

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037927.D
 Acq On : 29 Apr 2020 21:54
 Operator : JC/MD
 Sample : L2395-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DA3

Quant Time: Apr 30 04:29:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	676678	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	657178	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	302149	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	189310	32.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.04%
7) Chloroethane-d5	1.93	69	184455	40.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.50%
11) 1,1-Dichloroethene-d2	2.59	63	295125	30.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.68%
21) 2-Butanone-d5	4.66	46	442528	94.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.46%
24) Chloroform-d	5.10	84	379510	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.28%
26) 1,2-Dichloroethane-d4	5.74	65	279122	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
32) Benzene-d6	5.76	84	818430	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
36) 1,2-Dichloropropane-d6	6.72	67	282339	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.92	98	720013	42.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.30%
43) trans-1,3-Dichloropropene-	8.20	79	125978	39.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.76%
47) 2-Hexanone-d5	8.65	63	316478	93.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.53%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	420899	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	12.20	152	276976	47.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.22%

Target Compounds

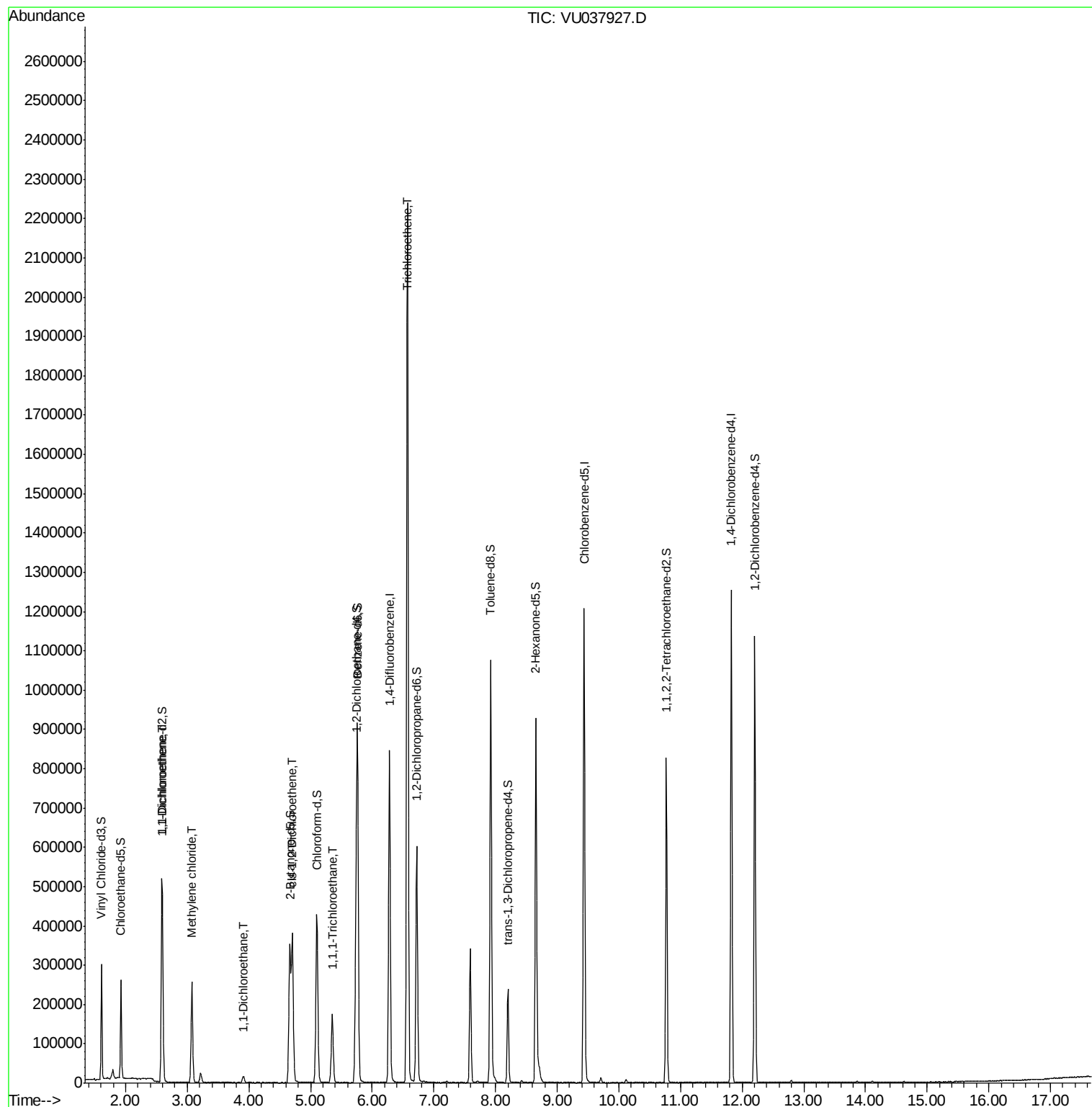
					Ovalue
12) 1,1-Dichloroethene	2.60	96	54457	13.256 ug/L	# 57
16) Methylene chloride	3.08	84	115589	23.679 ug/L	94
19) 1,1-Dichloroethane	3.91	63	18617	2.011 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	176029	35.000 ug/L	98
30) 1,1,1-Trichloroethane	5.35	97	123761	16.863 ug/L	99
34) Trichloroethene	6.57	95	758179	154.961 ug/L	98

