

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060820\
 Data File : VU038664.D
 Acq On : 08 Jun 2020 12:47
 Operator : SY/MD
 Sample : L2910-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D29

Quant Time: Jun 09 01:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 09 00:46:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	316186	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310299	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112712	5.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	1.93	69	88331	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.59	63	169929	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.67	46	352686	56.73	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.46%
24) Chloroform-d	5.10	84	207454	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.74	65	122109	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.76	84	435205	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.72	67	129799	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.92	98	371771	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	8.20	79	54674	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.65	63	298787	59.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	107435	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	146273	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

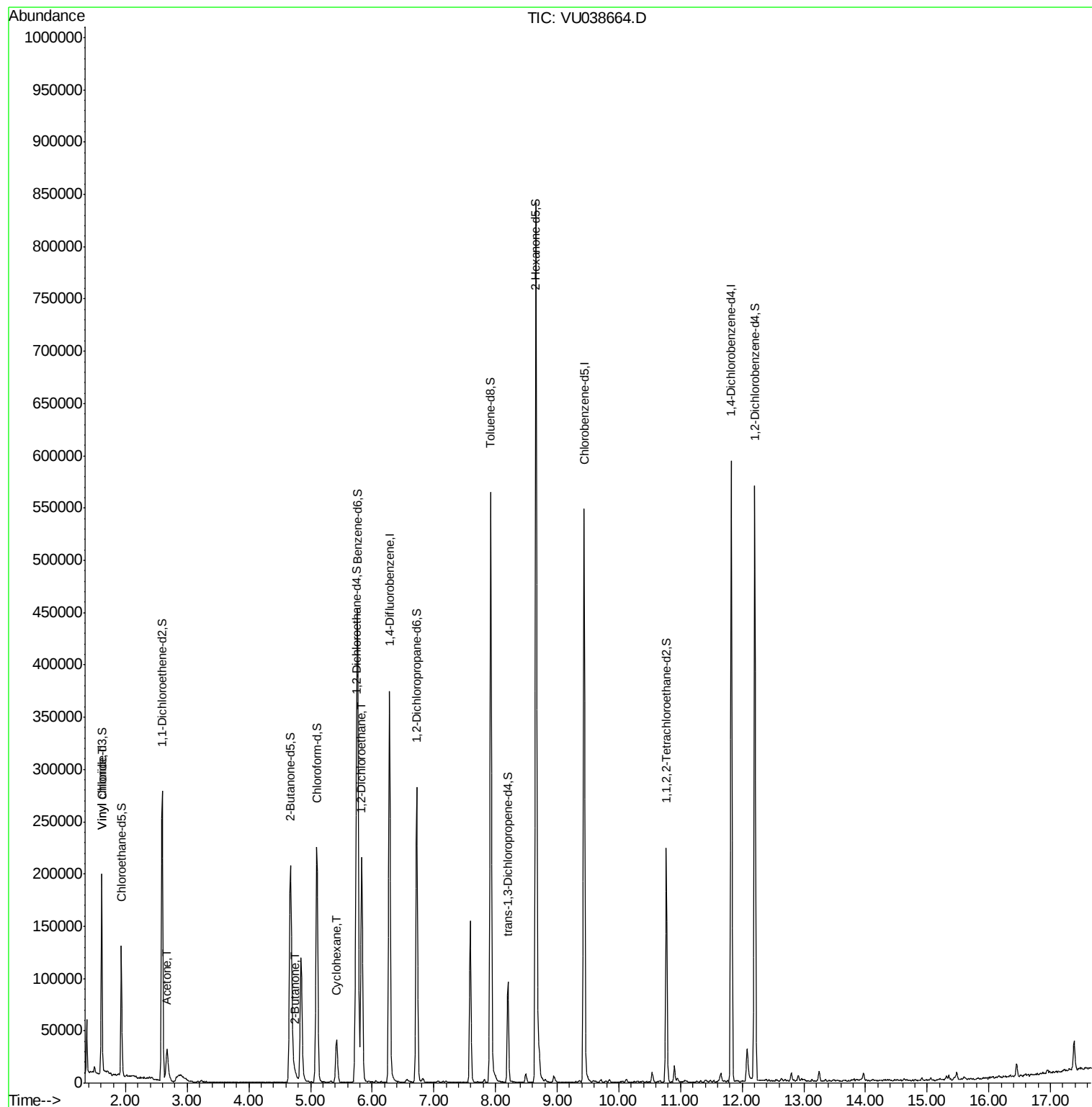
				Ovalue	
5) Vinyl chloride	1.62	62	11844	0.483	ug/L # 56
13) Acetone	2.67	43	50567	12.429	ug/L 100
21) 2-Butanone	4.75	43	8937	1.306	ug/L 98
27) 1,2-Dichloroethane	5.83	62	182251	6.786	ug/L 98
30) Cyclohexane	5.42	56	19602	0.569	ug/L 95

