

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052820\
 Data File : VU038362.D
 Acq On : 28 May 2020 21:25
 Operator : JC/MD
 Sample : L2793-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	611767	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	594785	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	276525	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167071	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	138240	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.59	63	257791	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	4.66	46	374784	102.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.71%
24) Chloroform-d	5.10	84	355952	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	242432	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.76	84	724660	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.72	67	228695	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.48%
41) Toluene-d8	7.92	98	622304	45.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.10%
43) trans-1,3-Dichloropropene-	8.20	79	105617	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.65	63	274111	108.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	328410	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	247271	48.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.48%

Target Compounds

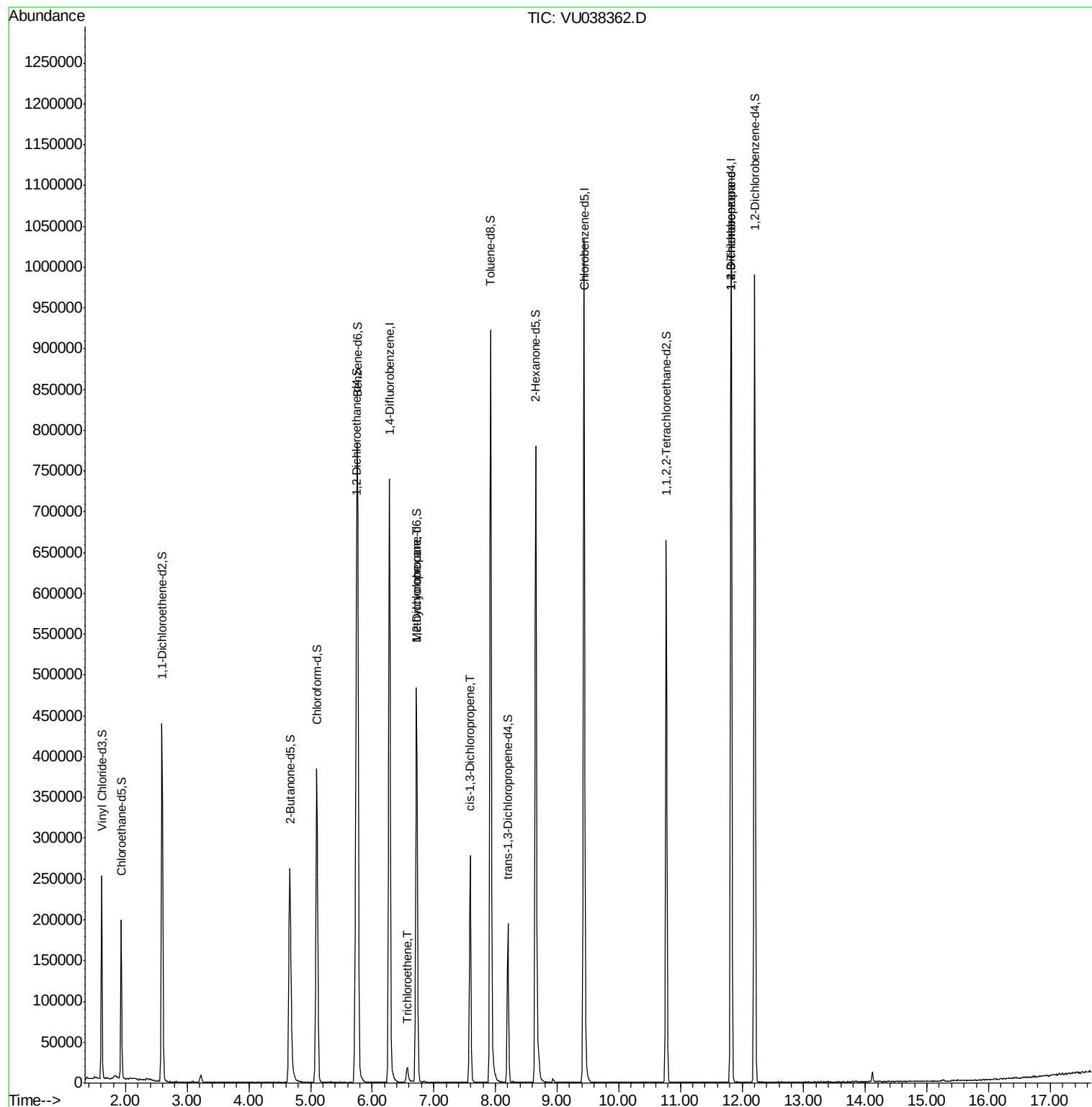
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	6.57	95	4237	0.991	ug/L	94
35) Methylcyclohexane	6.72	83	53724	8.006	ug/L #	19
39) cis-1,3-Dichloropropene	7.59	75	6959	1.009	ug/L #	75
59) 1,2,3-Trichloropropane	11.82	75	35614	5.879	ug/L #	88

