

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038722.D
 Acq On : 09 Jun 2020 14:21
 Operator : SY/MD
 Sample : L2896-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Quant Time: Jun 10 00:36:39 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	562460	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	546998	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	258248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	175004	55.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.38%
7) Chloroethane-d5	1.93	69	142960	58.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.28%
11) 1,1-Dichloroethene-d2	2.59	63	373059	54.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.94%
21) 2-Butanone-d5	4.66	46	361386	118.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.21%
24) Chloroform-d	5.10	84	364253	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
26) 1,2-Dichloroethane-d4	5.74	65	247773	55.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.34%
32) Benzene-d6	5.76	84	763967	57.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.96%
36) 1,2-Dichloropropane-d6	6.72	67	231638	57.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.08%
41) Toluene-d8	7.92	98	673538	56.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.14%
43) trans-1,3-Dichloropropene-	8.20	79	113448	55.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.98%
47) 2-Hexanone-d5	8.65	63	269124	124.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.51%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	332077	54.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	266742	59.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.98%

Target Compounds

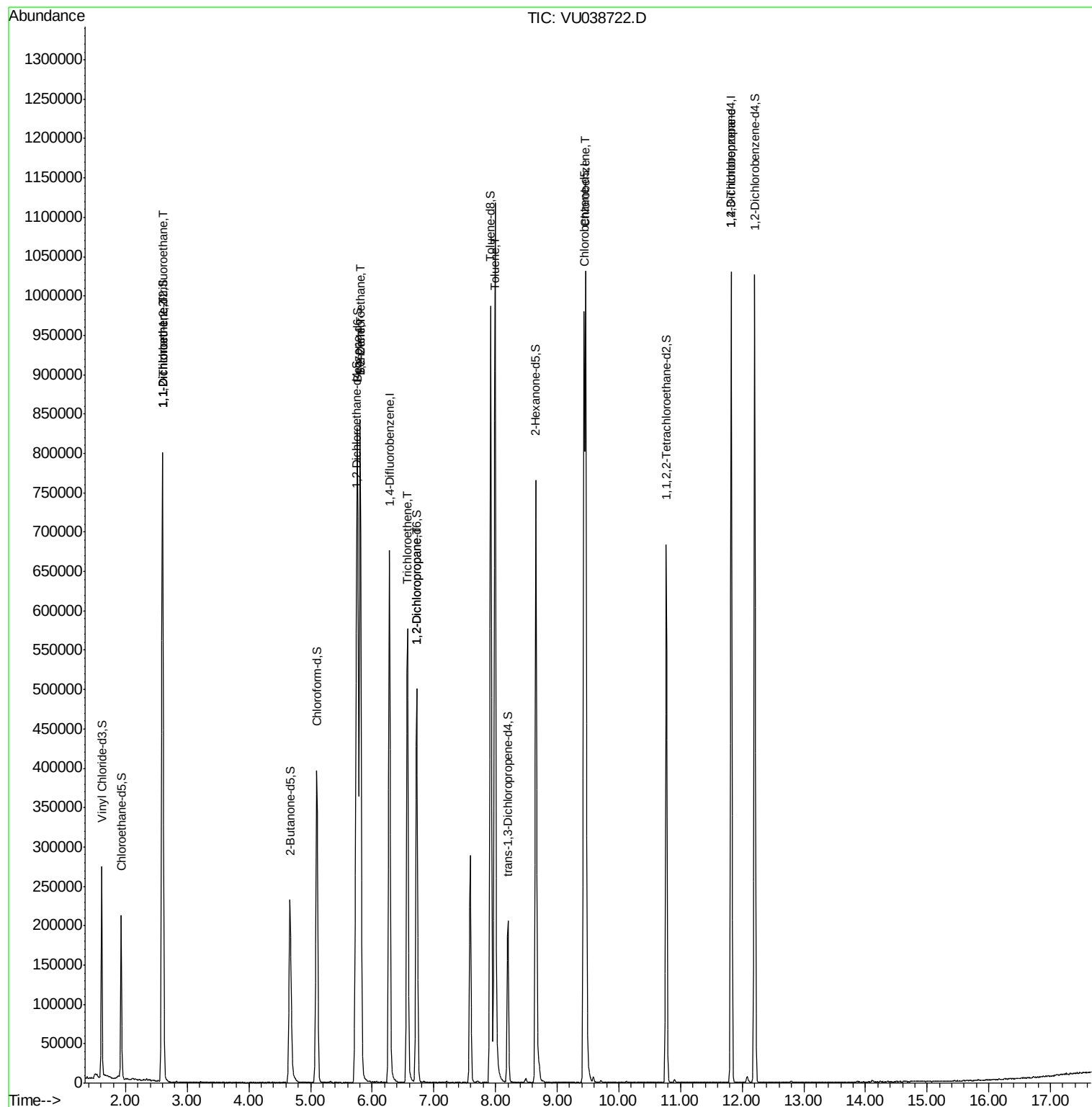
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3139	0.869	ug/L #	21
12) 1,1-Dichloroethene	2.60	96	168030	47.197	ug/L #	86
27) 1,2-Dichloroethane	5.81	62	7866	1.287	ug/L #	74
33) Benzene	5.81	78	802955	49.433	ug/L	100
34) Trichloroethene	6.57	95	193804	46.912	ug/L	98
37) 1,2-Dichloropropane	6.72	63	26339	6.223	ug/L #	87
42) Toluene	7.99	91	840102	49.464	ug/L	99
51) Chlorobenzene	9.47	112	532295	48.784	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	32992	5.559	ug/L	91

