

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038724.D
 Acq On : 09 Jun 2020 15:06
 Operator : SY/MD
 Sample : L2896-10DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9DL

Quant Time: Jun 10 00:36:53 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	604363	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	585173	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	275337	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	179363	53.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.24%
7) Chloroethane-d5	1.93	69	150229	57.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.70%
11) 1,1-Dichloroethene-d2	2.59	63	286604	38.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.90%
21) 2-Butanone-d5	4.66	46	353770	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	5.10	84	378547	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	260532	53.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.98%
32) Benzene-d6	5.76	84	776358	55.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.16%
36) 1,2-Dichloropropane-d6	6.72	67	240736	55.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.84%
41) Toluene-d8	7.92	98	683183	53.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.26%
43) trans-1,3-Dichloropropene-	8.20	79	114534	52.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.74%
47) 2-Hexanone-d5	8.65	63	261775	113.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.21%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	338230	52.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	269771	56.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.86%

Target Compounds

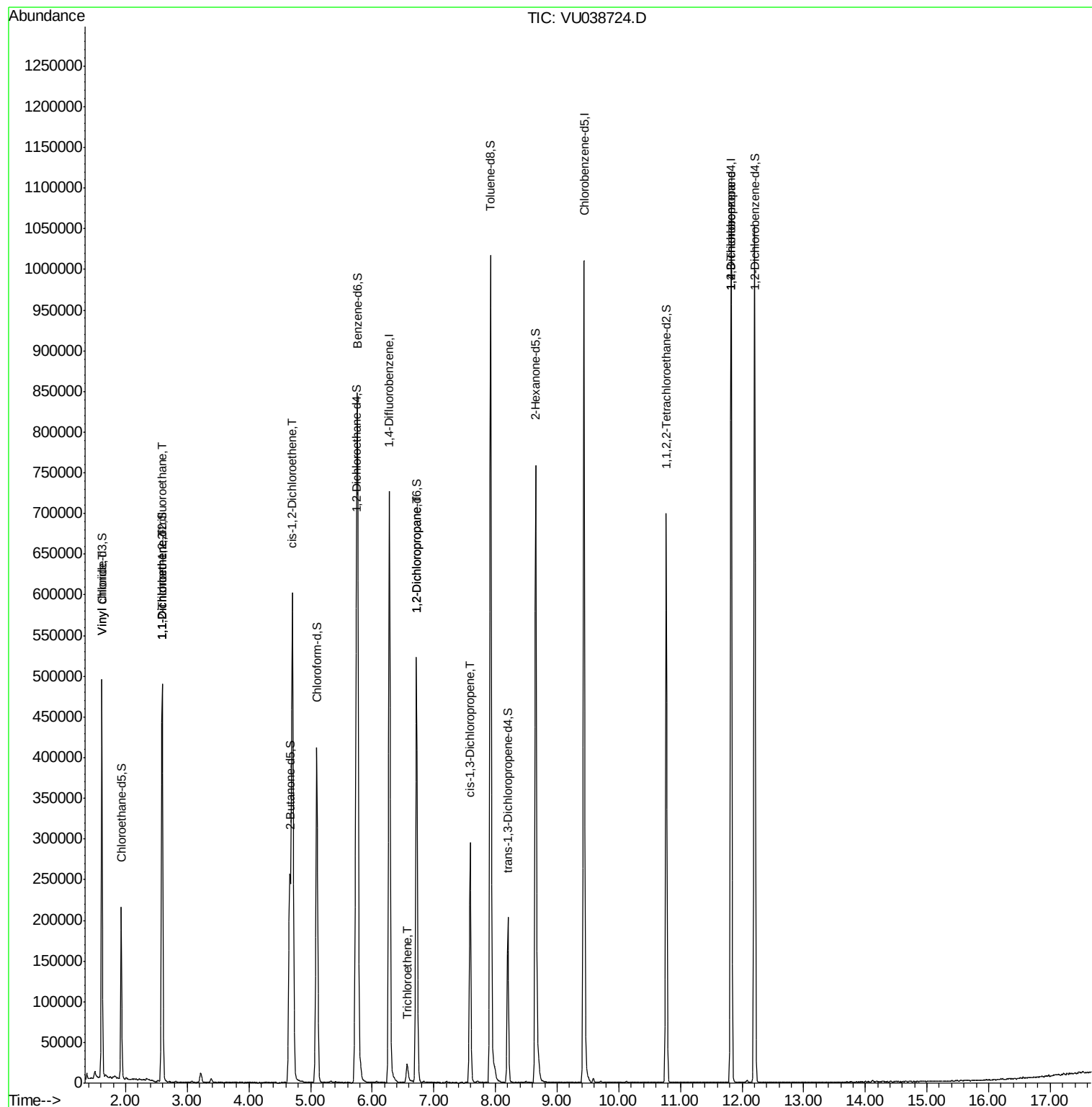
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	174020	35.990	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2819	0.726	ug/L #	21
12) 1,1-Dichloroethene	2.59	96	3005	0.786	ug/L #	1
20) cis-1,2-Dichloroethene	4.71	96	297681	64.330	ug/L	99
34) Trichloroethene	6.57	95	4517	1.022	ug/L	97
37) 1,2-Dichloropropane	6.72	63	27051	5.974	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	7322	1.048	ug/L #	66
59) 1,2,3-Trichloropropane	11.82	75	35178	5.541	ug/L	89