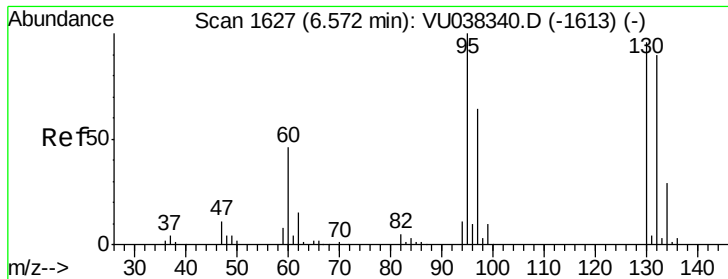
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.991 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038362.D

Acq: 28 May 2020 21:25

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 4237

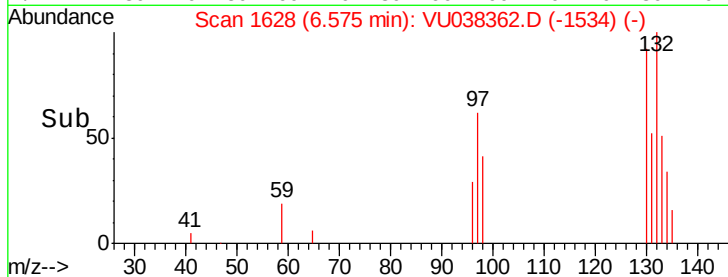
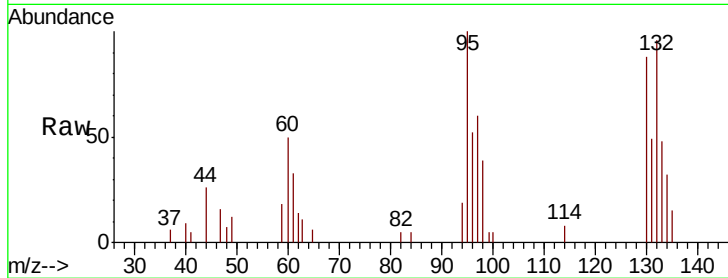
Ion Ratio Lower Upper

95 100

97 59.5 44.3 82.3

132 95.5 64.7 120.1

130 87.9 68.5 127.1

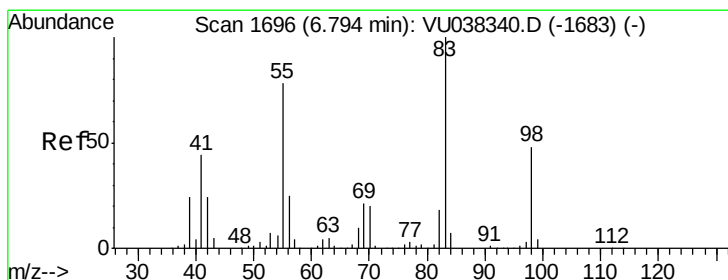
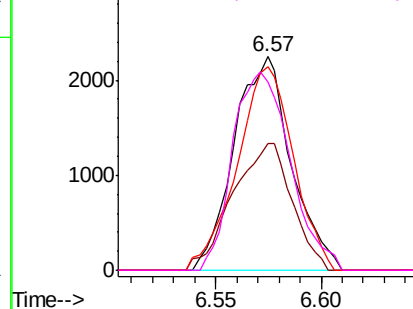


Abundance Ion 95.00 (94.70 to 95.70): VU038340.D (-1613) (-)

Ion 97.00 (96.70 to 97.70): VU038362.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU038362.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU038340.D (-1613) (-)



#35

Methylcyclohexane

Concen: 8.006 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038362.D

Acq: 28 May 2020 21:25

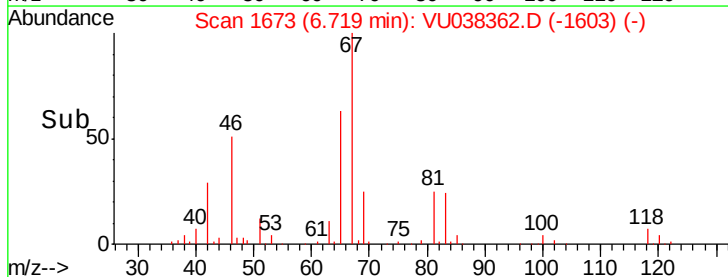
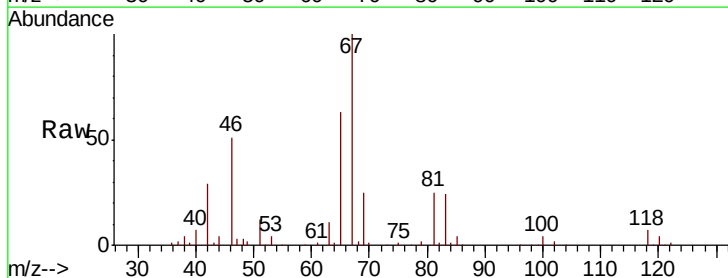
Tgt Ion: 83 Resp: 53724

