

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037966.D
 Acq On : 30 Apr 2020 22:11
 Operator : JC/MD
 Sample : L2410-13RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 01 06:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 06:13:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	711617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	696285	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314924	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	275756	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.93	69	234021	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.92%
11) 1,1-Dichloroethene-d2	2.59	63	344309	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.26%
21) 2-Butanone-d5	4.66	46	455837	93.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.18%
24) Chloroform-d	5.10	84	438676	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.74	65	309336	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
32) Benzene-d6	5.76	84	957383	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
36) 1,2-Dichloropropane-d6	6.72	67	315703	46.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.78%
41) Toluene-d8	7.92	98	863536	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	8.20	79	137662	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.65	63	282955	95.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	434705	44.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.66%
64) 1,2-Dichlorobenzene-d4	12.20	152	302823	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%

Target Compounds

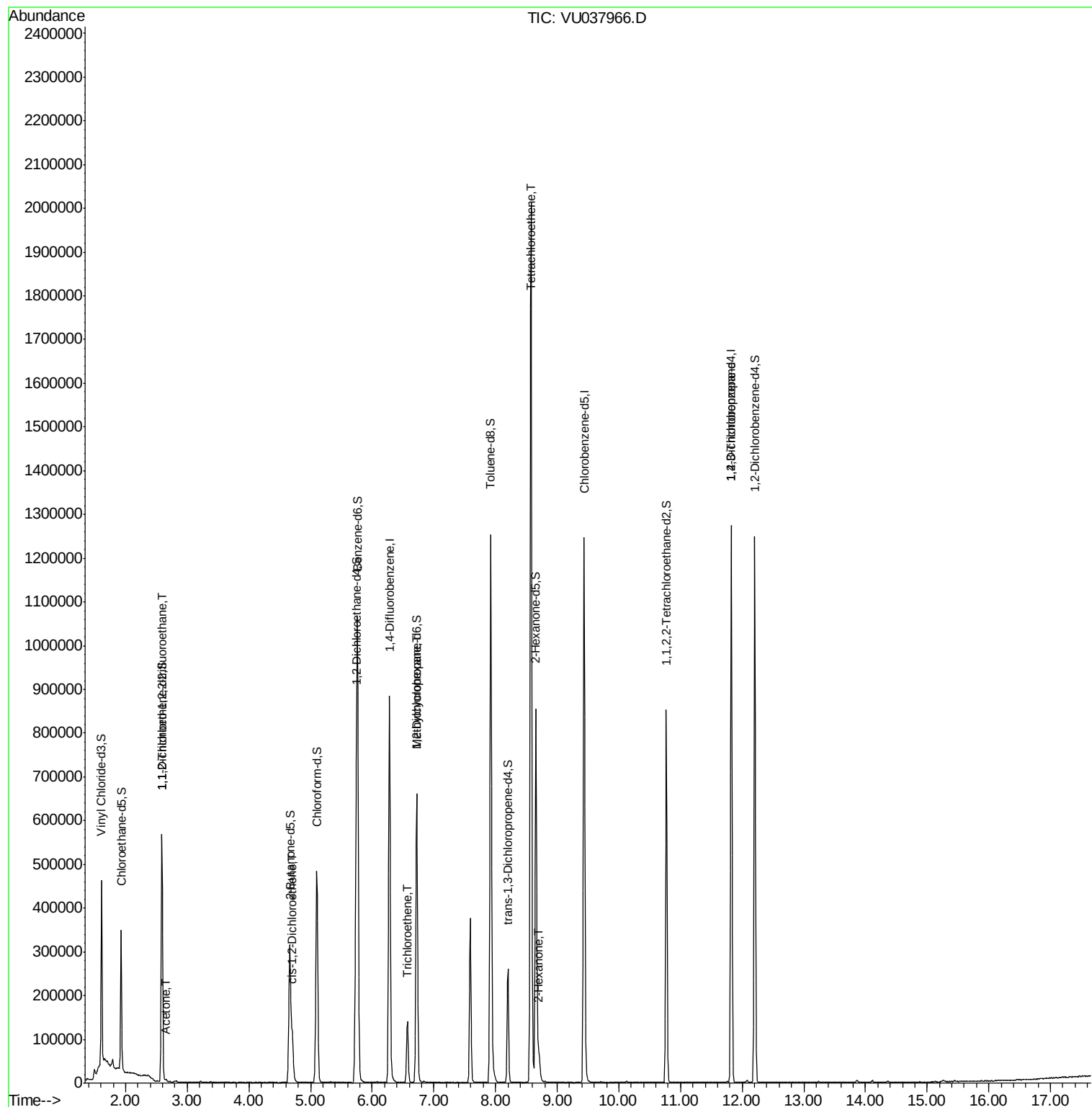
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3299	0.724	ug/L #	23
13) Acetone	2.65	43	6887	2.186	ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	46093	8.284	ug/L	98
34) Trichloroethene	6.57	95	46116	8.737	ug/L	96
35) Methylcyclohexane	6.72	83	69845	7.878	ug/L #	18
46) Tetrachloroethene	8.57	164	441339	114.526	ug/L	98
48) 2-Hexanone	8.71	43	27372	3.523	ug/L #	88
59) 1,2,3-Trichloropropane	11.82	75	43858	5.435	ug/L	93

