

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038733.D
 Acq On : 09 Jun 2020 19:30
 Operator : SY/MD
 Sample : L2897-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42

Quant Time: Jun 10 05:11:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	511037	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	491471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	233185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147088	51.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.04%
7) Chloroethane-d5	1.93	69	123127	55.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.18%
11) 1,1-Dichloroethene-d2	2.59	63	236444	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
21) 2-Butanone-d5	4.66	46	316429	113.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.92%
24) Chloroform-d	5.10	84	321327	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.74	65	221085	54.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.38%
32) Benzene-d6	5.76	84	652304	55.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.72	67	202195	55.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.84%
41) Toluene-d8	7.92	98	565758	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	8.20	79	98322	53.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.06%
47) 2-Hexanone-d5	8.65	63	235295	121.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.15%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	291547	53.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.14%
64) 1,2-Dichlorobenzene-d4	12.20	152	231343	57.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.28%

Target Compounds

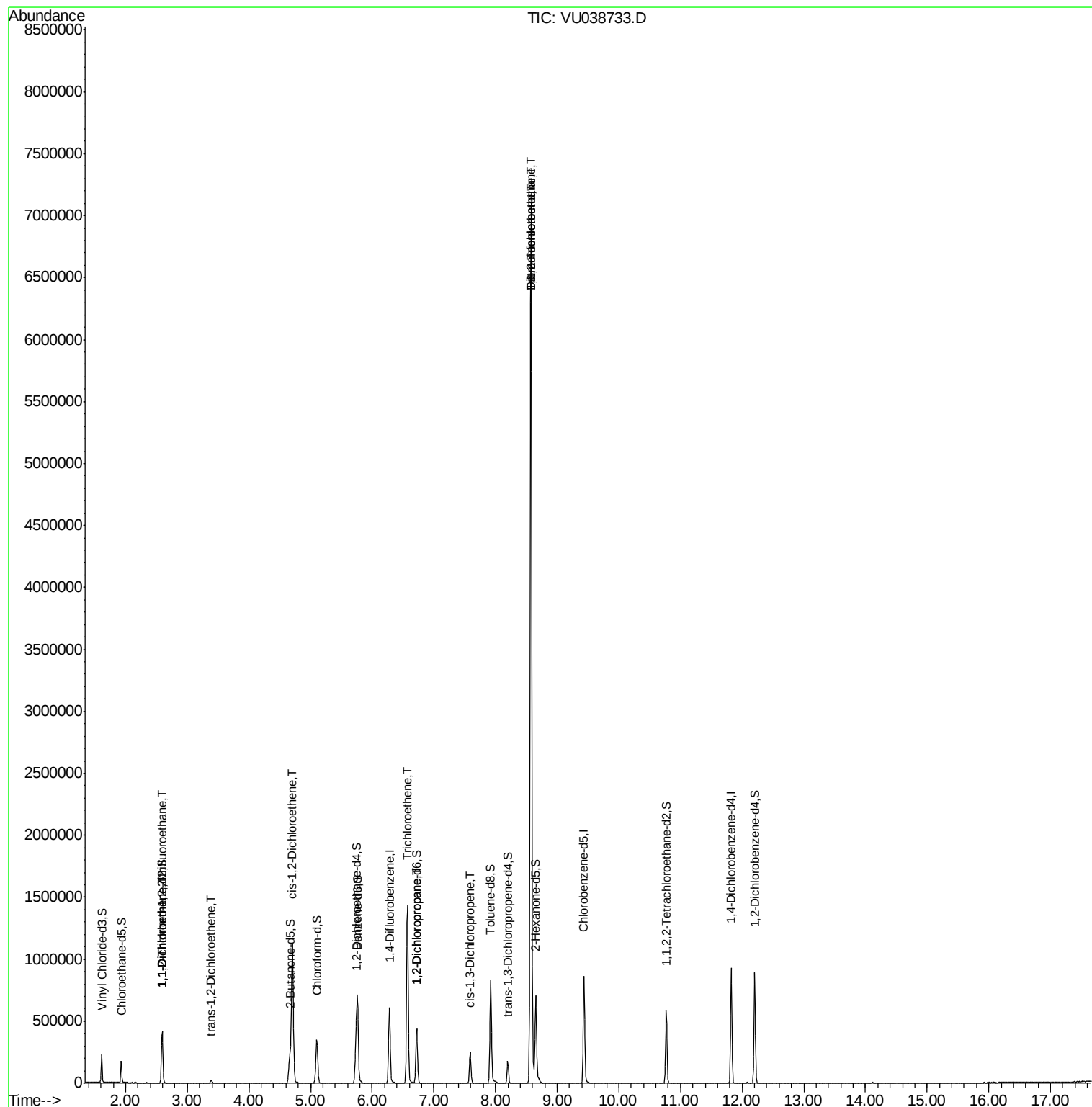
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2520	0.768 ug/L #	21
12) 1,1-Dichloroethene	2.60	96	4228	1.307 ug/L #	1
17) trans-1,2-Dichloroethene	3.39	96	9152	2.586 ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	578636	147.882 ug/L	99
34) Trichloroethene	6.57	95	485195	130.715 ug/L	98
37) 1,2-Dichloropropane	6.72	63	23362	6.143 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	5697	0.971 ug/L #	57
45) 1,1,2-Trichloroethane	8.57	97	14975	4.091 ug/L #	1
46) Tetrachloroethene	8.57	164	1597213	596.445 ug/L	99
49) Dibromochloromethane	8.57	129	1551933	412.823 ug/L #	9