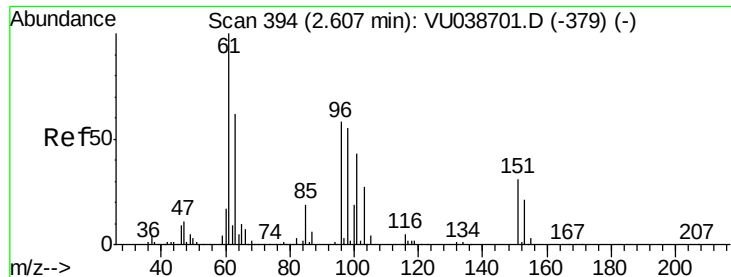
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.869 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038722.D

Acq: 09 Jun 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

EW0G9MSD

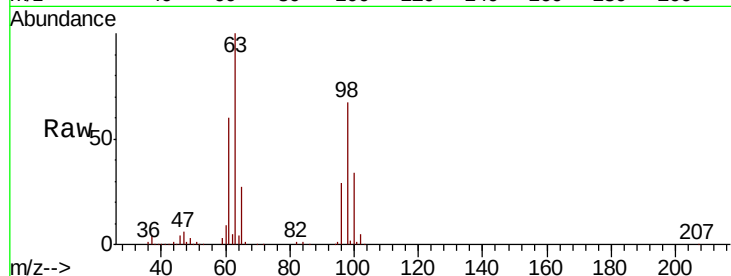
Tot Ion:101 Resp: 3139

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

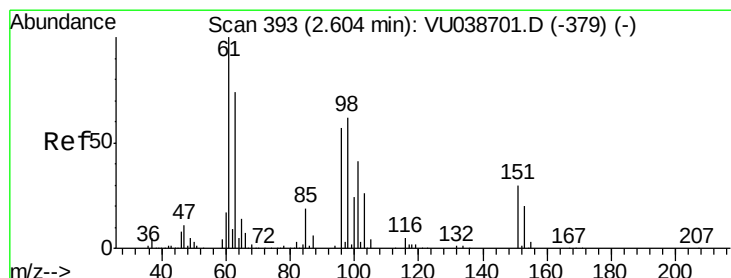
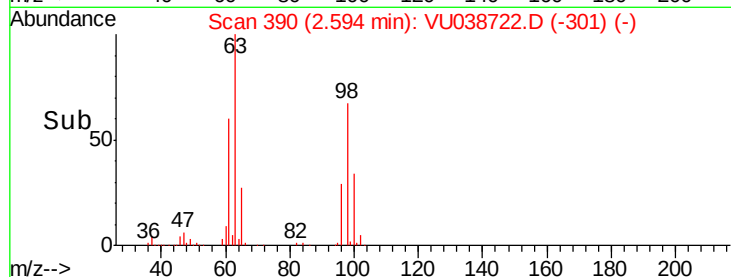
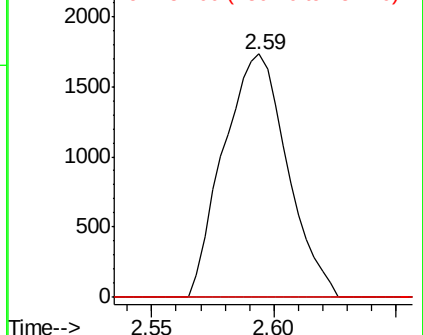
151 0.0 57.4 86.0#