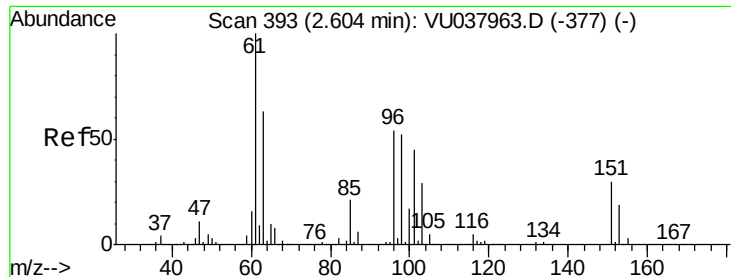
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043020\
Data File : VU037966.D
Acq On : 30 Apr 2020 22:11
Operator : JC/MD
Sample : L2410-13RE
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 01 06:15:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 01 06:13:06 2020
Response via : Initial Calibration





#10

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

Concen: 0.724 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037966.D

Acq: 30 Apr 2020 22:11

Instrument :

MSVOA_U

ClientSampleId :

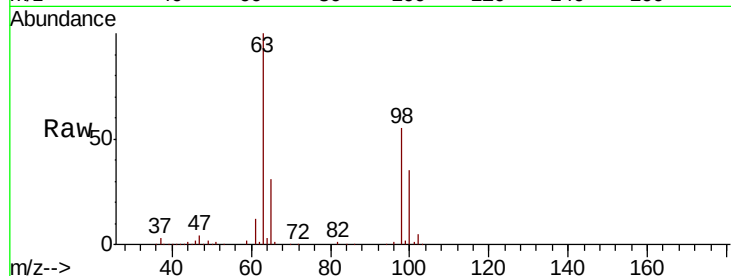
Tot Ion:101 Resp: 3299

Ion Ratio Lower Upper

101 100

85 0.0 34.7 52.1#

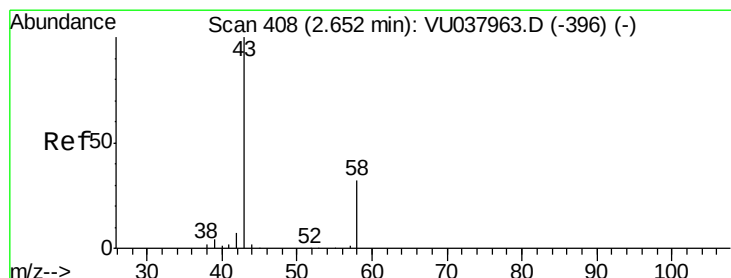
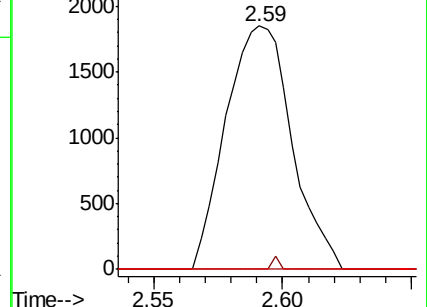
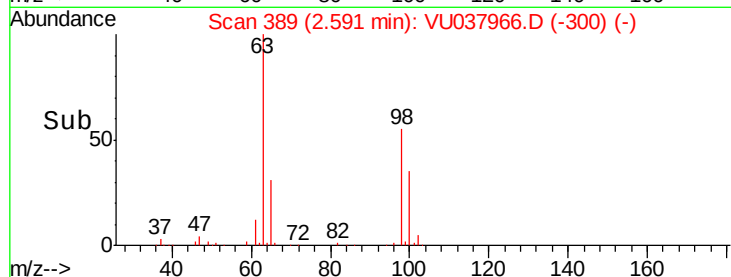
151 0.0 53.4 80.2#