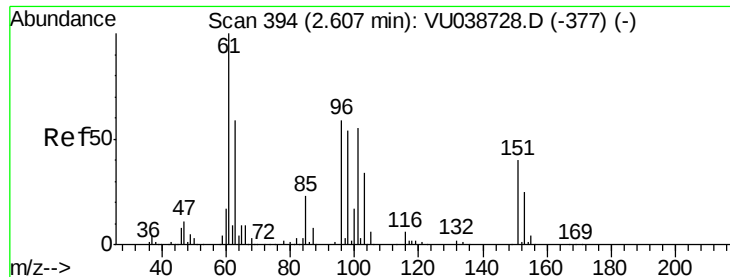
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 05:11:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 05:09:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.768 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038733.D

Acq: 09 Jun 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

ETW42

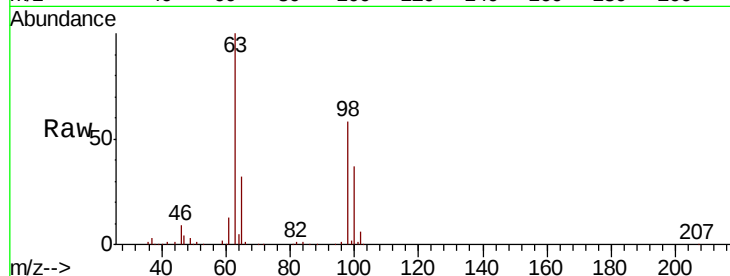
Tot Ion:101 Resp: 2520

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

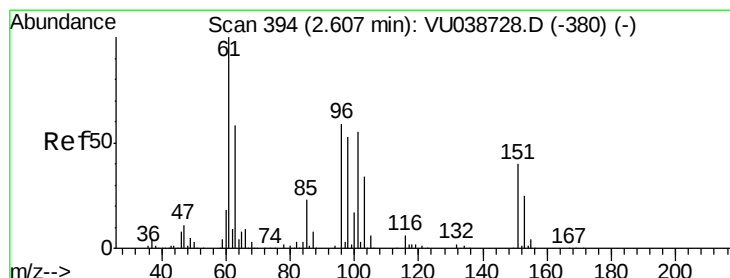
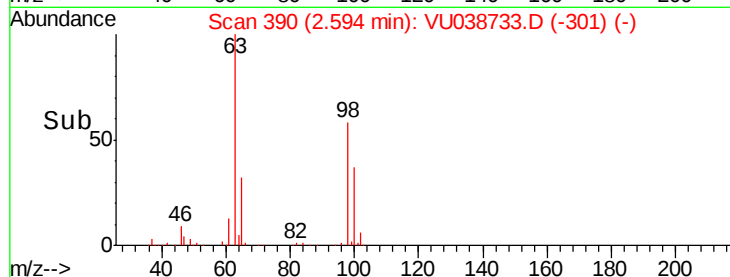
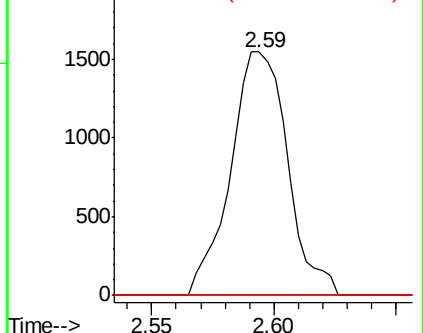
151 0.0 57.4 86.0#



