

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038723.D
 Acq On : 09 Jun 2020 14:43
 Operator : SY/MD
 Sample : L2896-11RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J0

Quant Time: Jun 10 00:36:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	594761	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	578831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	270914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	180896	54.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.88%
7) Chloroethane-d5	1.93	69	152846	59.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.58%
11) 1,1-Dichloroethene-d2	2.59	63	292770	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.86%
21) 2-Butanone-d5	4.66	46	360678	111.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.57%
24) Chloroform-d	5.10	84	380884	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
26) 1,2-Dichloroethane-d4	5.74	65	260130	54.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.56%
32) Benzene-d6	5.76	84	792776	56.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.72%
36) 1,2-Dichloropropane-d6	6.72	67	240813	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.08%
41) Toluene-d8	7.92	98	682840	54.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.38%
43) trans-1,3-Dichloropropene-	8.20	79	114777	53.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.10%
47) 2-Hexanone-d5	8.65	63	263518	115.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.21%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	344878	53.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	271354	57.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.38%

Target Compounds

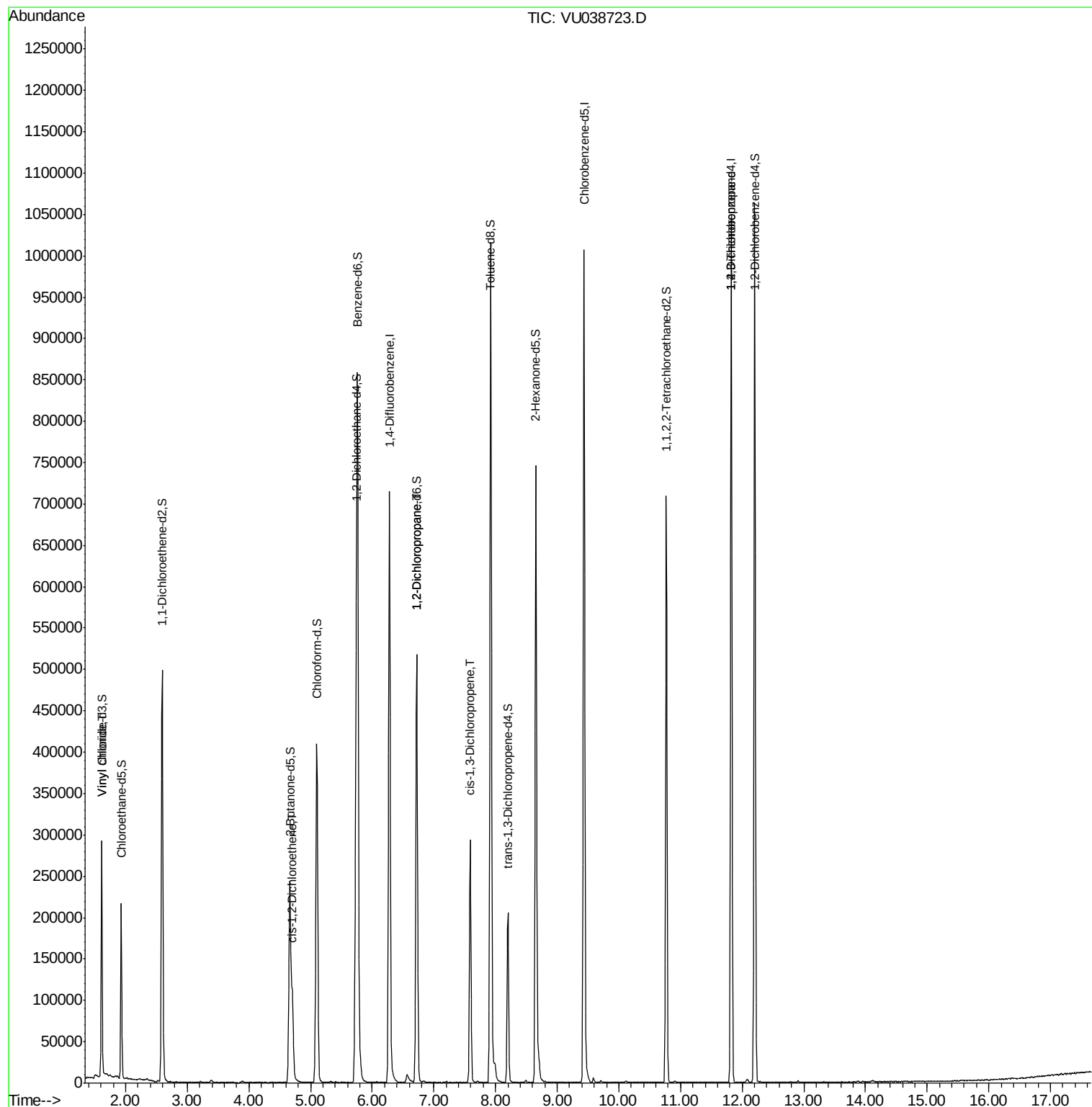
					Ovalue
5) Vinyl chloride	1.62	62	13577	2.853 ug/L #	25
20) cis-1,2-Dichloroethene	4.71	96	45098	9.903 ug/L	98
37) 1,2-Dichloropropane	6.72	63	26841	5.992 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	7310	1.058 ug/L #	69
59) 1,2,3-Trichloropropane	11.82	75	34255	5.454 ug/L	90

