

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038759.D
 Acq On : 10 Jun 2020 05:49
 Operator : SY/MD
 Sample : L2913-08 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D95

Quant Time: Jun 10 07:18:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 06:36:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	521818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	493869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	225085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	129927	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.14%
7) Chloroethane-d5	1.93	69	116970	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.44%
11) 1,1-Dichloroethene-d2	2.59	63	216817	34.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.24%
21) 2-Butanone-d5	4.66	46	330196	116.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.42%
24) Chloroform-d	5.10	84	323936	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.06%
26) 1,2-Dichloroethane-d4	5.74	65	227787	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.36%
32) Benzene-d6	5.76	84	624779	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.72	67	200606	54.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.44%
41) Toluene-d8	7.92	98	524443	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%
43) trans-1,3-Dichloropropene-	8.20	79	92837	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.58%
47) 2-Hexanone-d5	8.65	63	234331	120.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.07%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	298266	54.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	217824	55.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.48%

Target Compounds

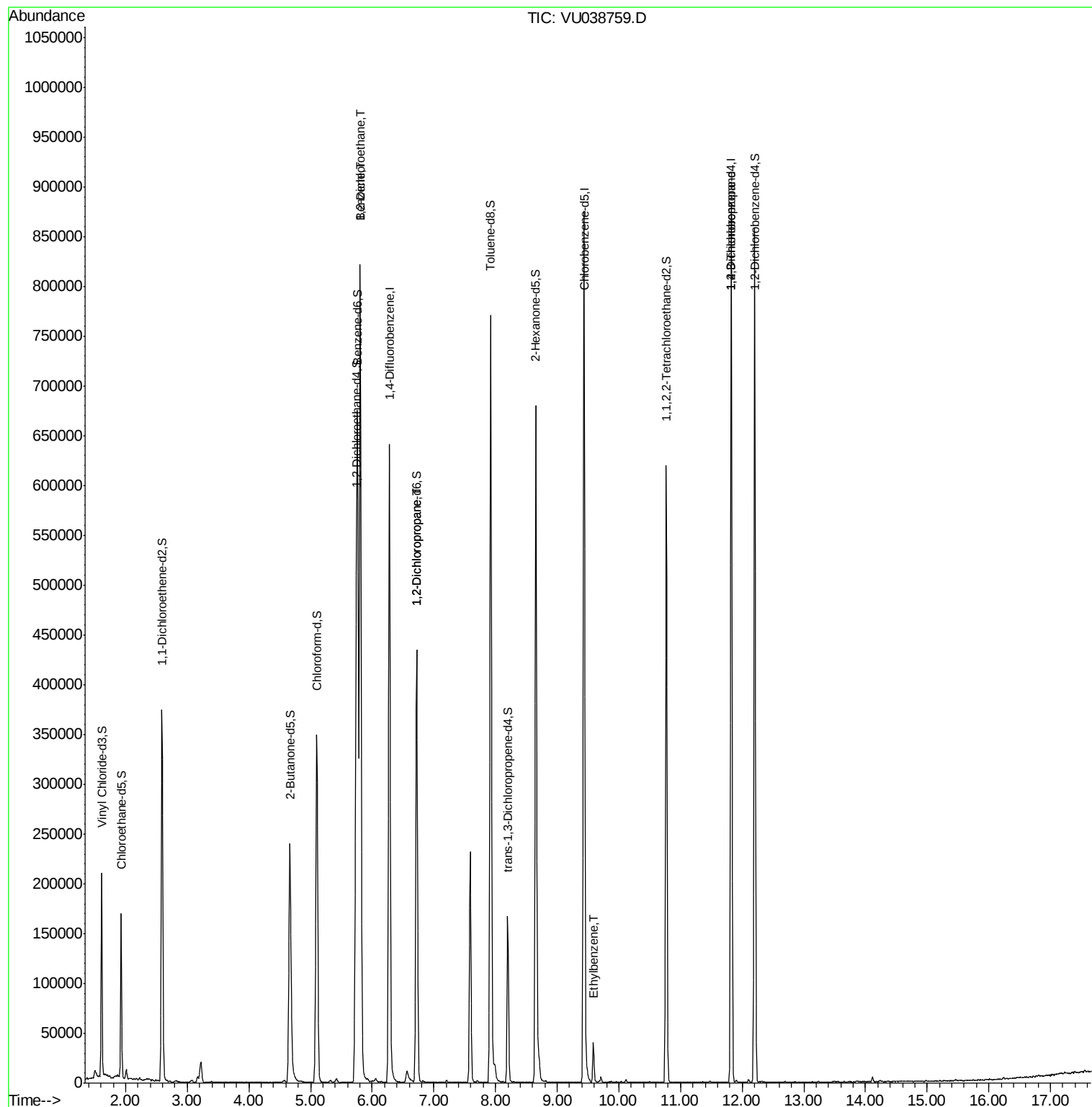
					Ovalue
27) 1,2-Dichloroethane	5.81	62	7573	1.336 ug/L #	74
33) Benzene	5.81	78	755789	51.534 ug/L	100
37) 1,2-Dichloropropane	6.72	63	22510	5.890 ug/L #	87
52) Ethylbenzene	9.59	91	28320	1.673 ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	28497	5.318 ug/L #	87

