

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
 Data File : VU037028.D
 Acq On : 03 Mar 2020 16:55
 Operator : JC/MD
 Sample : L1746-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AY6

Quant Time: Mar 04 08:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 04 06:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258673	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	249020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	89120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	96984	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.30%
7) Chloroethane-d5	1.93	69	92070	51.22	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.59	63	126760	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	4.67	46	148574	101.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	5.11	84	163739	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.74	65	112263	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.02%
32) Benzene-d6	5.76	84	353986	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.32%
36) 1,2-Dichloropropane-d6	6.72	67	117359	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	7.93	98	314944	47.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.28%
43) trans-1,3-Dichloropropene-	8.20	79	47341	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.66	63	98316	86.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.19%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	160618	48.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.66%
64) 1,2-Dichlorobenzene-d4	12.21	152	93249	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

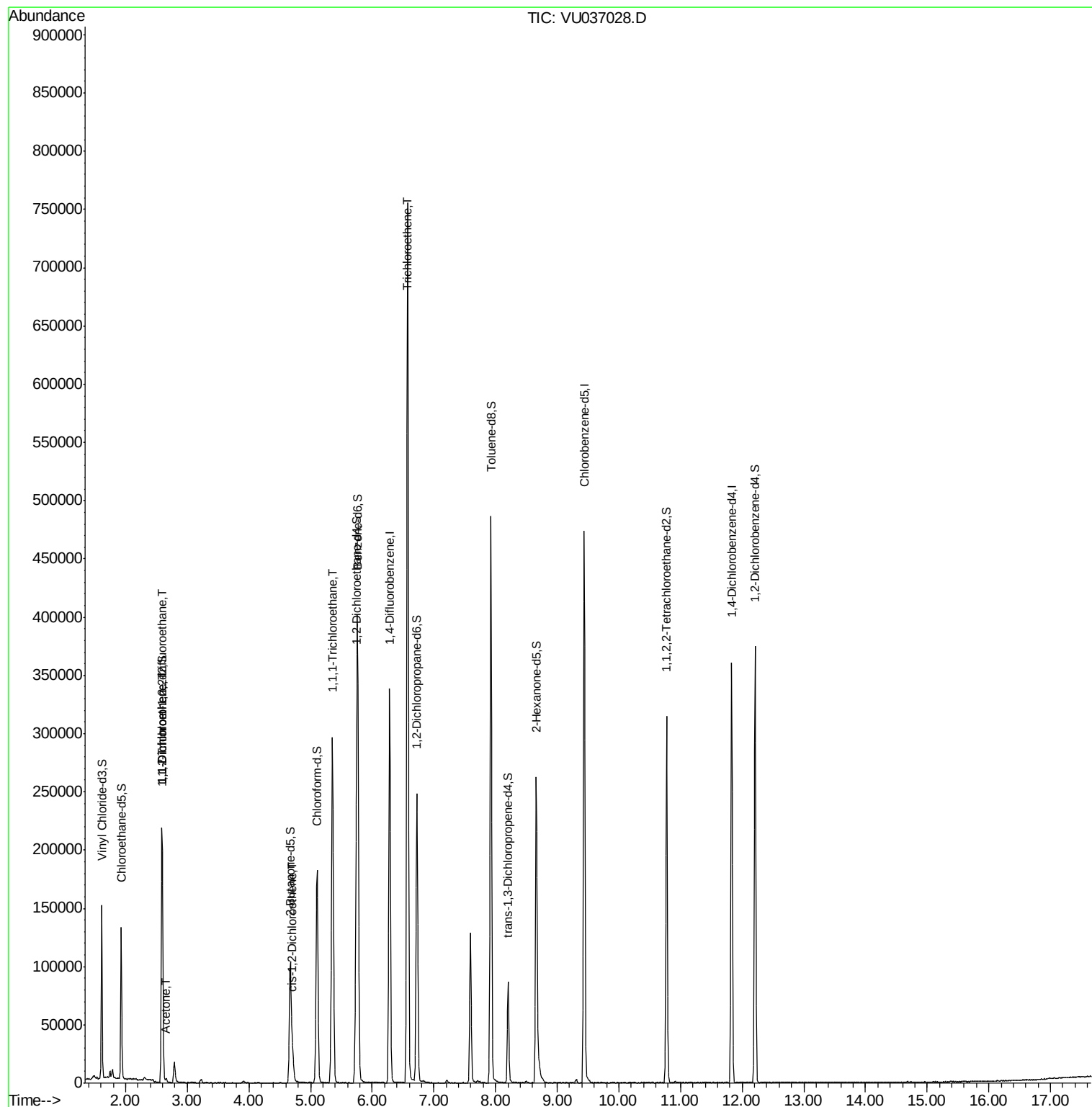
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5071	3.070 ug/L	89
12) 1,1-Dichloroethene	2.60	96	4358	2.608 ug/L #	1
13) Acetone	2.66	43	3605	2.405 ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	10910	5.436 ug/L	87
30) 1,1,1-Trichloroethane	5.36	97	204153	76.465 ug/L	99
34) Trichloroethene	6.57	95	256786	132.805 ug/L	99

