

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031220\
 Data File : VU037192.D
 Acq On : 12 Mar 2020 16:36
 Operator : JC/MD
 Sample : L1784-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00

Manual Integrations
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Quant Time: Mar 13 07:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 07:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	403257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	393383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	149151	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.58%
7) Chloroethane-d5	1.93	69	123967	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.59	63	211532	36.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.88%
21) 2-Butanone-d5	4.67	46	267236	108.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	5.10	84	290402	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.74	65	220460	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.76	84	539629	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.72	67	177898	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.92	98	499457	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%
43) trans-1,3-Dichloropropene-	8.20	79	92298	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.66	63	182815	99.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	258622	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	180039	52.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	6765m	2.569	ug/L	
12) 1,1-Dichloroethene	2.60	96	6467	2.717	ug/L	# 1
13) Acetone	2.66	43	5430	2.317	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	38688	12.828	ug/L	92
30) 1,1,1-Trichloroethane	5.36	97	449188	86.026	ug/L	100
34) Trichloroethene	6.57	95	750799	249.184	ug/L	98

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

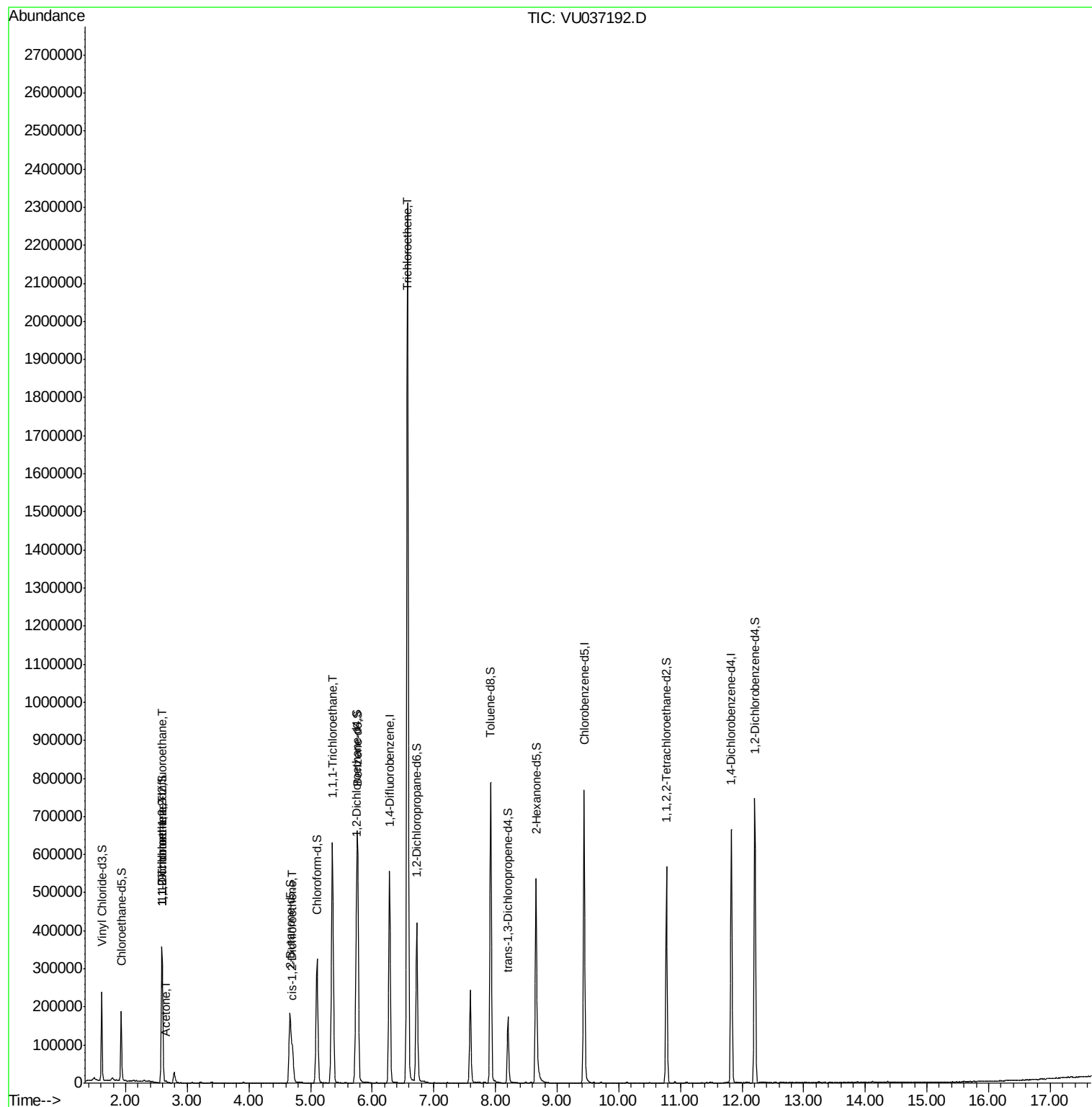
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031220\
Data File : VU037192.D
Acq On : 12 Mar 2020 16:36
Operator : JC/MD
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