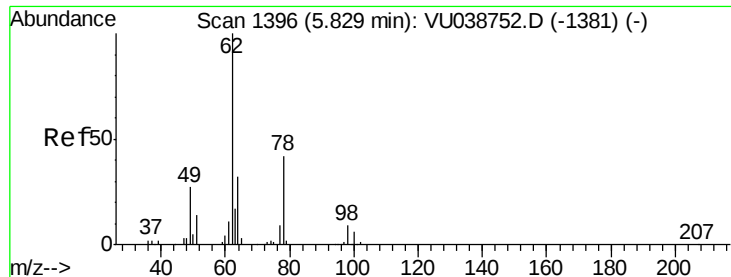
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 1.336 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU038759.D

Acq: 10 Jun 2020 05:49

Instrument :

MSVOA_U

ClientSampleId :

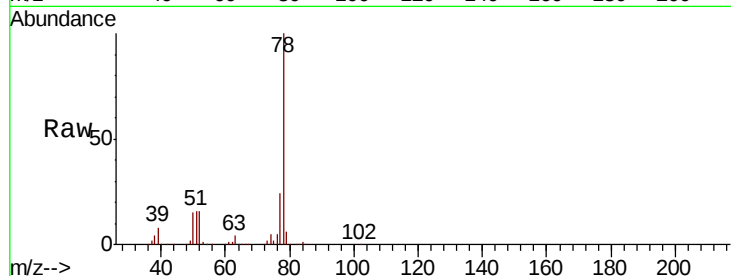
F9D95

Tot Ion: 62 Resp: 7573

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.6#

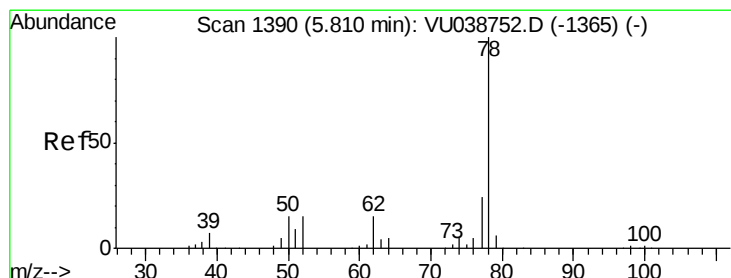
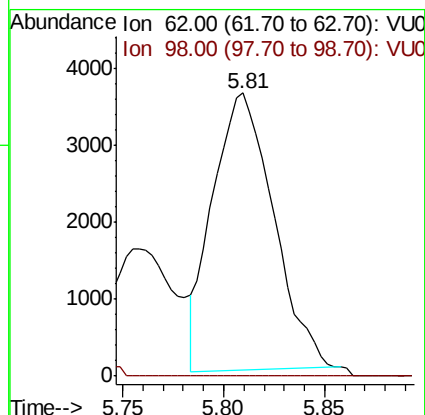
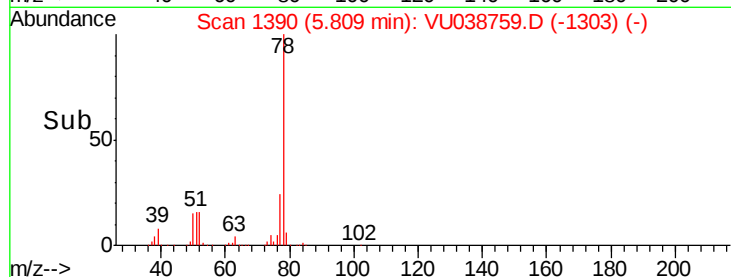


Abundance Ion 62.00 (61.70 to 62.70): VU038752.D (-1381) (-)

Ion 98.00 (97.70 to 98.70): VU038759.D (-1303) (-)