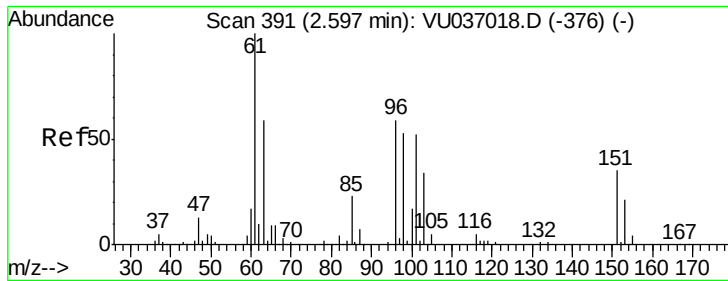
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030320\
Data File : VU037028.D
Acq On : 03 Mar 2020 16:55
Operator : JC/MD
Sample : L1746-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AY6

Quant Time: Mar 04 08:00:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 04 06:53:13 2020
Response via : Initial Calibration





#10

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

Concen: 3.070 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.01 min

Lab File: VU037028.D

Acq: 03 Mar 2020 16:55

Instrument :

MSVOA_U

ClientSampleId :

C0AY6

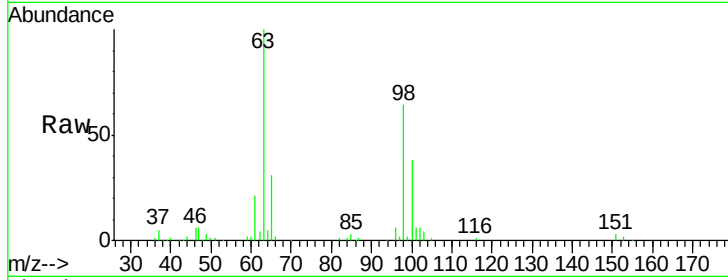
Tot Ion:101 Resp: 5071

Ion Ratio Lower Upper

101 100

85 43.8 36.4 54.6

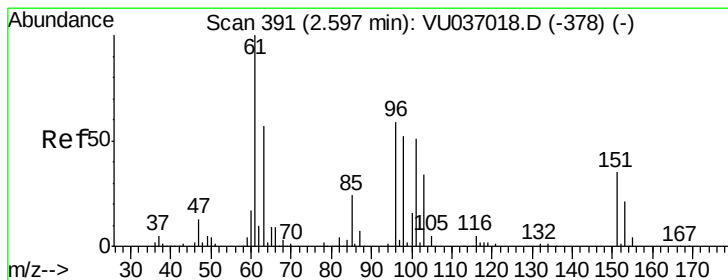
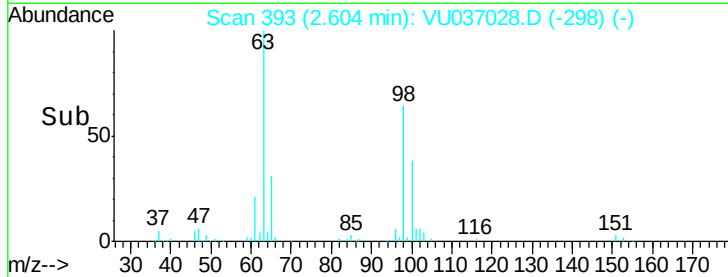
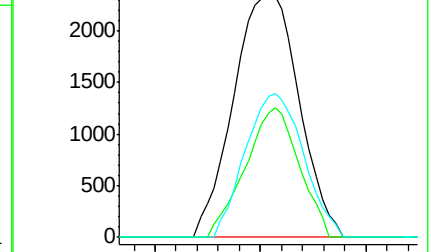
151 52.6 52.4 78.6