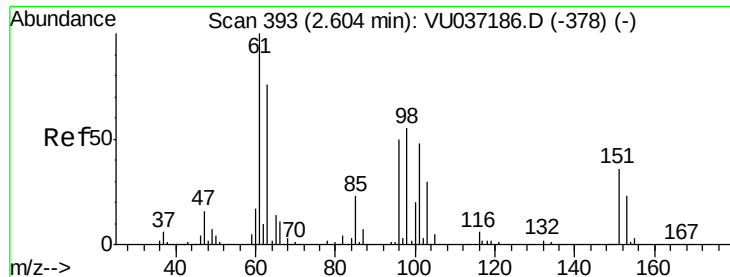
Instrument :
MSVOA_U
ClientSampleId :
C0B00

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Quant Title : VOC Analysis
QLast Update : Fri Mar 13 07:30:58 2020
Response via : Initial Calibration





#10

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

Concen: 2.569 ug/L m

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037192.D

Acq: 12 Mar 2020 16:36

Instrument :

MSVOA_U

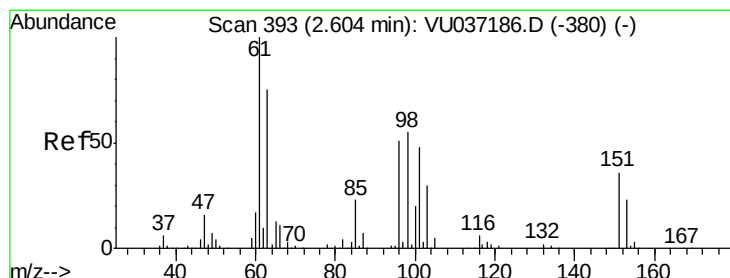
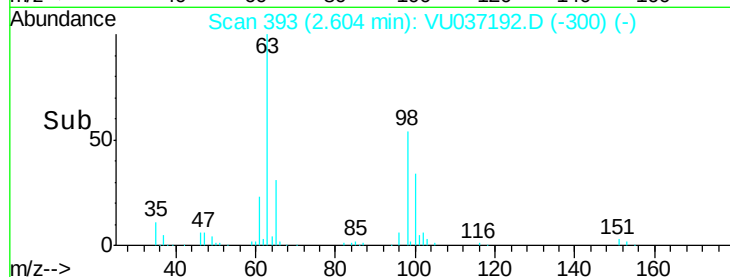
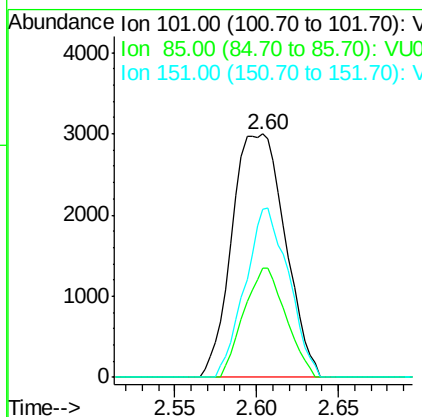
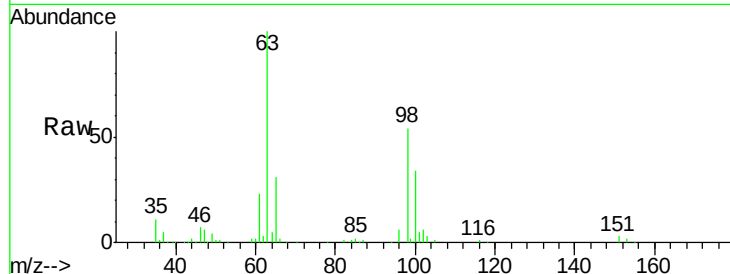
ClientSampled :