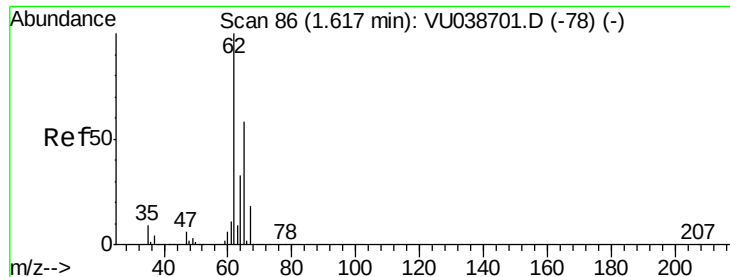
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 35.990 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU038724.D

Acq: 09 Jun 2020 15:06

Instrument :

MSVOA_U

ClientSampleID :

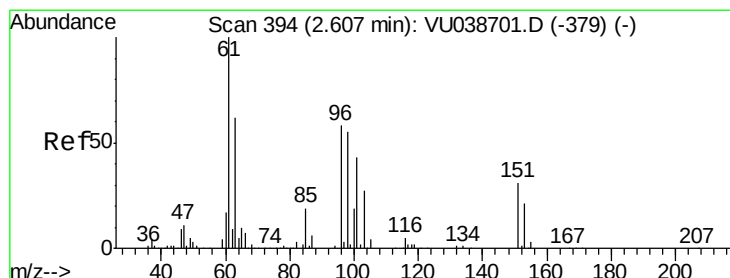
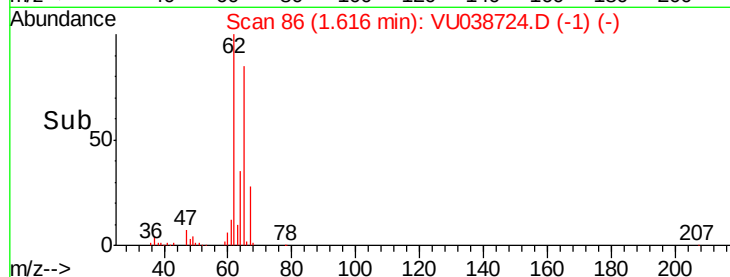
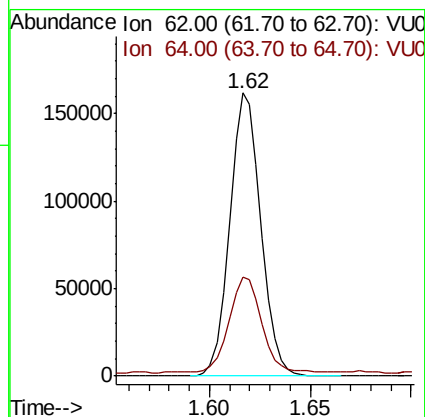
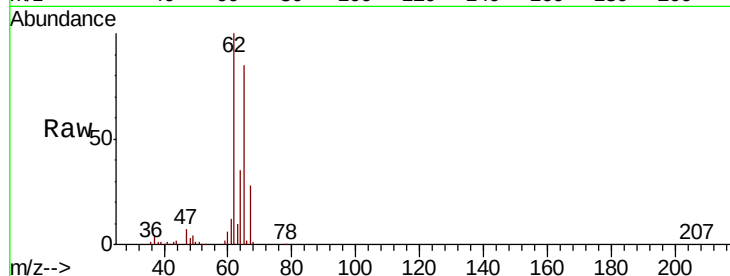
EW0H9DL