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: 2.608 ug/L

RT: 2.60 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU037028.D

Acq: 03 Mar 2020 16:55

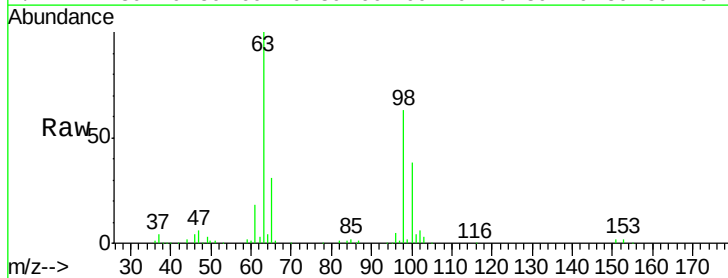
Tgt Ion: 96 Resp: 4358

Ion Ratio Lower Upper

96 100

61 394.2 127.5 236.7#

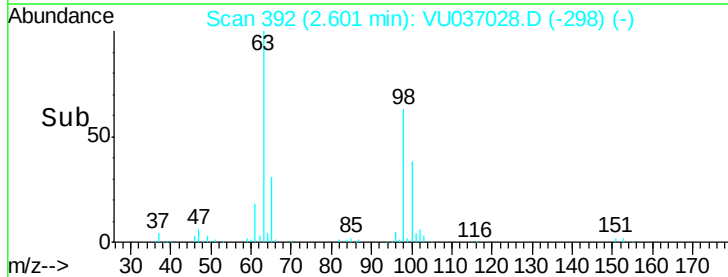
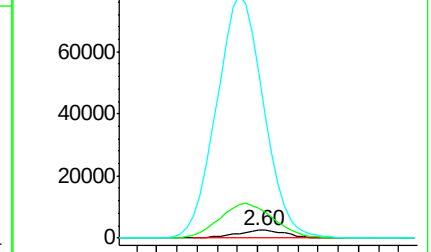
63 2187.7 101.4 188.2#

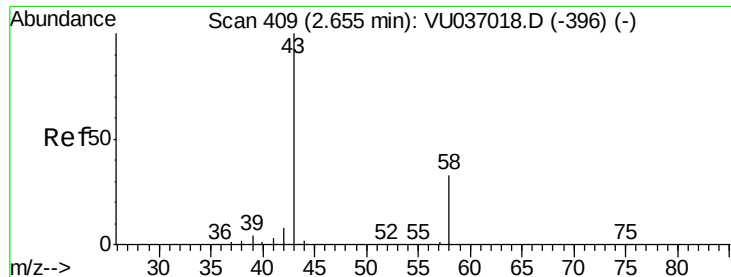


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.405 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU037028.D

Acq: 03 Mar 2020 16:55

Instrument :

MSVOA_U

ClientSampleId :