C0B00

Tot Ion:	101	Resp:	6765
Ion Ratio	Lower	Upper	
101	100		
85	35.4	37.8	56.6#
151	57.0	58.5	87.7#

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#12

1,1-Dichloroethene

Concen: 2.717 ug/L

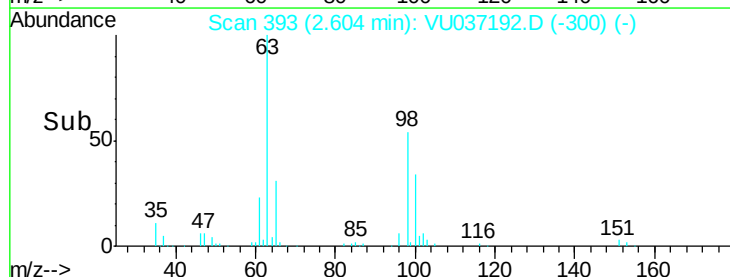
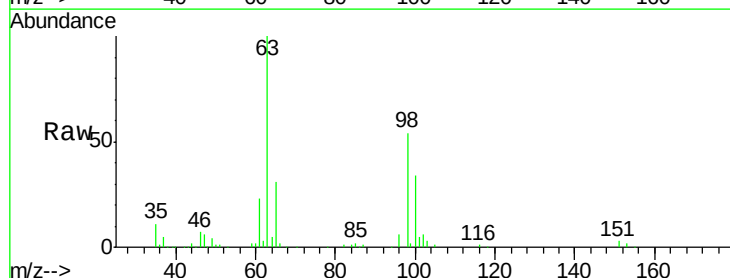
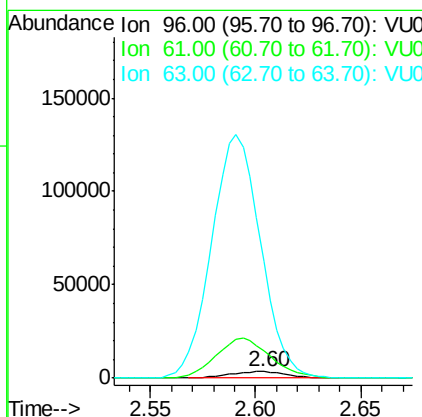
RT: 2.60 min Scan# 393

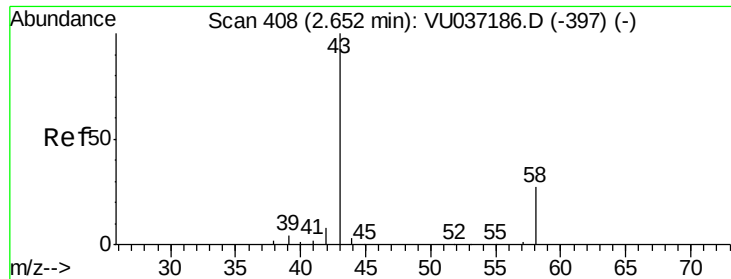
Delta R.T. 0.00 min

Lab File: VU037192.D

Acq: 12 Mar 2020 16:36

Tgt Ion:	96	Resp:	6467
Ion Ratio	Lower	Upper	
96	100		
61	418.2	138.8	257.8#
63	1816.5	106.4	197.6#





#13

Acetone

Concen: 2.317 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037192.D

Acq: 12 Mar 2020 16:36

Instrument :

MSVOA_U

ClientSampled :