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



#13

Acetone

Concen: 2.186 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037966.D

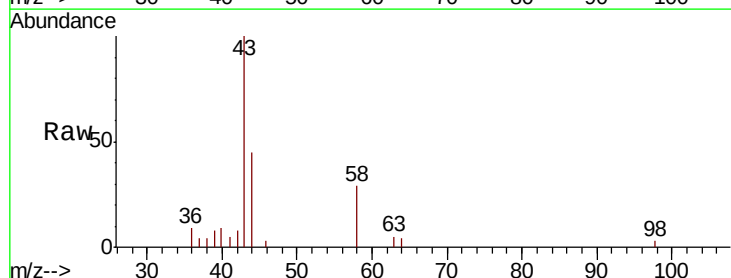
Acq: 30 Apr 2020 22:11

Tgt Ion: 43 Resp: 6887

Ion Ratio Lower Upper

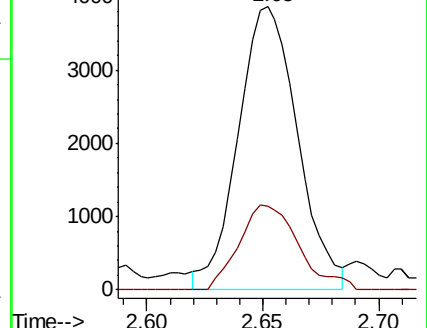
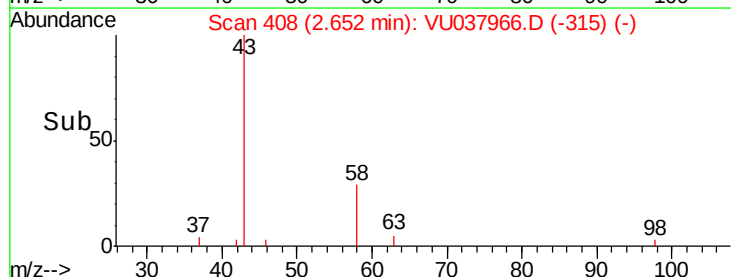
43 100

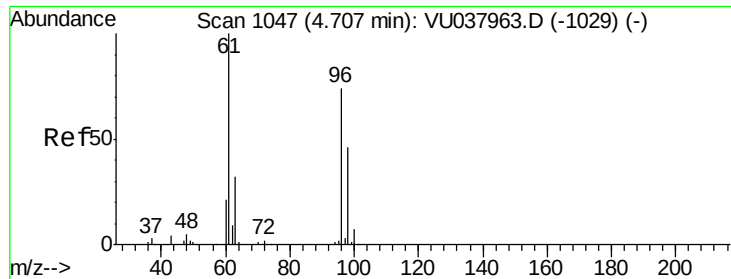
58 30.0 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 8.284 ug/L

RT: 4.71 min Scan# 1047

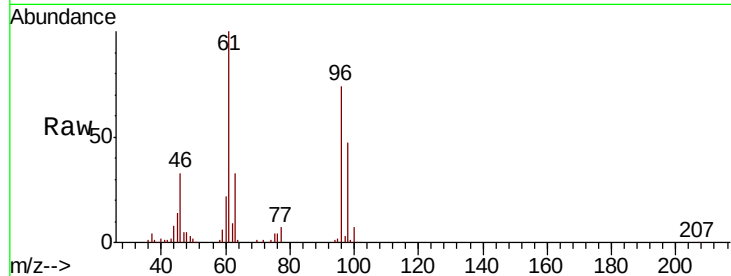
Delta R.T. -0.00 min

Lab File: VU037966.D

Acq: 30 Apr 2020 22:11

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	46093
Ion	Ratio	Lower	Upper
96	100		
61	136.0	93.9	174.3
68	0.0	0.0	0.0

