

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038721.D
 Acq On : 09 Jun 2020 13:59
 Operator : SY/MD
 Sample : L2896-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MS

Quant Time: Jun 10 00:36:31 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	567956	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	553677	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	264570	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	167285	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.44%
7) Chloroethane-d5	1.93	69	136697	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.06%
11) 1,1-Dichloroethene-d2	2.59	63	345748	49.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.98%
21) 2-Butanone-d5	4.66	46	335051	108.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.53%
24) Chloroform-d	5.10	84	344240	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.74	65	234127	51.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.26%
32) Benzene-d6	5.76	84	720179	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.72	67	219623	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.92	98	627977	52.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	8.20	79	107488	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.88%
47) 2-Hexanone-d5	8.65	63	251695	115.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	308662	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	12.20	152	250569	54.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.10%

Target Compounds

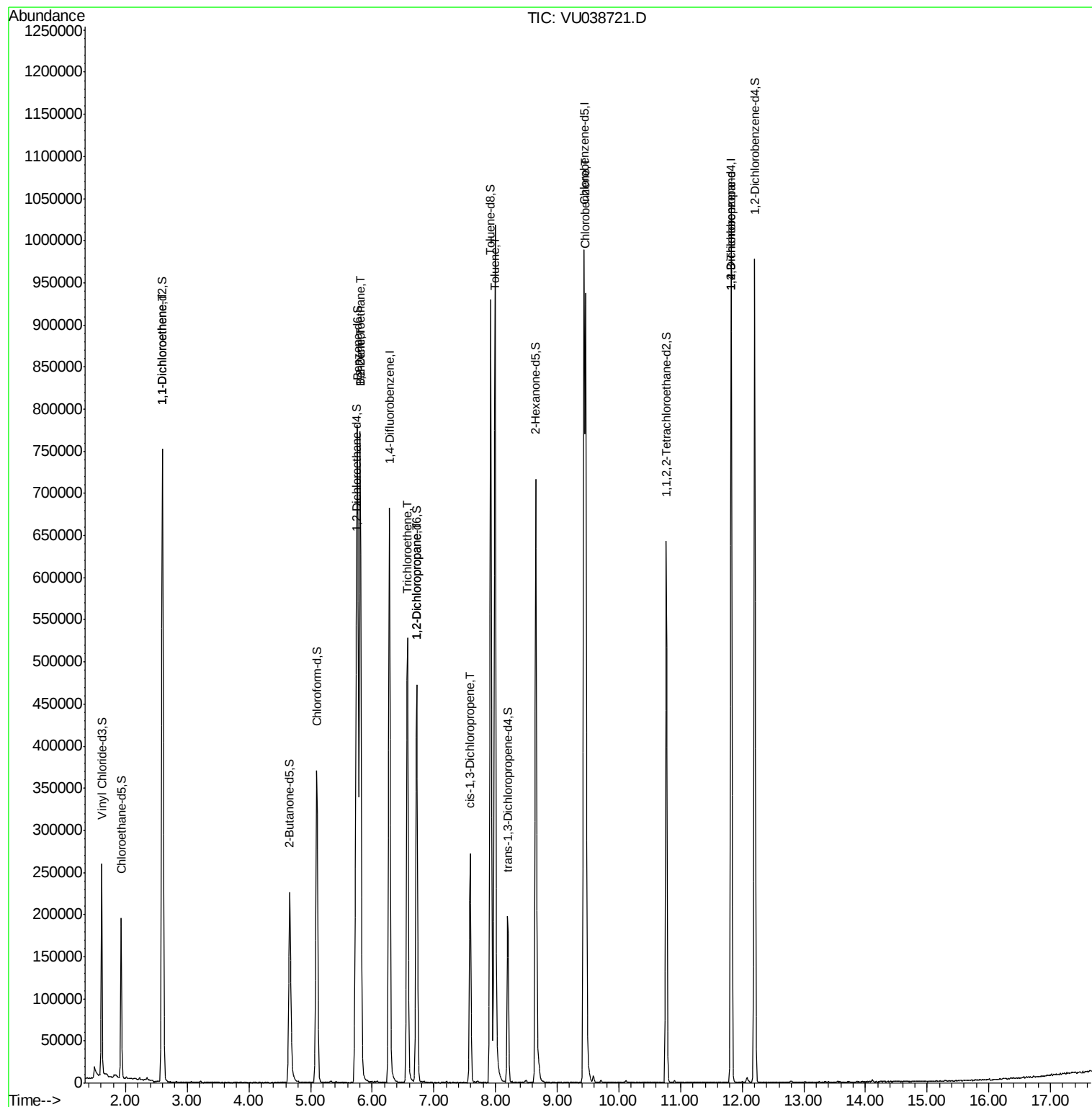
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	154138	42.876	ug/L #	86
27) 1,2-Dichloroethane	5.81	62	5987	0.970	ug/L #	74
33) Benzene	5.81	78	725738	44.140	ug/L	100
34) Trichloroethene	6.57	95	177835	42.527	ug/L	98
37) 1,2-Dichloropropane	6.72	63	23983	5.598	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	6504	0.984	ug/L #	67
42) Toluene	7.99	91	762840	44.373	ug/L	99
51) Chlorobenzene	9.47	112	484542	43.872	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	33418	5.563	ug/L	90

