

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037051.D
 Acq On : 04 Mar 2020 20:09
 Operator : JC/MD
 Sample : L1784-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ7

Quant Time: Mar 05 02:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 00:57:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	243993	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	229202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	74443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87249	42.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.16%
7) Chloroethane-d5	1.91	69	83773	49.41	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.82%
11) 1,1-Dichloroethene-d2	2.58	63	114938	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.00%
21) 2-Butanone-d5	4.67	46	138417	100.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.71%
24) Chloroform-d	5.10	84	157725	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.74	65	108983	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
32) Benzene-d6	5.76	84	337490	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
36) 1,2-Dichloropropane-d6	6.72	67	111354	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.72%
41) Toluene-d8	7.92	98	294626	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%
43) trans-1,3-Dichloropropene-	8.20	79	44099	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.66	63	93486	89.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	157321	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	80264	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%

Target Compounds

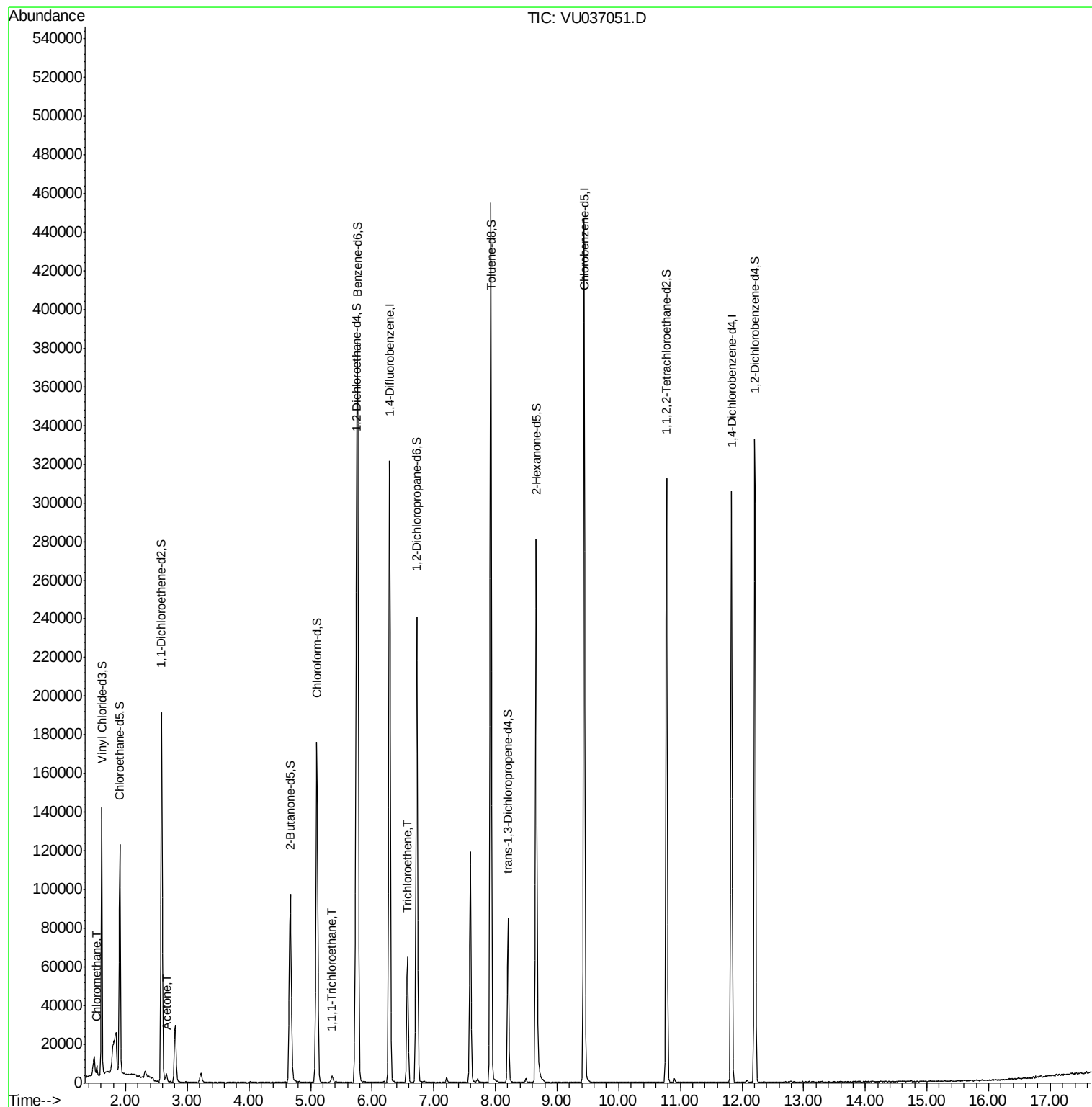
					Ovalue
3) Chloromethane	1.53	50	3691	1.550 ug/L	95
13) Acetone	2.66	43	3629	2.567 ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	2502	1.018 ug/L #	81
34) Trichloroethene	6.57	95	21505	12.084 ug/L	97

