

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038689.D
 Acq On : 09 Jun 2020 00:01
 Operator : SY/MD
 Sample : L2896-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J0

Quant Time: Jun 09 06:14:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 06:12:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	568711	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	555045	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	257116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	179024	56.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.68%
7) Chloroethane-d5	1.93	69	144887	58.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.56%
11) 1,1-Dichloroethene-d2	2.59	63	280154	40.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.92%
21) 2-Butanone-d5	4.66	46	331065	107.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.10%
24) Chloroform-d	5.10	84	346759	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	5.74	65	240417	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
32) Benzene-d6	5.76	84	728052	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.90%
36) 1,2-Dichloropropane-d6	6.72	67	220743	53.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.14%
41) Toluene-d8	7.92	98	629713	52.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.24%
43) trans-1,3-Dichloropropene-	8.20	79	101740	49.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.08%
47) 2-Hexanone-d5	8.65	63	246926	112.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	315836	51.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.78%
64) 1,2-Dichlorobenzene-d4	12.20	152	249368	55.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.72%

Target Compounds

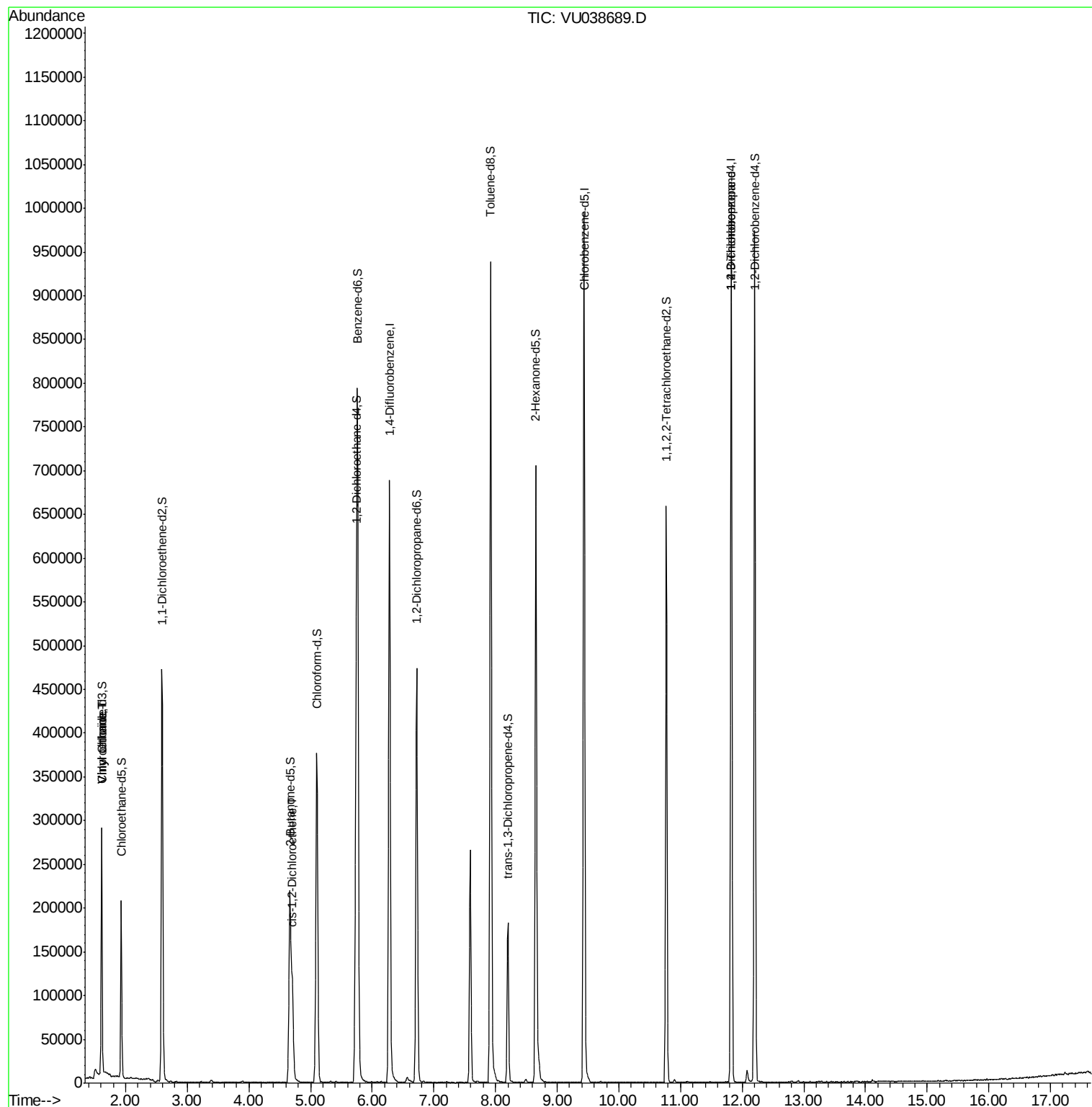
					Ovalue
5) Vinyl chloride	1.62	62	15028	3.303 ug/L #	18
8) Chloroethane	1.61	64	7297	2.741 ug/L	87
20) cis-1,2-Dichloroethene	4.71	96	48670	11.177 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	31282	5.194 ug/L #	88