5.81

5.85



#33

Benzene

Concen: 51.534 ug/L

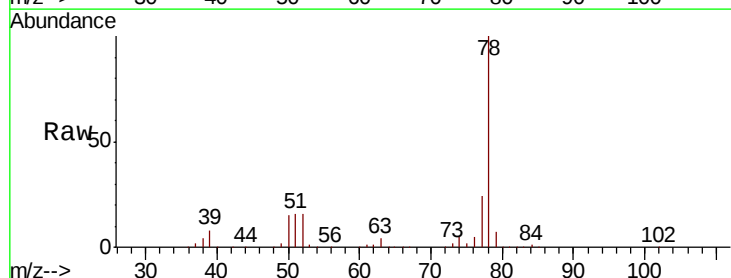
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038759.D

Acq: 10 Jun 2020 05:49

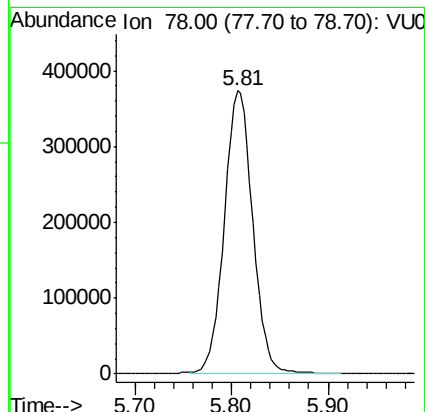
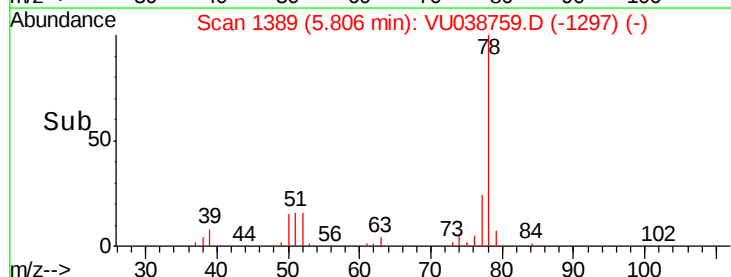
Tgt Ion: 78 Resp: 755789

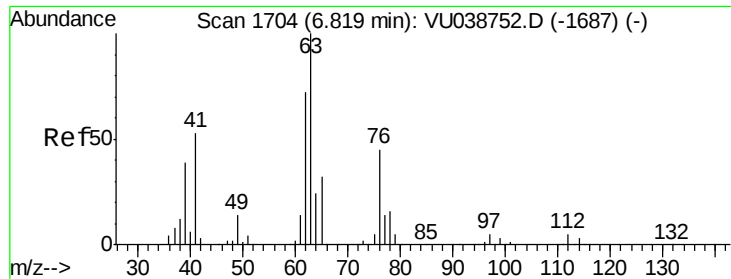


Abundance Ion 78.00 (77.70 to 78.70): VU038752.D (-1365) (-)

5.81

5.90

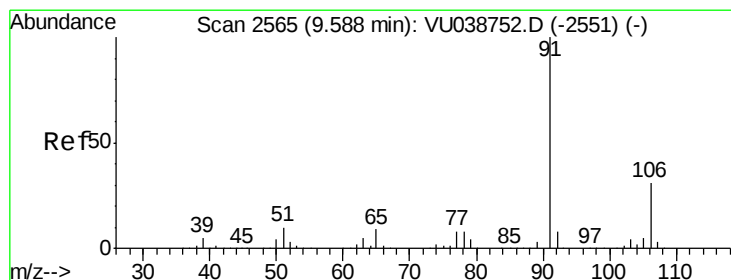
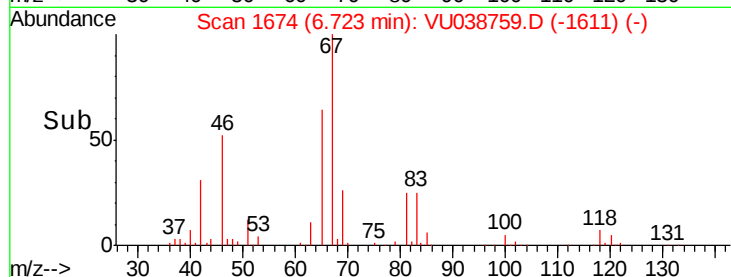
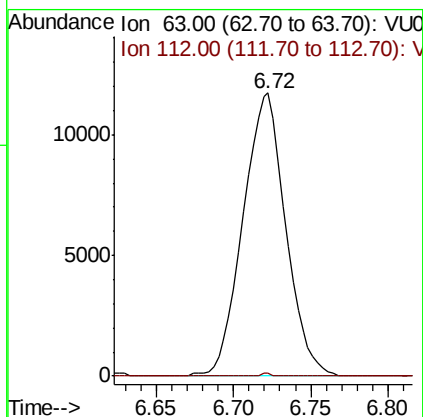
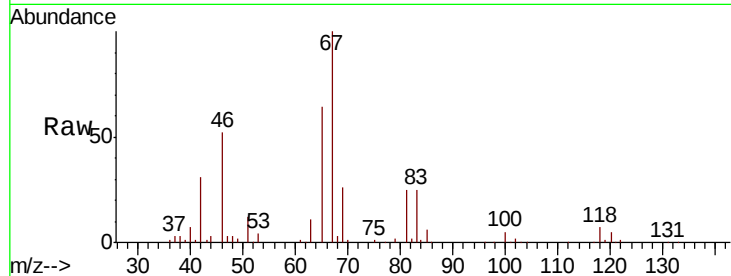




