

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038716.D
 Acq On : 09 Jun 2020 12:09
 Operator : SY/MD
 Sample : L2913-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E58

Quant Time: Jun 10 00:36:00 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	636182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	612487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	291015	50.00	ug/L	0.00

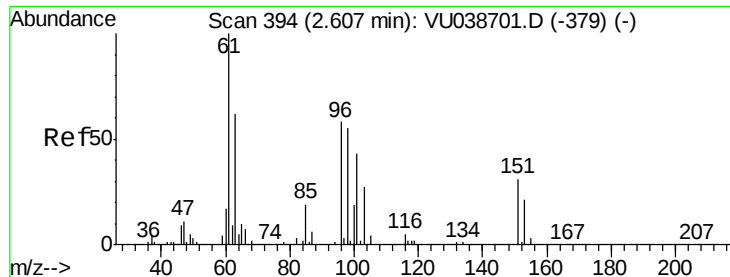
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	199842	56.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.44%
7) Chloroethane-d5	1.93	69	165094	59.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.74%
11) 1,1-Dichloroethene-d2	2.59	63	314038	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.08%
21) 2-Butanone-d5	4.66	46	372565	107.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.10	84	396806	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	5.74	65	267544	52.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.34%
32) Benzene-d6	5.76	84	836941	56.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.46%
36) 1,2-Dichloropropane-d6	6.72	67	256214	56.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.70%
41) Toluene-d8	7.92	98	730180	54.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.54%
43) trans-1,3-Dichloropropene-	8.20	79	116292	50.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.60%
47) 2-Hexanone-d5	8.65	63	278642	115.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.13%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	361896	53.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.72%
64) 1,2-Dichlorobenzene-d4	12.20	152	291208	57.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.26%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3049	0.746 ug/L #	21
13) Acetone	2.66	43	21839	7.837 ug/L	94
27) 1,2-Dichloroethane	5.83	62	846399	122.438 ug/L	99
33) Benzene	5.81	78	41493	2.281 ug/L	100
37) 1,2-Dichloropropane	6.82	63	10970	2.315 ug/L #	97
39) cis-1,3-Dichloropropene	7.59	75	7016	0.960 ug/L #	54
59) 1,2,3-Trichloropropane	11.82	75	36090	5.431 ug/L	89

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



#10

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

Concen: 0.746 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

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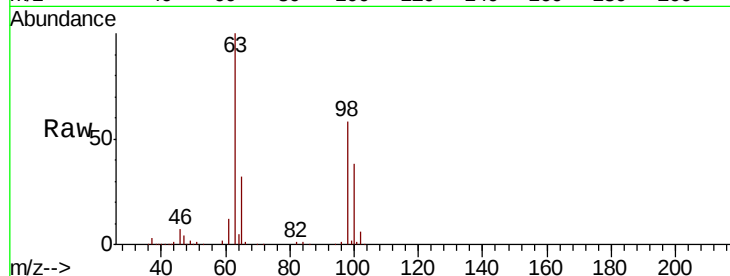
Tot Ion:101 Resp: 3049

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

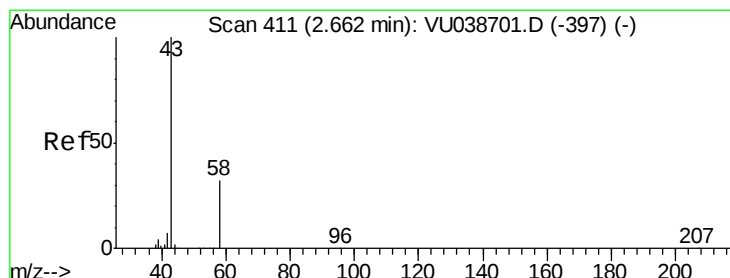
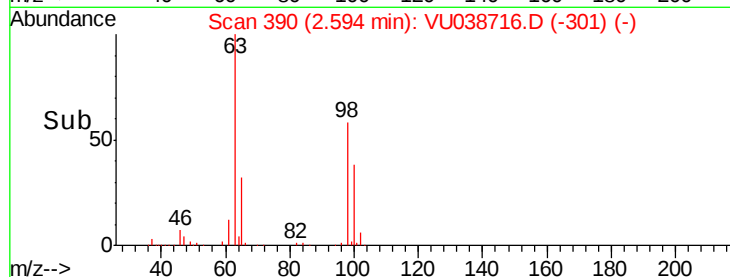
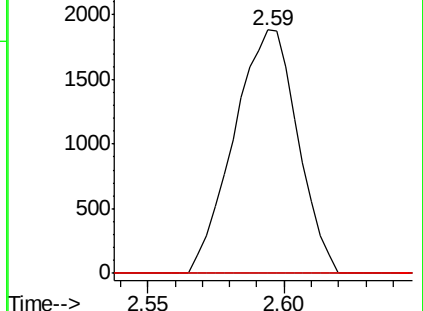
151 0.0 57.4 86.0#