C0B00

Tot Ion: 43 Resp: 5430

Ion Ratio Lower Upper

43 100

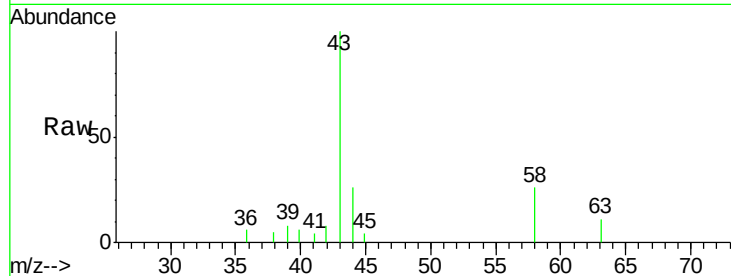
58 28.2 0.0 57.2

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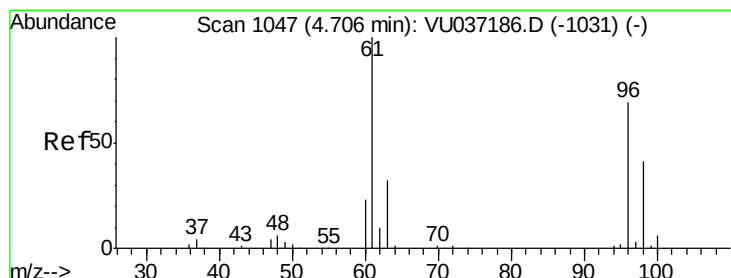
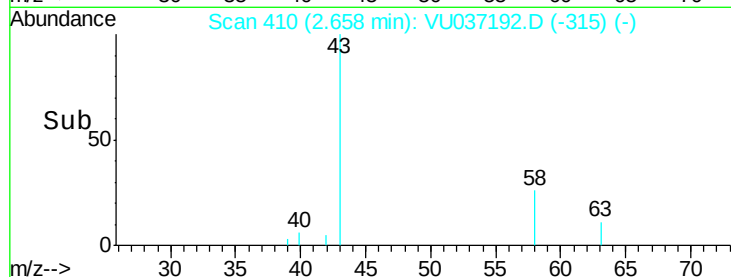
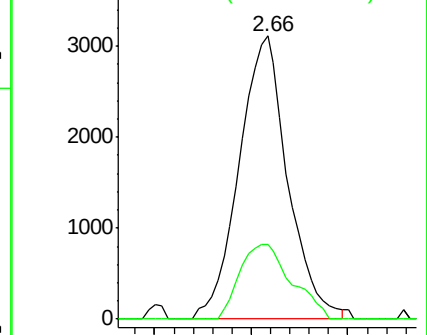
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Abundance Ion 43.00 (42.70 to 43.70): VU037192.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037192.D (-315) (-)



#20

cis-1,2-Dichloroethene

Concen: 12.828 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU037192.D

Acq: 12 Mar 2020 16:36

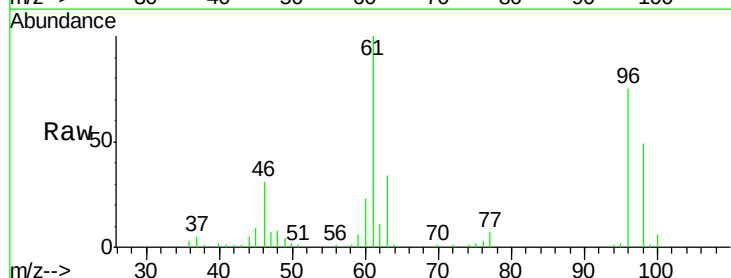
Tgt Ion: 96 Resp: 38688

Ion Ratio Lower Upper

96 100

61 134.2 101.2 187.8

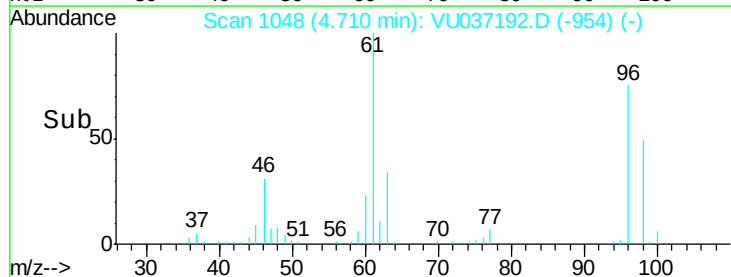
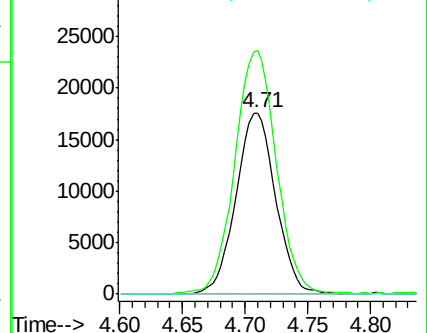
68 0.0 0.0 0.0