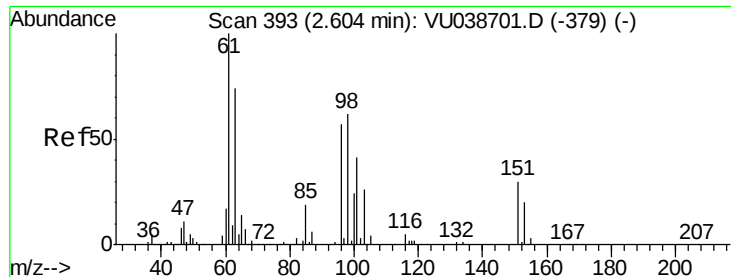
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:33:15 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 42.876 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

EW0G9MS

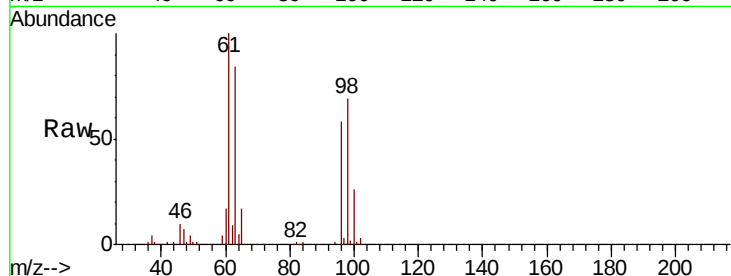
Tot Ion: 96 Resp: 154138

Ion Ratio Lower Upper

96 100

61 172.4 120.0 223.0

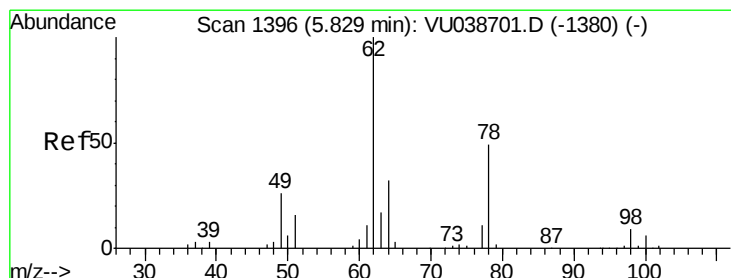
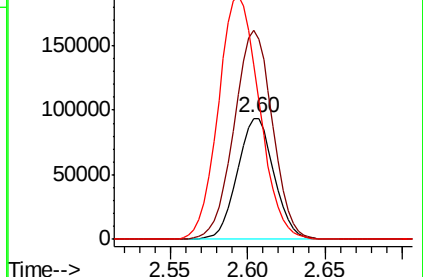
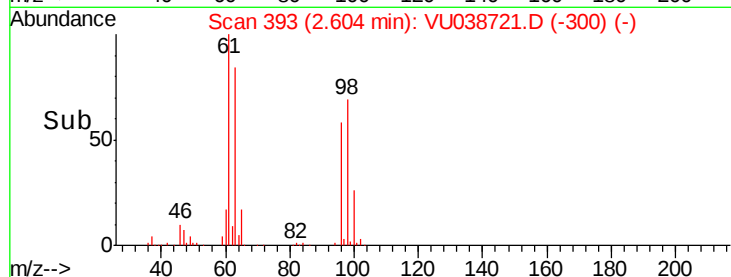
63 144.1 75.8 140.8#



