

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037309.D
 Acq On : 17 Mar 2020 12:19
 Operator : JC/MD
 Sample : L1901-06DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NC9DL

Manual Integrations
 APPROVED

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Quant Time: Mar 18 03:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 02:36:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	443116	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	427043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	174463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133773	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.02%
7) Chloroethane-d5	1.93	69	123234	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.14%
11) 1,1-Dichloroethene-d2	2.59	63	195817m	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	4.67	46	243737	89.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.81%
24) Chloroform-d	5.11	84	292430	44.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.70%
26) 1,2-Dichloroethane-d4	5.74	65	217924	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
32) Benzene-d6	5.76	84	545123	46.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.74%
36) 1,2-Dichloropropane-d6	6.73	67	180357	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.74%
41) Toluene-d8	7.93	98	510360	45.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.82%
43) trans-1,3-Dichloropropene-	8.20	79	93106	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.90%
47) 2-Hexanone-d5	8.66	63	172656	86.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.66%
57) 1,1,1,2,2-Tetrachloroethane-	10.78	84	260264	43.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.32%
64) 1,2-Dichlorobenzene-d4	12.21	152	184302	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	5389	2.061 ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	4864	1.468 ug/L	91
30) 1,1,1-Trichloroethane	5.36	97	6974	1.230 ug/L #	81
34) Trichloroethene	6.57	95	70834	21.656 ug/L	97

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

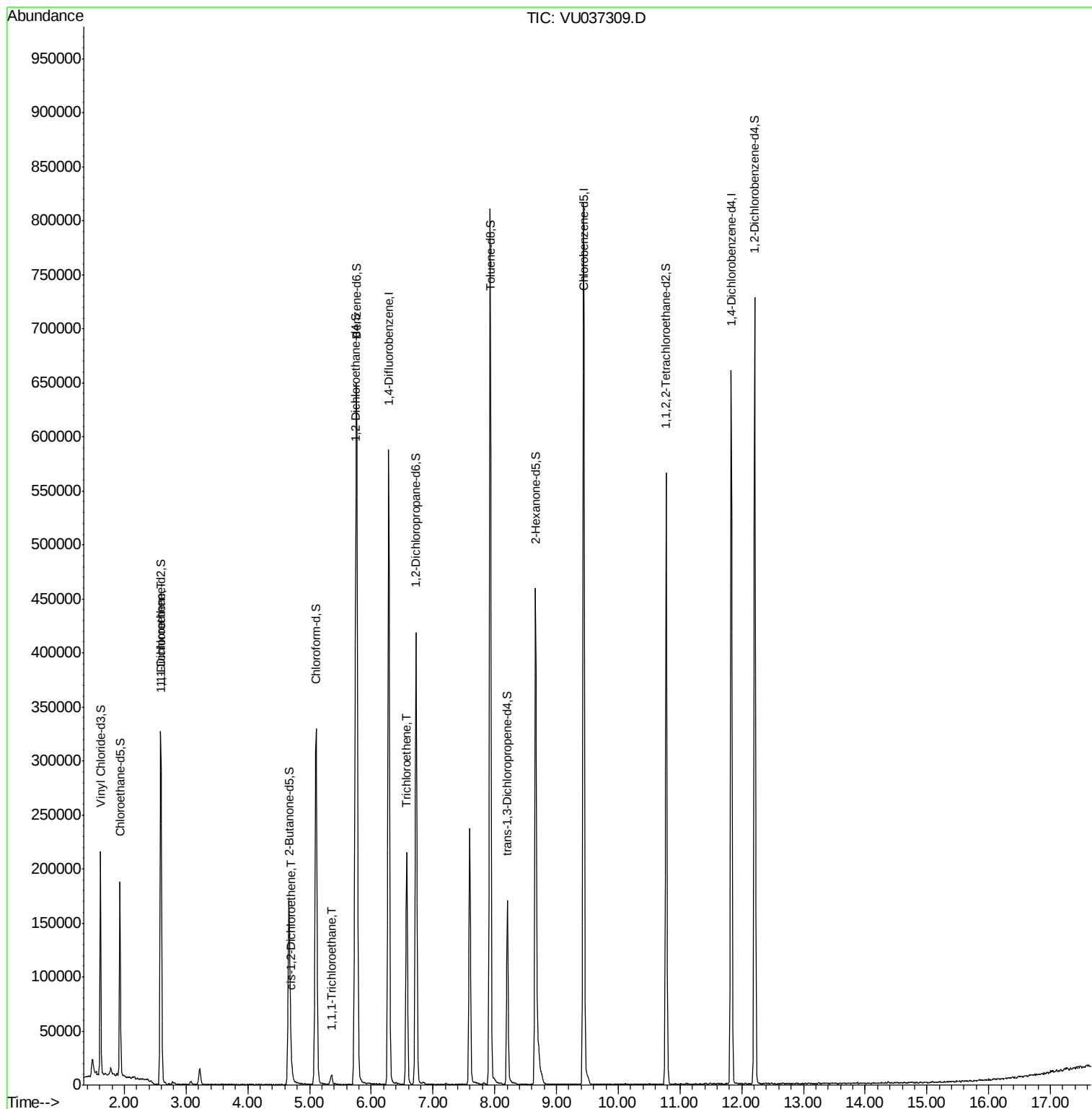
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031720\
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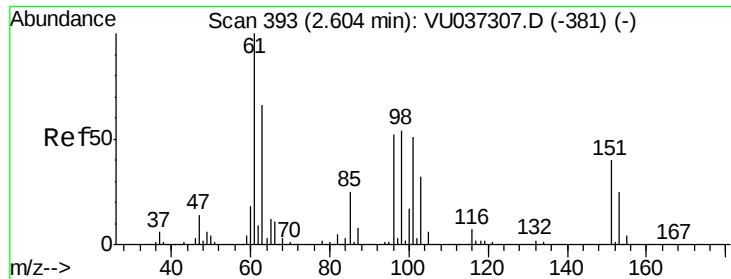
Instrument :
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ClientSampleId :
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Quant Time: Mar 18 03:02:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 02:36:04 2020
Response via : Initial Calibration





