

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030740.D
 Acq On : 05 Apr 2019 13:55
 Operator : JC/SP
 Sample : K2249-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 11:08:33 AM

Quant Time: Apr 06 01:56:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414315	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	404814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	164088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	194211	52.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.02%
7) Chloroethane-d5	1.68	69	153619	54.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.46%
11) 1,1-Dichloroethene-d2	2.27	63	261918	39.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.30%
21) 2-Butanone-d5	4.17	46	319001	108.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.83%
24) Chloroform-d	4.64	84	274386	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.31	65	206184	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.96%
32) Benzene-d6	5.34	84	607493	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.32	67	209873	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.56	98	495830	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%
43) trans-1,3-Dichloropropene-	7.85	79	85467	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.31	63	187089	101.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	276430	50.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	165766	51.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.74%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.45	63	11646	1.856 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	34874	10.386 ug/L	91
30) 1,1,1-Trichloroethane	4.91	97	17092	3.465 ug/L #	64
46) Tetrachloroethene	8.22	164	1399m	0.592 ug/L	

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

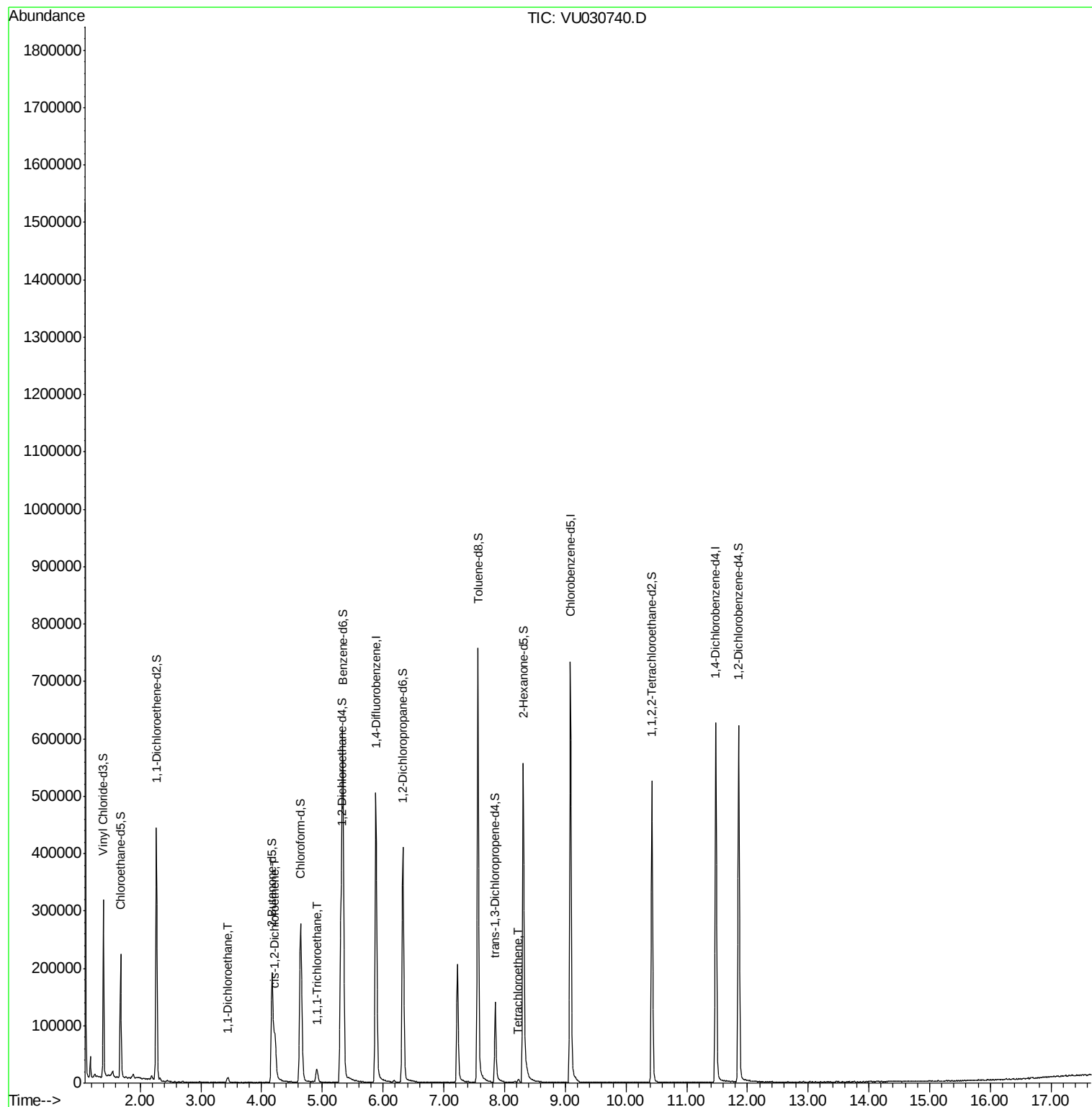
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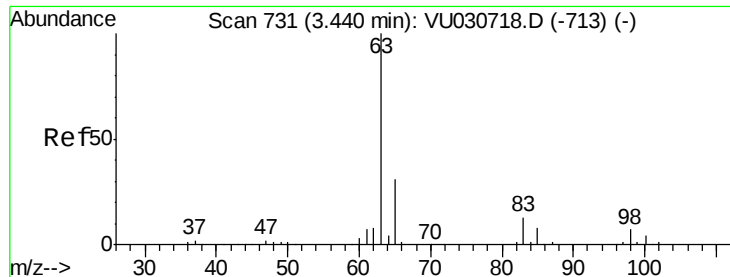
Instrument :
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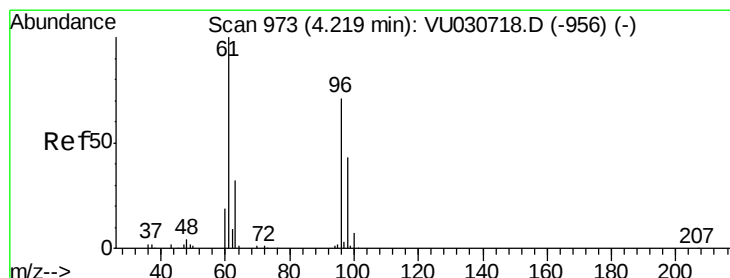
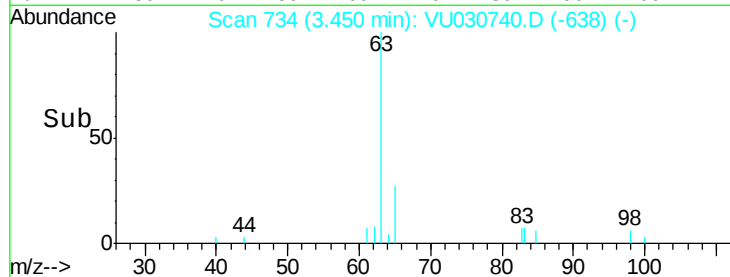
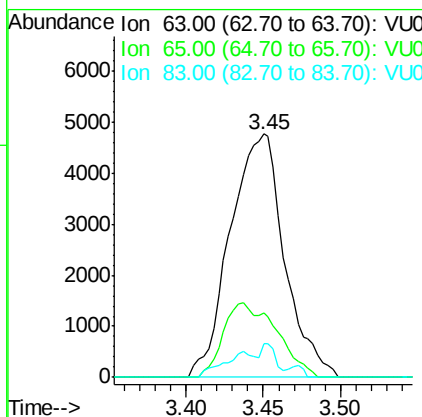
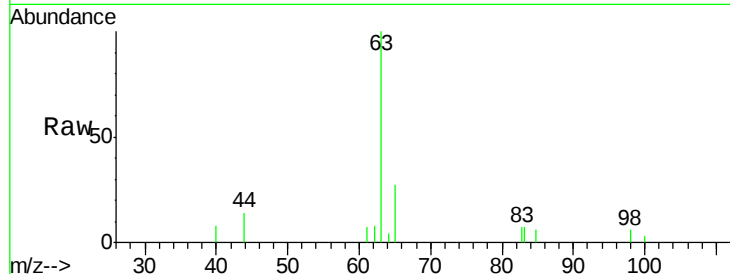
#19
 1,1-Dichloroethane
 Concen: 1.856 ug/L
 RT: 3.45 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE1