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: 1.307 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038733.D

Acq: 09 Jun 2020 19:30

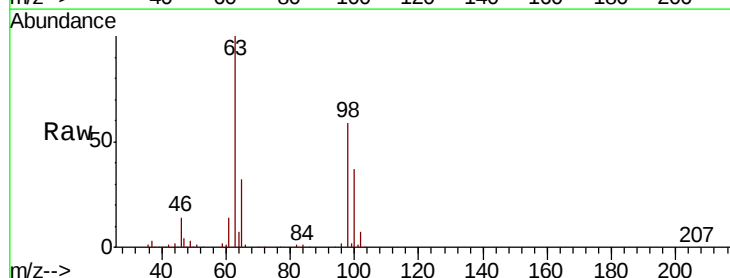
Tgt Ion: 96 Resp: 4228

Ion Ratio Lower Upper

96 100

61 772.5 120.0 223.0#

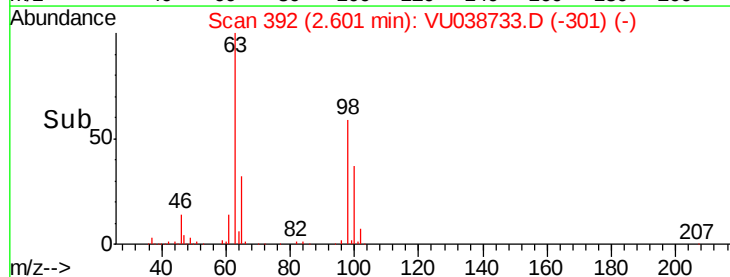
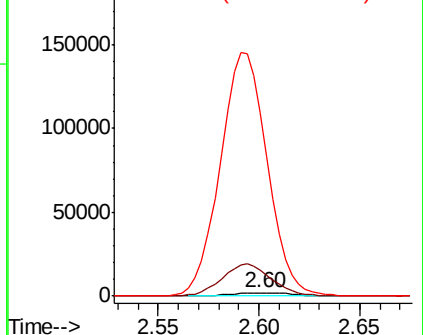
63 5428.7 75.8 140.8#