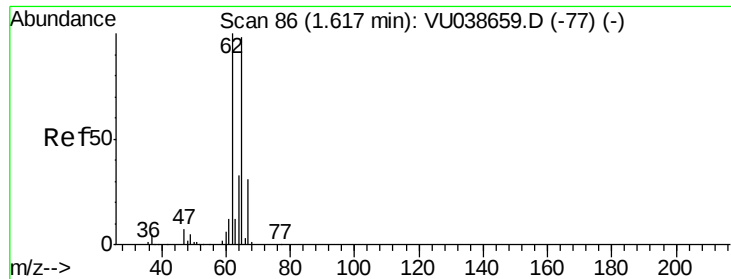
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.483 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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Acq: 08 Jun 2020 12:47

Instrument :

MSVOA_U

ClientSampleId :

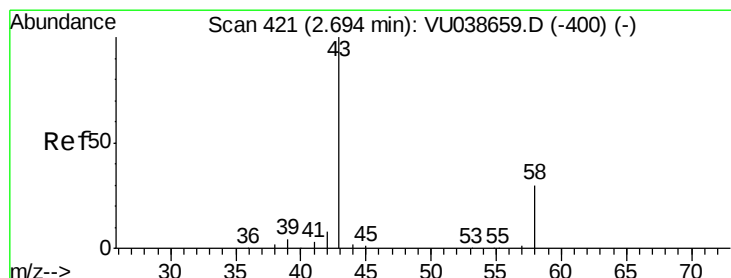
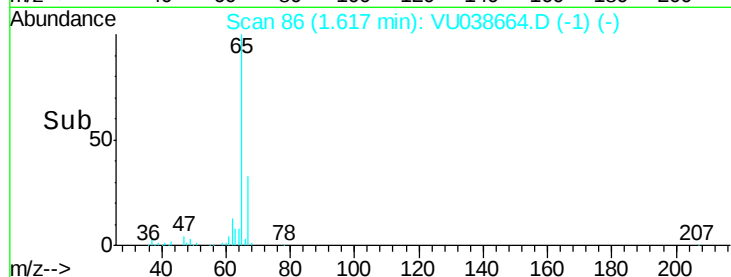
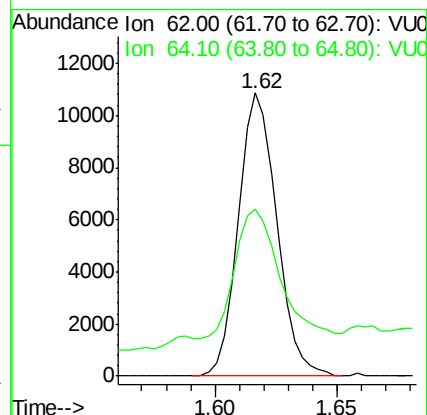
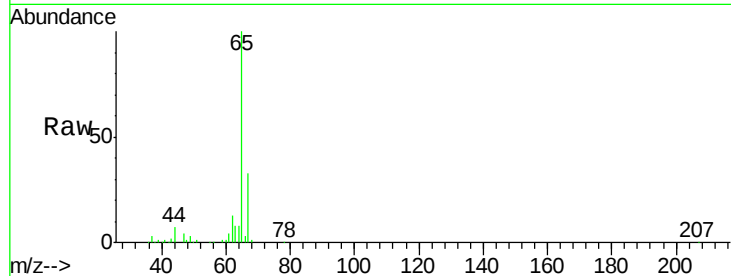
F9D29