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



#13

Acetone

Concen: 7.837 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU038716.D

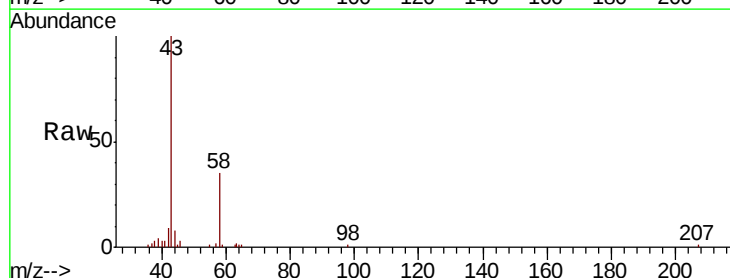
Acq: 09 Jun 2020 12:09

Tgt Ion: 43 Resp: 21839

Ion Ratio Lower Upper

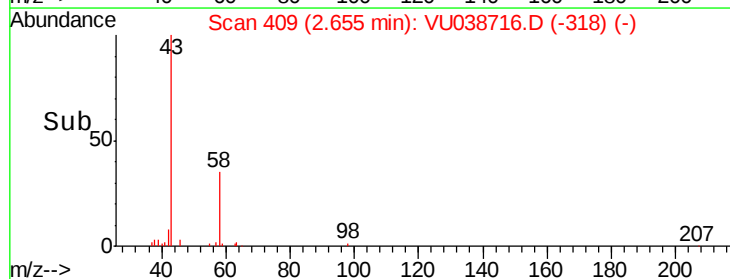
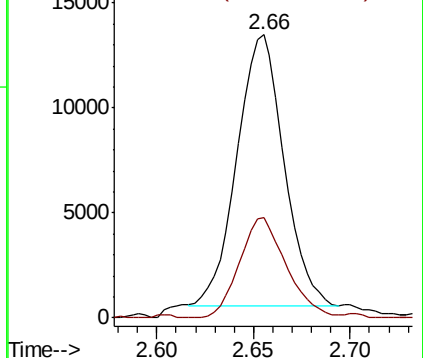
43 100

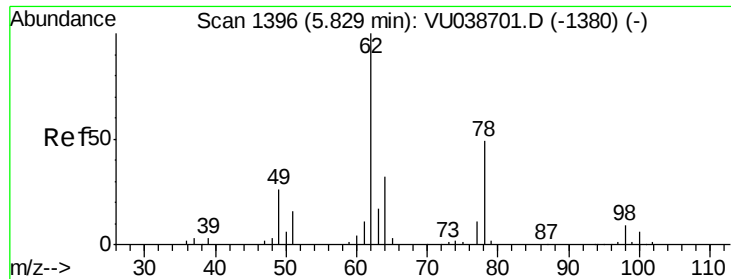
58 37.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#27

1,2-Dichloroethane

Concen: 122.438 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038716.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

