

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030420\
 Data File : VU037050.D
 Acq On : 04 Mar 2020 19:45
 Operator : JC/MD
 Sample : L1784-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6

Quant Time: Mar 05 02:05:59 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	251379	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	236777	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	81938	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87864	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.24%
7) Chloroethane-d5	1.92	69	83502	47.81	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.62%
11) 1,1-Dichloroethene-d2	2.58	63	116450	32.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.88%
21) 2-Butanone-d5	4.67	46	139040	98.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.19%
24) Chloroform-d	5.10	84	156955	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
26) 1,2-Dichloroethane-d4	5.74	65	110548	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
32) Benzene-d6	5.76	84	339195	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
36) 1,2-Dichloropropane-d6	6.72	67	112423	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	7.93	98	295046	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%
43) trans-1,3-Dichloropropene-	8.20	79	45485	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.66	63	97262	89.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.67%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	158399	50.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	85531	53.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.80%

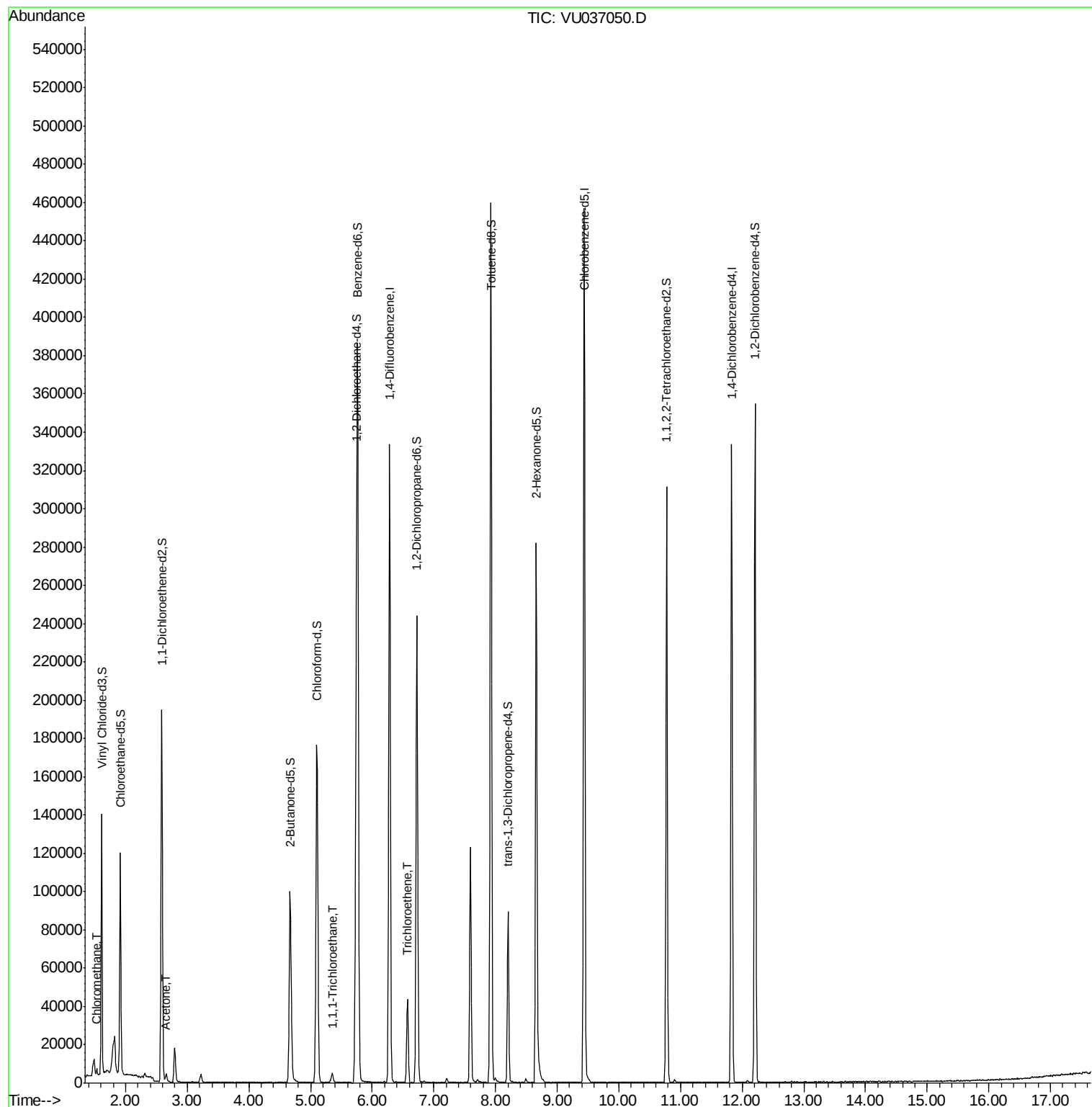
Target Compounds					Ovalue
3) Chloromethane	1.53	50	2568	1.047 ug/L	98
13) Acetone	2.66	43	3710	2.547 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	3568	1.405 ug/L	96
34) Trichloroethene	6.57	95	13659	7.429 ug/L	96