Tot Ion: 62 Resp: 174020

Ion Ratio Lower Upper

62 100

64 34.9 23.0 42.8



#10

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

Concen: 0.726 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038724.D

Acq: 09 Jun 2020 15:06

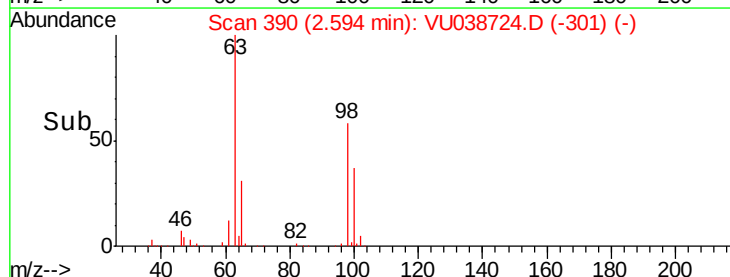
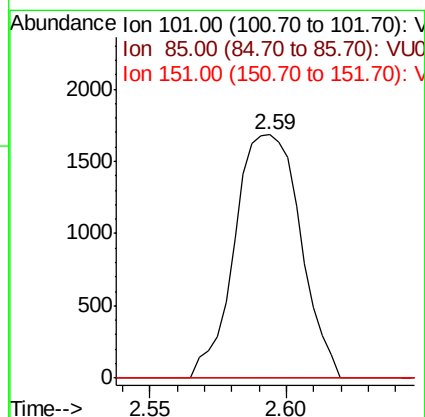
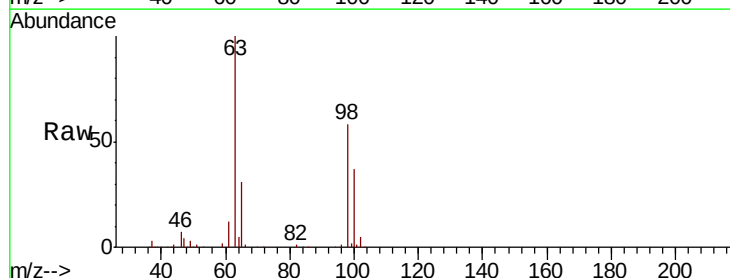
Tgt Ion:101 Resp: 2819

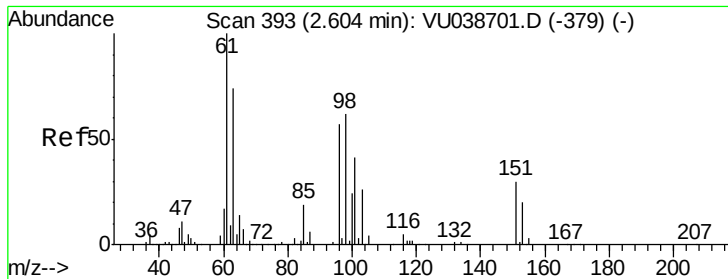
Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