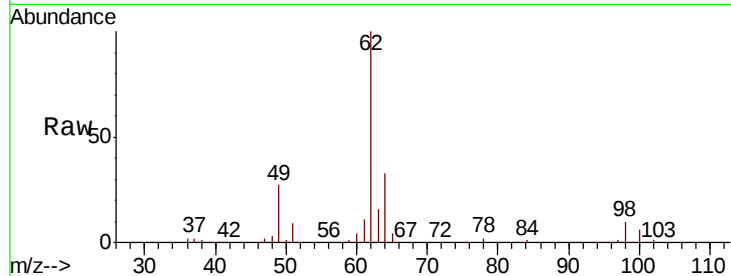
F9E58

Tot Ion: 62 Resp: 846399

Ion Ratio Lower Upper

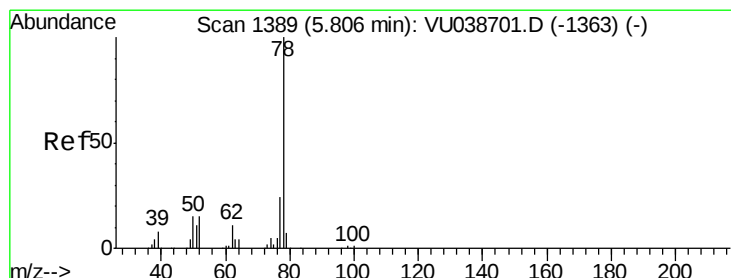
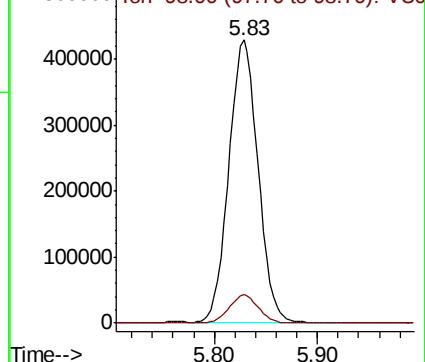
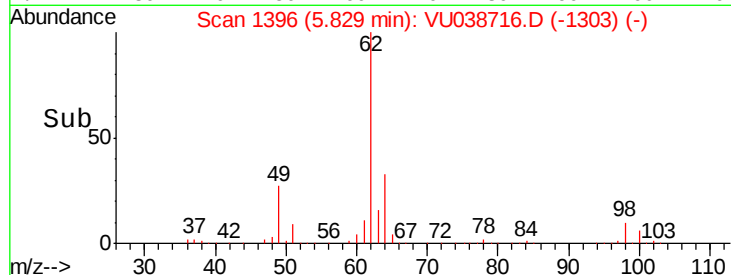
62 100

98 10.1 7.8 11.6



Abundance Ion 62.00 (61.70 to 62.70): VU038716.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038716.D (-1303) (-)



#33

Benzene

Concen: 2.281 ug/L

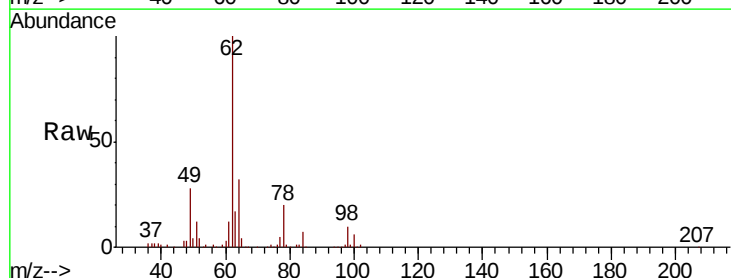
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

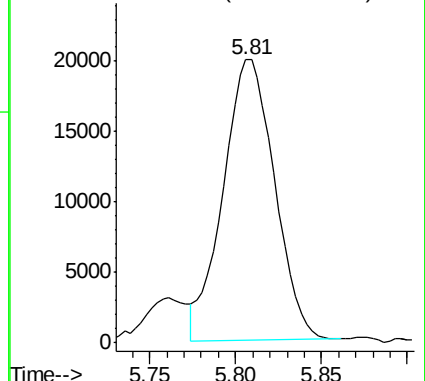
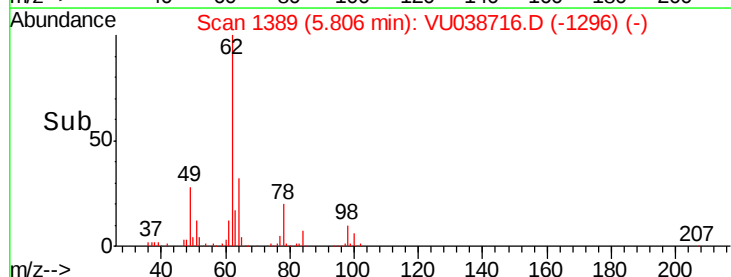
Lab File: VU038716.D