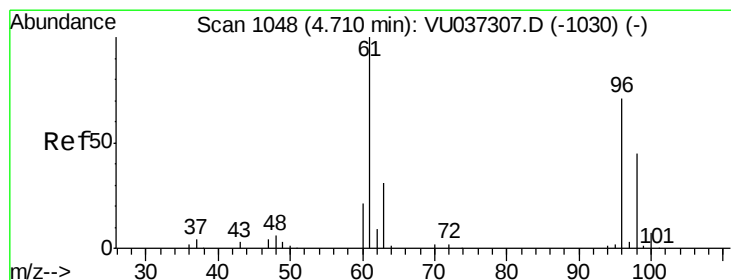
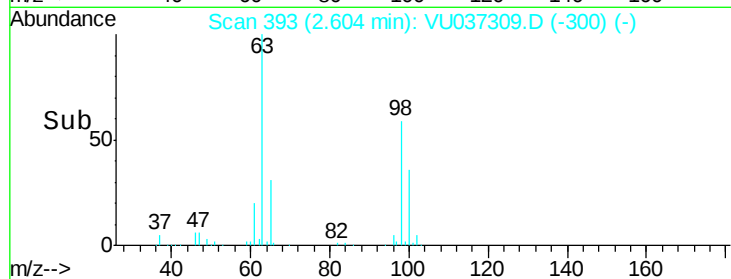
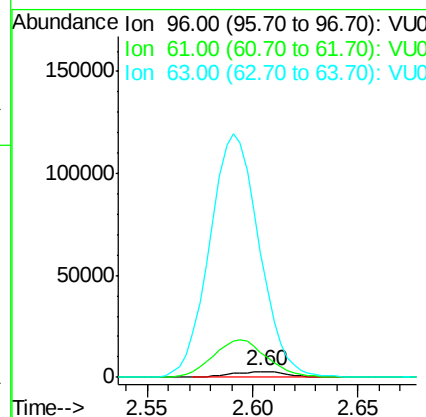
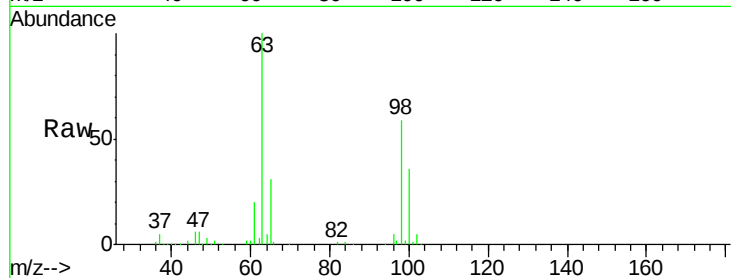
#12
 1,1-Dichloroethene
 Concen: 2.061 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037309.D
 Acq: 17 Mar 2020 12:19

Instrument :
 MSVOA_U
 ClientSampled :
 C0NC9DL

Tot Ion: 96 Resp: 5389
 Ion Ratio Lower Upper
 96 100
 61 444.4 138.8 257.8#
 63 2186.6 106.4 197.6