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



#12

1,1-Dichloroethene

Concen: 47.197 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038722.D

Acq: 09 Jun 2020 14:21

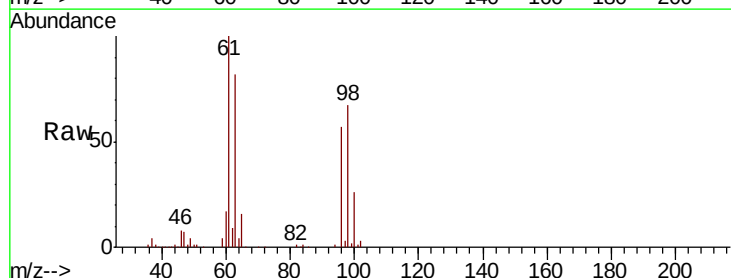
Tgt Ion: 96 Resp: 168030

Ion Ratio Lower Upper

96 100

61 174.5 120.0 223.0

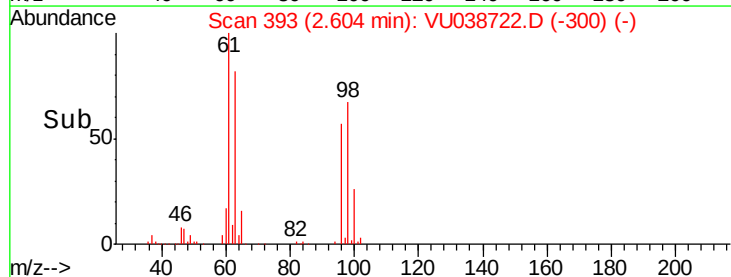
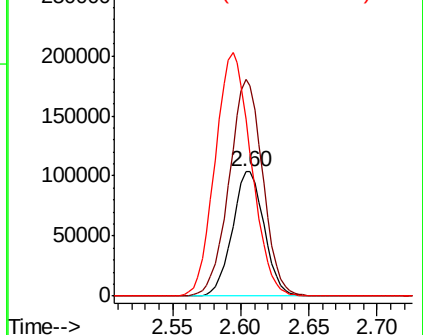
63 142.7 75.8 140.8#