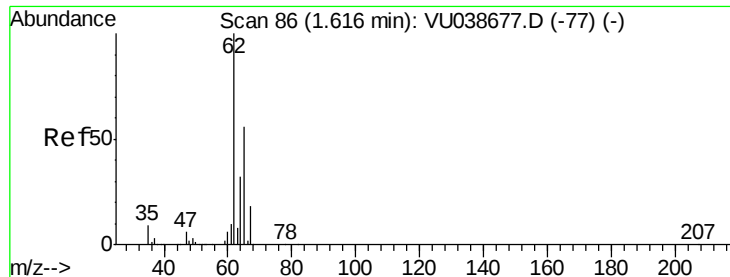
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.303 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038689.D

Acq: 09 Jun 2020 00:01

Instrument :

MSVOA_U

ClientSampleId :

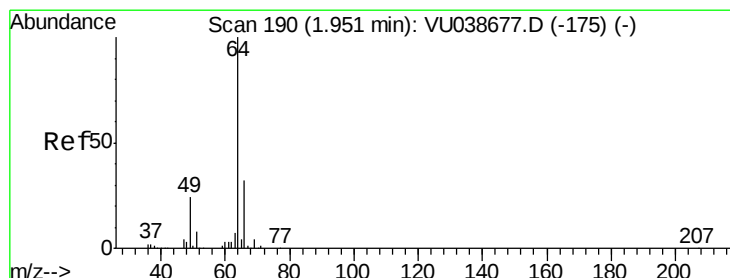
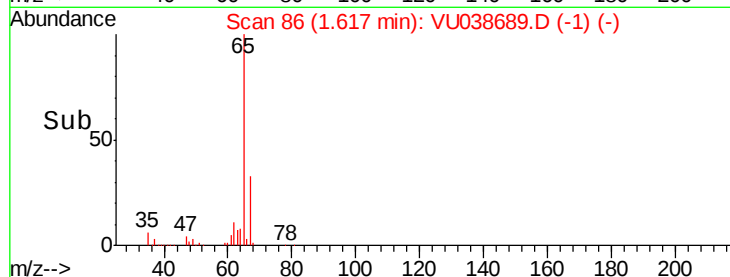
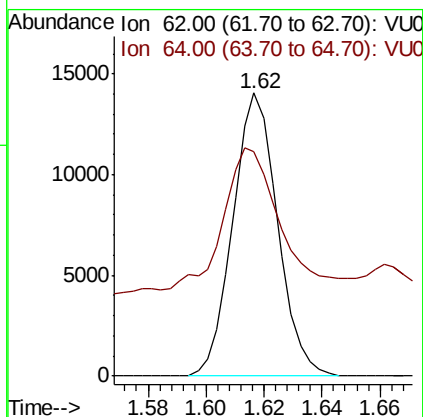
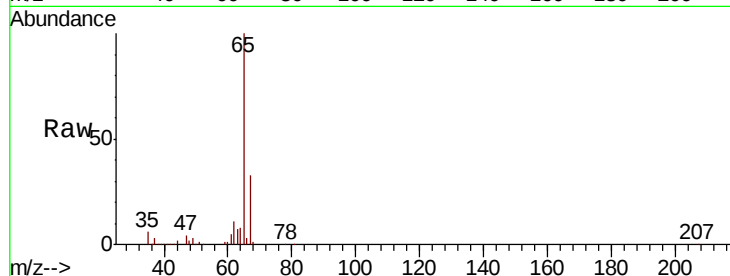
EW0J0