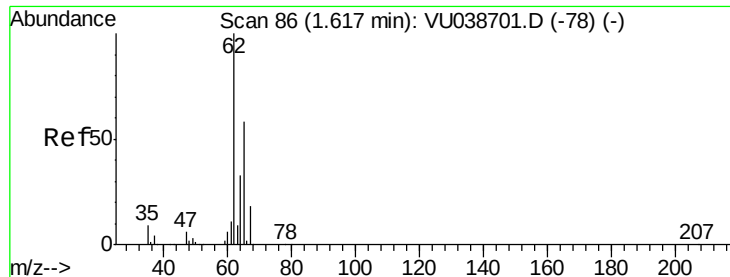
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.853 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

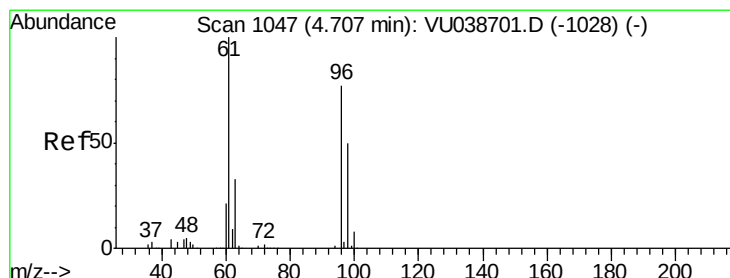
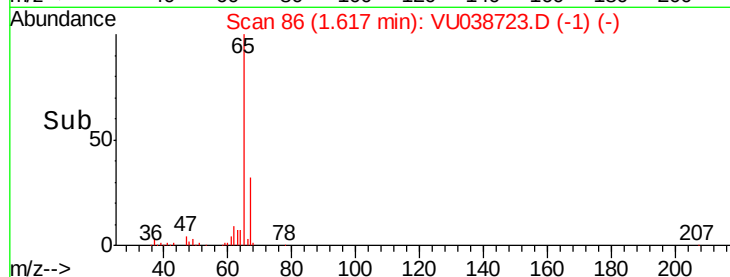
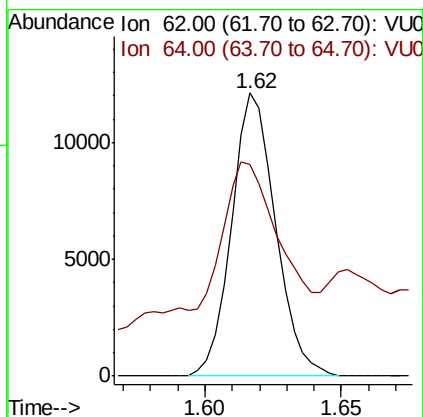
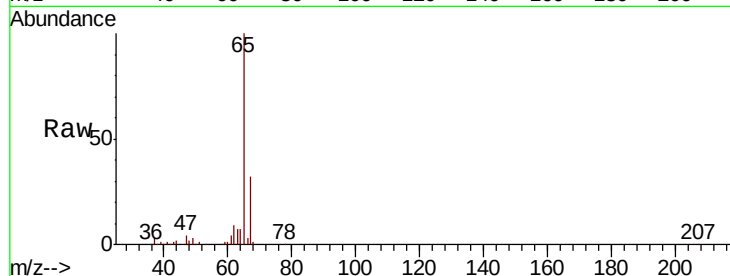
EW0J0