Tot Ion: 62 Resp: 11844

Ion Ratio Lower Upper

62 100

64 58.9 23.7 43.9#



#13

Acetone

Concen: 12.429 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.02 min

Lab File: VU038664.D

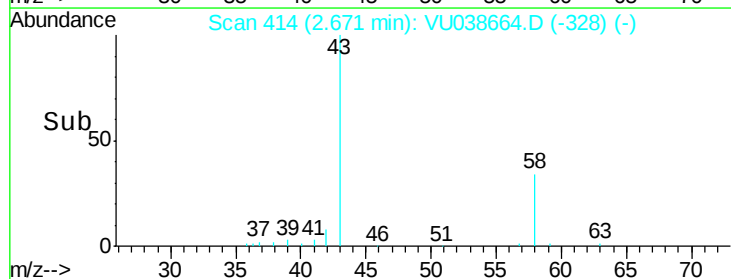
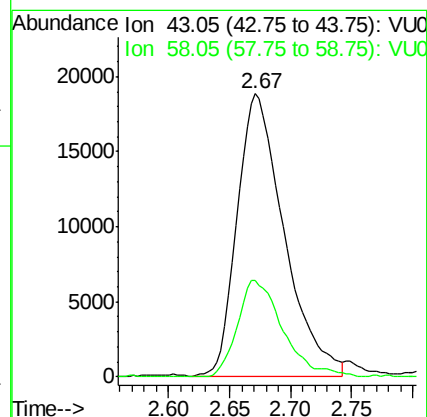
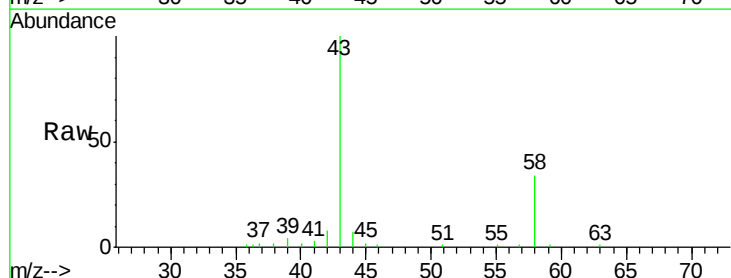
Acq: 08 Jun 2020 12:47

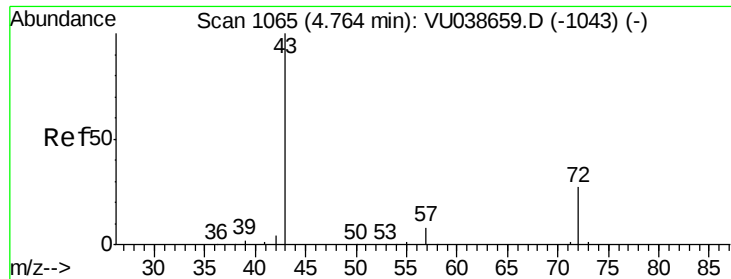
Tgt Ion: 43 Resp: 50567

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.6





#21

2-Butanone

Concen: 1.306 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU038664.D

Acq: 08 Jun 2020 12:47

Instrument :

MSVOA_U

ClientSampleId :

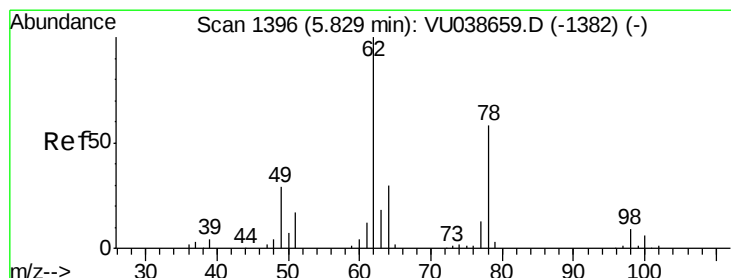
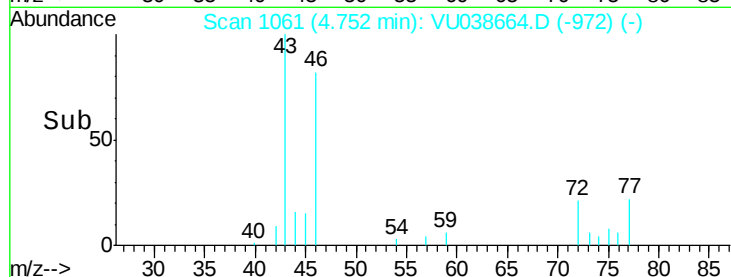
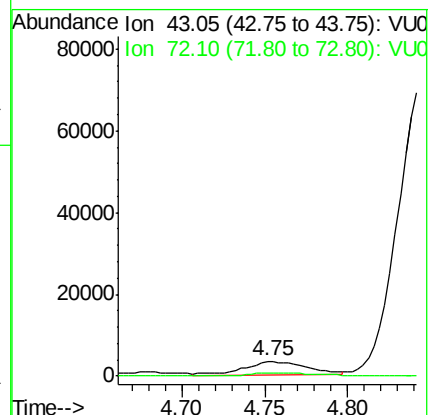
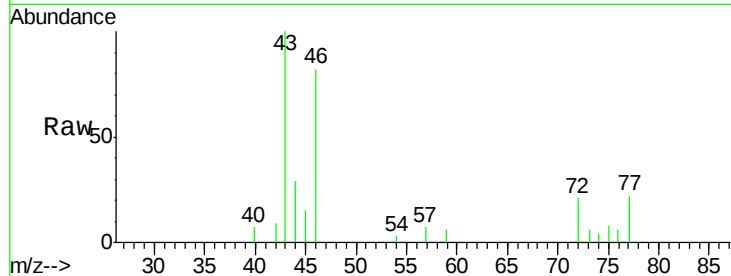
F9D29

