

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052820\
 Data File : VU038353.D
 Acq On : 28 May 2020 18:05
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 29 04:34:13 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	576373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	559966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	255552	50.00	ug/L	0.00

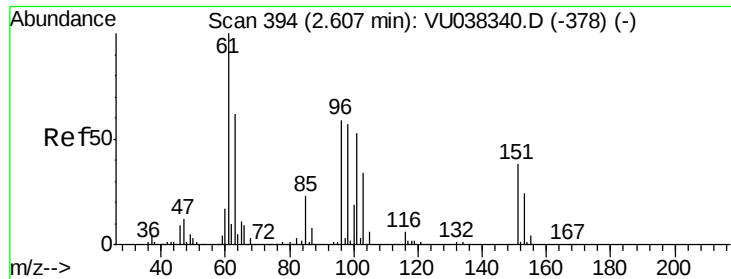
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	210547	58.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.38%
7) Chloroethane-d5	1.93	69	169878	60.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.54%
11) 1,1-Dichloroethene-d2	2.59	63	304695	41.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.40%
21) 2-Butanone-d5	4.66	46	409837	119.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.22%
24) Chloroform-d	5.10	84	399608	56.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.48%
26) 1,2-Dichloroethane-d4	5.74	65	272604	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.96%
32) Benzene-d6	5.76	84	826935	56.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.66%
36) 1,2-Dichloropropane-d6	6.72	67	253688	56.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.50%
41) Toluene-d8	7.92	98	700176	54.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.88%
43) trans-1,3-Dichloropropene-	8.20	79	121424	54.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.16%
47) 2-Hexanone-d5	8.65	63	302168	127.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.25%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	360638	54.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.06%
64) 1,2-Dichlorobenzene-d4	12.20	152	270502	57.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.22%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2617	0.739 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	28770	7.054 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	6955	1.072 ug/L #	49
48) 2-Hexanone	8.71	43	15838	2.892 ug/L #	96
59) 1,2,3-Trichloropropane	11.82	75	32496	5.697 ug/L	92

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



#10

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

Concen: 0.739 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

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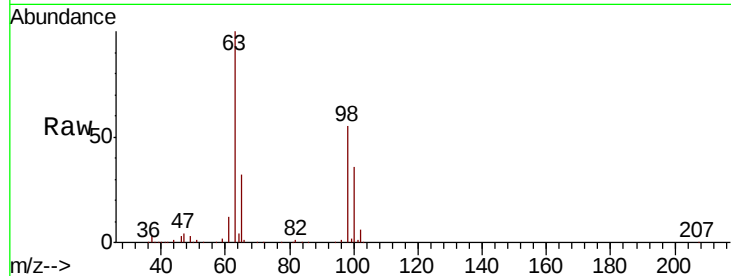
Tot Ion:101 Resp: 2617

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

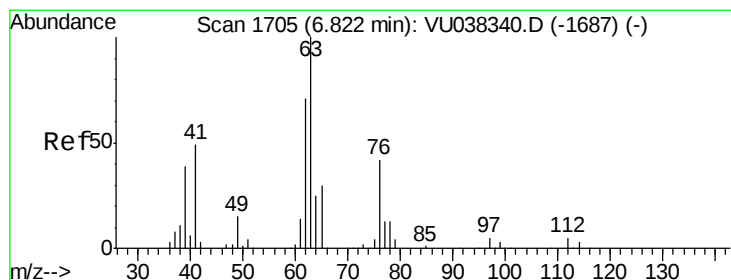
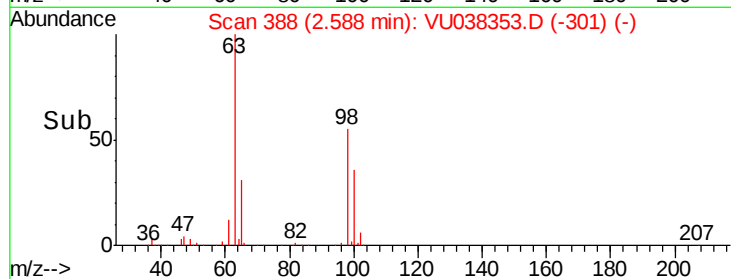
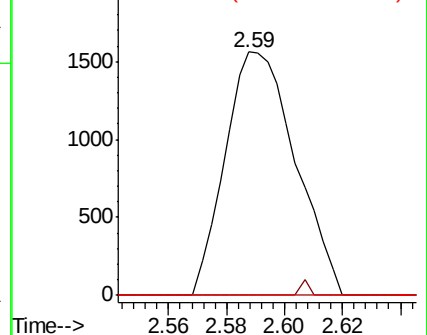
151 0.0 58.4 87.6#



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: 7.054 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038353.D