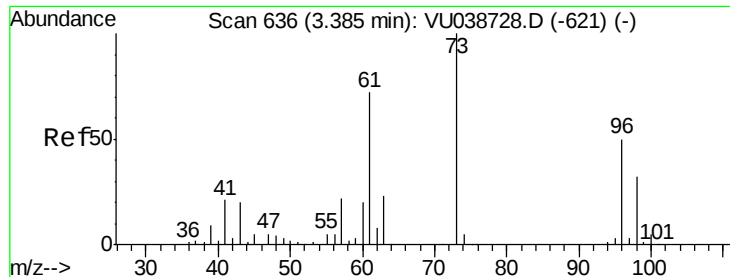


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

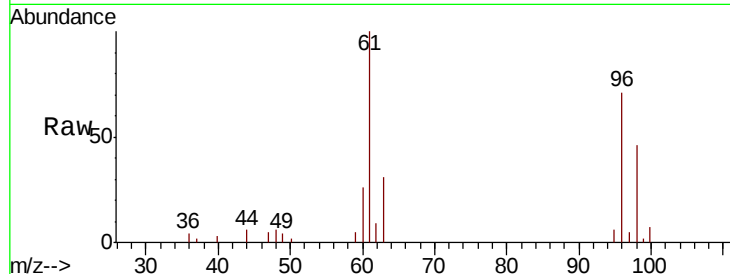




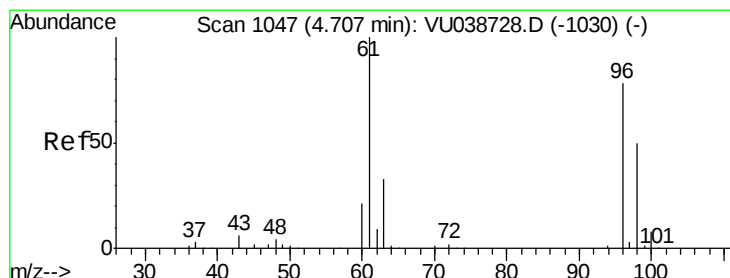
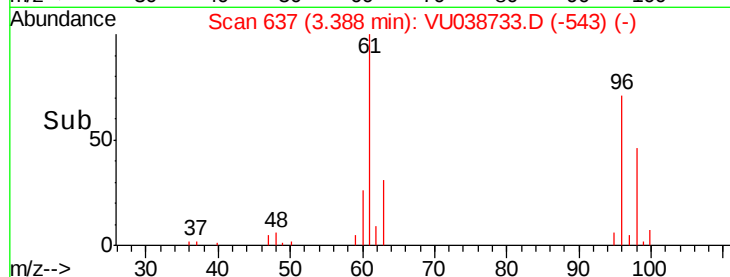
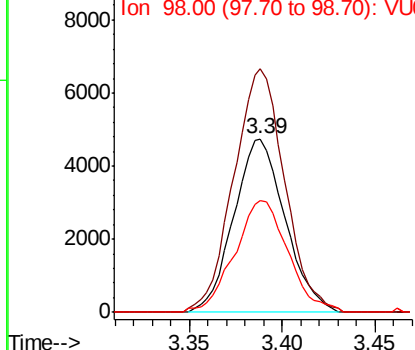
#17
trans-1,2-Dichloroethene
Concen: 2.586 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU038733.D
Acq: 09 Jun 2020 19:30

Instrument :
MSVOA_U
ClientSampleId :
ETW42

Tot Ion: 96 Resp: 9152
Ion Ratio Lower Upper
96 100
61 140.2 98.2 182.4
98 64.6 44.3 82.3

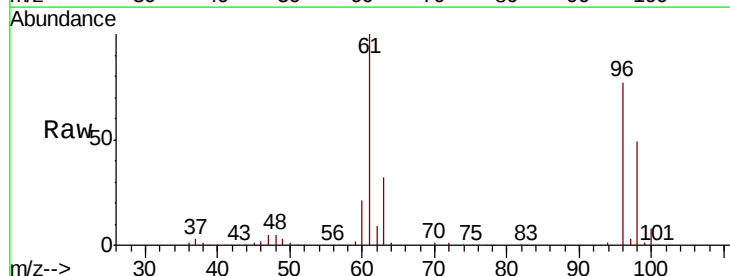


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

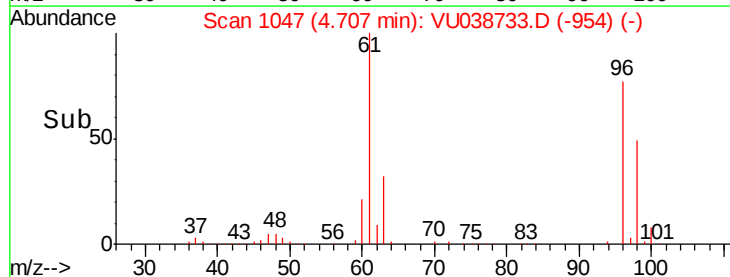
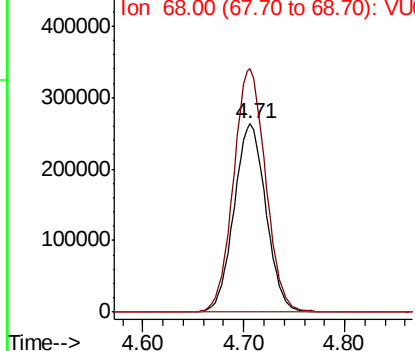