151 0.0 57.4 86.0#

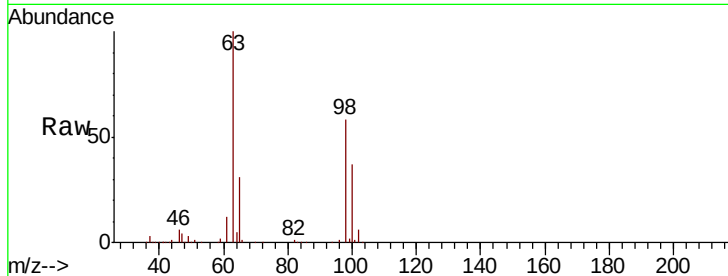




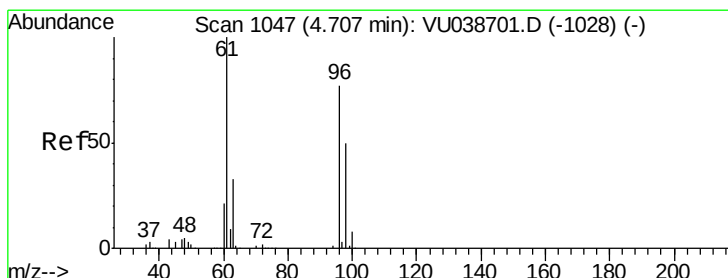
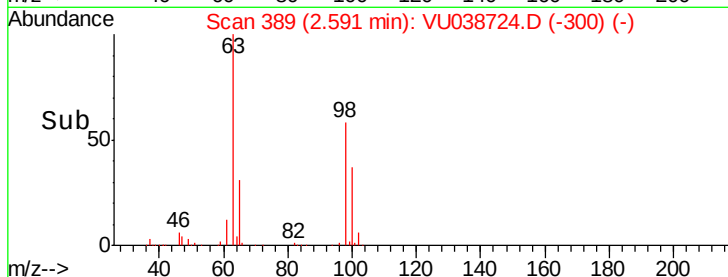
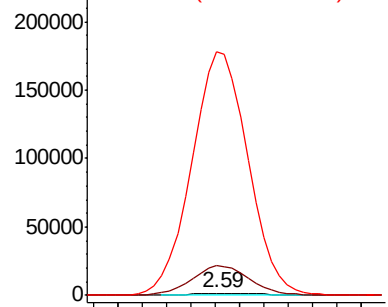
#12
 1,1-Dichloroethene
 Concen: 0.786 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9DL

Tot Ion: 96 Resp: 3005
 Ion Ratio Lower Upper
 96 100
 61 1343.3 120.0 223.0#
 63 11131.0 75.8 140.8#

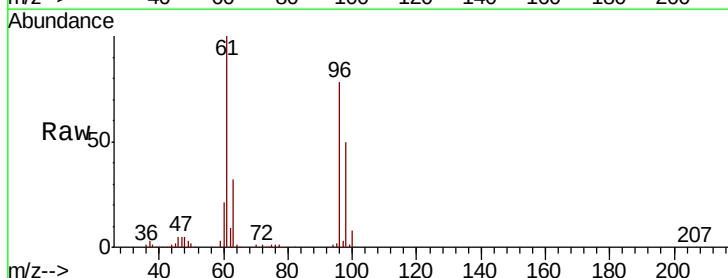


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

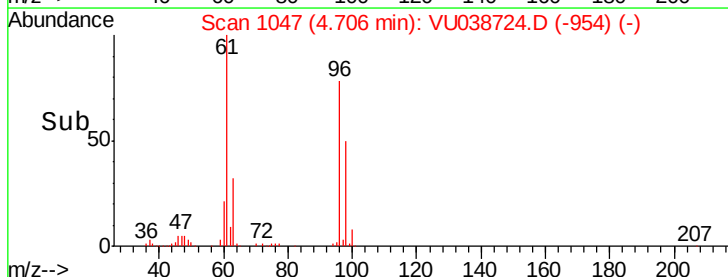
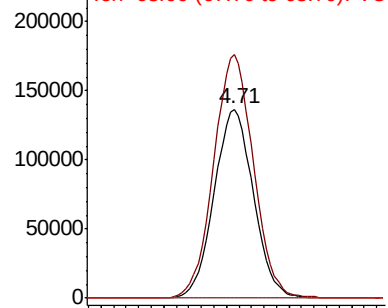


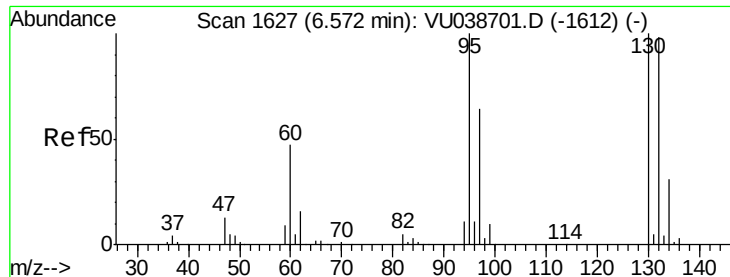
#20
 cis-1,2-Dichloroethene
 Concen: 64.330 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

Tgt Ion: 96 Resp: 297681
 Ion Ratio Lower Upper
 96 100
 61 129.0 89.5 166.1
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