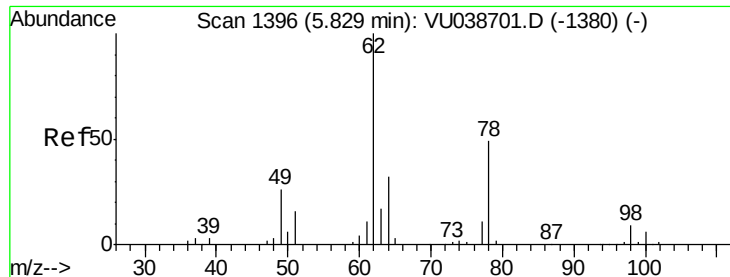


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

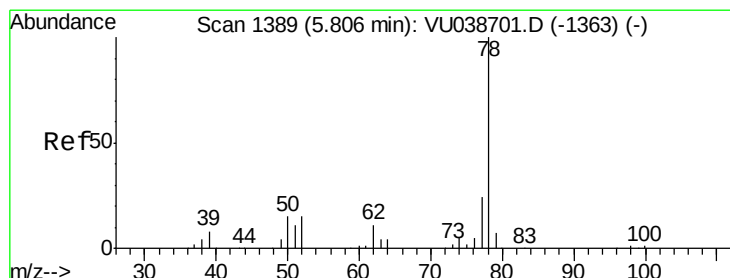
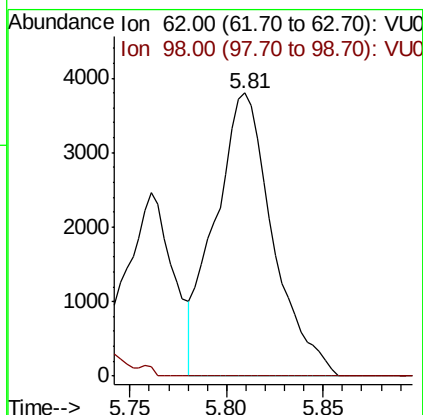
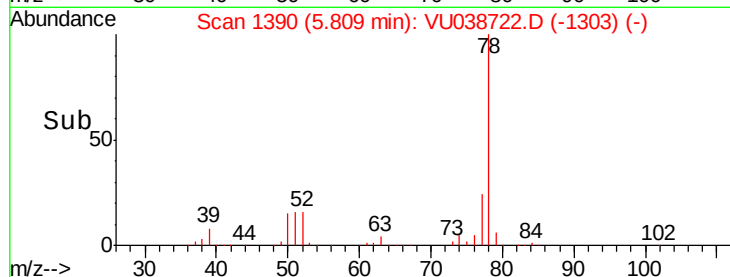
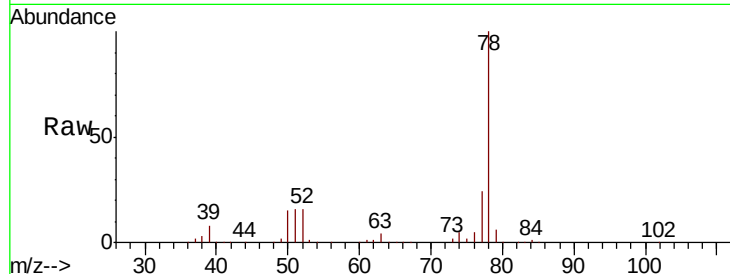




#27
 1,2-Dichloroethane
 Concen: 1.287 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

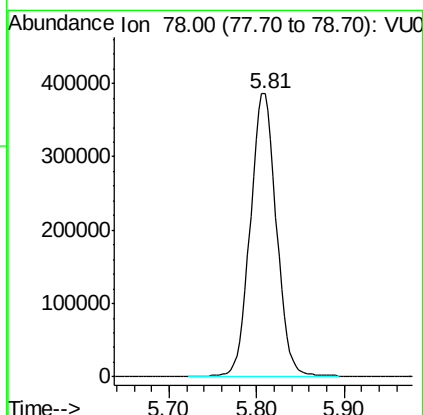
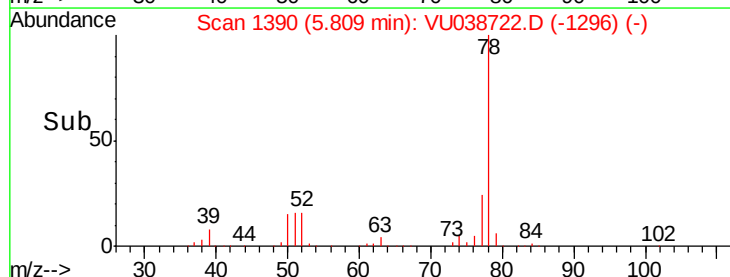
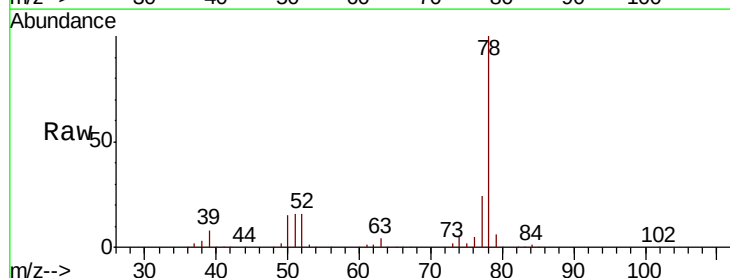
Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

