

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038605.D
 Acq On : 06 Jun 2020 06:23
 Operator : SY/MD
 Sample : L2910-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D29

Quant Time: Jun 07 02:14:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 07 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299558	5.00	ug/L	0.00
28) Chlorobenzene-d5	0.00	117	0	0.00	ug/L	-9.44
60) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	-11.82

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	60723	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.93	69	56917	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.59	63	102282	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.67	46	311820	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.10	84	165133	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.74	65	98240	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	327830	0.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	0.00%#
36) 1,2-Dichloropropane-d6	6.72	67	101589	0.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.00%#
41) Toluene-d8	0.00	98	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.00%#
46) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	0.00%#
57) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.00%#
64) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ug/L	
Spiked Amount	5.000	Range	80 - 120	Recovery	=	0.00%#

Target Compounds

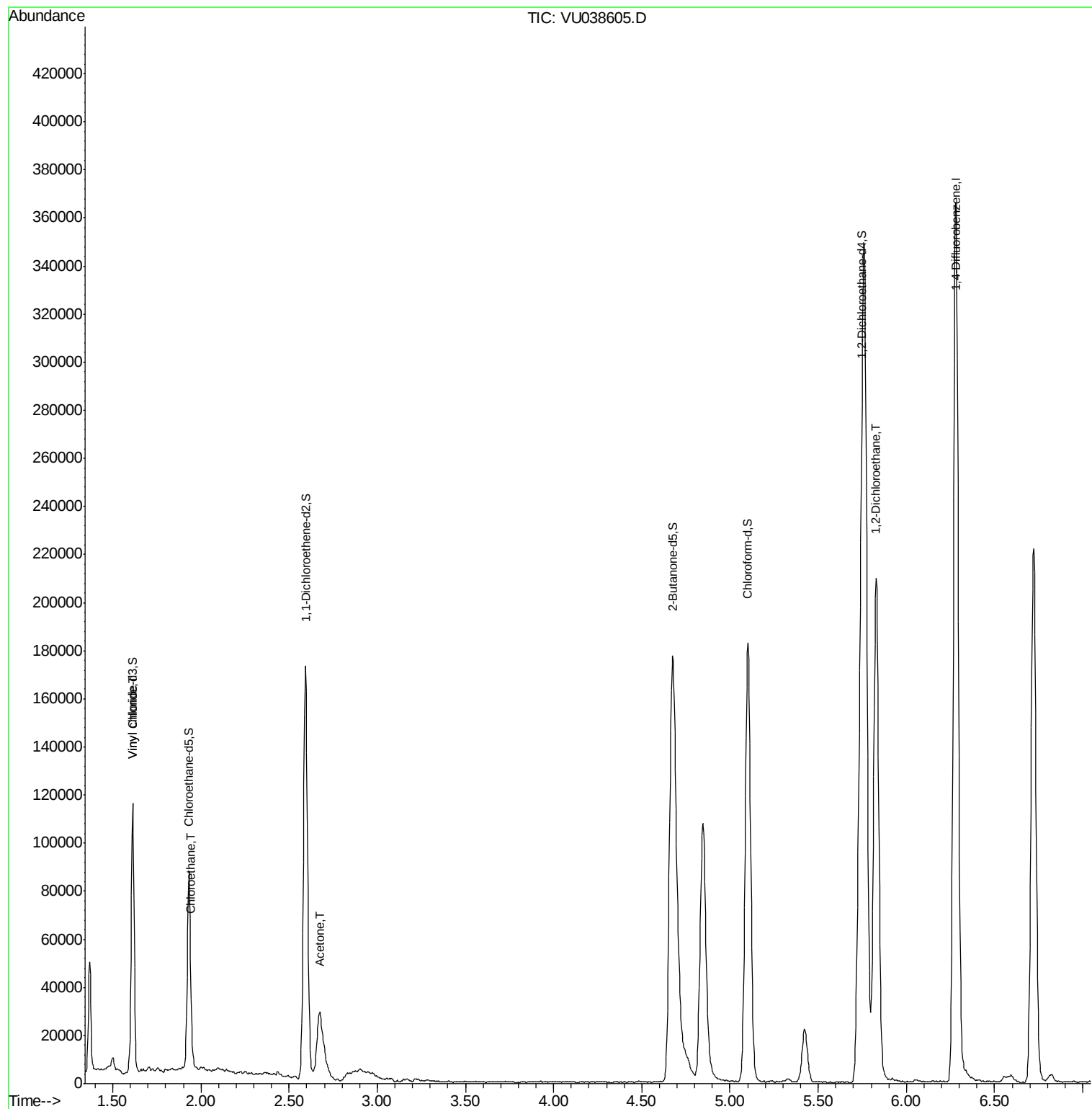
					Ovalue
5) Vinyl chloride	1.62	62	11027	0.475 ug/L	84
8) Chloroethane	1.95	64	1339	0.096 ug/L #	64
13) Acetone	2.67	43	51169	13.276 ug/L	95
27) 1,2-Dichloroethane	5.83	62	176295	6.928 ug/L	98