Tot Ion	Ratio	Lower	Upper
63	100		
65	26.7	21.4	39.8
83	13.7	8.5	15.7

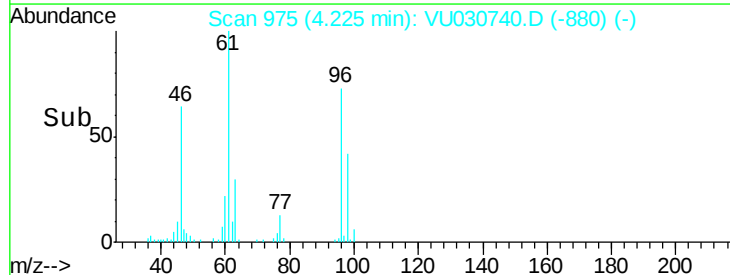
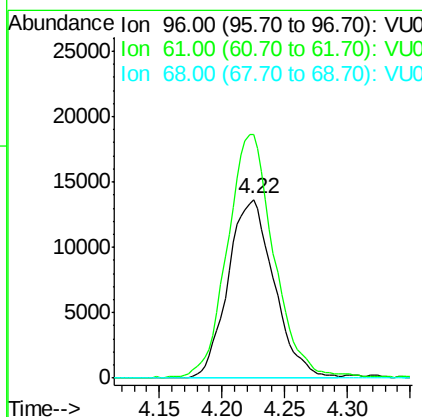
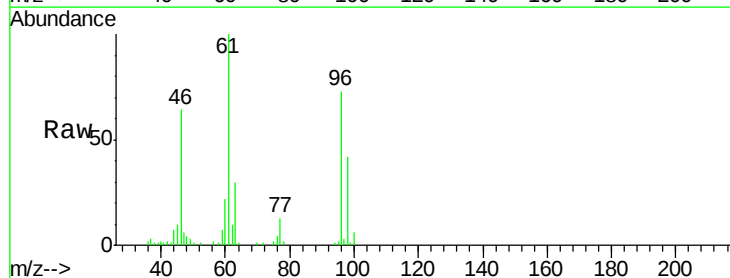
Manual Integrations
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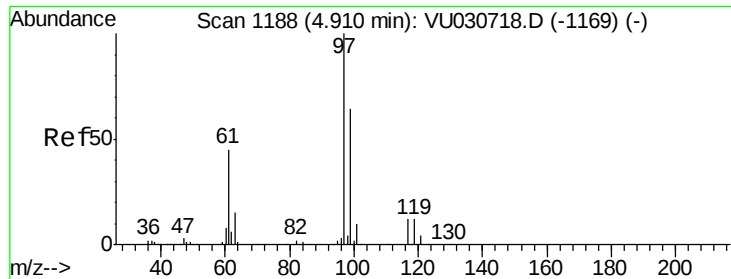
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#20
 cis-1,2-Dichloroethene
 Concen: 10.386 ug/L
 RT: 4.22 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.1	102.9	191.1
68	0.0	0.0	0.0





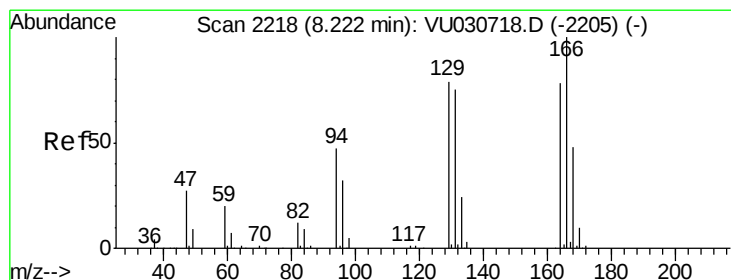
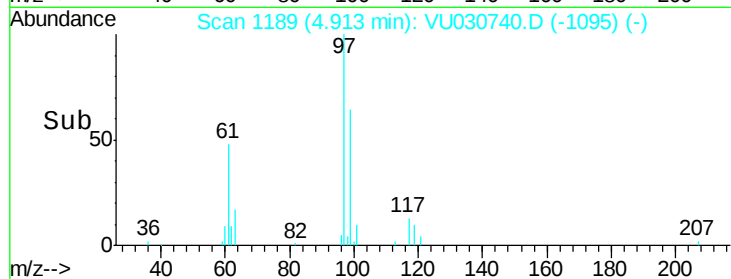
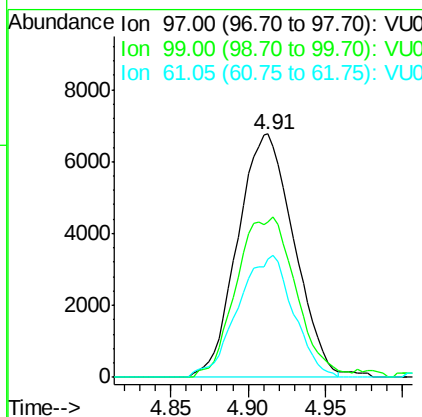
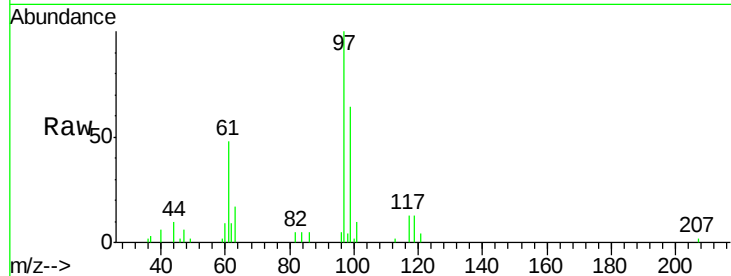
#30
 1,1,1-Trichloroethane
 Concen: 3.465 ug/L
 RT: 4.91 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

Instrument :
 MSVOA_U
 ClientSampled :
 E3YE1

Tot Ion	Ratio	Lower	Upper
97	100		
99	34.2	51.4	77.2#
61	25.0	37.1	55.7#

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 0.592 ug/L m
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU030740.D
 Acq: 05 Apr 2019 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
129	77.9	67.4	125.2
131	87.0	65.9	122.5
166	108.5	88.6	164.6