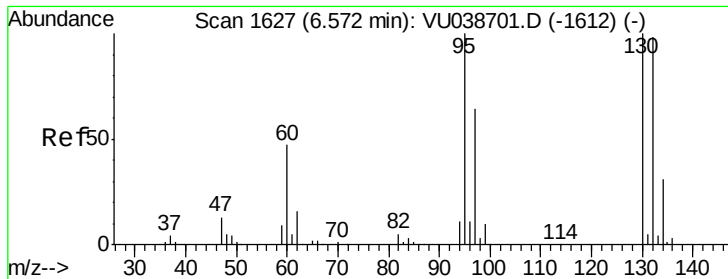
Tot Ion: 62 Resp: 7866
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.6#



#33
 Benzene
 Concen: 49.433 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

Tgt Ion: 78 Resp: 802955

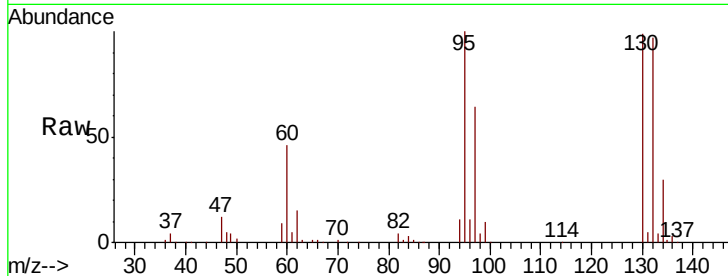




#34
 Trichloroethene
 Concen: 46.912 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0G9MSD

Tot Ion:	95	Resp:	193804
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	96.7	64.9	120.5
130	99.1	68.6	127.4



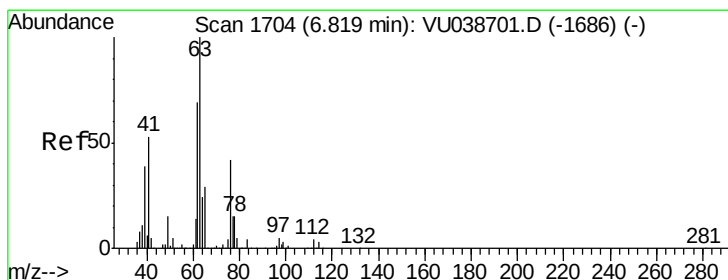
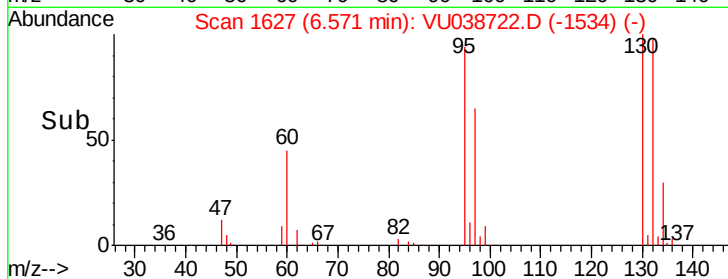
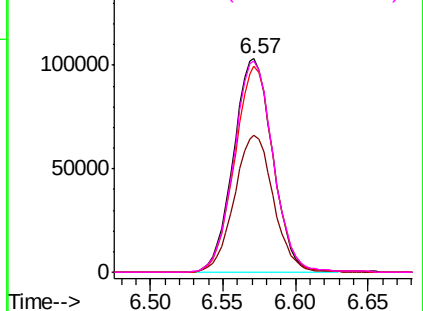
Abundance

Ion 95.00 (94.70 to 95.70): VU038701.D (-1612) (-)

Ion 97.00 (96.70 to 97.70): VU038701.D (-1612) (-)

