

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038741.D
 Acq On : 09 Jun 2020 22:27
 Operator : SY/MD
 Sample : L2897-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J3

Quant Time: Jun 10 05:12:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	537166	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	532147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	241952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143616	47.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.70%
7) Chloroethane-d5	1.93	69	128515	55.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.59	63	241859	36.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.96%
21) 2-Butanone-d5	4.66	46	325287	111.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.41%
24) Chloroform-d	5.10	84	333730	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	5.74	65	234241	54.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.24%
32) Benzene-d6	5.76	84	673899	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
36) 1,2-Dichloropropane-d6	6.72	67	212319	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.48%
41) Toluene-d8	7.92	98	581012	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%
43) trans-1,3-Dichloropropene-	8.20	79	99288	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.84%
47) 2-Hexanone-d5	8.65	63	238116	113.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	311057	52.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.58%
64) 1,2-Dichlorobenzene-d4	12.20	152	240894	57.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.68%

Target Compounds

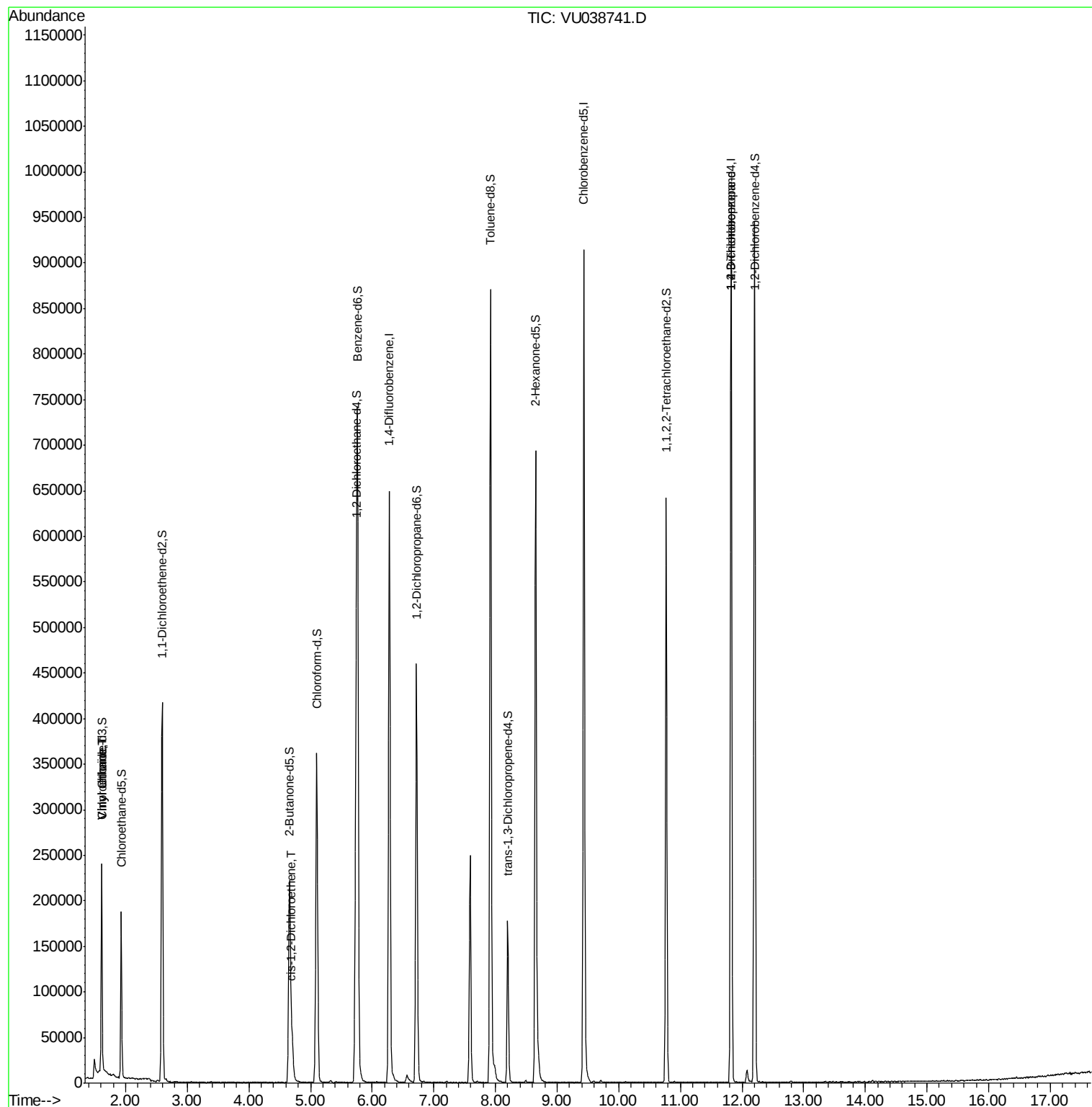
					Ovalue
5) Vinyl chloride	1.62	62	13673	3.182 ug/L	# 1
8) Chloroethane	1.62	64	7220	2.872 ug/L	95
20) cis-1,2-Dichloroethene	4.70	96	16615	4.040 ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	29644	5.134 ug/L	90