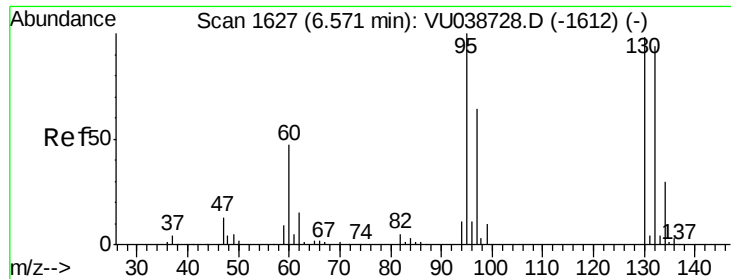
#20
cis-1,2-Dichloroethene
Concen: 147.882 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. 0.00 min
Lab File: VU038733.D
Acq: 09 Jun 2020 19:30

Tgt Ion: 96 Resp: 578636
Ion Ratio Lower Upper
96 100
61 129.3 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

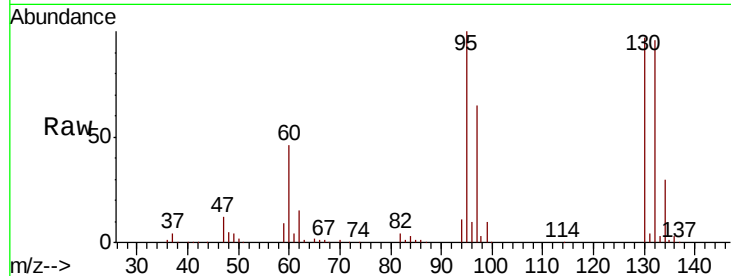




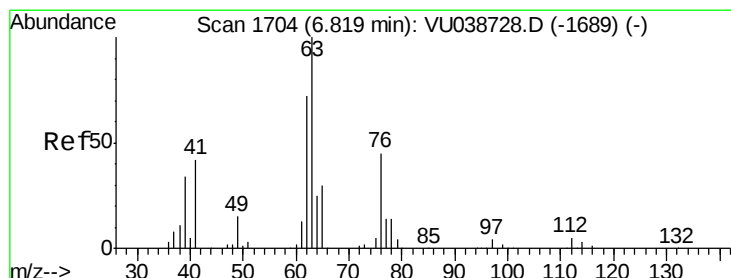
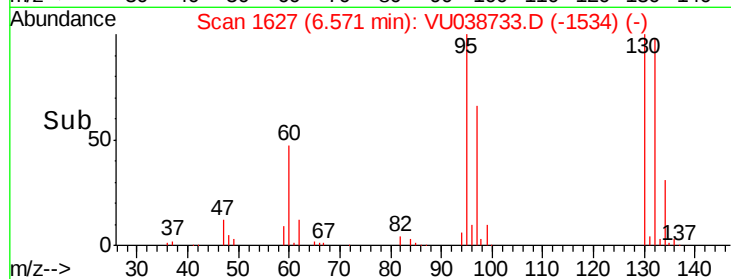
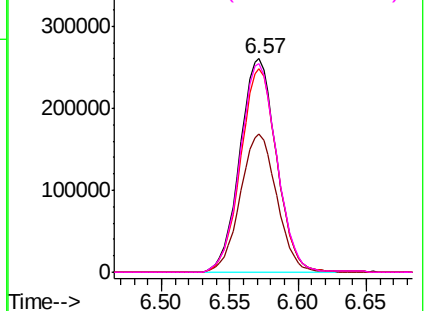
#34
 Trichloroethene
 Concen: 130.715 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42

Tot Ion: 95 Resp: 485195
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.4 82.4
 132 95.6 64.9 120.5
 130 97.5 68.6 127.4

