95	98270	17.104 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	5635	0.699 ug/L	93
46) Tetrachloroethene	8.23	164	5017	1.281 ug/L	96
48) 2-Hexanone	8.36	43	28628	3.419 ug/L #	40
59) 1,2,3-Trichloropropane	11.48	75	34163	4.282 ug/L	90

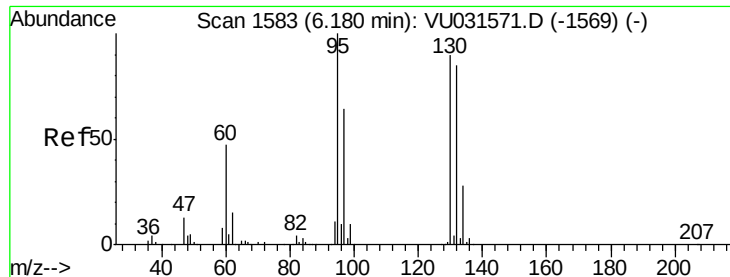
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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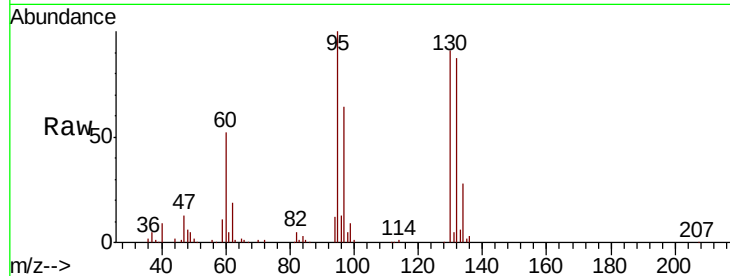




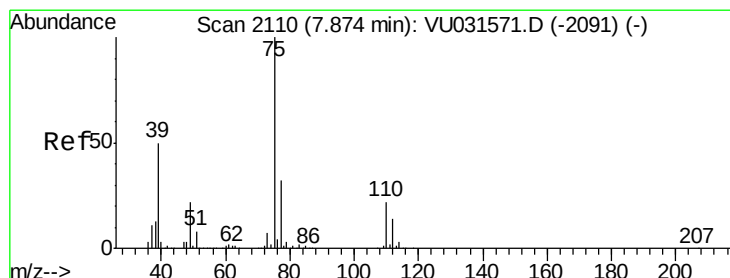
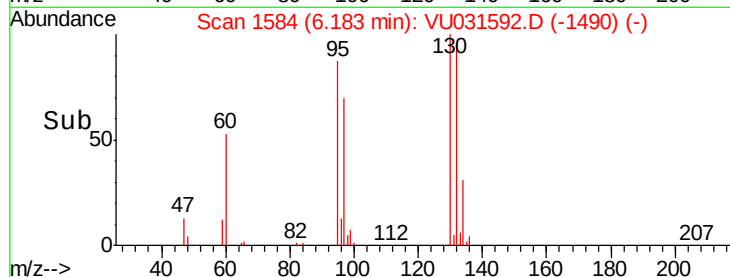
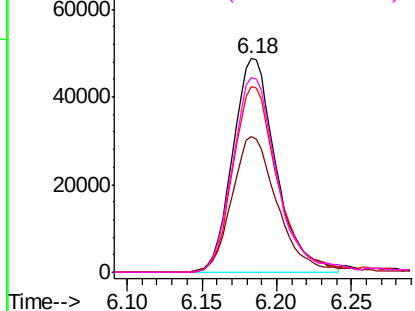
#34
 Trichloroethene
 Concen: 17.104 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031592.D
 Acq: 29 Apr 2019 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ6

Tgt Ion:	95	Resp:	98270
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.8	83.2
132	86.8	63.1	117.1
130	91.3	66.5	123.5