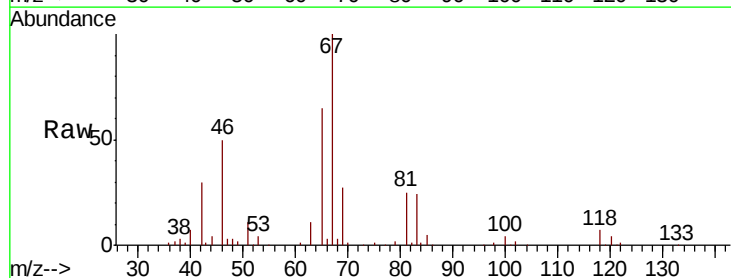
Acq: 28 May 2020 18:05

Tgt Ion: 63 Resp: 28770

Ion Ratio Lower Upper

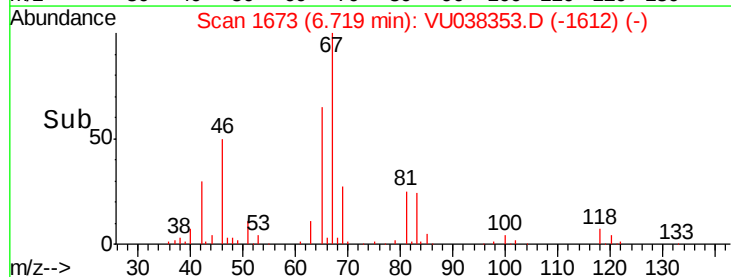
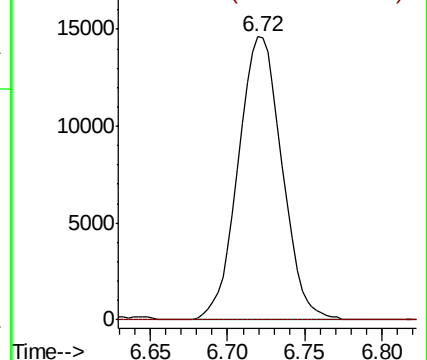
63 100

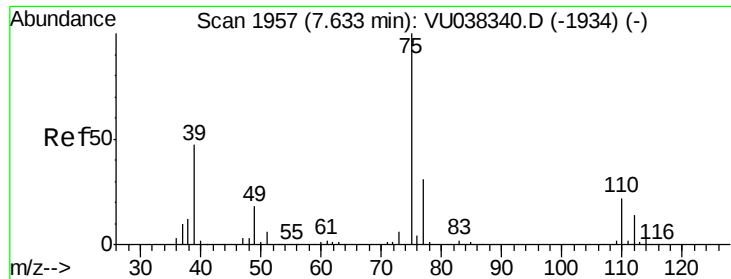
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

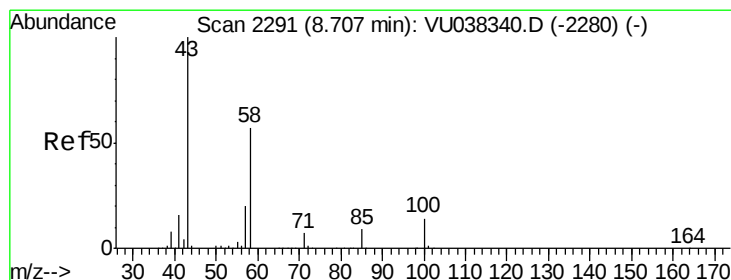
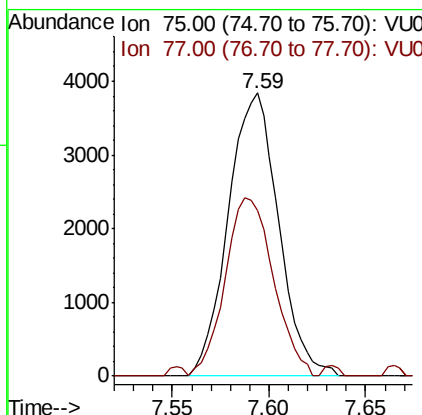
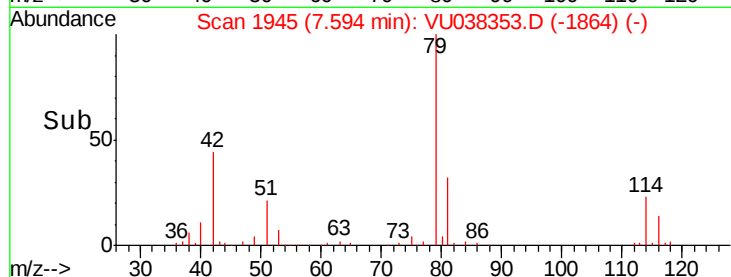
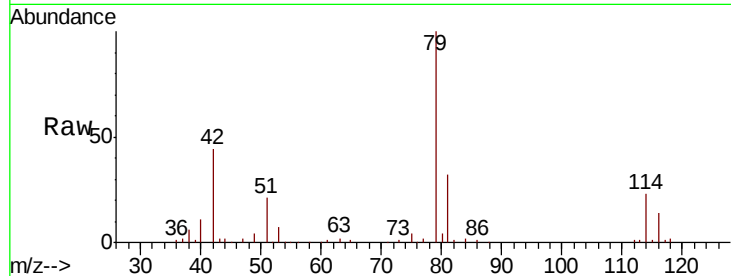