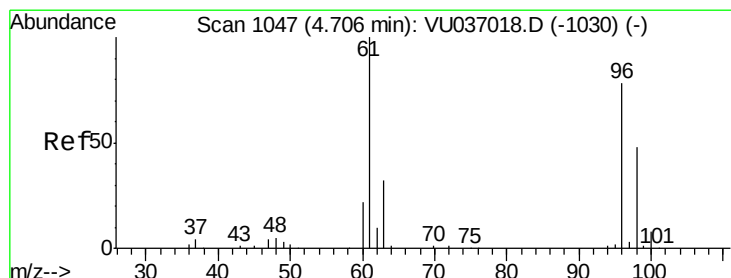
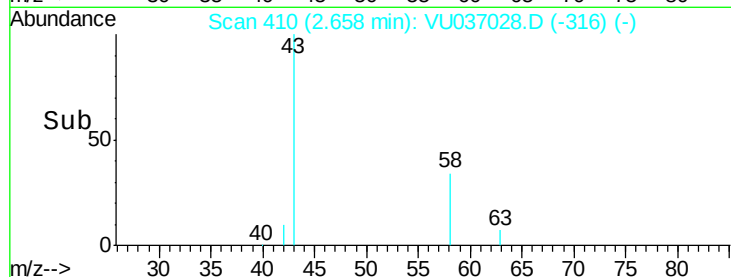
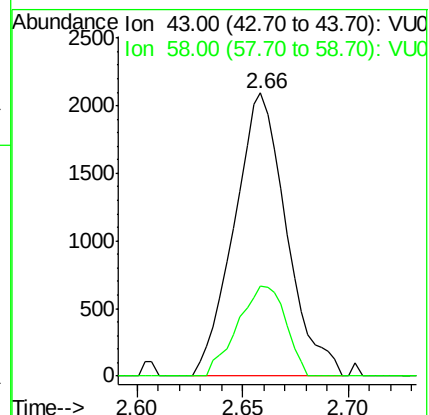
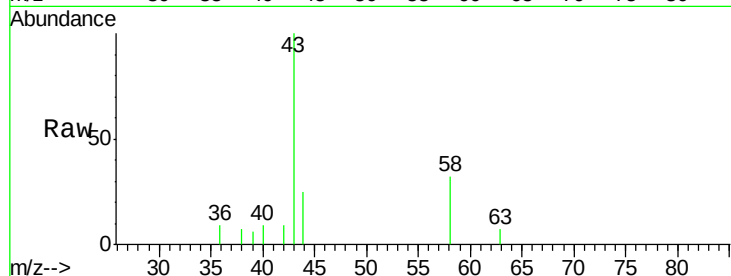
C0AY6

Tot Ion: 43 Resp: 3605

Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.6



#20

cis-1,2-Dichloroethene

Concen: 5.436 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037028.D

Acq: 03 Mar 2020 16:55

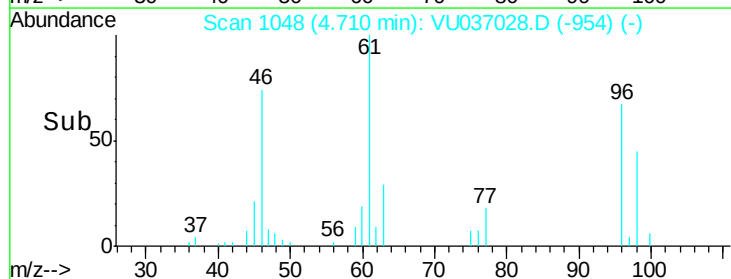
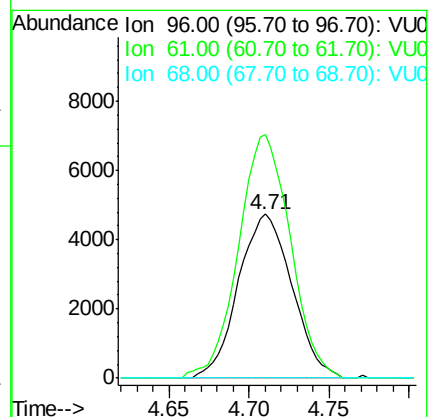
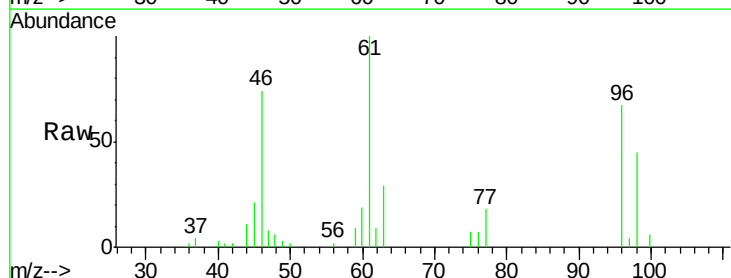
Tgt Ion: 96 Resp: 10910