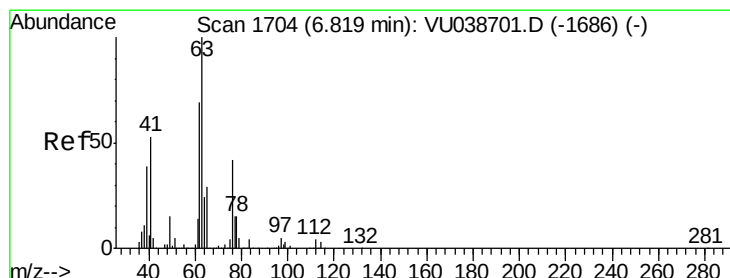
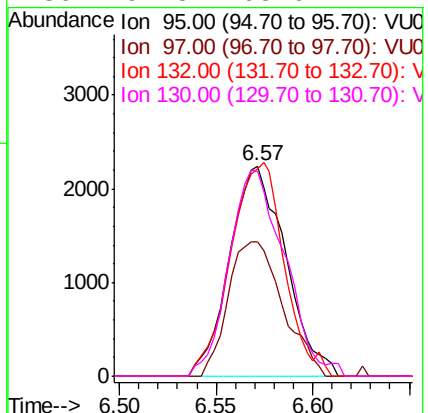
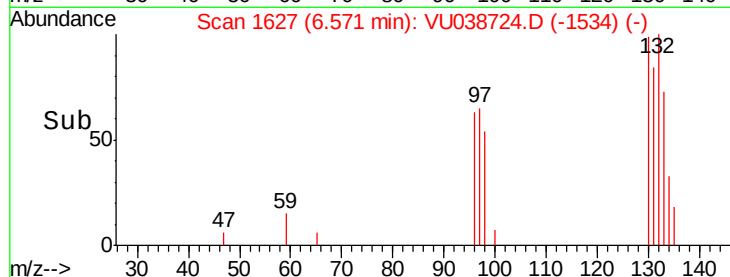
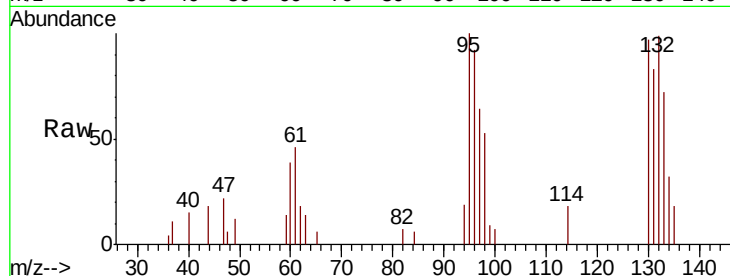




#34
 Trichloroethene
 Concen: 1.022 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

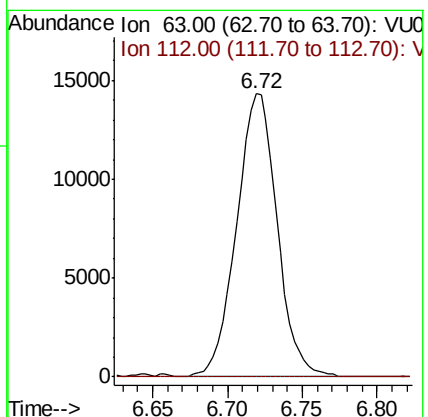
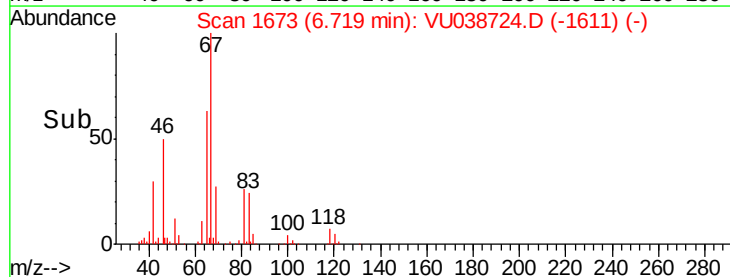
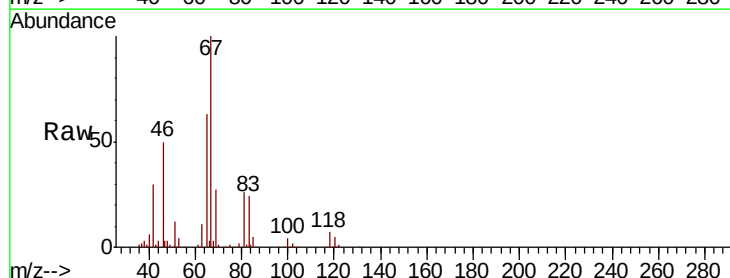
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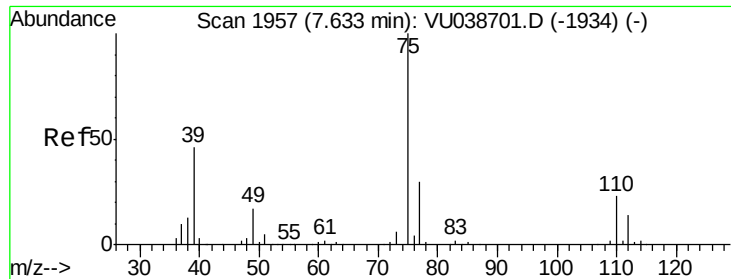
Tot Ion: 95 Resp: 4517
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.4 82.4
 132 98.5 64.9 120.5
 130 97.3 68.6 127.4