Tot Ion: 62 Resp: 13577

Ion Ratio Lower Upper

62 100

64 75.0 23.0 42.8#



#20

cis-1,2-Dichloroethene

Concen: 9.903 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038723.D

Acq: 09 Jun 2020 14:43

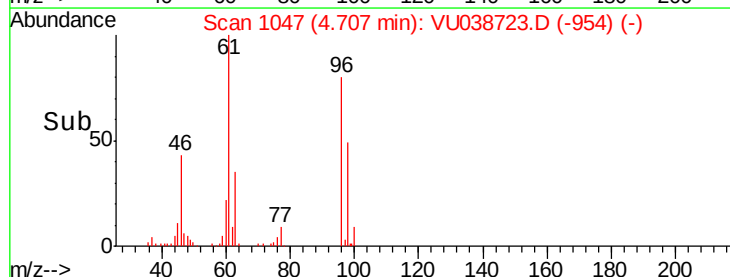
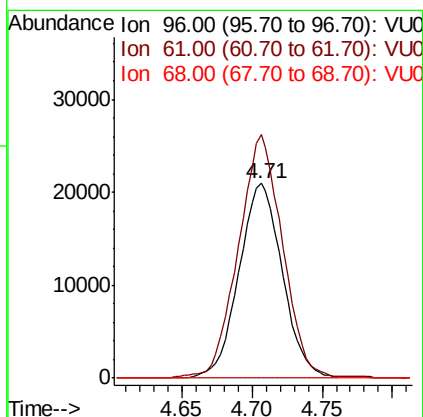
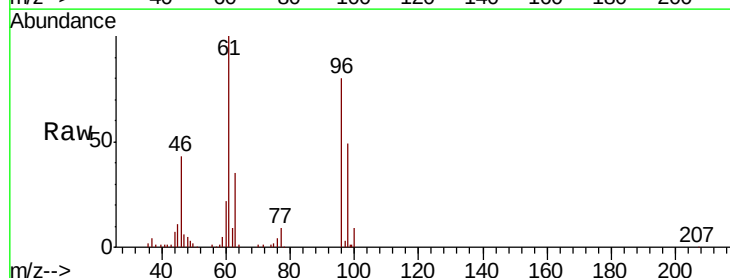
Tgt Ion: 96 Resp: 45098

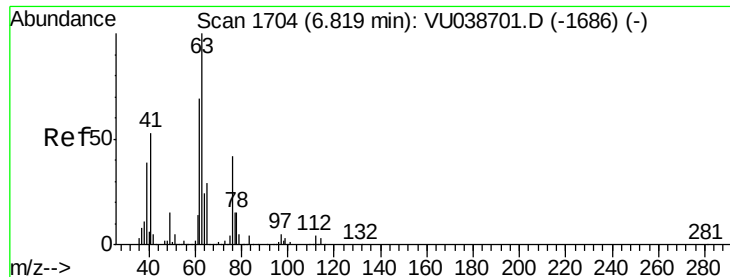
Ion Ratio Lower Upper

96 100

61 125.1 89.5 166.1

68 0.0 0.0 0.0

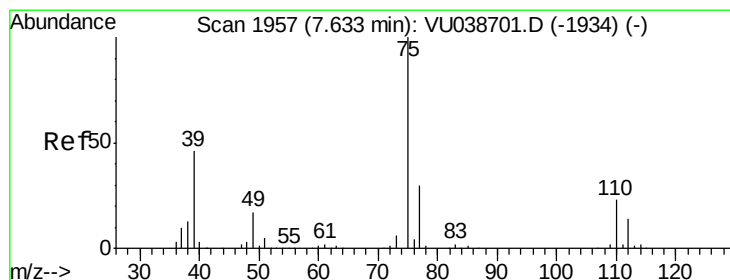
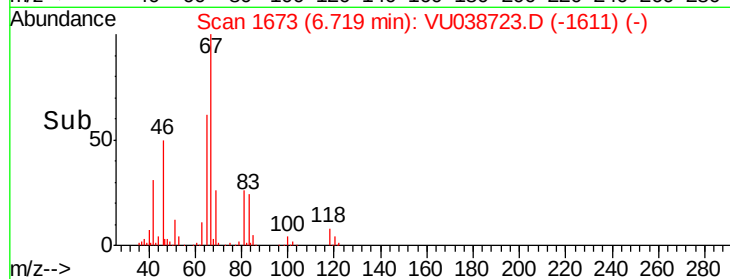
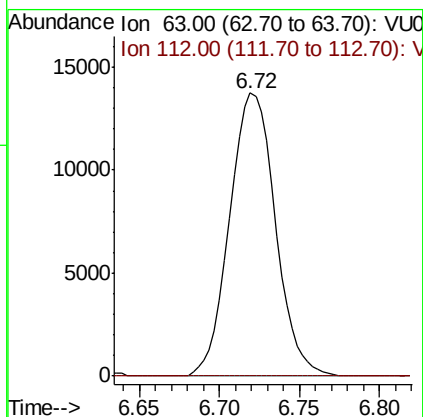
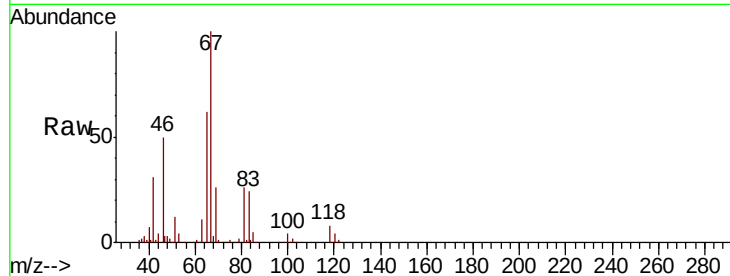




