

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030739.D
 Acq On : 05 Apr 2019 13:32
 Operator : JC/SP
 Sample : K2249-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0

Manual Integrations
 APPROVED

MMDadoda
 4/6/2019 11:08:28 AM

Quant Time: Apr 06 01:55:01 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	426055	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	409227	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	171901	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	202069	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.26%
7) Chloroethane-d5	1.68	69	150980	52.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.27	63	273213	39.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.44%
21) 2-Butanone-d5	4.17	46	320715	106.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	4.64	84	283489m	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.31	65	202685	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
32) Benzene-d6	5.33	84	613809	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
36) 1,2-Dichloropropane-d6	6.32	67	213631	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.56	98	525410	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%
43) trans-1,3-Dichloropropene-	7.85	79	85123	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.20%
47) 2-Hexanone-d5	8.31	63	190065	101.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	272784	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	170247	50.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.72%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.44	63	11849	1.836 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	28875	8.363 ug/L	95
30) 1,1,1-Trichloroethane	4.91	97	20541	4.119 ug/L	95
46) Tetrachloroethene	8.23	164	2442	1.023 ug/L	77

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

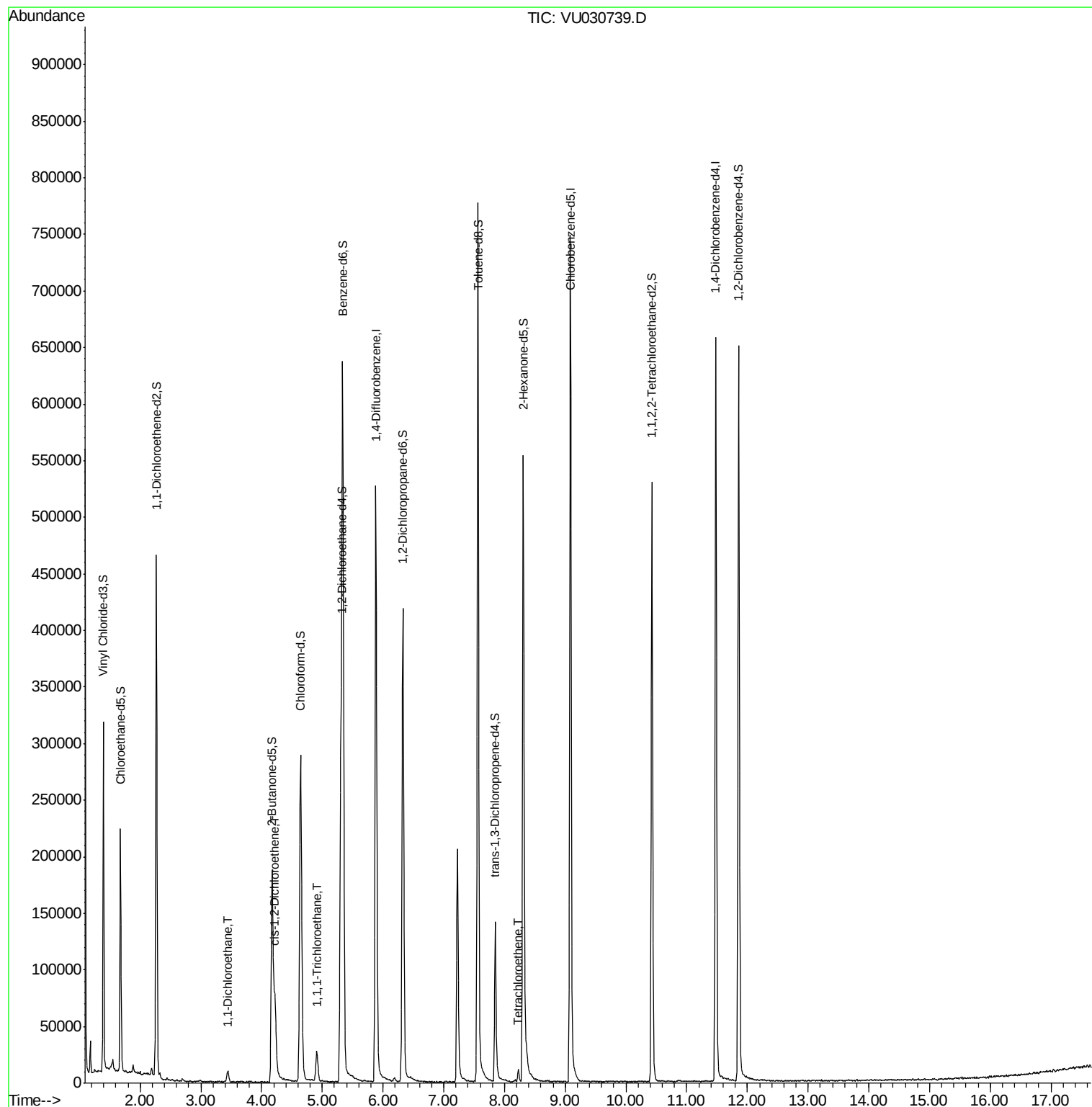
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040519\
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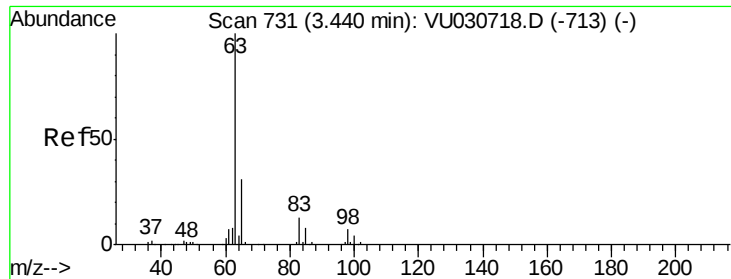
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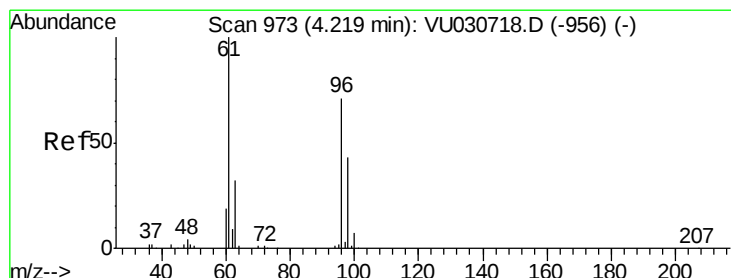
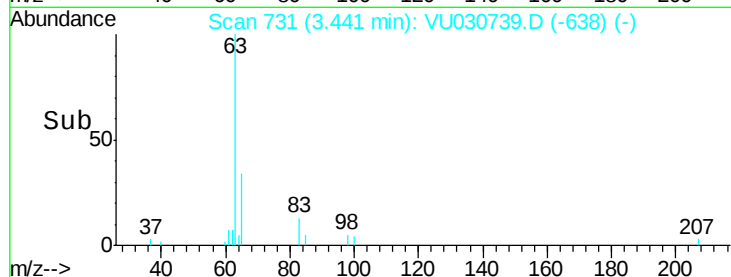
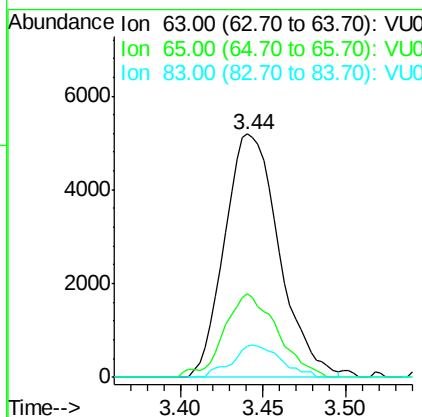
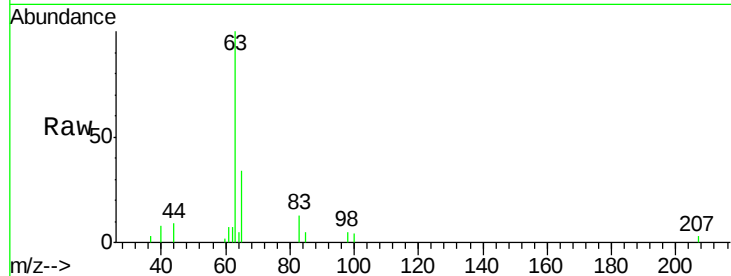
#19
 1,1-Dichloroethane
 Concen: 1.836 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU030739.D
 Acq: 05 Apr 2019 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YE0