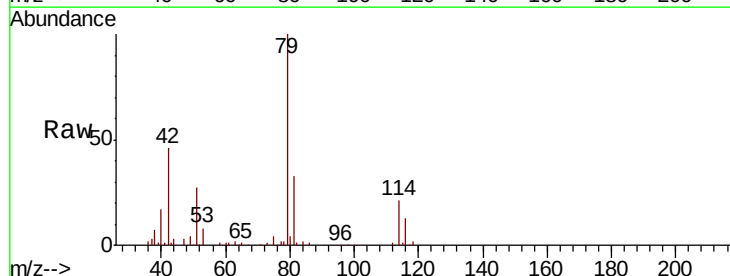


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

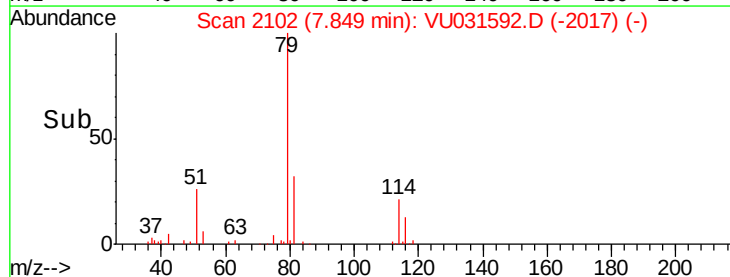
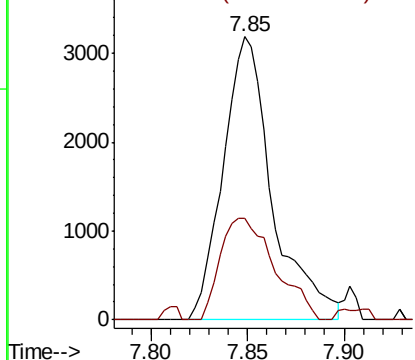


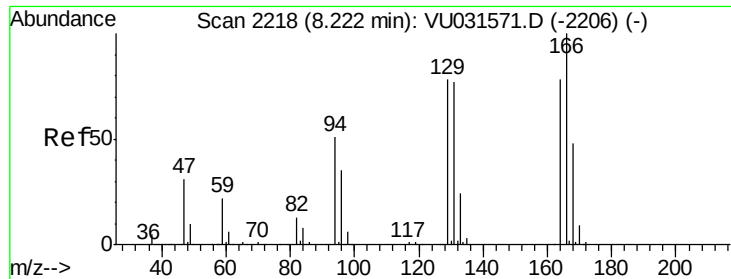
#44
 trans-1,3-Dichloropropene
 Concen: 0.699 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031592.D
 Acq: 29 Apr 2019 17:28

Tgt Ion:	75	Resp:	5635
Ion	Ratio	Lower	Upper
75	100		
77	35.7	22.1	41.1



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

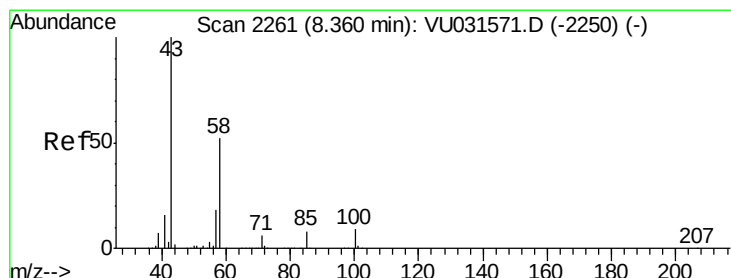
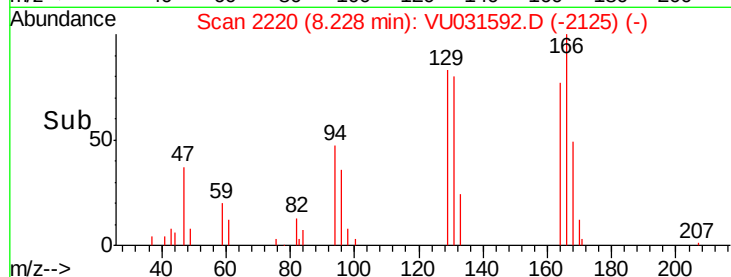
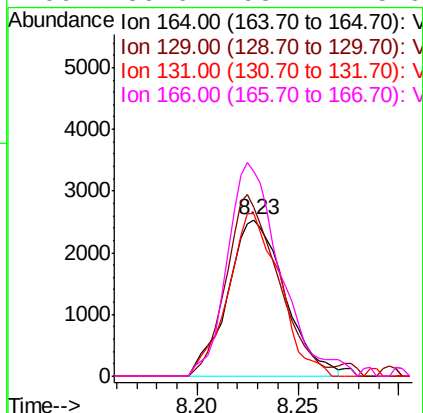
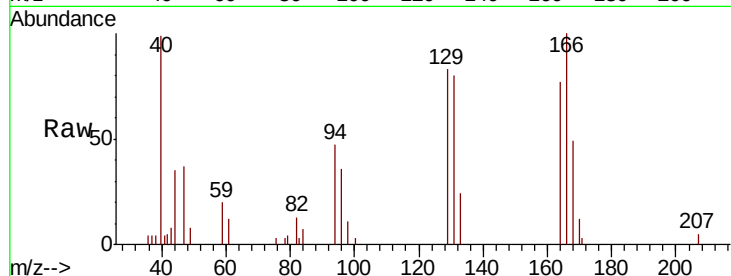