#37
 1,2-Dichloropropane
 Concen: 5.992 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038723.D
 Acq: 09 Jun 2020 14:43

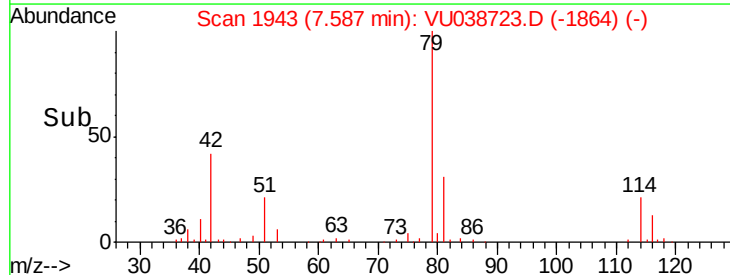
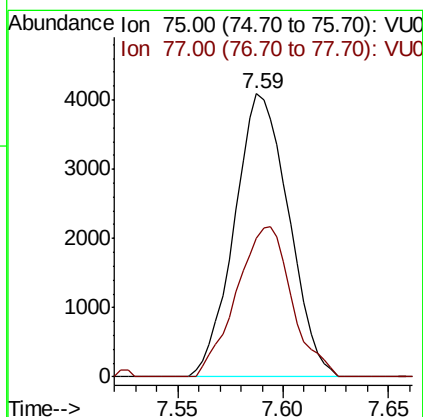
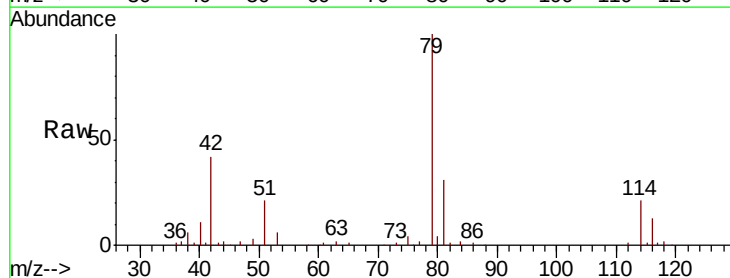
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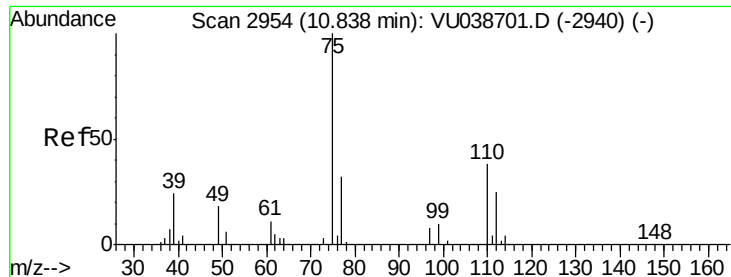
Tot Ion: 63 Resp: 26841
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.058 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038723.D
 Acq: 09 Jun 2020 14:43

Tgt Ion: 75 Resp: 7310
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.454 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038723.D

Acq: 09 Jun 2020 14:43

Instrument :

MSVOA_U

ClientSampleId :

EW0J0

Tot Ion: 75 Resp: 34255

Ion Ratio Lower Upper

75 100

77 37.0 25.3 37.9