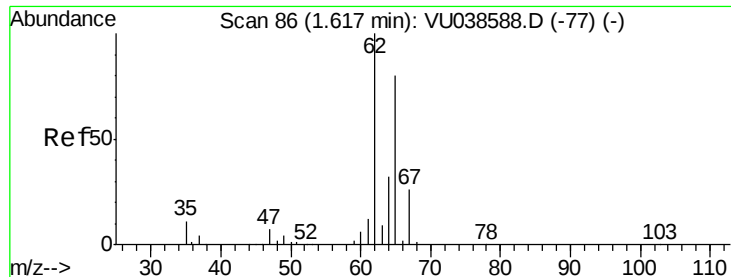
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.475 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038605.D

Acq: 06 Jun 2020 06:23

Instrument :

MSVOA_U

ClientSampled :

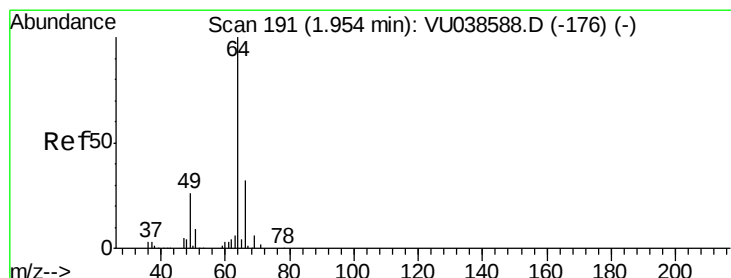
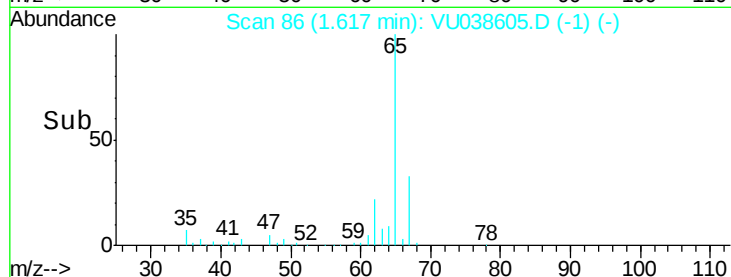
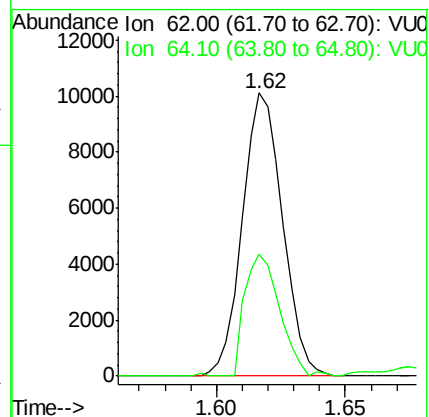
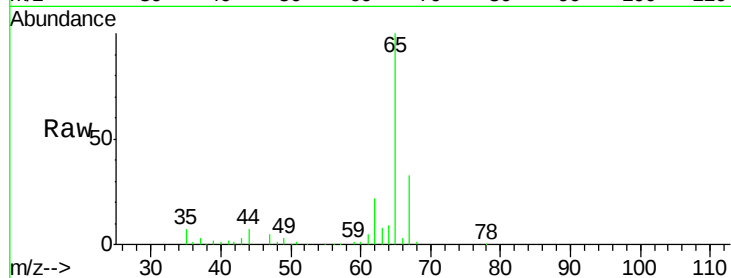
F9D29

Tot Ion: 62 Resp: 11027

Ion Ratio Lower Upper

62 100

64 43.2 23.7 43.9



#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038605.D

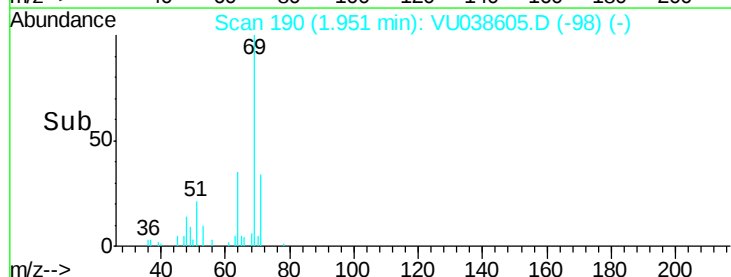
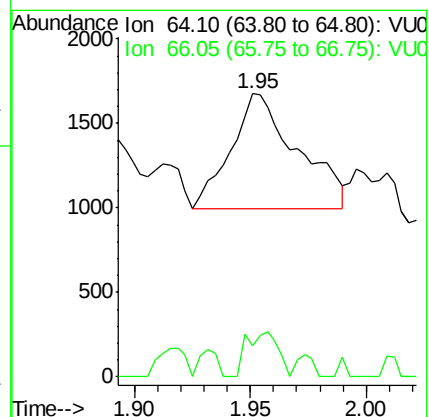
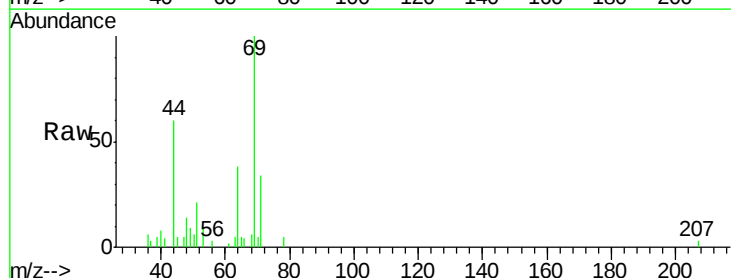
Acq: 06 Jun 2020 06:23