Ion Ratio Lower Upper

83 100

55 0.5 63.0 94.4#

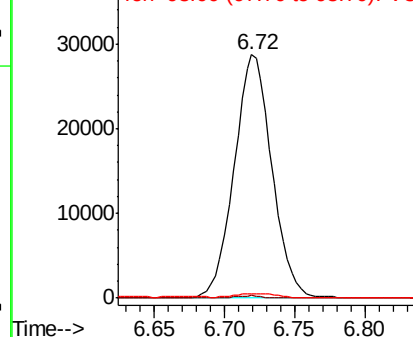
98 2.1 38.6 57.8#

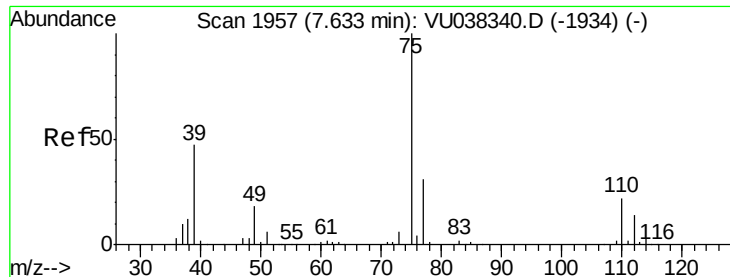


Abundance Ion 83.00 (82.70 to 83.70): VU038340.D (-1683) (-)

Ion 55.00 (54.70 to 55.70): VU038362.D (-1603) (-)

Ion 98.00 (97.70 to 98.70): VU038340.D (-1683) (-)



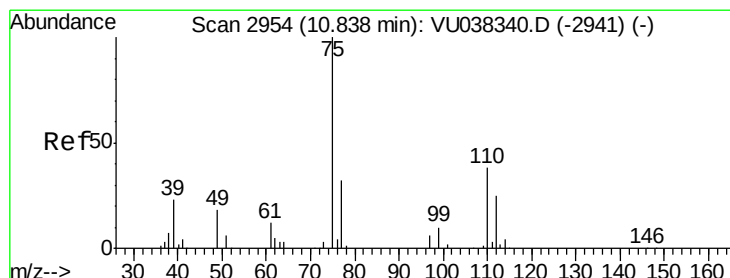
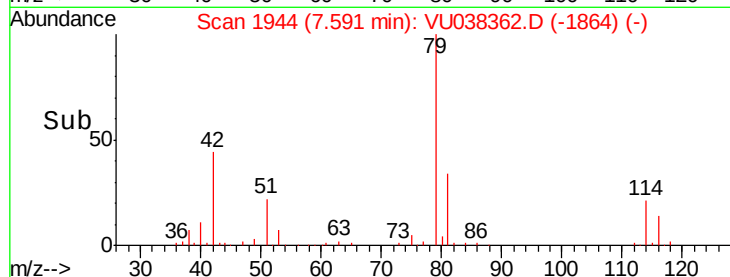
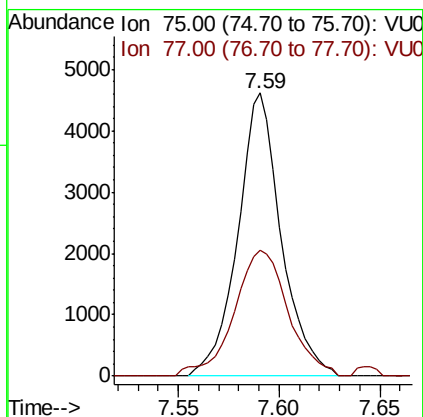
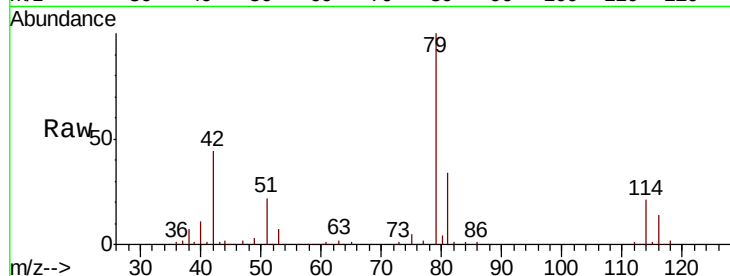


#39

cis-1,3-Dichloropropene
 Concen: 1.009 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038362.D
 Acq: 28 May 2020 21:25

Instrument :
 MSVOA_U
 ClientSampleID :

Tot Ion: 75 Resp: 6959
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.6 40.0#



#59

1,2,3-Trichloropropane
 Concen: 5.879 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038362.D
 Acq: 28 May 2020 21:25

Tgt Ion: 75 Resp: 35614
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.8#

