

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038790.D
 Acq On : 10 Jun 2020 21:08
 Operator : SY/MD
 Sample : L2915-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E78

Quant Time: Jun 11 03:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 03:42:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	568500	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	544650	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	253163	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	182229	57.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.74%
7) Chloroethane-d5	1.93	69	146122	59.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.59	63	284610	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.22%
21) 2-Butanone-d5	4.66	46	351791	113.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.85%
24) Chloroform-d	5.10	84	361931	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
26) 1,2-Dichloroethane-d4	5.74	65	252942	55.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.46%
32) Benzene-d6	5.76	84	732073	55.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.72	67	226408	56.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.00%
41) Toluene-d8	7.92	98	635948	53.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.28%
43) trans-1,3-Dichloropropene-	8.20	79	106342	52.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.48%
47) 2-Hexanone-d5	8.65	63	244777	113.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	312937	51.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.78%
64) 1,2-Dichlorobenzene-d4	12.20	152	250380	56.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.92%

Target Compounds

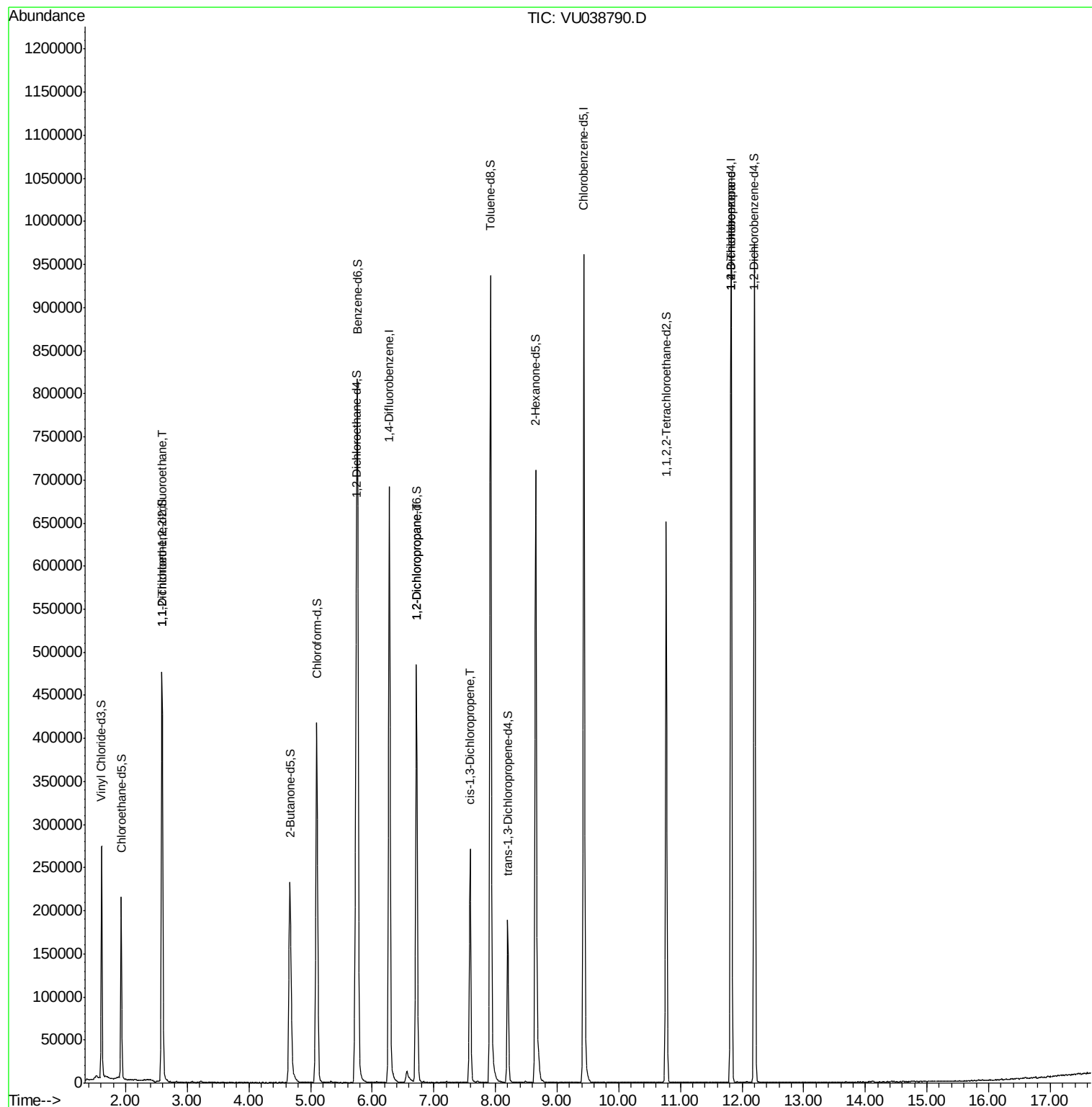
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2724	0.746 ug/L #	21
37) 1,2-Dichloropropane	6.72	63	25802	6.122 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6836	1.052 ug/L #	73
59) 1,2,3-Trichloropropane	11.82	75	32289	5.464 ug/L	90