Abundance Ion 96.00 (95.70 to 96.70): VU038721.D (-1300) (-)

Ion 61.00 (60.70 to 61.70): VU038721.D (-1300) (-)

Ion 63.00 (62.70 to 63.70): VU038721.D (-1300) (-)



#27

1,2-Dichloroethane

Concen: 0.970 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.02 min

Lab File: VU038721.D

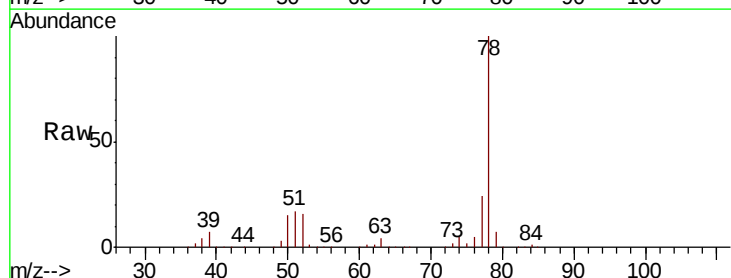
Acq: 09 Jun 2020 13:59

Tgt Ion: 62 Resp: 5987

Ion Ratio Lower Upper

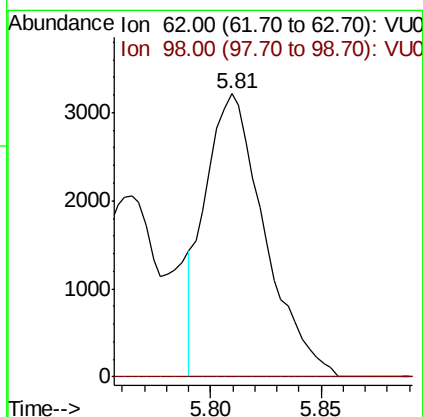
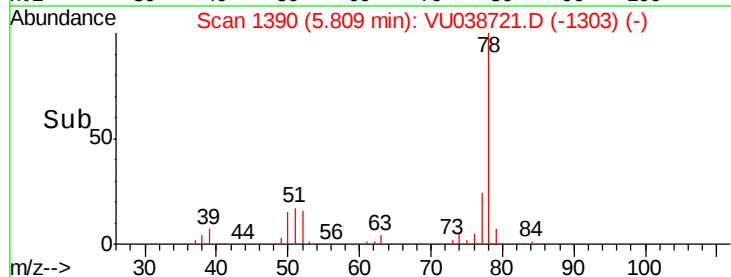
62 100

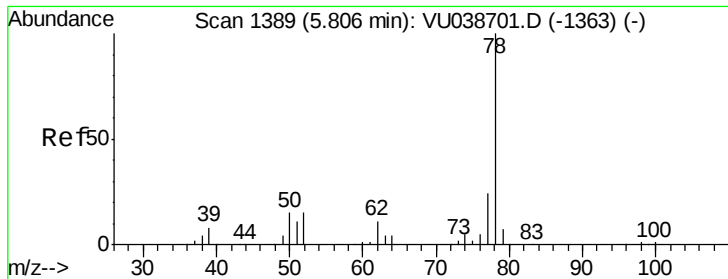
98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VU038721.D (-1303) (-)

Ion 98.00 (97.70 to 98.70): VU038721.D (-1303) (-)





#33

Benzene

Concen: 44.140 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

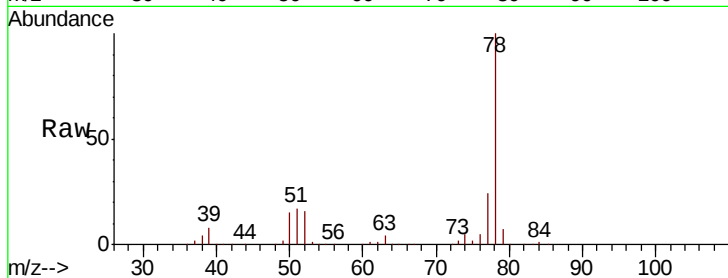
Instrument :