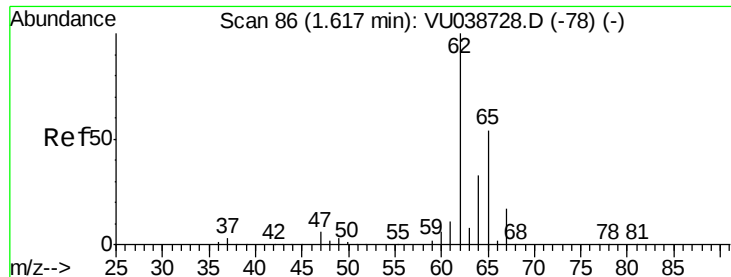
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.182 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038741.D

Acq: 09 Jun 2020 22:27

Instrument :

MSVOA_U

ClientSampled :

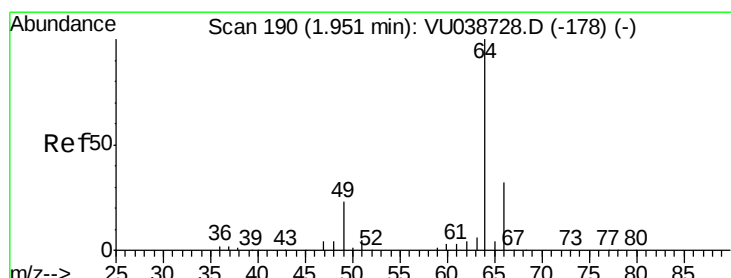
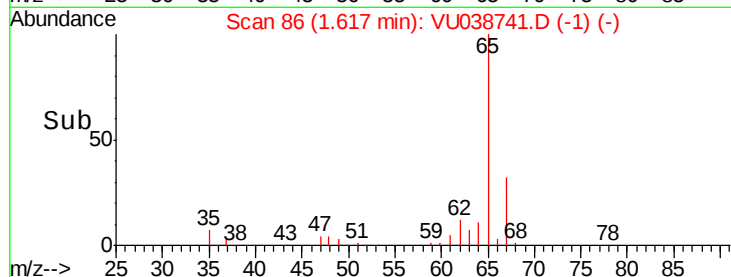
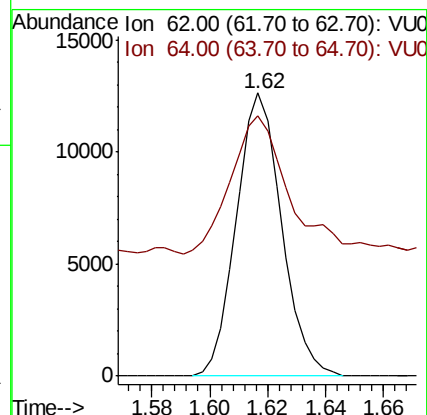
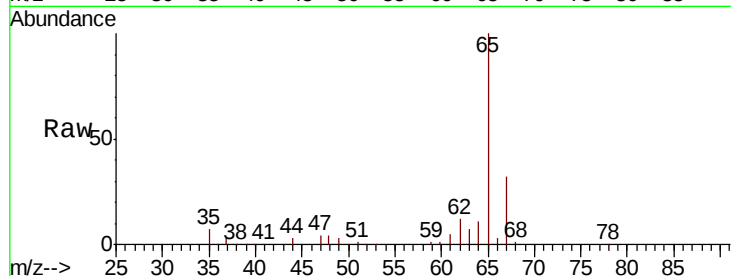
EW0J3