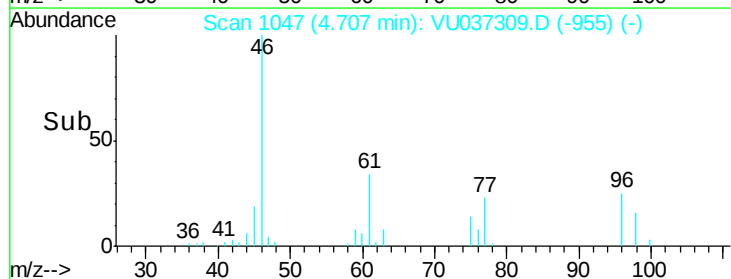
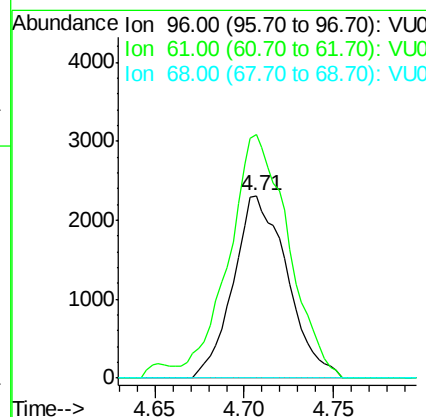
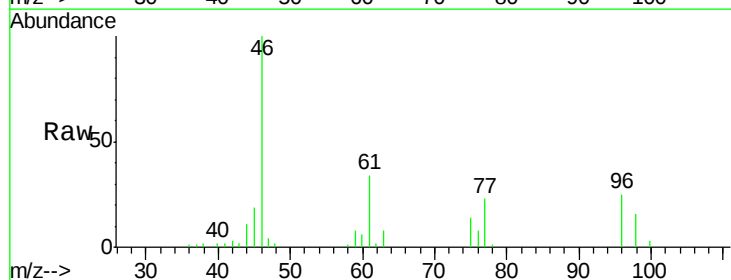
Manual Integrations
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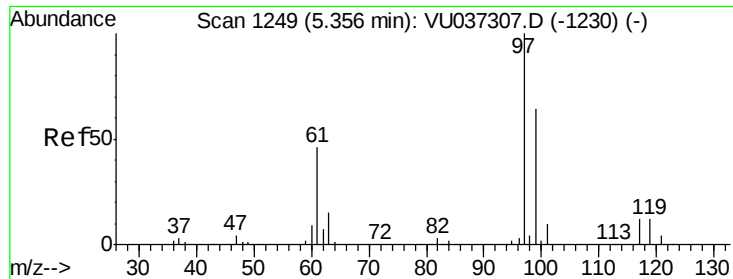
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#20
 cis-1,2-Dichloroethene
 Concen: 1.468 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037309.D
 Acq: 17 Mar 2020 12:19

Tgt Ion: 96 Resp: 4864
 Ion Ratio Lower Upper
 96 100
 61 133.5 101.2 187.8
 68 0.0 0.0 0.0





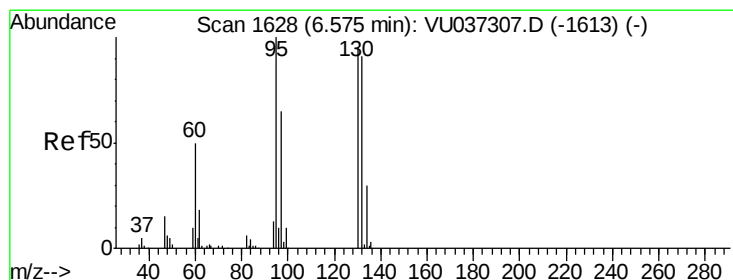
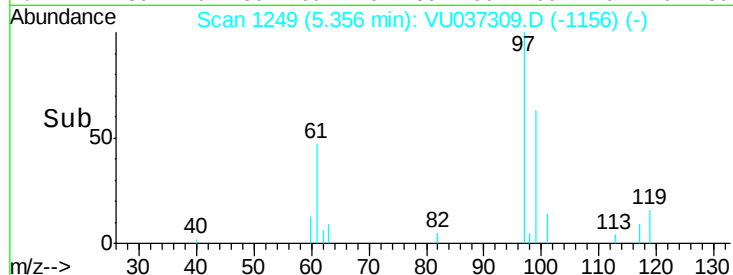
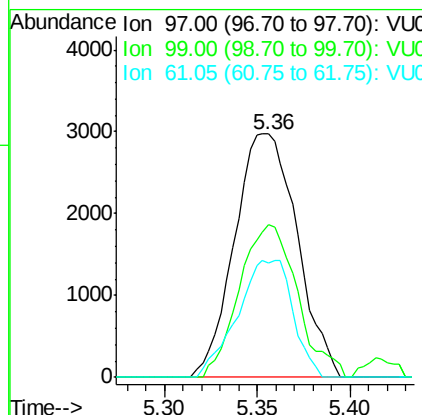
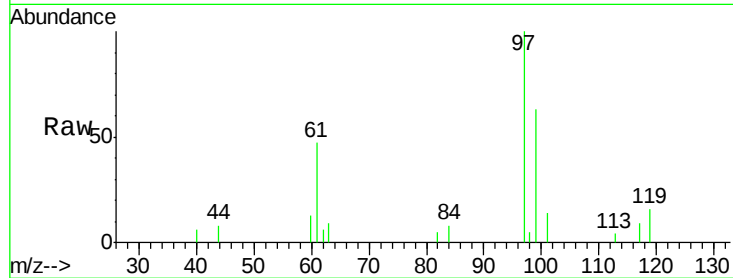
#30
 1,1,1-Trichloroethane
 Concen: 1.230 ug/L
 RT: 5.36 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: VU037309.D
 Acq: 17 Mar 2020 12:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NC9DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		6974		
99	58.1	51.4	77.0		
61	25.6	39.0	58.4		

Manual Integrations
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#34
 Trichloroethene
 Concen: 21.656 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037309.D
 Acq: 17 Mar 2020 12:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		70834		
97	61.3	43.8	81.4		
132	91.4	62.6	116.3		
130	96.0	64.8	120.4		