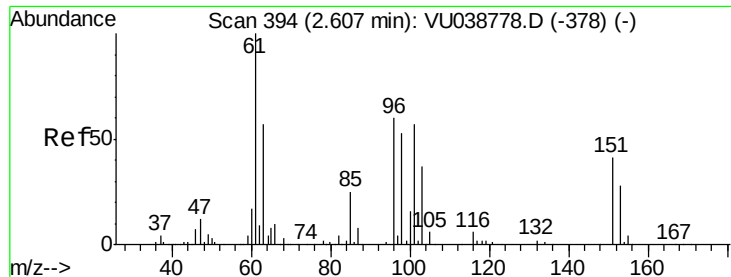
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU038790.D

Acq: 10 Jun 2020 21:08

Instrument :

MSVOA_U

ClientSampled :

F9E78

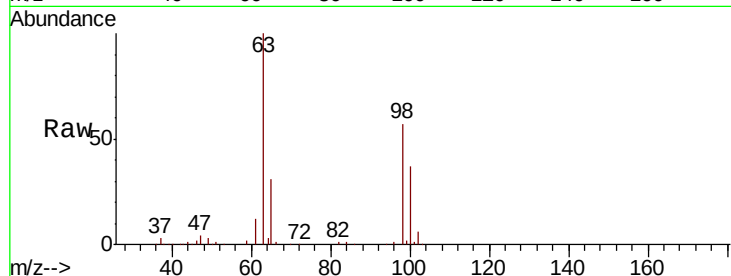
Tot Ion:101 Resp: 2724

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

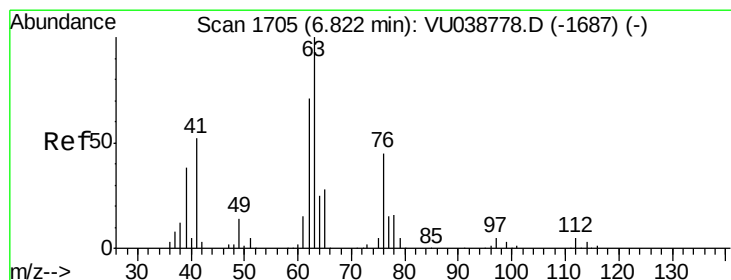
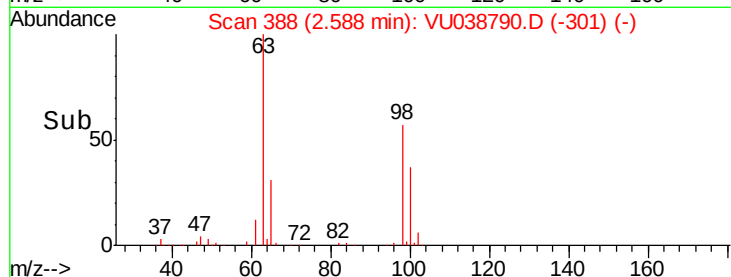
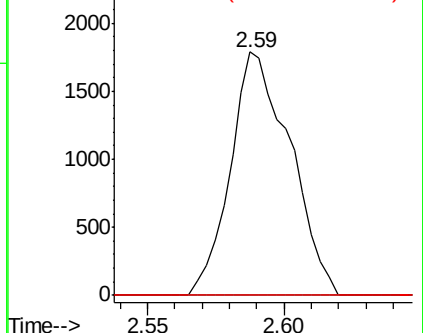
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#37