#37
 1,2-Dichloropropane
 Concen: 5.890 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038759.D
 Acq: 10 Jun 2020 05:49

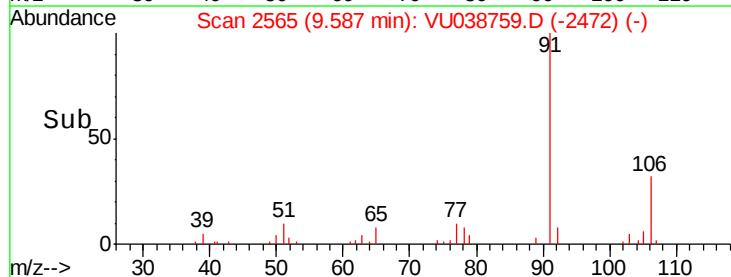
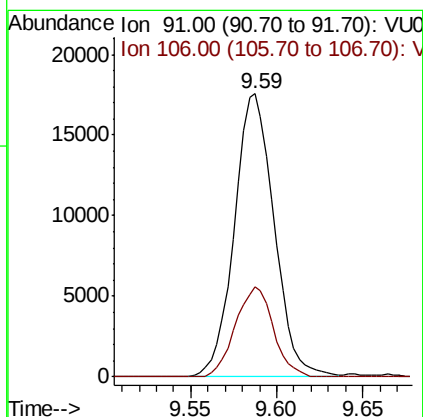
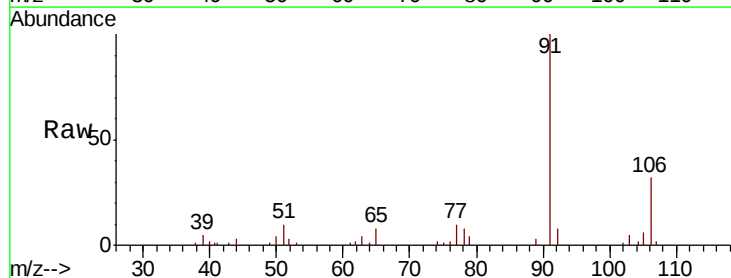
Instrument :
 MSVOA_U
 ClientSampled :
 F9D95

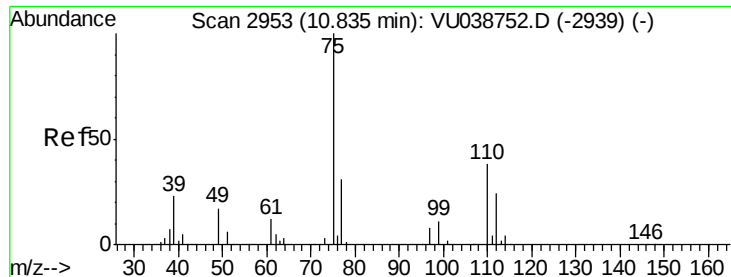
Tot Ion: 63 Resp: 22510
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#52
 Ethylbenzene
 Concen: 1.673 ug/L
 RT: 9.59 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: VU038759.D
 Acq: 10 Jun 2020 05:49

Tgt Ion: 91 Resp: 28320
 Ion Ratio Lower Upper
 91 100
 106 31.7 21.5 39.9





#59

1,2,3-Trichloropropane

Concen: 5.318 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.99 min

Lab File: VU038759.D

Acq: 10 Jun 2020 05:49

Instrument :

MSVOA_U

ClientSampleId :

F9D95

Tot Ion: 75 Resp: 28497

Ion Ratio Lower Upper

75 100

77 38.9 25.3 37.9#