Tot Ion: 62 Resp: 15028

Ion Ratio Lower Upper

62 100

64 79.2 23.0 42.8#



#8

Chloroethane

Concen: 2.741 ug/L

RT: 1.61 min Scan# 85

Delta R.T. -0.34 min

Lab File: VU038689.D

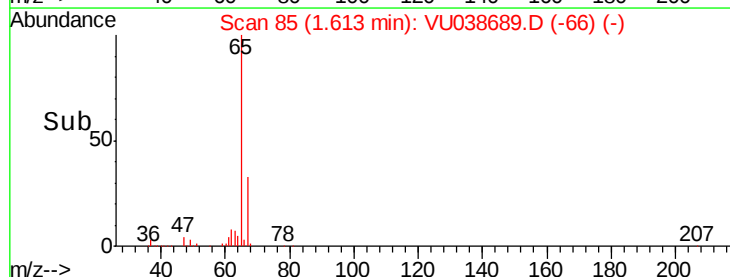
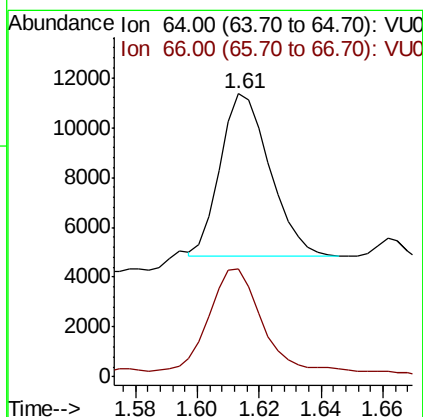
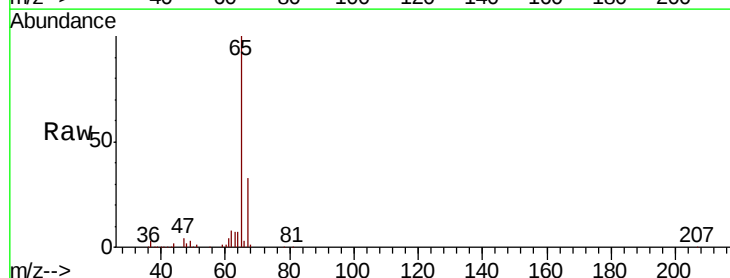
Acq: 09 Jun 2020 00:01

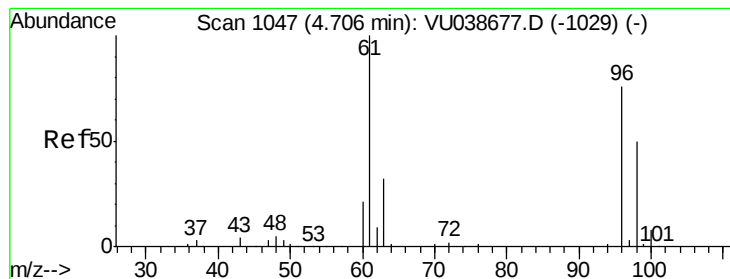
Tgt Ion: 64 Resp: 7297

Ion Ratio Lower Upper

64 100

66 38.1 21.6 40.2





#20

cis-1,2-Dichloroethene

Concen: 11.177 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038689.D

Acq: 09 Jun 2020 00:01

Instrument :