1,2-Dichloropropane

Concen: 6.122 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038790.D

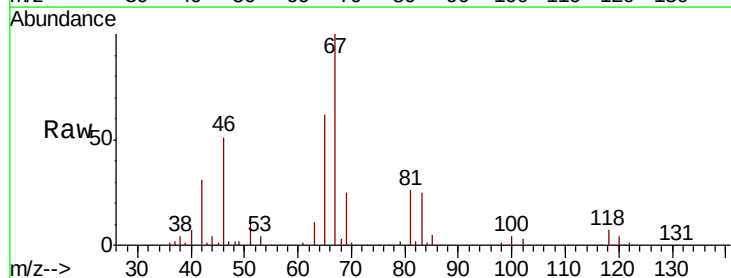
Acq: 10 Jun 2020 21:08

Tgt Ion: 63 Resp: 25802

Ion Ratio Lower Upper

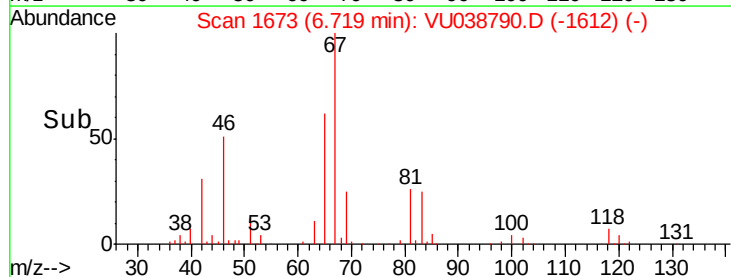
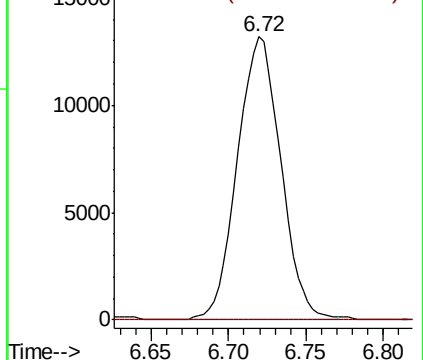
63 100

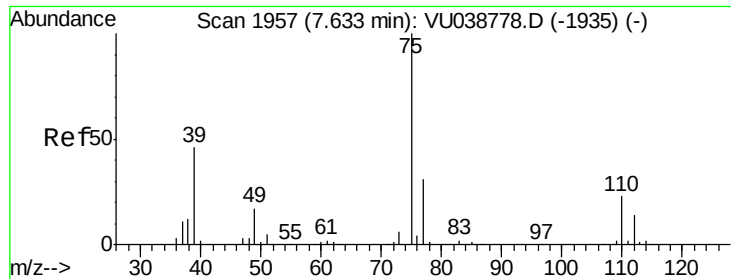
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

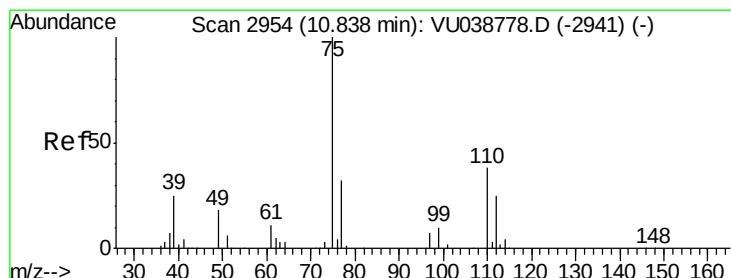
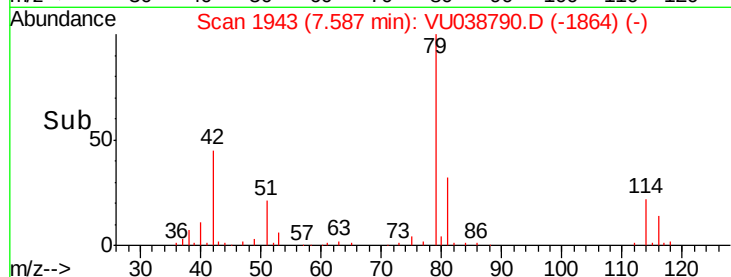
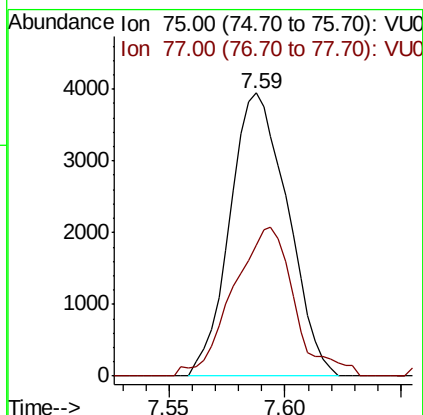
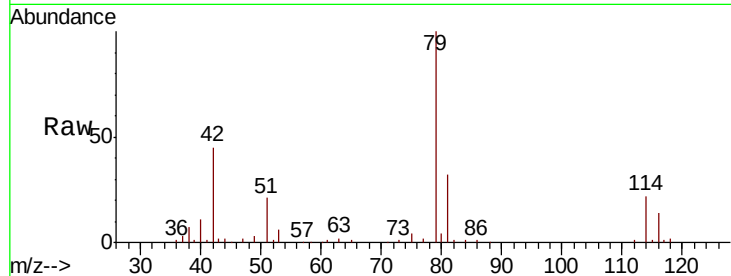




#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038790.D
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Instrument :
 MSVOA_U
 ClientSampled :
 F9E78

Tot Ion: 75 Resp: 6836
 Ion Ratio Lower Upper
 75 100
 77 46.5 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.464 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038790.D
 Acq: 10 Jun 2020 21:08

Tgt Ion: 75 Resp: 32289
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.3 37.9