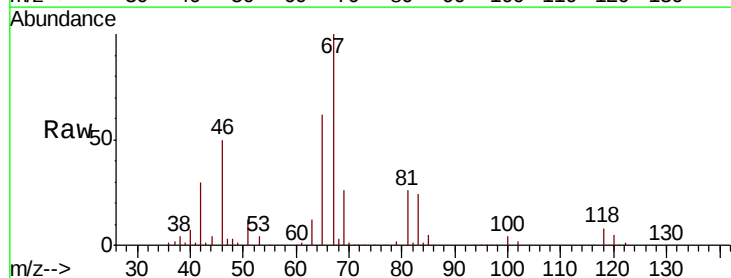


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

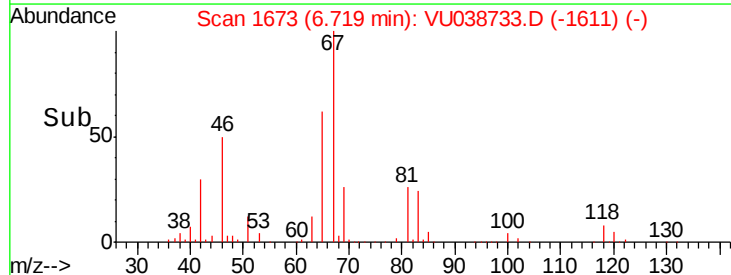
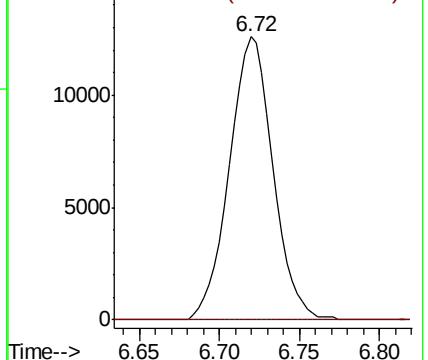


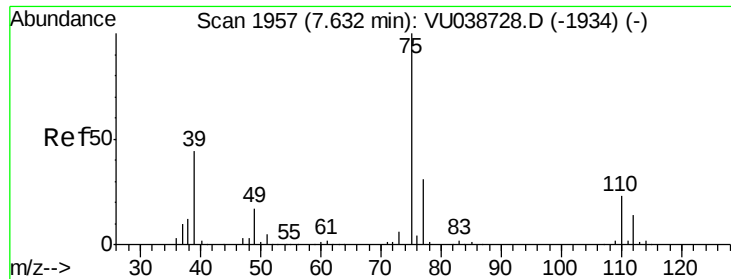
#37
 1,2-Dichloropropane
 Concen: 6.143 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

Tgt Ion: 63 Resp: 23362
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V

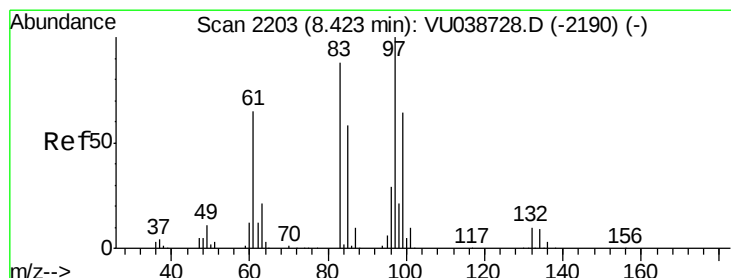
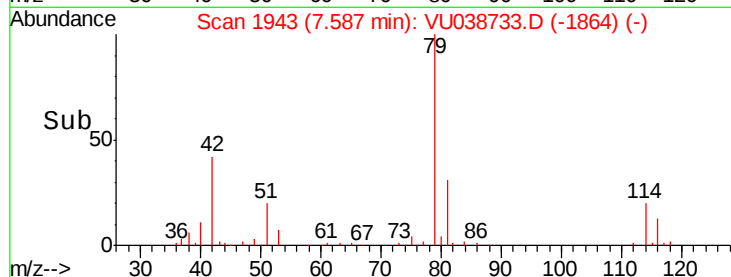
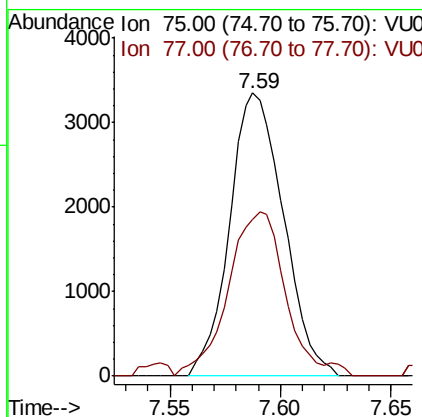
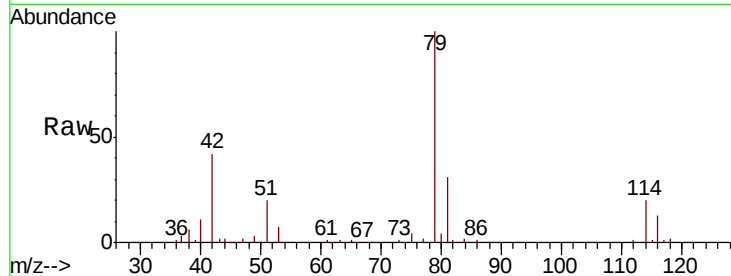