MSVOA_U

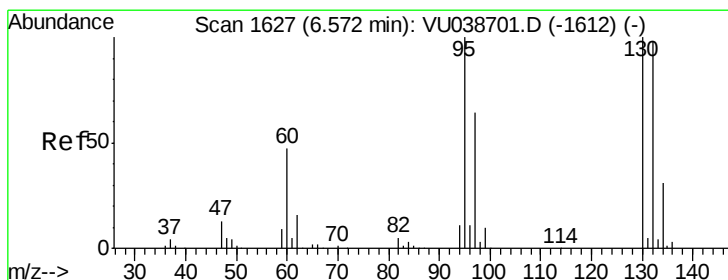
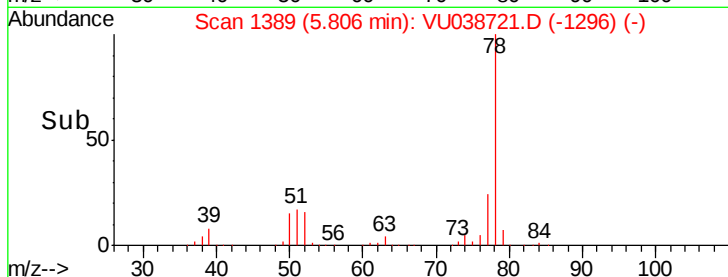
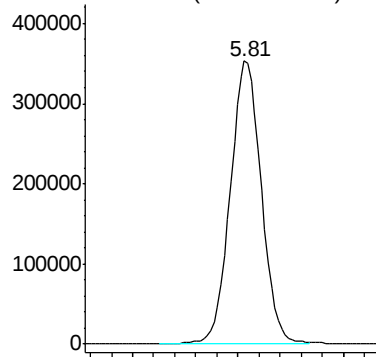
ClientSampleId :

EW0G9MS

Tgt Ion: 78 Resp: 725738



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 42.527 ug/L

RT: 6.57 min Scan# 1627

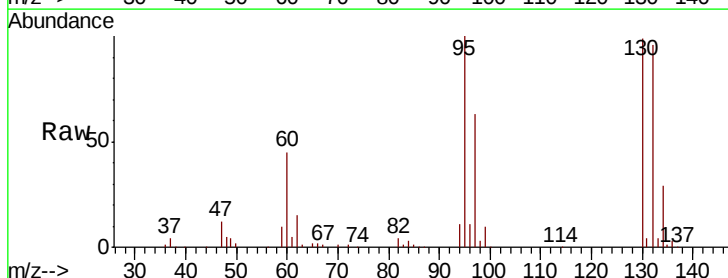
Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Tgt Ion: 95 Resp: 177835

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	96.2	64.9	120.5
130	99.2	68.6	127.4

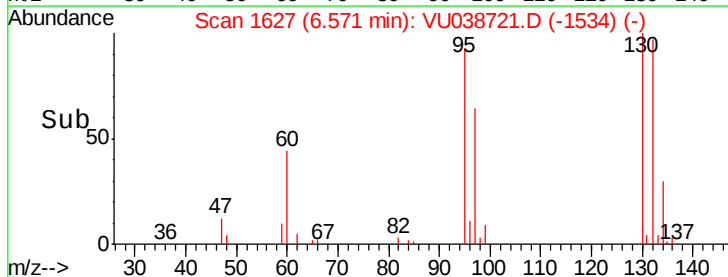
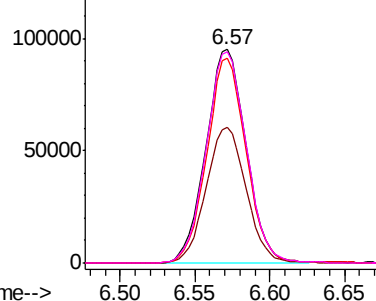


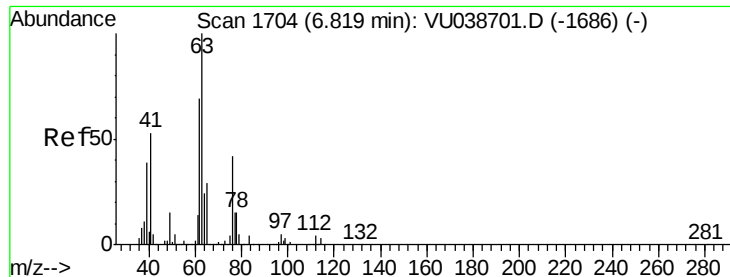
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#37