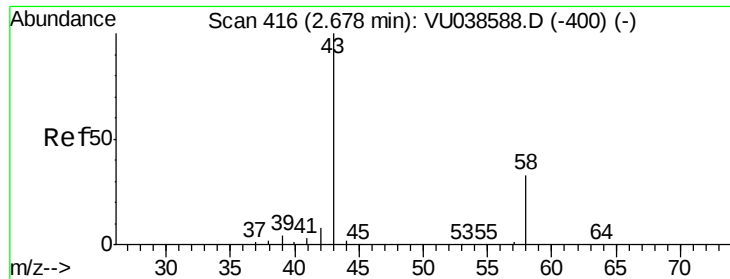
Tgt Ion: 64 Resp: 1339

Ion Ratio Lower Upper

64 100

66 10.9 21.5 39.9#





#13

Acetone

Concen: 13.276 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.00 min

Lab File: VU038605.D

Acq: 06 Jun 2020 06:23

Instrument :

MSVOA_U

ClientSampleId :

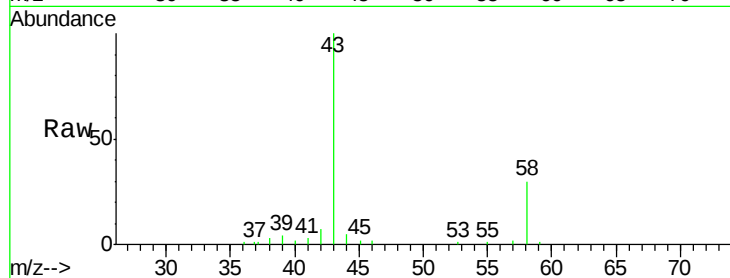
F9D29

Tot Ion: 43 Resp: 51169

Ion Ratio Lower Upper

43 100

58 30.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038588.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU038588.D (-400) (-)

2.67

20000

15000

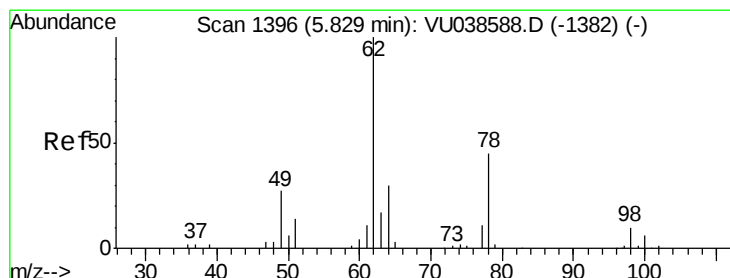
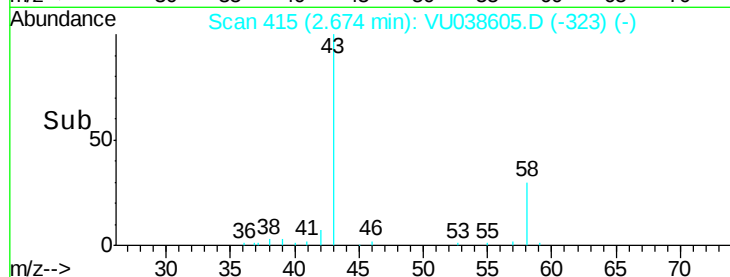
10000

5000

0

2.60 2.70 2.80

Time-->



#27

1,2-Dichloroethane

Concen: 6.928 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038605.D

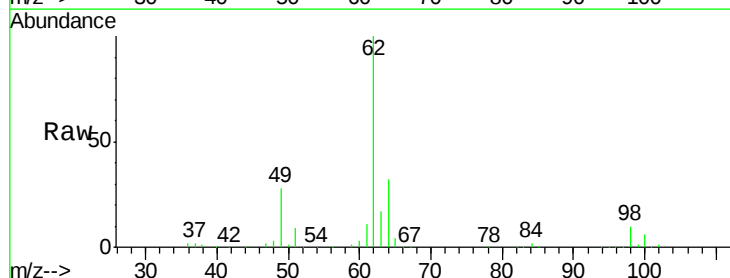
Acq: 06 Jun 2020 06:23

Tgt Ion: 62 Resp: 176295

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038588.D (-1382) (-)

Ion 98.05 (97.75 to 98.75): VU038588.D (-1382) (-)

5.83

100000

80000

60000

40000

20000

0

5.80 5.90

Time-->