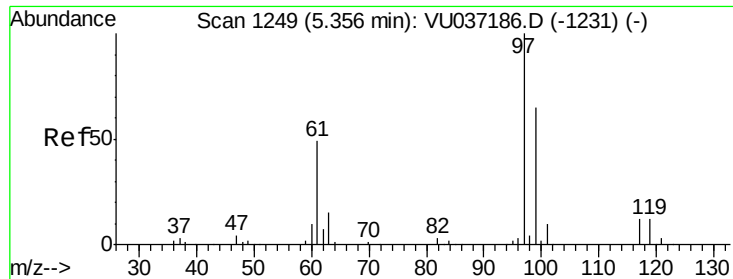


Abundance Ion 96.00 (95.70 to 96.70): VU037192.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037192.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037192.D (-954) (-)





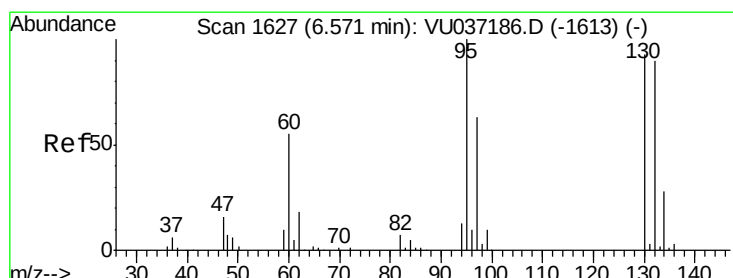
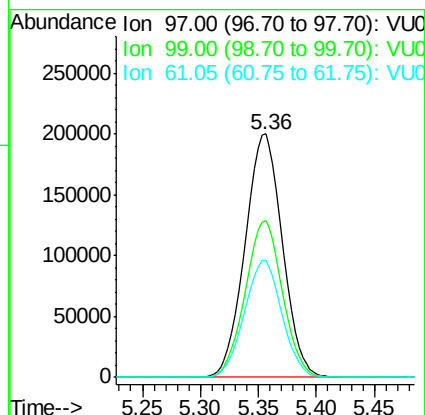
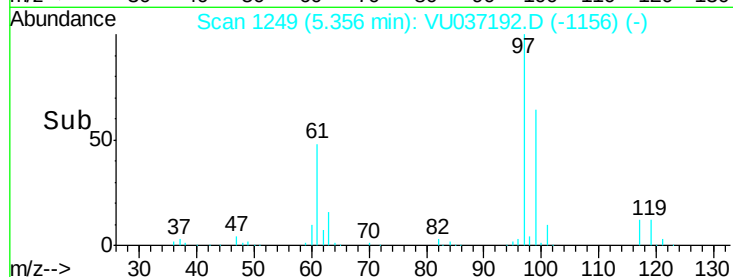
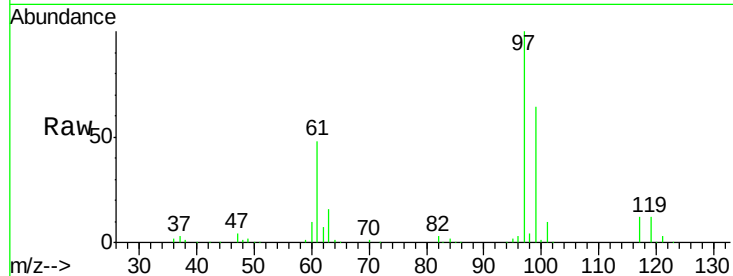
#30
1,1,1-Trichloroethane
Concen: 86.026 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037192.D
Acq: 12 Mar 2020 16:36

Instrument :
MSVOA_U
ClientSampled :
C0B00

Tot Ion	97	Resp	449188
Ion Ratio	100	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	48.1	39.0	58.4

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#34
Trichloroethene
Concen: 249.184 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037192.D
Acq: 12 Mar 2020 16:36

Tgt Ion	95	Resp	750799
Ion Ratio	100	Lower	Upper
95	100		
97	64.8	43.8	81.4
132	88.4	62.6	116.3
130	93.6	64.8	120.4