1,2-Dichloropropane

Concen: 5.598 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

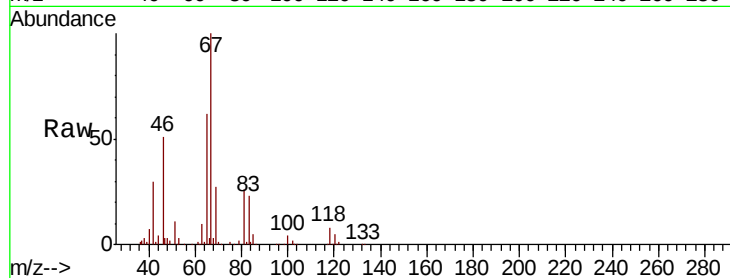
EW0G9MS

Tot Ion: 63 Resp: 23983

Ion Ratio Lower Upper

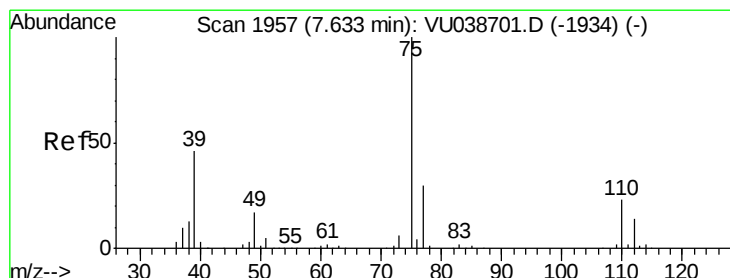
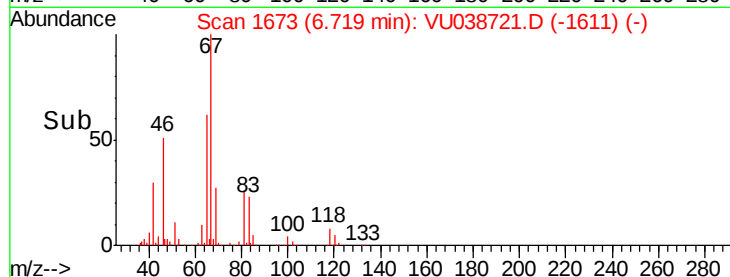
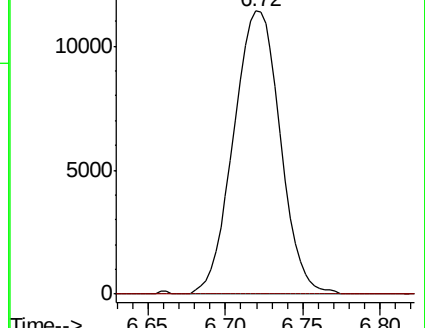
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU038721.D (-1673) (-)

Ion 112.00 (111.70 to 112.70): VU038721.D (-1673) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038721.D