#39
 cis-1,3-Dichloropropene
 Concen: 0.971 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

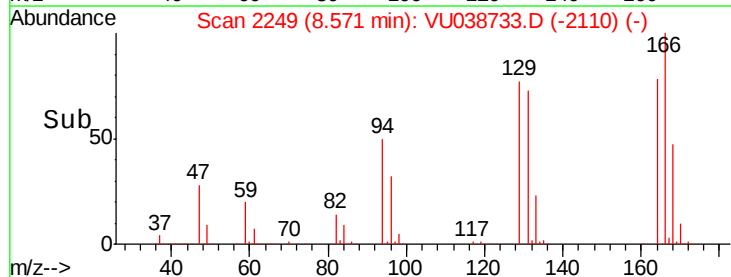
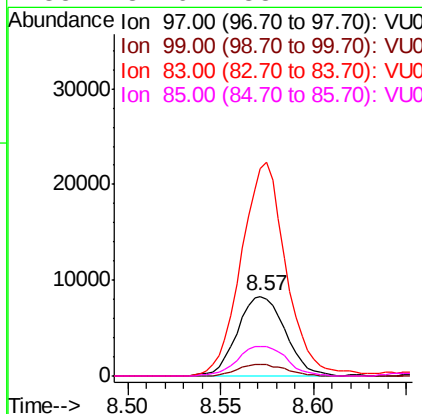
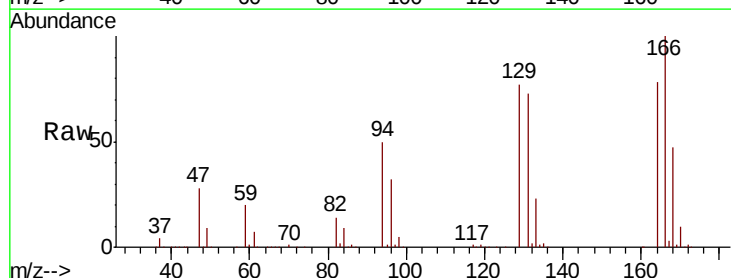
Instrument :
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 ClientSampleId :
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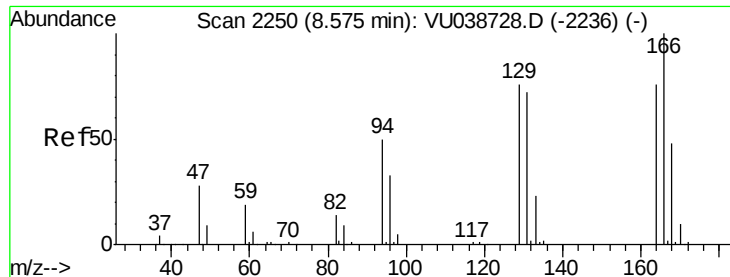
Tot Ion: 75 Resp: 5697
 Ion Ratio Lower Upper
 75 100
 77 55.5 22.2 41.2#