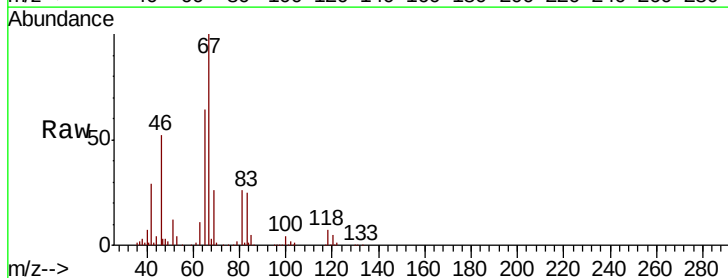
Ion 132.00 (131.70 to 132.70): VU038701.D (-1612) (-)

Ion 130.00 (129.70 to 130.70): VU038701.D (-1612) (-)



#37
 1,2-Dichloropropane
 Concen: 6.223 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038722.D
 Acq: 09 Jun 2020 14:21

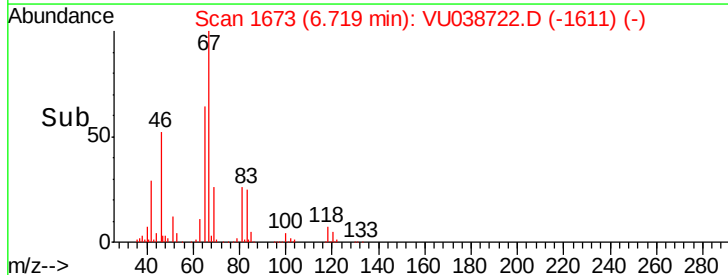
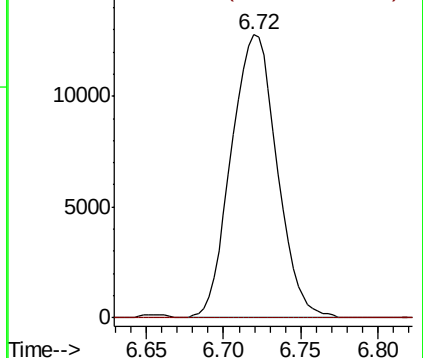
Tgt Ion:	63	Resp:	26339
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

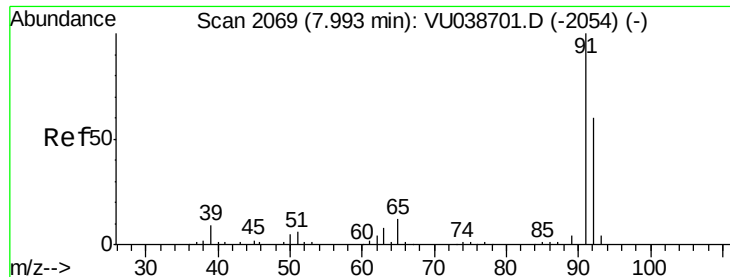


Abundance

Ion 63.00 (62.70 to 63.70): VU038701.D (-1686) (-)

Ion 112.00 (111.70 to 112.70): VU038701.D (-1686) (-)





#42

Toluene

Concen: 49.464 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038722.D

Acq: 09 Jun 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

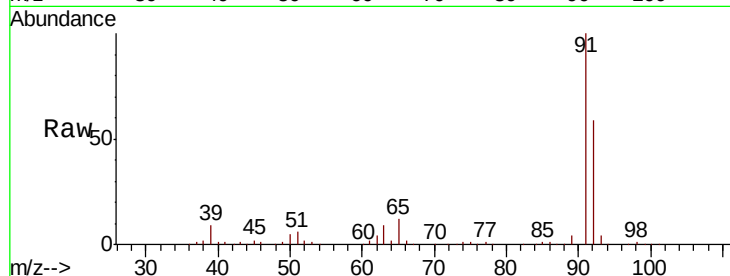
EW0G9MSD

Tot Ion: 91 Resp: 840102

Ion Ratio Lower Upper

91 100

92 59.2 42.2 78.4



Abundance Ion 91.00 (90.70 to 91.70): VU038701.D (-2054) (-)

Ion 92.00 (91.70 to 92.70): VU038701.D (-2054) (-)