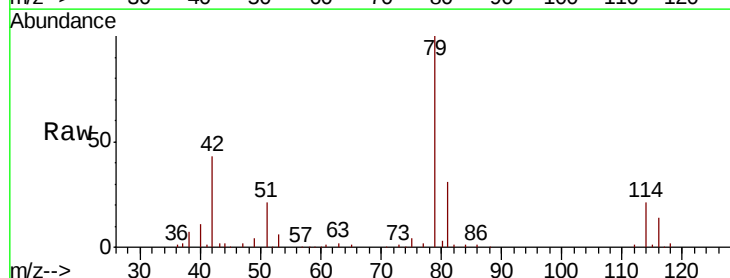
Acq: 09 Jun 2020 13:59

Tgt Ion: 75 Resp: 6504

Ion Ratio Lower Upper

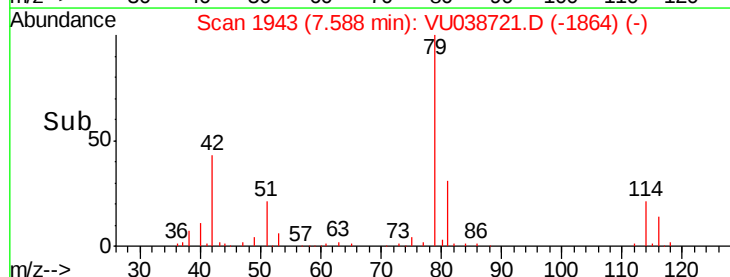
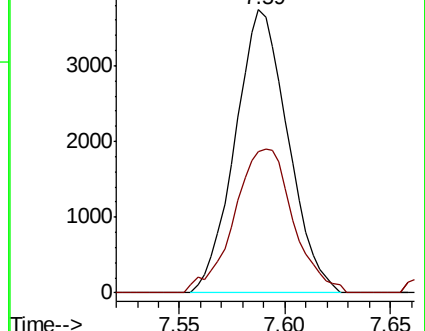
75 100

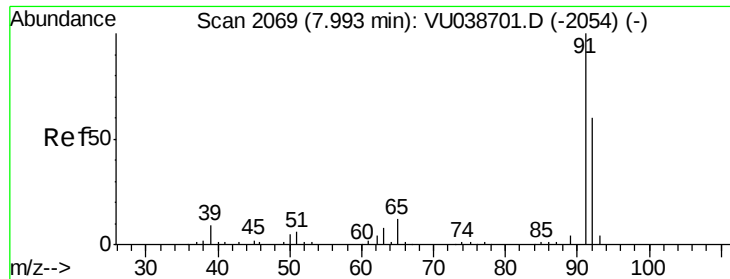
77 49.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU038721.D (-1943) (-)

Ion 77.00 (76.70 to 77.70): VU038721.D (-1943) (-)





#42

Toluene

Concen: 44.373 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

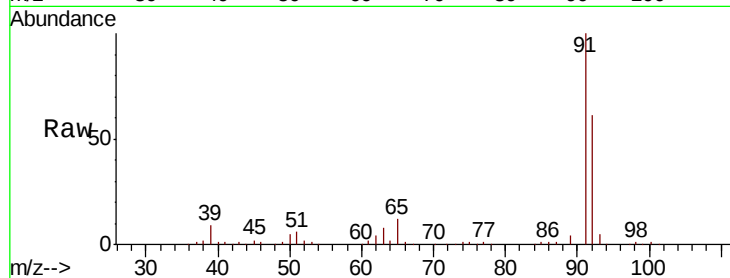
EW0G9MS

Tot Ion: 91 Resp: 762840

Ion Ratio Lower Upper

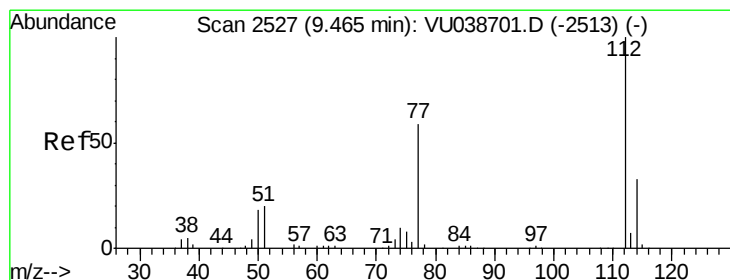
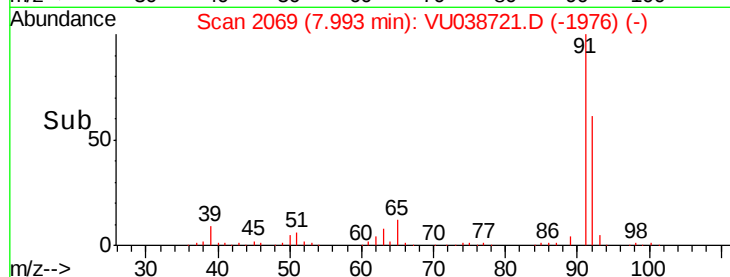
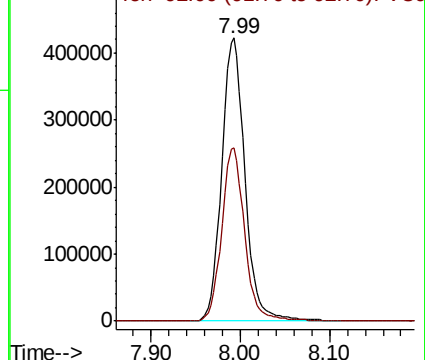
91 100