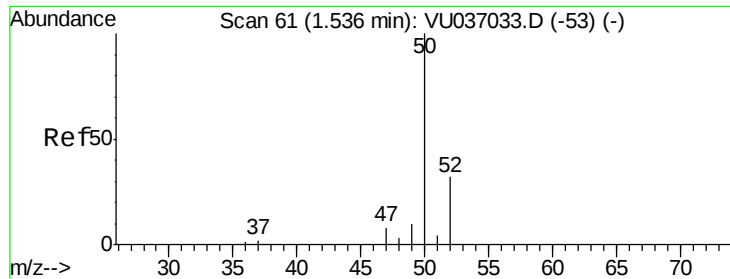
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.047 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU037050.D

Acq: 04 Mar 2020 19:45

Instrument :

MSVOA_U

ClientSampleId :

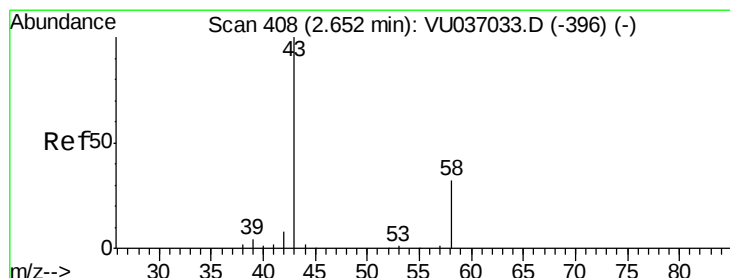
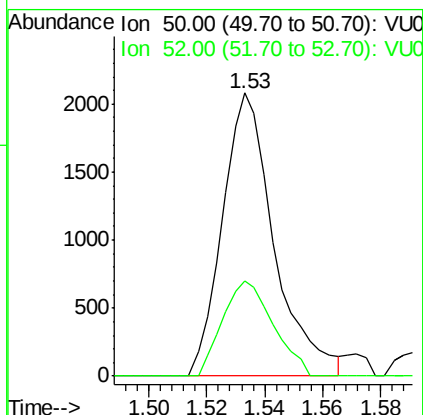
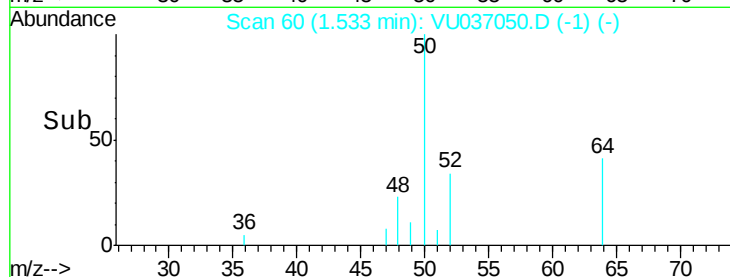
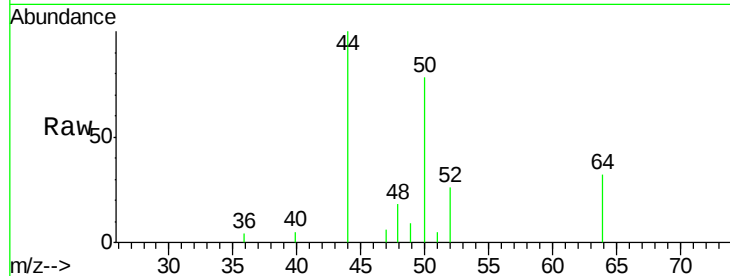
C0AZ6

Tot Ion: 50 Resp: 2568

Ion Ratio Lower Upper

50 100

52 33.7 23.0 42.6



#13

Acetone

Concen: 2.547 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037050.D

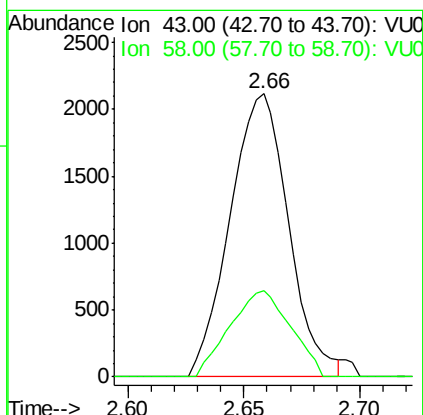
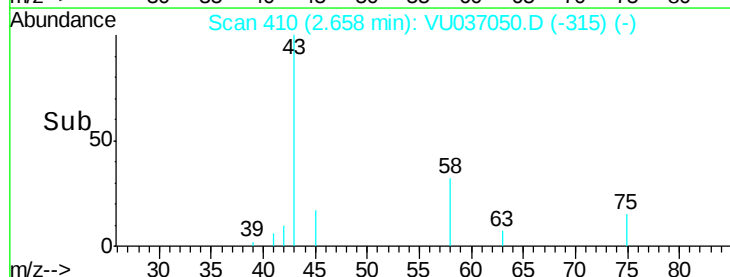
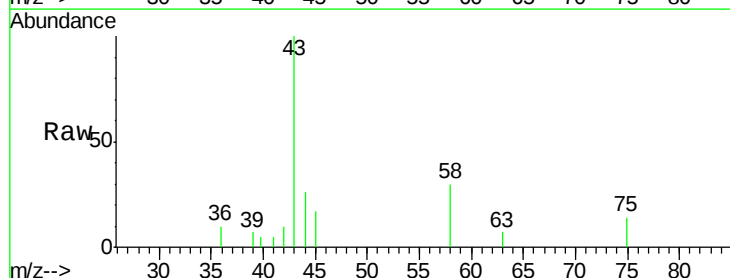
Acq: 04 Mar 2020 19:45