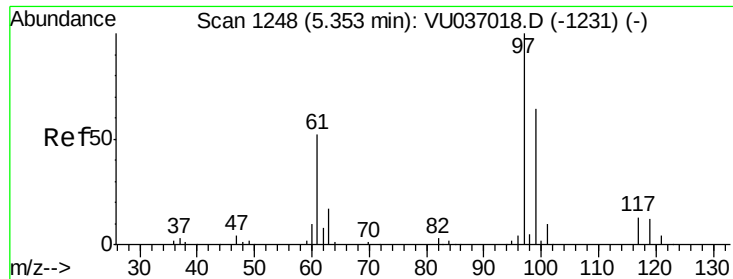
Ion Ratio Lower Upper

96 100

61 148.5 93.1 172.9

68 0.0 0.0 0.0

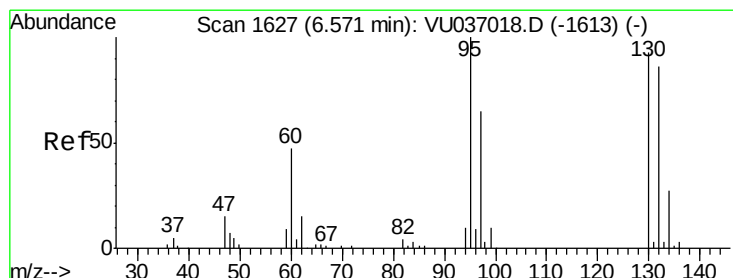
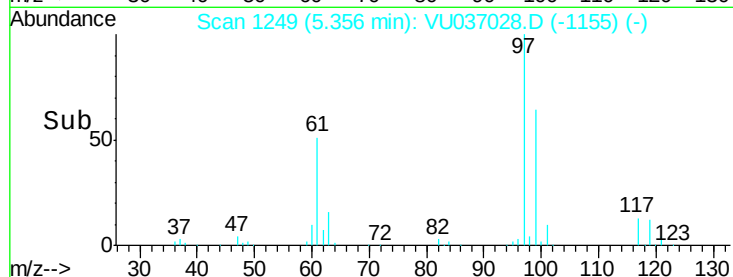
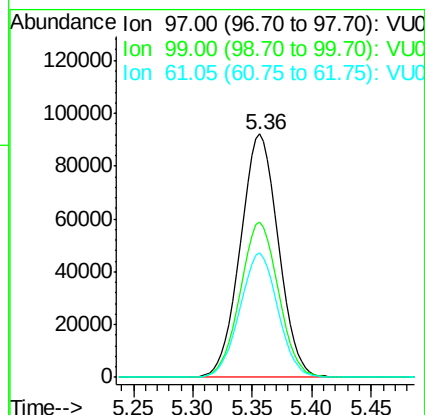
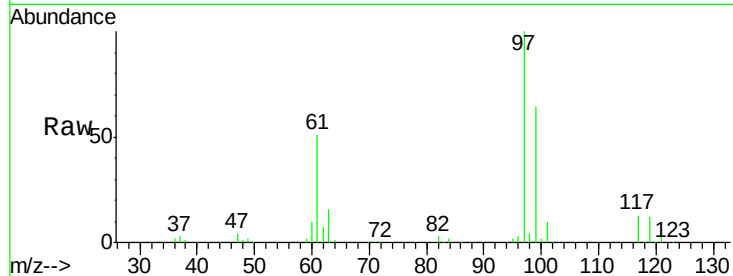




#30
1,1,1-Trichloroethane
Concen: 76.465 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037028.D
Acq: 03 Mar 2020 16:55

Instrument :
MSVOA_U
ClientSampleId :
C0AY6

Tot Ion: 97 Resp: 204153
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 51.1 40.3 60.5



#34
Trichloroethene
Concen: 132.805 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037028.D
Acq: 03 Mar 2020 16:55

Tgt Ion: 95 Resp: 256786
Ion Ratio Lower Upper
95 100
97 64.1 44.1 81.9
132 87.2 60.6 112.6
130 90.8 64.9 120.5