92 61.3 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038721.D (-1976) (-)

Ion 92.00 (91.70 to 92.70): VU038721.D (-1976) (-)



#51

Chlorobenzene

Concen: 43.872 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

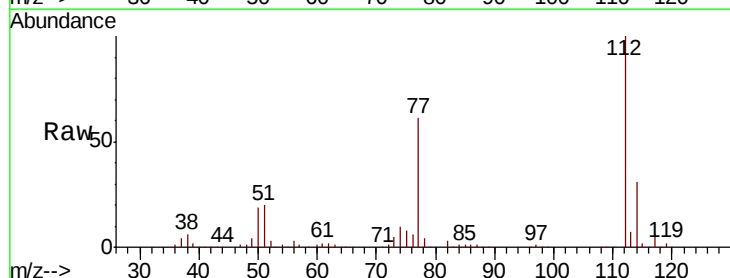
Tgt Ion: 112 Resp: 484542

Ion Ratio Lower Upper

112 100

114 31.3 22.2 41.2

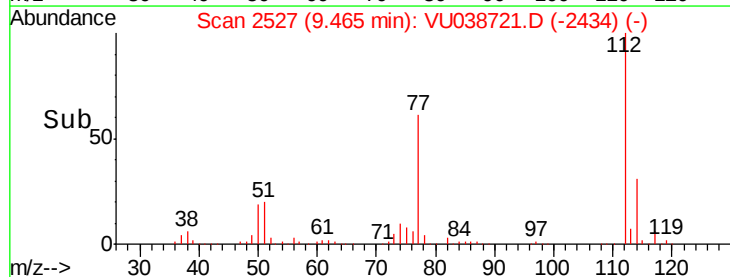
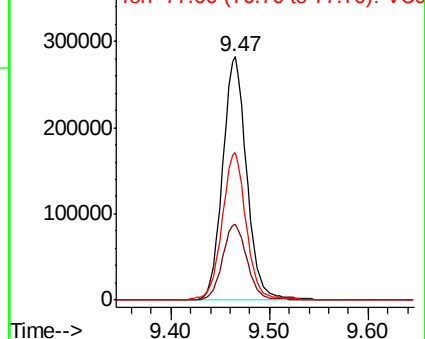
77 60.5 47.9 71.9

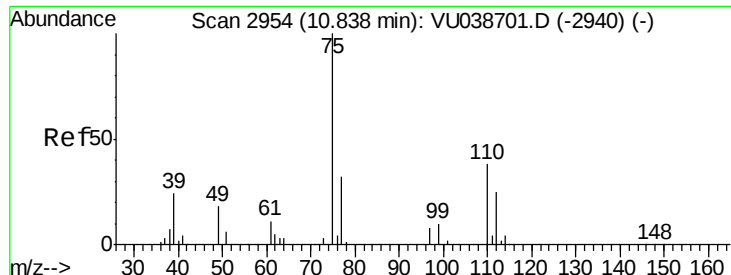


Abundance Ion 112.00 (111.70 to 112.70): VU038721.D (-2434) (-)

Ion 114.00 (113.70 to 114.70): VU038721.D (-2434) (-)

Ion 77.00 (76.70 to 77.70): VU038721.D (-2434) (-)





#59

1,2,3-Trichloropropane

Concen: 5.563 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038721.D

Acq: 09 Jun 2020 13:59

Instrument :

MSVOA_U

ClientSampleId :

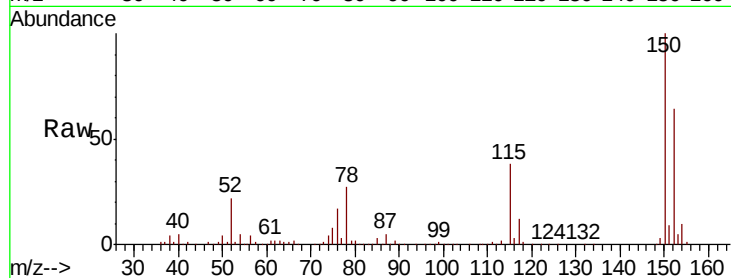
EW0G9MS

Tot Ion: 75 Resp: 33418

Ion Ratio Lower Upper

75 100

77 37.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