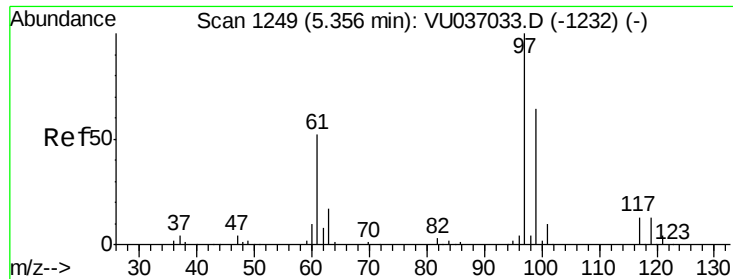
Tgt Ion: 43 Resp: 3710

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.6

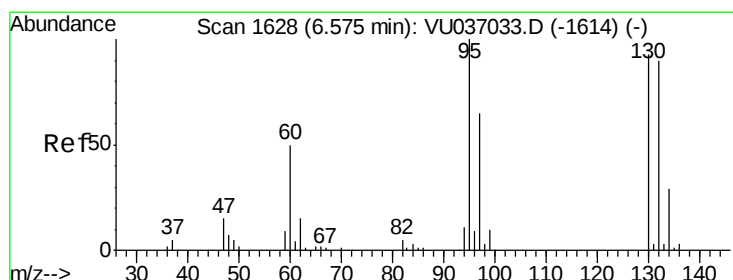
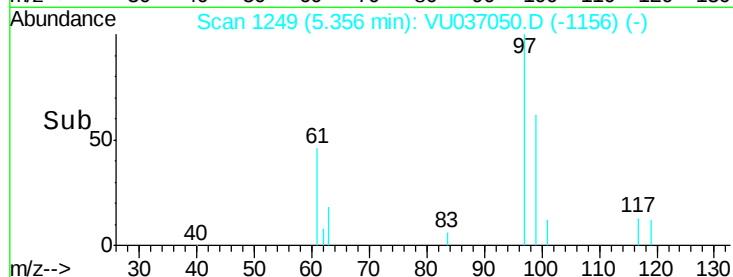
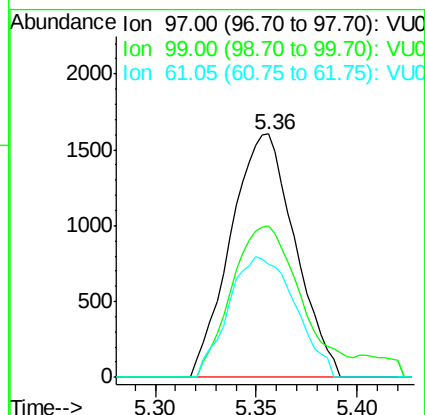
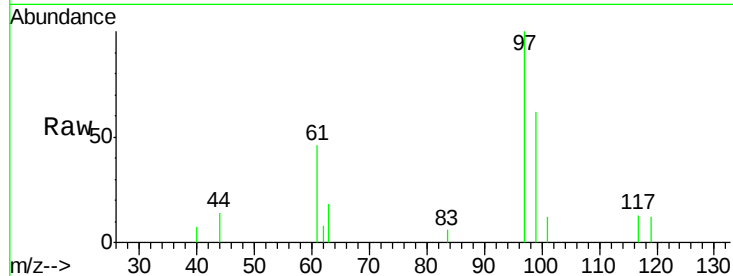




#30
1,1,1-Trichloroethane
Concen: 1.405 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
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C0AZ6

Tot Ion: 97 Resp: 3568
Ion Ratio Lower Upper
97 100
99 67.3 50.4 75.6
61 51.3 40.3 60.5



#34
Trichloroethene
Concen: 7.429 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU037050.D
Acq: 04 Mar 2020 19:45

Tgt Ion: 95 Resp: 13659
Ion Ratio Lower Upper
95 100
97 68.2 44.1 81.9
132 89.3 60.6 112.6
130 90.2 64.9 120.5