MSVOA_U

ClientSampleId :

EW0J0

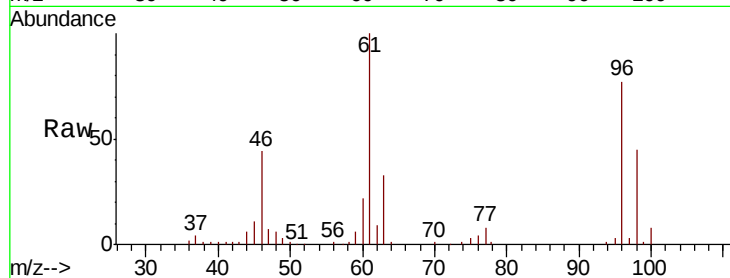
Tot Ion: 96 Resp: 48670

Ion Ratio Lower Upper

96 100

61 130.7 89.5 166.1

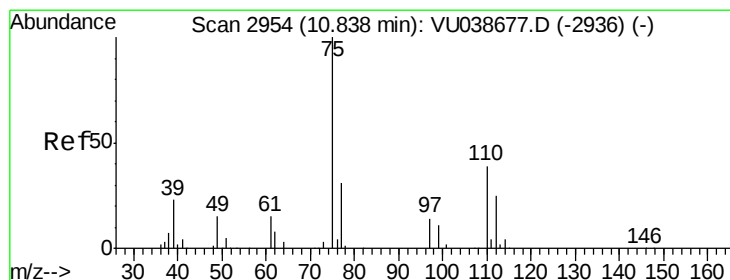
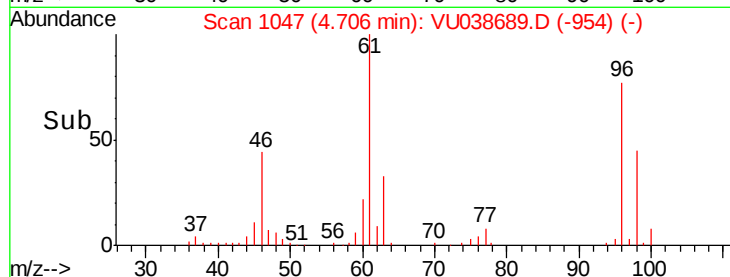
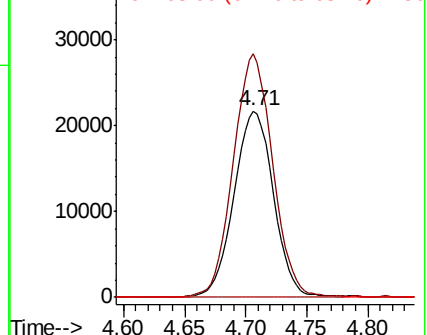
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038677.D (-1029) (-)

Ion 61.00 (60.70 to 61.70): VU038677.D (-1029) (-)

Ion 68.00 (67.70 to 68.70): VU038677.D (-1029) (-)



#59

1,2,3-Trichloropropane

Concen: 5.194 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038689.D

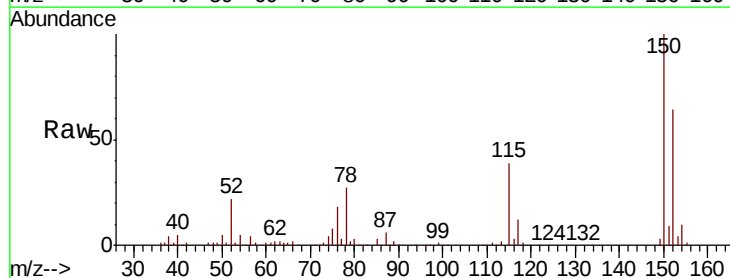
Acq: 09 Jun 2020 00:01

Tgt Ion: 75 Resp: 31282

Ion Ratio Lower Upper

75 100

77 38.2 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU038677.D (-2936) (-)

Ion 77.00 (76.70 to 77.70): VU038677.D (-2936) (-)