Tot Ion: 43 Resp: 8937

Ion Ratio Lower Upper

43 100

72 24.4 12.6 37.8



#27

1,2-Dichloroethane

Concen: 6.786 ug/L

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038664.D

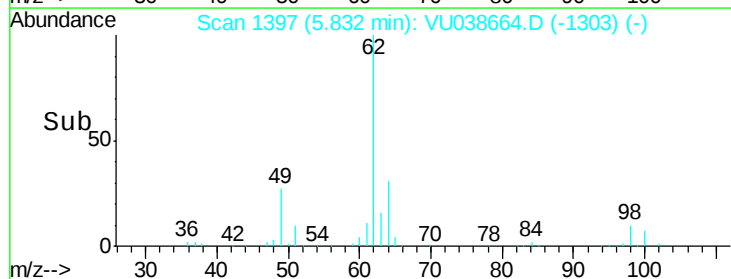
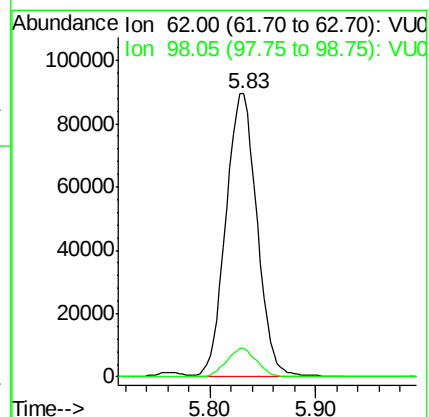
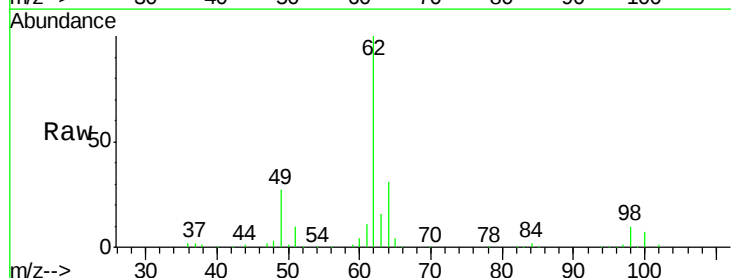
Acq: 08 Jun 2020 12:47

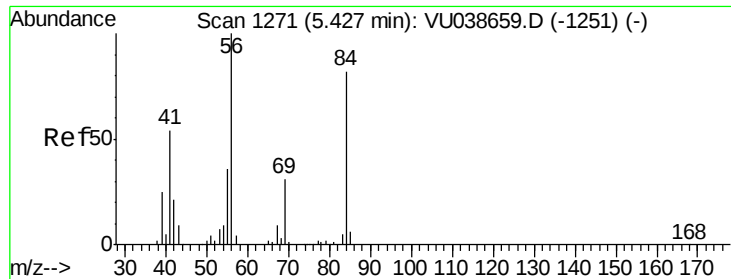
Tgt Ion: 62 Resp: 182251

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.2





#30
Cyclohexane
Concen: 0.569 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VU038664.D
Acq: 08 Jun 2020 12:47

Instrument :
MSVOA_U
ClientSampleId :
F9D29

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	24.2	36.4
84	91.9	70.8	106.2