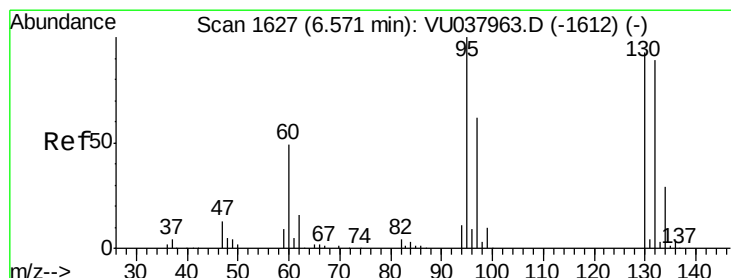
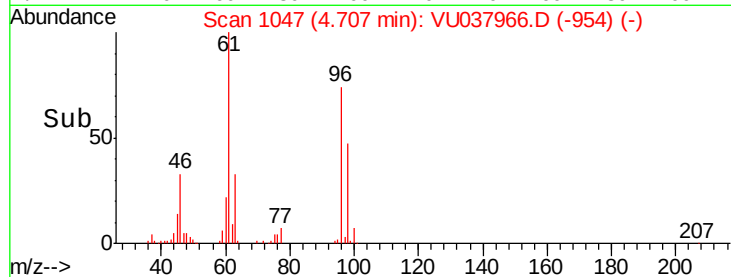
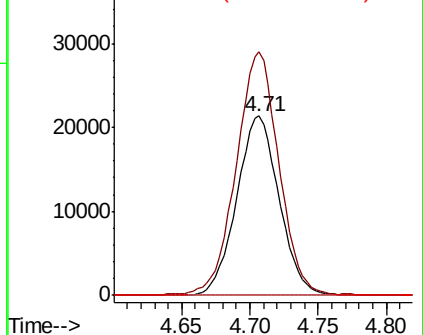


Abundance

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: 8.737 ug/L

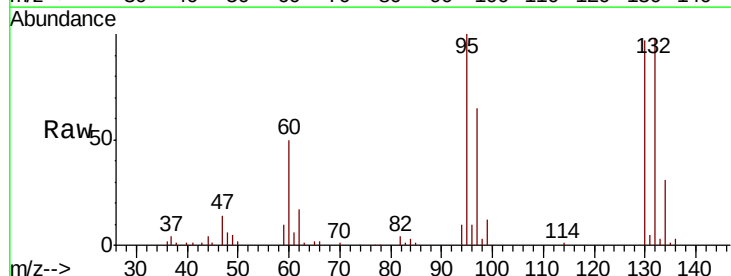
RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU037966.D

Acq: 30 Apr 2020 22:11

Tgt Ion:	95	Resp:	46116
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.5
132	97.6	63.2	117.4
130	97.1	65.9	122.3



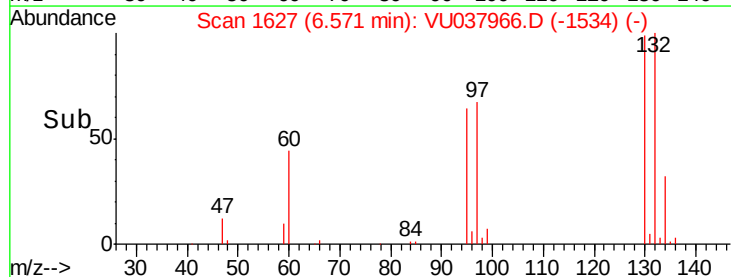
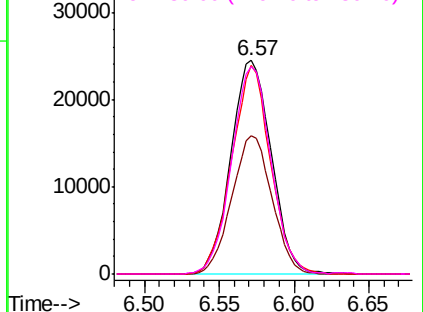
Abundance