#46
 Tetrachloroethene
 Concen: 1.281 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU031592.D
 Acq: 29 Apr 2019 17:28

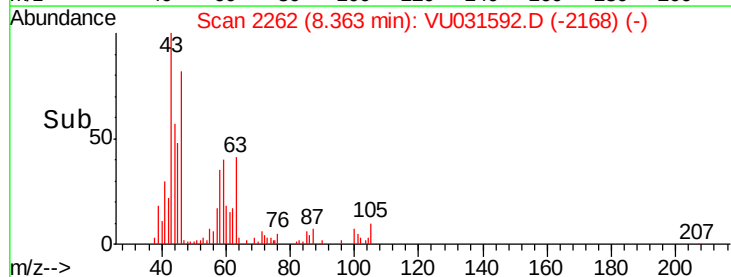
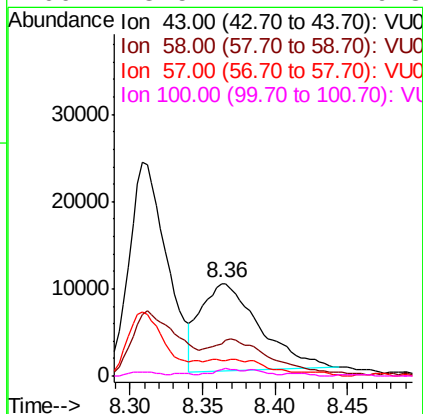
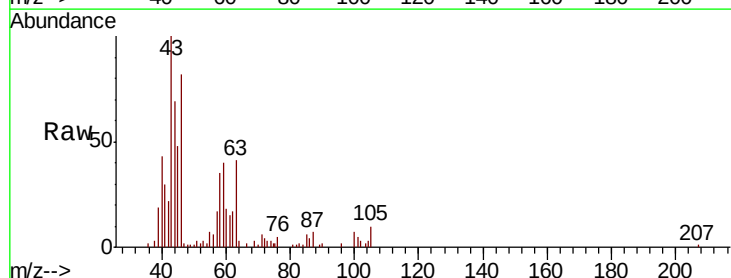
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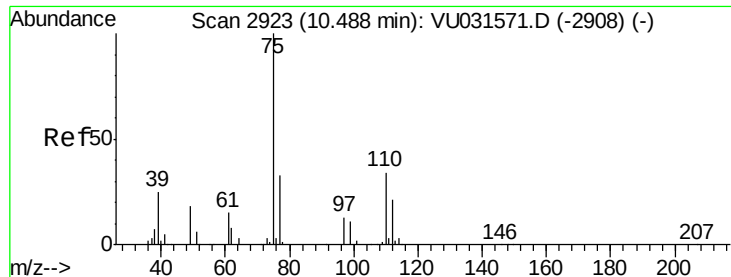
Tgt Ion:	164	Resp:	5017
Ion	Ratio	Lower	Upper
164	100		
129	108.0	71.5	132.9
131	104.1	69.0	128.2
166	130.6	93.7	173.9



#48
 2-Hexanone
 Concen: 3.419 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031592.D
 Acq: 29 Apr 2019 17:28

Tgt Ion:	43	Resp:	28628
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.1	63.1#
57	0.0	14.6	22.0#
100	3.5	7.2	10.8#





#59

1,2,3-Trichloropropane

Concen: 4.282 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031592.D

Acq: 29 Apr 2019 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0WZ6

Tgt Ion: 75 Resp: 34163

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