Tot Ion:	63	Resp:	11849
Ion	Ratio	Lower	Upper
63	100		
65	34.4	21.4	39.8
83	12.7	8.5	15.7

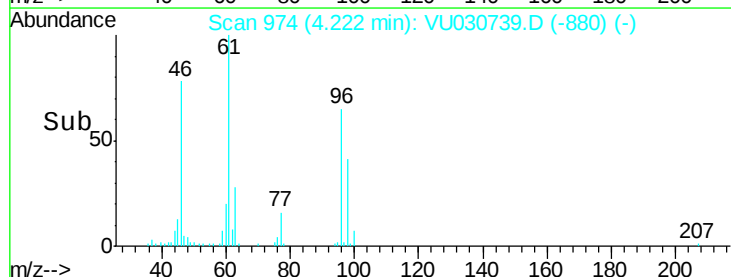
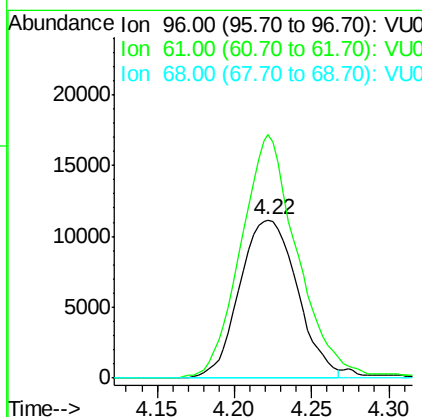
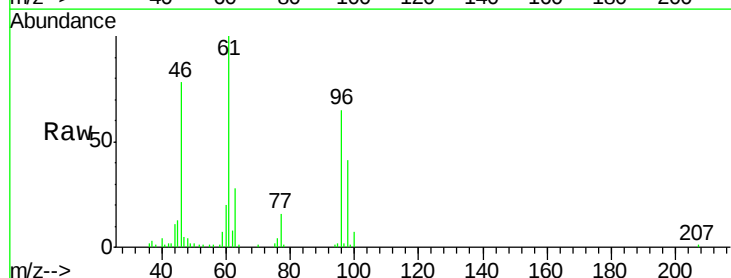
Manual Integrations
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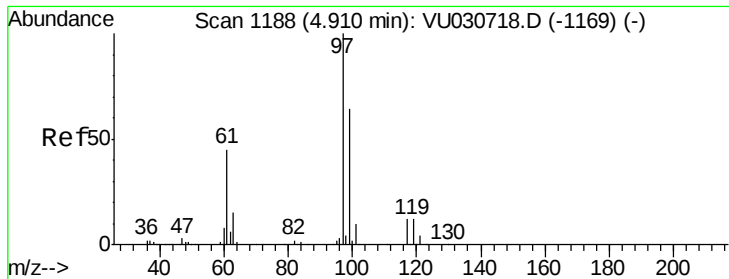
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#20
 cis-1,2-Dichloroethene
 Concen: 8.363 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030739.D
 Acq: 05 Apr 2019 13:32

Tgt Ion:	96	Resp:	28875
Ion	Ratio	Lower	Upper
96	100		
61	153.7	102.9	191.1
68	0.0	0.0	0.0





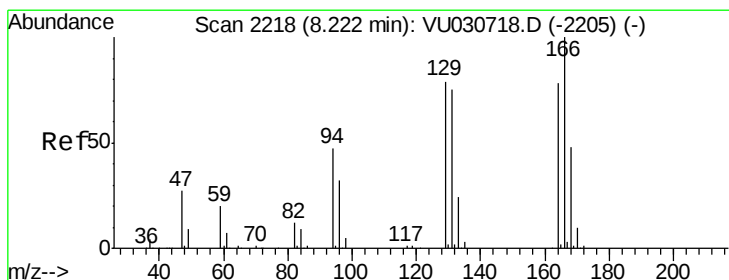
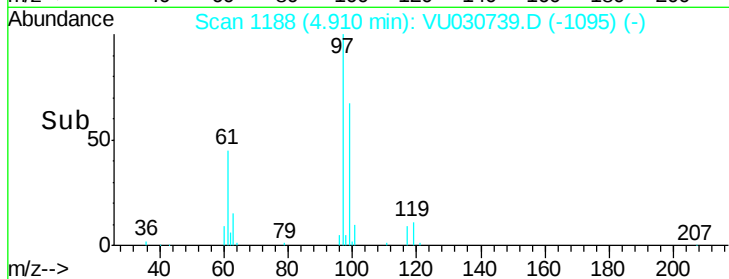
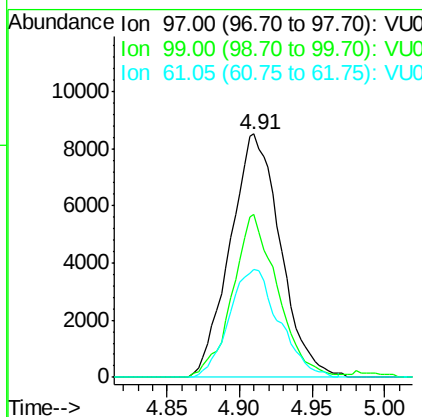
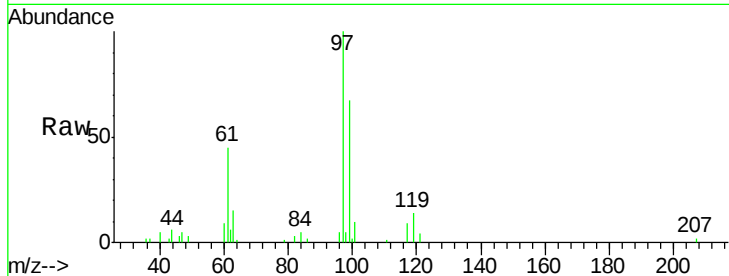
#30
 1,1,1-Trichloroethane
 Concen: 4.119 ug/L
 RT: 4.91 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: VU030739.D
 Acq: 05 Apr 2019 13:32

Instrument :
 MSVOA_U
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Tot Ion:	97	Resp:	20541
Ion	Ratio	Lower	Upper
97	100		
99	59.9	51.4	77.2
61	43.8	37.1	55.7

Manual Integrations
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#46
 Tetrachloroethene
 Concen: 1.023 ug/L
 RT: 8.23 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: VU030739.D
 Acq: 05 Apr 2019 13:32

Tgt Ion:	164	Resp:	2442
Ion	Ratio	Lower	Upper
164	100		
129	70.8	67.4	125.2
131	84.6	65.9	122.5
166	91.5	88.6	164.6