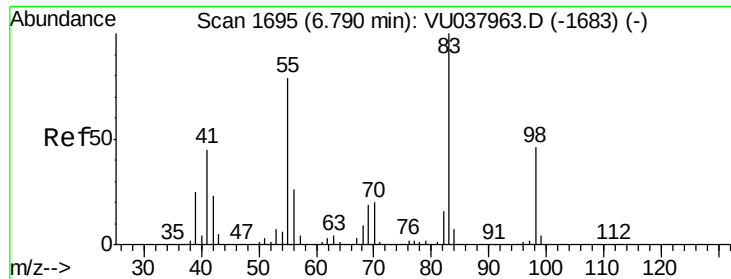
Ion 95.00 (94.70 to 95.70): VU0

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

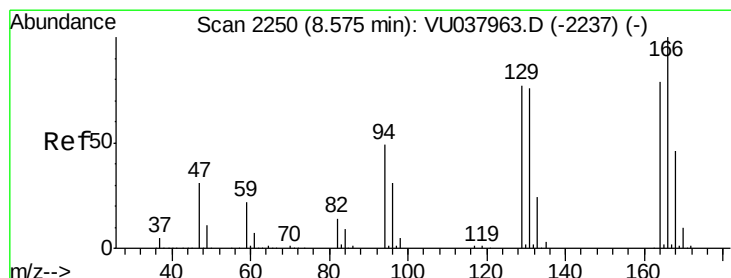
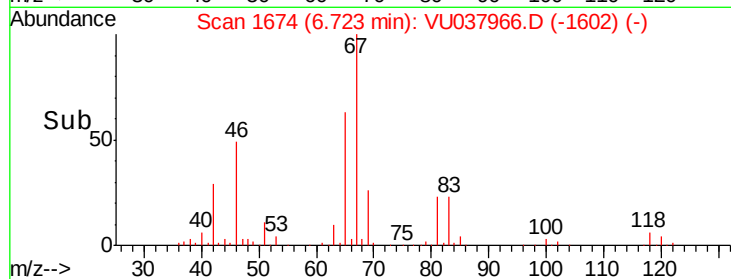
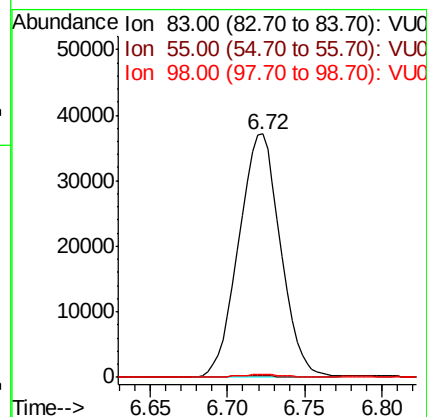
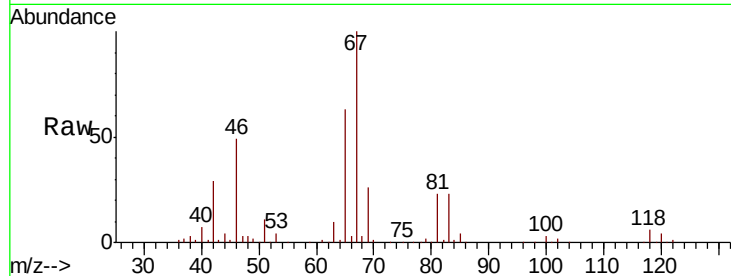




#35
 Methylvlcyclohexane
 Concen: 7.878 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037966.D
 Acq: 30 Apr 2020 22:11

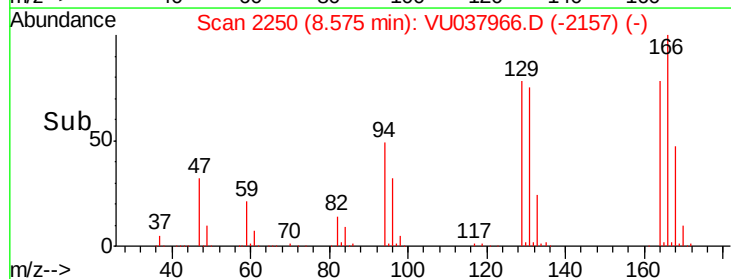
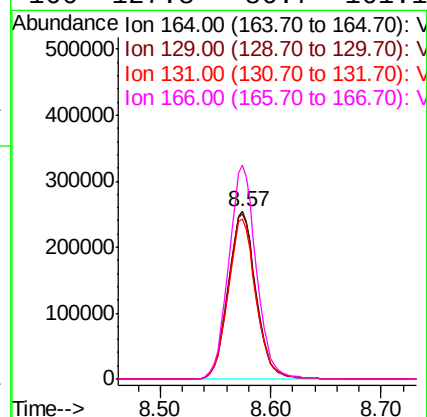
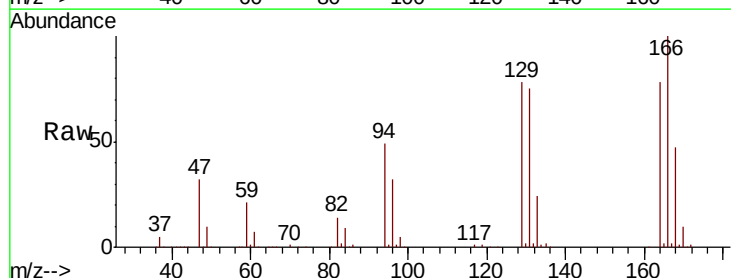
Instrument :
 MSVOA_U
 ClientSampled :