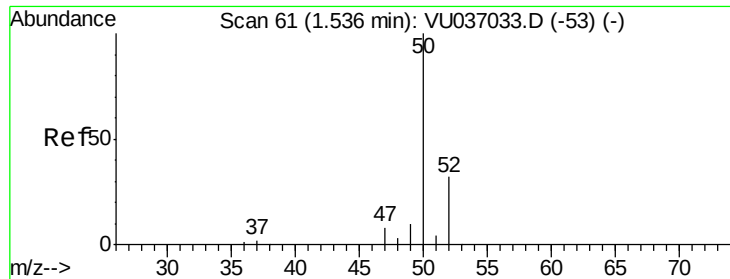
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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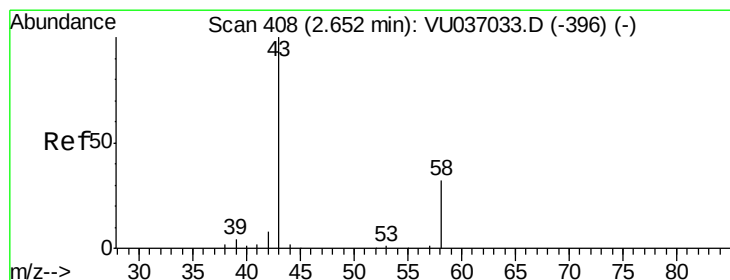
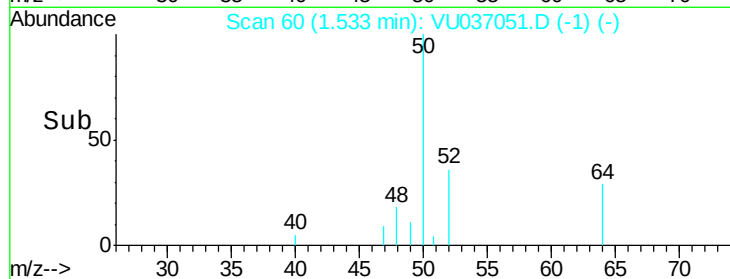
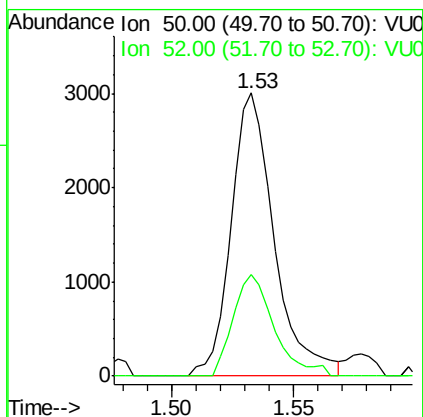
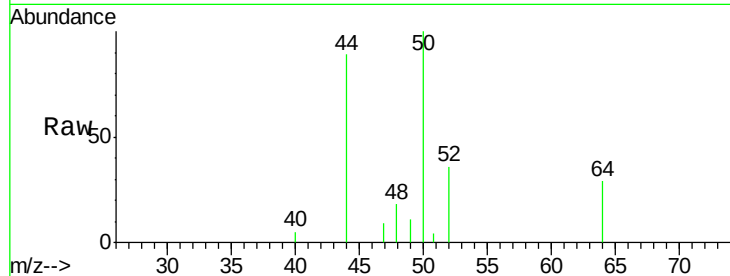




#3
Chloromethane
Concen: 1.550 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

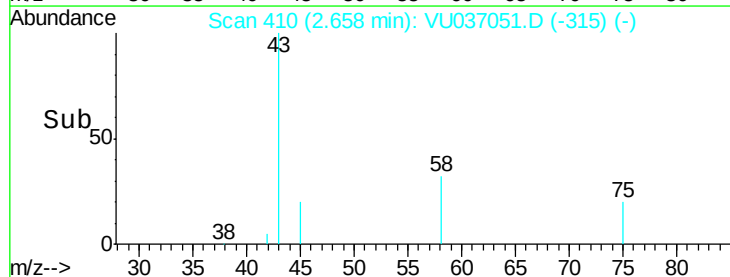
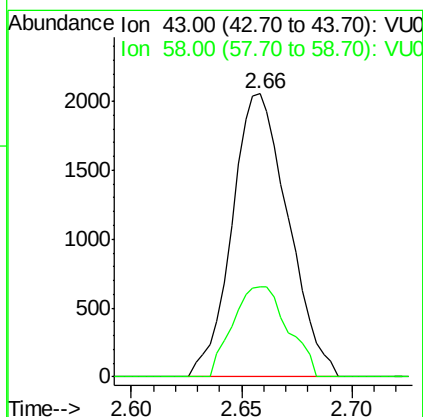
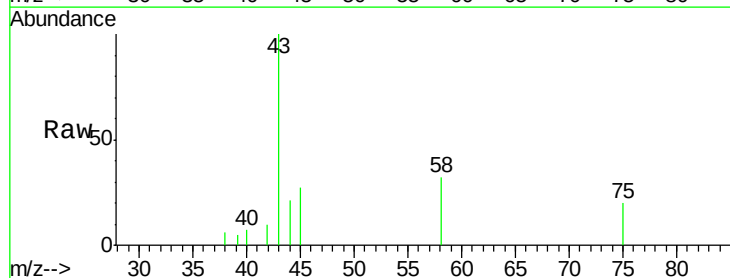
Instrument :
MSVOA_U
ClientSampleId :
C0A27