Tot Ion: 62 Resp: 13673

Ion Ratio Lower Upper

62 100

64 91.9 23.0 42.8#



#8

Chloroethane

Concen: 2.872 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.33 min

Lab File: VU038741.D

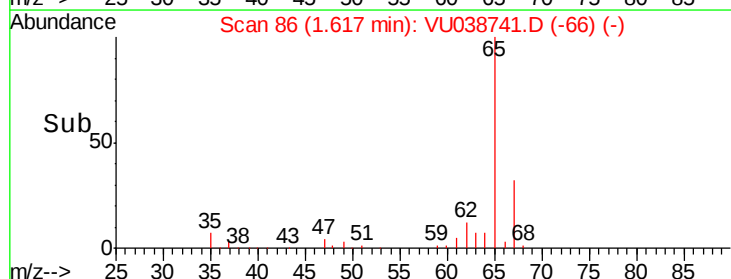
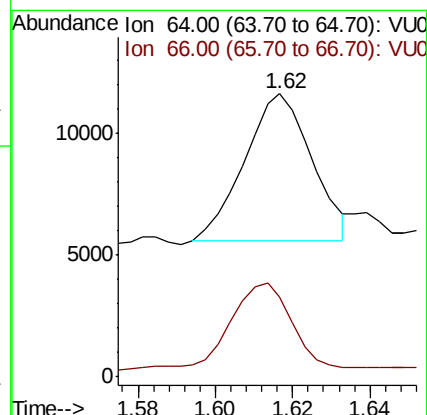
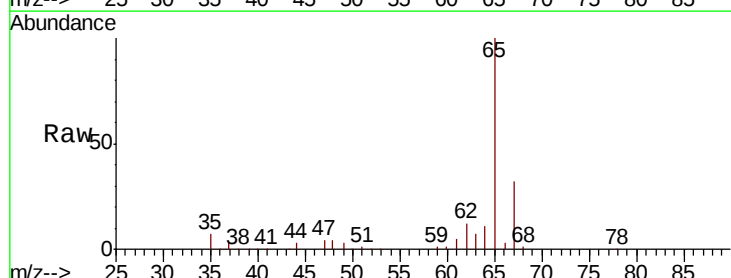
Acq: 09 Jun 2020 22:27