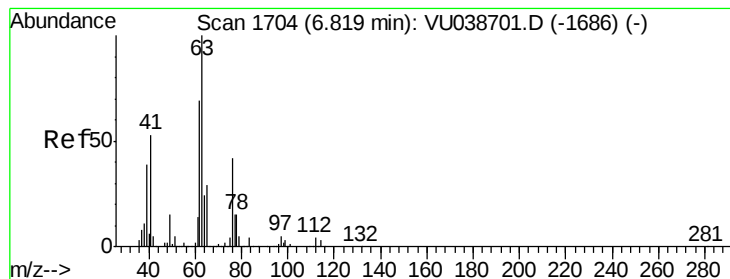
Acq: 09 Jun 2020 12:09

Tgt Ion: 78 Resp: 41493



Abundance Ion 78.00 (77.70 to 78.70): VU038716.D (-1296) (-)





#37

1,2-Dichloropropane

Concen: 2.315 ug/L

RT: 6.82 min Scan# 1703

Delta R.T. -0.00 min

Lab File: VU038716.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

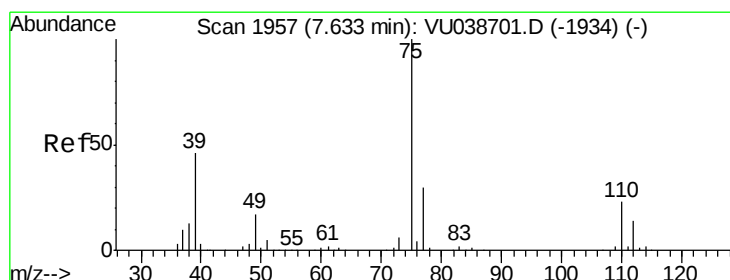
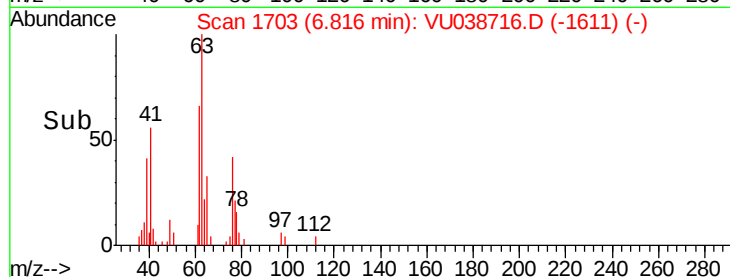
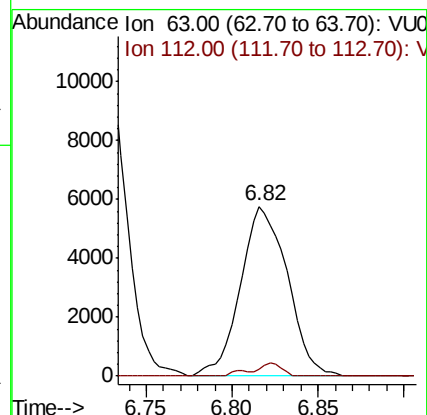
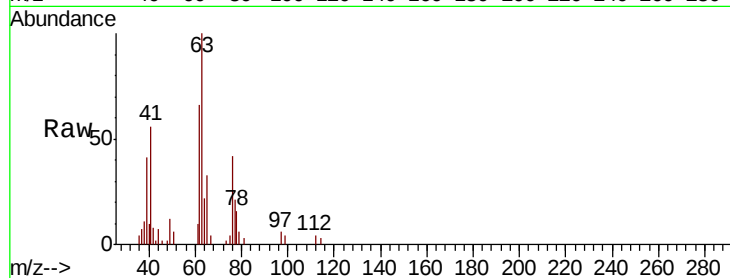
F9E58