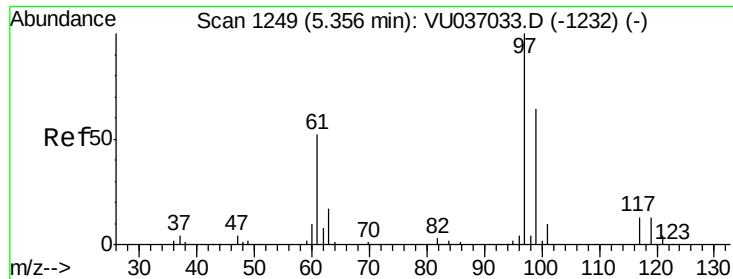
Tot Ion: 50 Resp: 3691
Ion Ratio Lower Upper
50 100
52 35.8 23.0 42.6



#13
Acetone
Concen: 2.567 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.01 min
Lab File: VU037051.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 43 Resp: 3629
Ion Ratio Lower Upper
43 100
58 31.3 0.0 64.6

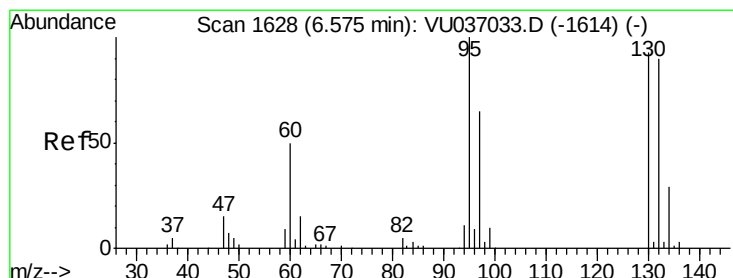
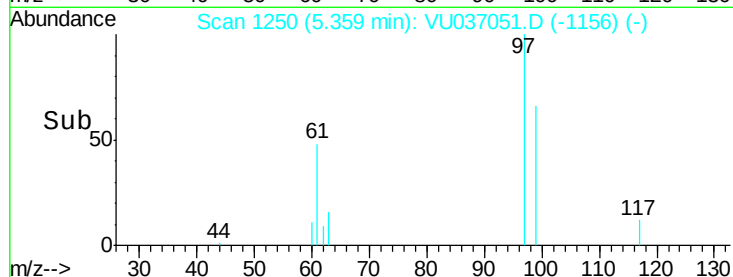
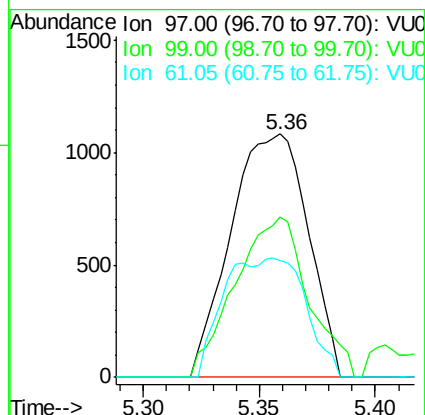
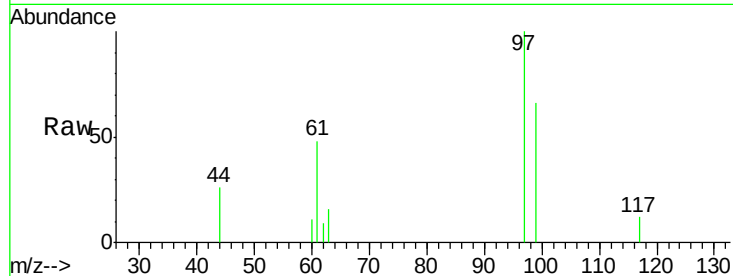




#30
 1,1,1-Trichloroethane
 Concen: 1.018 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: VU037051.D
 Acq: 04 Mar 2020 20:09

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Tot Ion: 97 Resp: 2502
 Ion Ratio Lower Upper
 97 100
 99 62.5 50.4 75.6
 61 20.7 40.3 60.5#



#34
 Trichloroethene
 Concen: 12.084 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU037051.D
 Acq: 04 Mar 2020 20:09

Tgt Ion: 95 Resp: 21505
 Ion Ratio Lower Upper
 95 100
 97 60.2 44.1 81.9
 132 86.3 60.6 112.6
 130 89.1 64.9 120.5