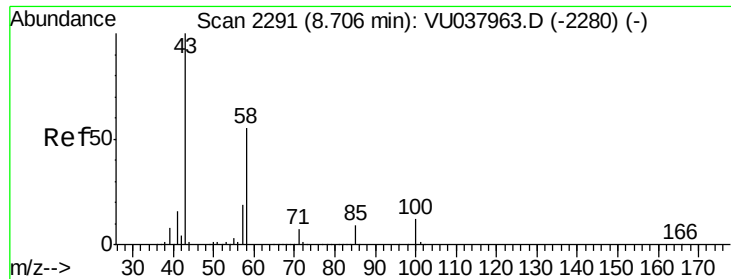
Tot Ion	83	Resp	69845
Ion Ratio	Lower	Upper	
83	100		
55	0.5	64.2	96.4#
98	1.4	38.1	57.1#



#46
 Tetrachloroethene
 Concen: 114.526 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037966.D
 Acq: 30 Apr 2020 22:11

Tgt Ion	164	Resp	441339
Ion Ratio	Lower	Upper	
164	100		
129	99.1	68.4	127.0
131	95.8	65.7	122.1
166	127.8	86.7	161.1

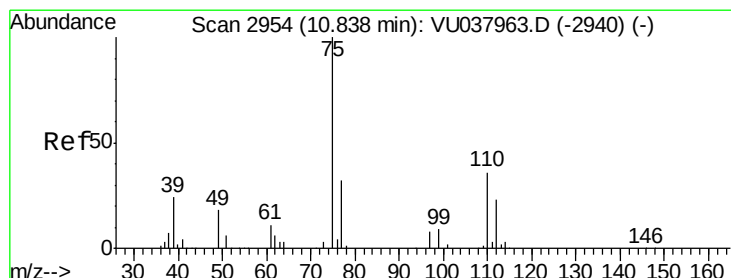
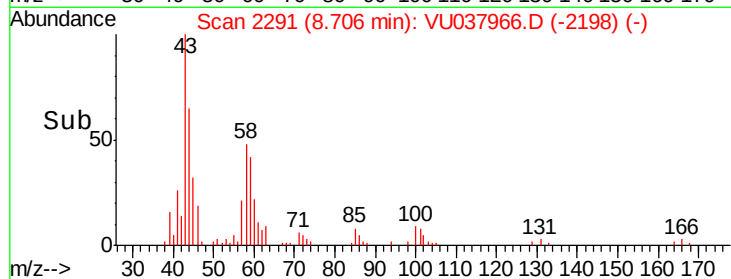
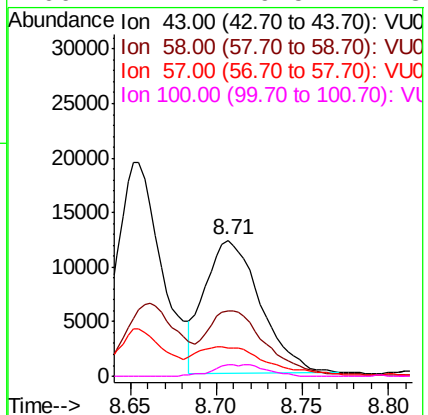
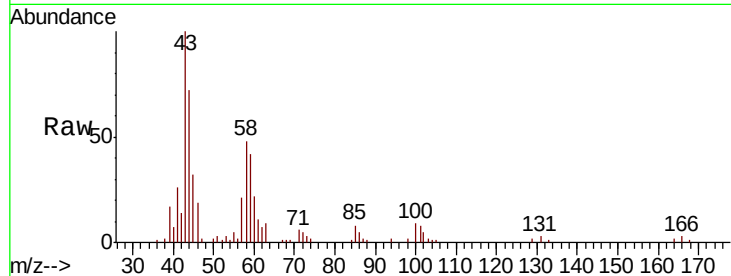




#48
 2-Hexanone
 Concen: 3.523 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU037966.D
 Acq: 30 Apr 2020 22:11

Instrument :
 MSVOA_U
 ClientSampleID :

Tot Ion: 43 Resp: 27372
 Ion Ratio Lower Upper
 43 100
 58 49.6 46.4 69.6
 57 24.6 16.4 24.6
 100 4.4 9.5 14.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.435 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU037966.D
 Acq: 30 Apr 2020 22:11

Tgt Ion: 75 Resp: 43858
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.4 38.2