Tot Ion: 63 Resp: 10970

Ion Ratio Lower Upper

63 100

112 3.3 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.960 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038716.D

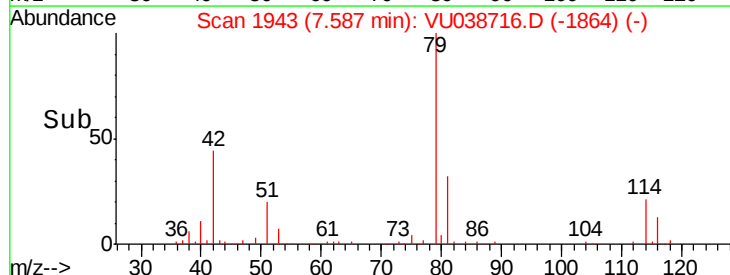
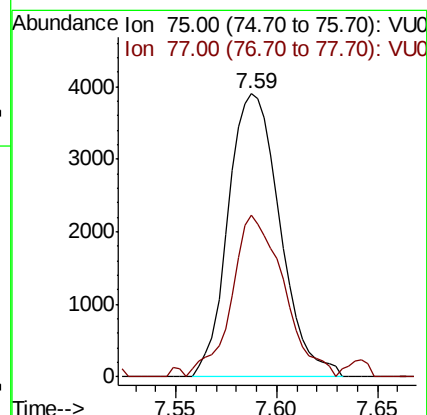
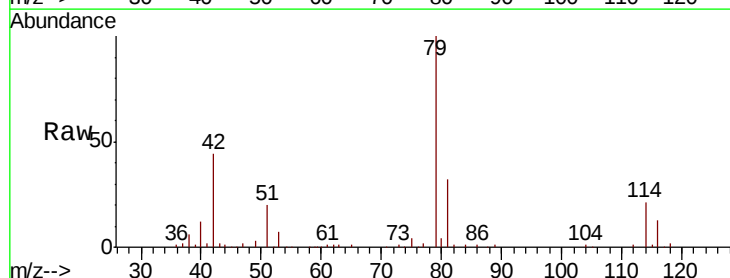
Acq: 09 Jun 2020 12:09

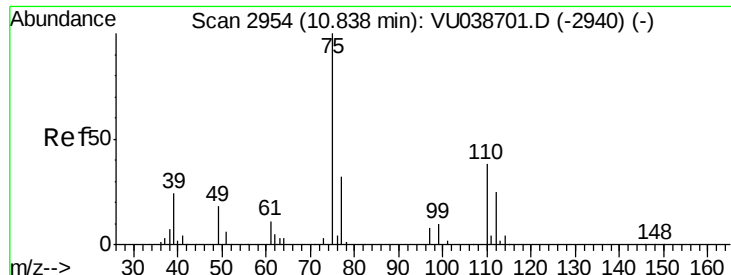
Tgt Ion: 75 Resp: 7016

Ion Ratio Lower Upper

75 100

77 57.2 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.431 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038716.D

Acq: 09 Jun 2020 12:09

Instrument :

MSVOA_U

ClientSampleId :

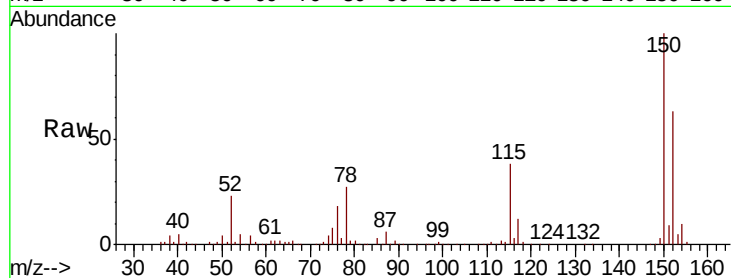
F9E58

Tot Ion: 75 Resp: 36090

Ion Ratio Lower Upper

75 100

77 37.7 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