7.99

500000

400000

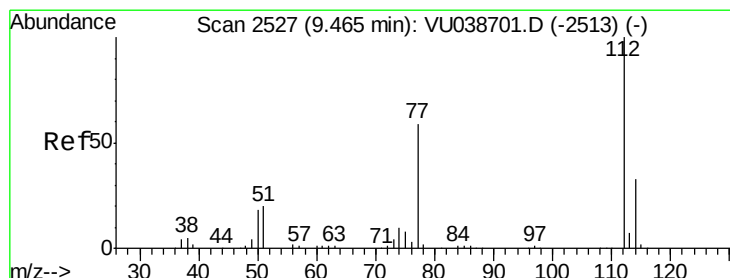
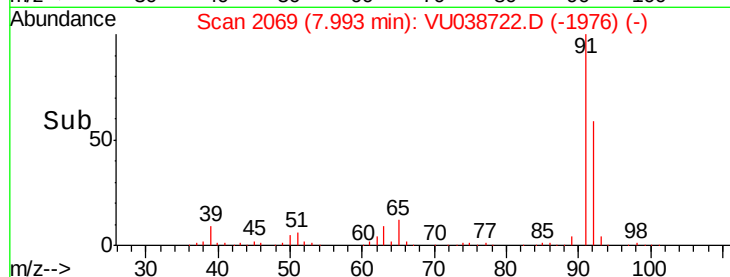
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 48.784 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038722.D

Acq: 09 Jun 2020 14:21

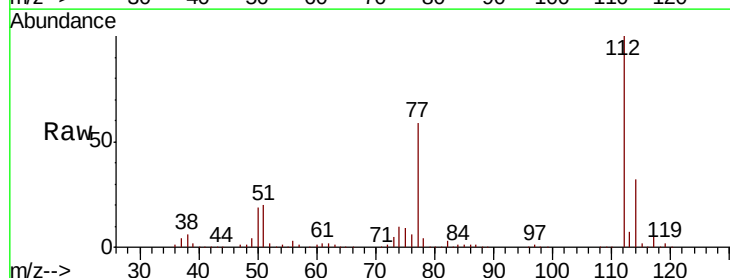
Tgt Ion: 112 Resp: 532295

Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 58.6 47.9 71.9



Abundance Ion 112.00 (111.70 to 112.70): VU038701.D (-2513) (-)

Ion 114.00 (113.70 to 114.70): VU038701.D (-2513) (-)

Ion 77.00 (76.70 to 77.70): VU038701.D (-2513) (-)

9.47

400000

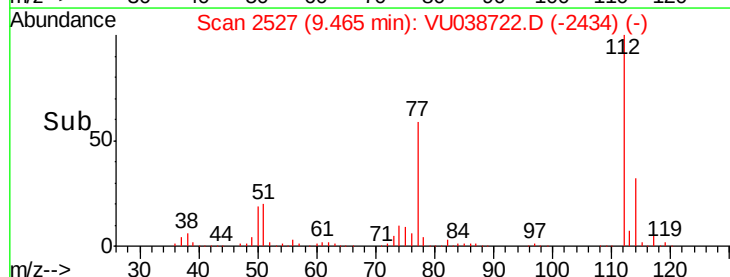
300000

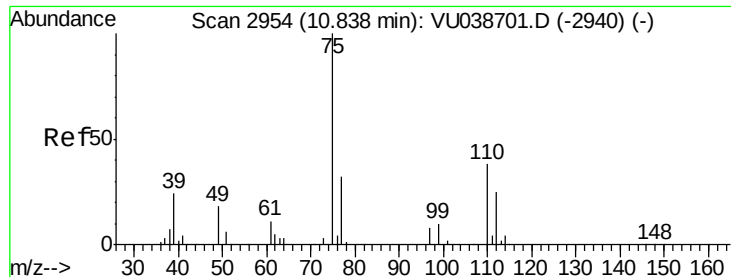
200000

100000

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.559 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038722.D

Acq: 09 Jun 2020 14:21

Instrument :

MSVOA_U

ClientSampleId :

EW0G9MSD

Tot Ion: 75 Resp: 32992

Ion Ratio Lower Upper

75 100

77 36.5 25.3 37.9