#39
 cis-1,3-Dichloropropene
 Concen: 1.072 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038353.D
 Acq: 28 May 2020 18:05

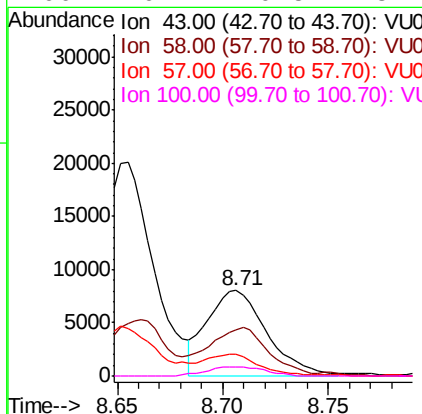
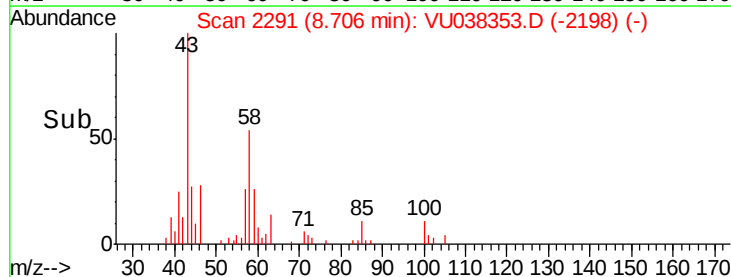
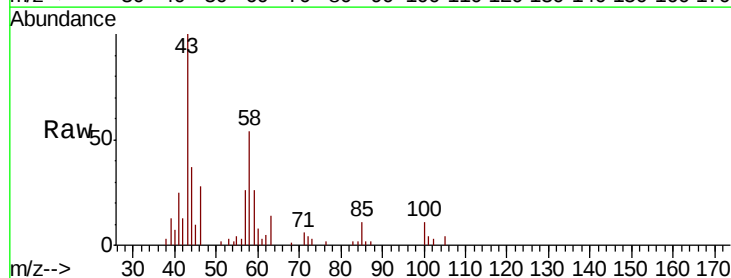
Instrument :
 MSVOA_U
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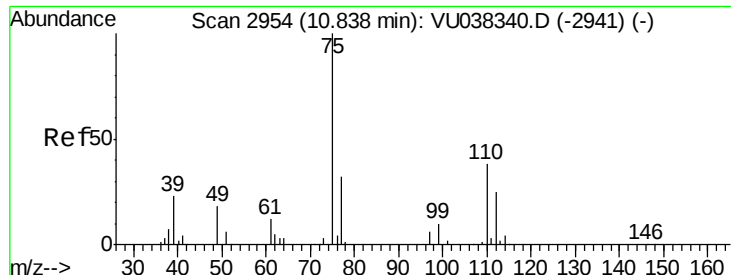
Tot Ion: 75 Resp: 6955
 Ion Ratio Lower Upper
 75 100
 77 58.7 21.6 40.0#



#48
 2-Hexanone
 Concen: 2.892 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038353.D
 Acq: 28 May 2020 18:05

Tgt Ion: 43 Resp: 15838
 Ion Ratio Lower Upper
 43 100
 58 55.1 45.5 68.3
 57 22.6 16.3 24.5
 100 10.4 10.5 15.7#





#59

1,2,3-Trichloropropane

Concen: 5.697 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038353.D

Acq: 28 May 2020 18:05

Instrument :

MSVOA_U

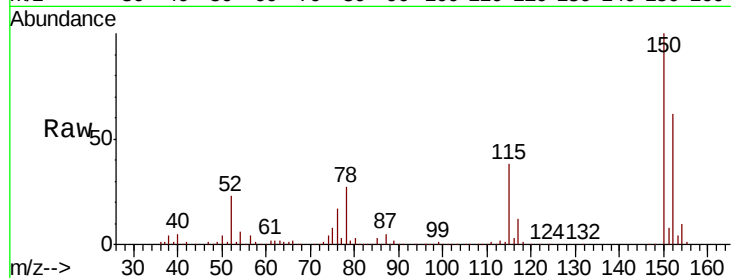
ClientSampleId :

Tot Ion: 75 Resp: 32496

Ion Ratio Lower Upper

75 100

77 36.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