#37
 1,2-Dichloropropane
 Concen: 5.974 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

Tgt Ion: 63 Resp: 27051
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#

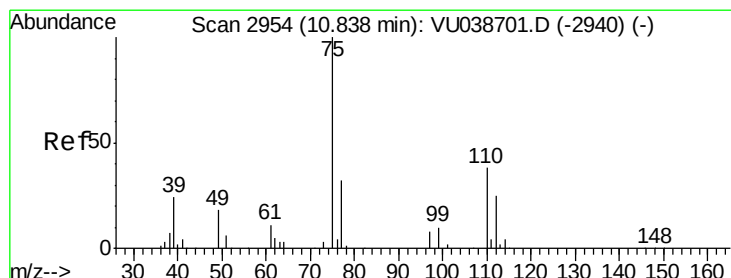
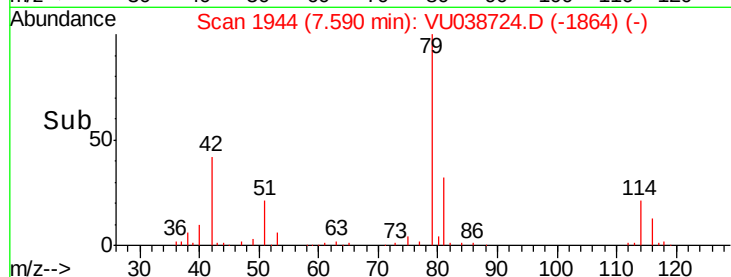
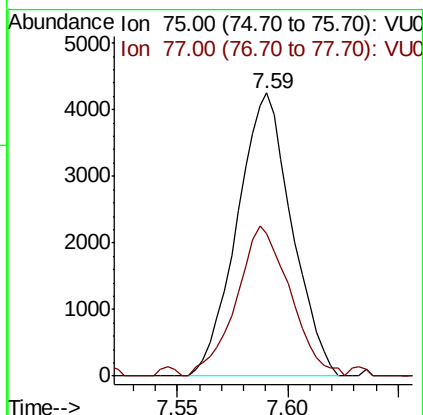
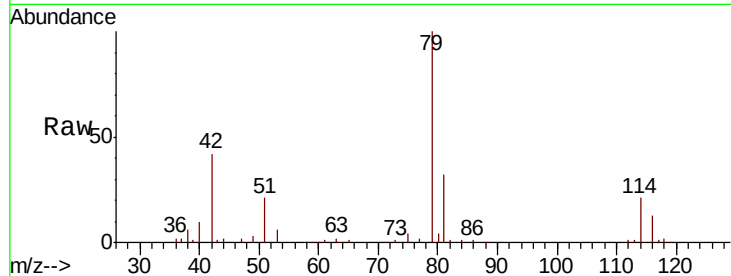




#39
 cis-1,3-Dichloropropene
 Concen: 1.048 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

Instrument :
 MSVOA_U
 ClientSampleID :
 EW0H9DL

Tot Ion: 75 Resp: 7322
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.541 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038724.D
 Acq: 09 Jun 2020 15:06

Tgt Ion: 75 Resp: 35178
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.3 37.9