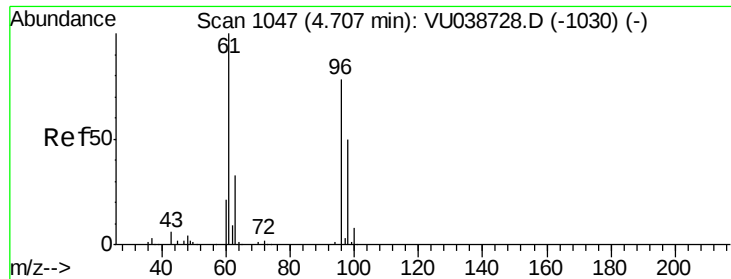
Tgt Ion: 64 Resp: 7220

Ion Ratio Lower Upper

64 100

66 28.2 21.6 40.2

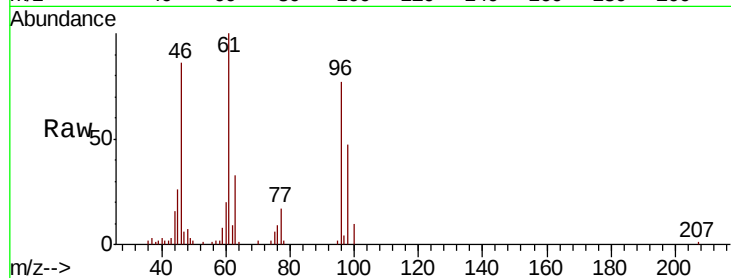




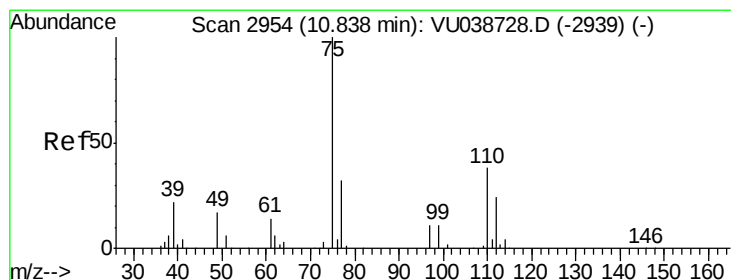
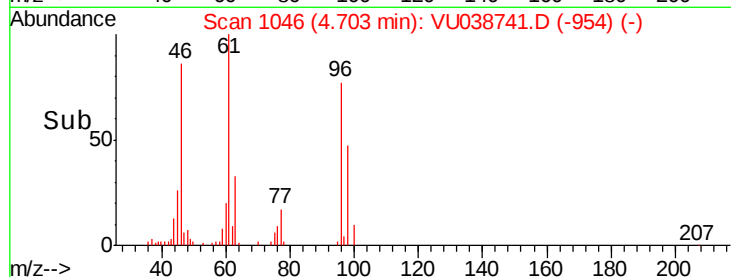
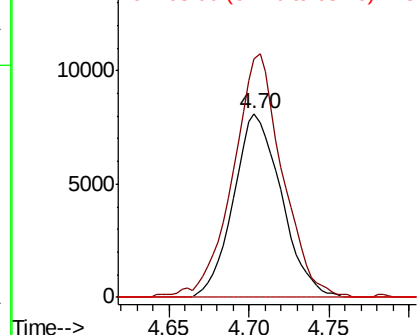
#20
 cis-1,2-Dichloroethene
 Concen: 4.040 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038741.D
 Acq: 09 Jun 2020 22:27

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J3

Tot Ion: 96 Resp: 16615
 Ion Ratio Lower Upper
 96 100
 61 129.5 89.5 166.1
 68 0.0 0.0 0.0

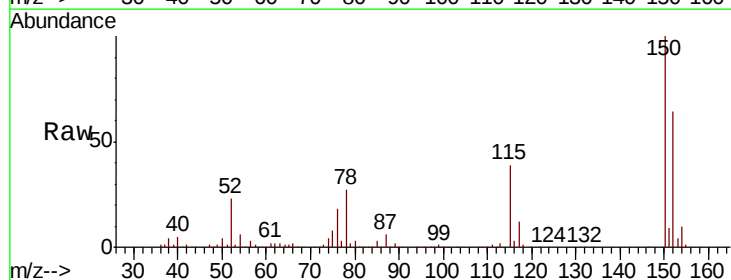


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0



#59
 1,2,3-Trichloropropane
 Concen: 5.134 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038741.D
 Acq: 09 Jun 2020 22:27

Tgt Ion: 75 Resp: 29644
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