#45
 1,1,2-Trichloroethane
 Concen: 4.091 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. 0.15 min
 Lab File: VU038733.D
 Acq: 09 Jun 2020 19:30

Tgt Ion: 97 Resp: 14975
 Ion Ratio Lower Upper
 97 100
 99 15.2 43.6 81.0#
 83 261.0 60.0 111.4#
 85 37.6 38.4 71.2#





#46

Tetrachloroethene

Concen: 596.445 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038733.D

Acq: 09 Jun 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

ETW42

Tot Ion:164 Resp: 1597213

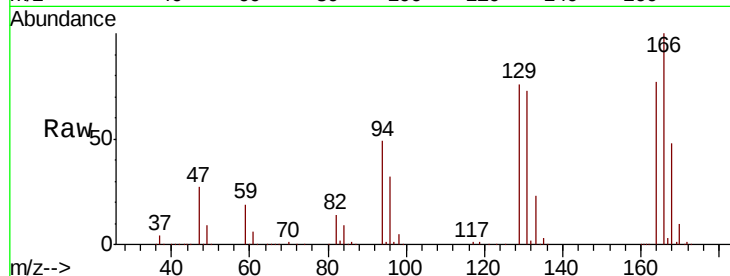
Ion Ratio Lower Upper

164 100

129 98.1 67.2 124.8

131 94.6 65.5 121.6

166 129.1 90.4 168.0

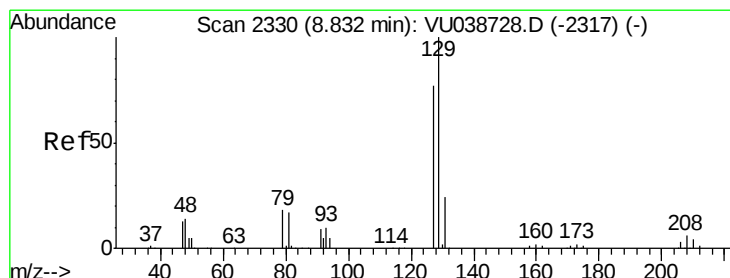
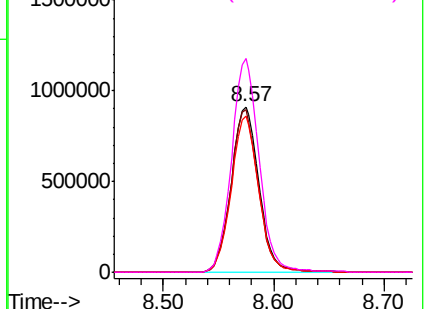
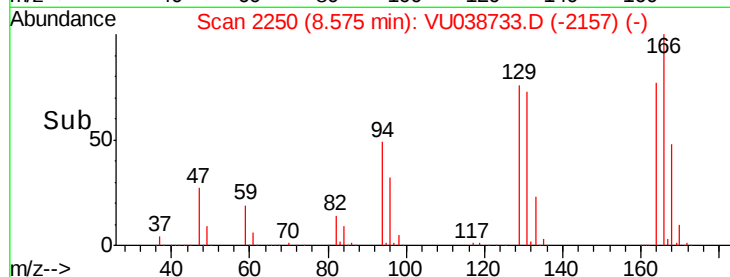


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 412.823 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.26 min

Lab File: VU038733.D

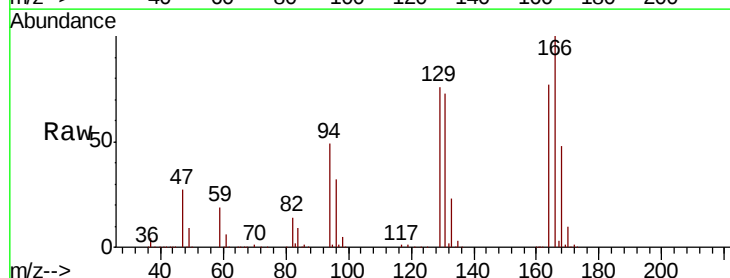
Acq: 09 Jun 2020 19:30

Tgt Ion:129 Resp: 1551933

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