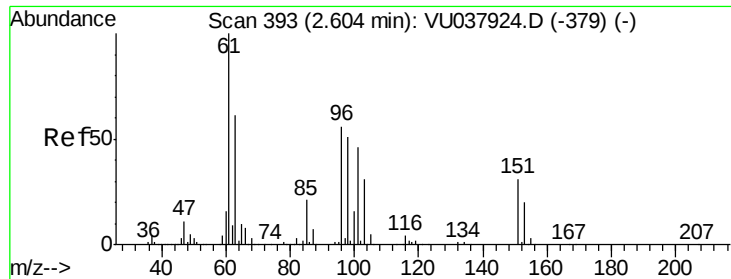
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 13.256 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037927.D

Acq: 29 Apr 2020 21:54

Instrument :

MSVOA_U

ClientSampleId :

C0DA3

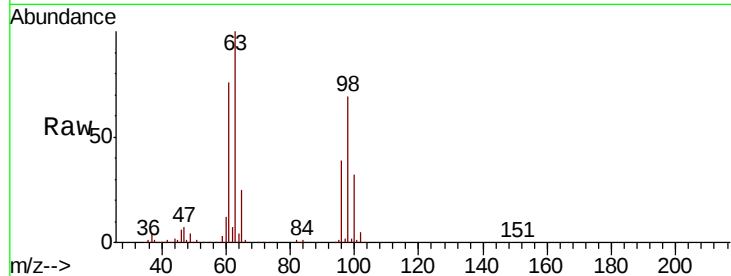
Tot Ion: 96 Resp: 54457

Ion Ratio Lower Upper

96 100

61 194.7 134.1 249.0

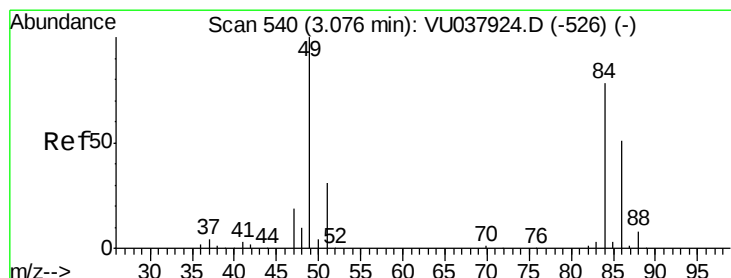
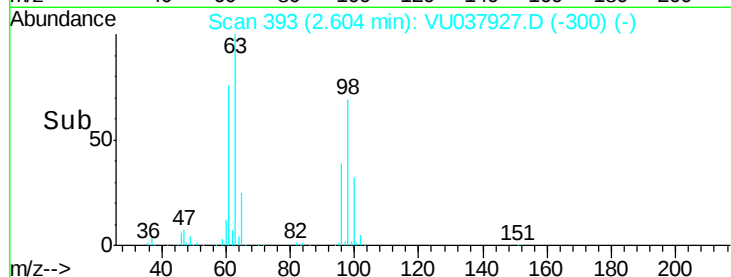
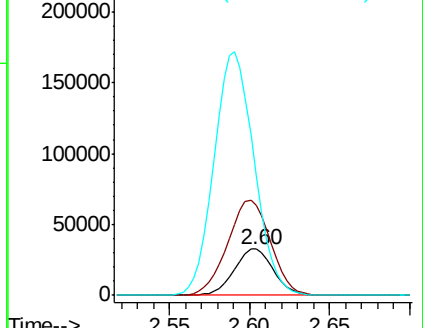
63 257.2 96.5 179.1#



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



#16

Methylene chloride

Concen: 23.679 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037927.D

Acq: 29 Apr 2020 21:54

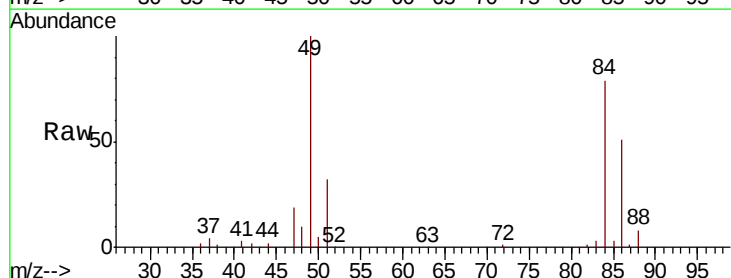
Tgt Ion: 84 Resp: 115589

Ion Ratio Lower Upper

84 100

86 64.3 43.5 80.7

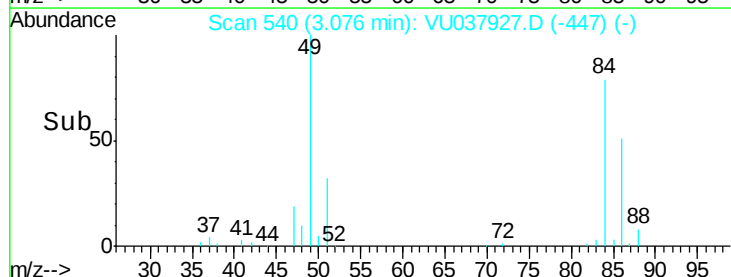
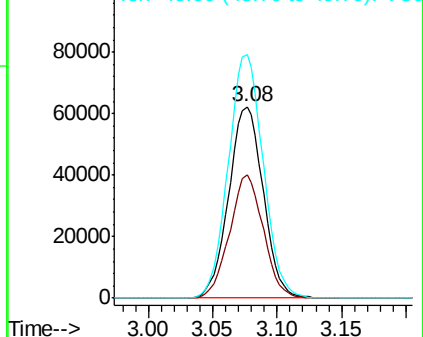
49 127.2 95.1 176.7

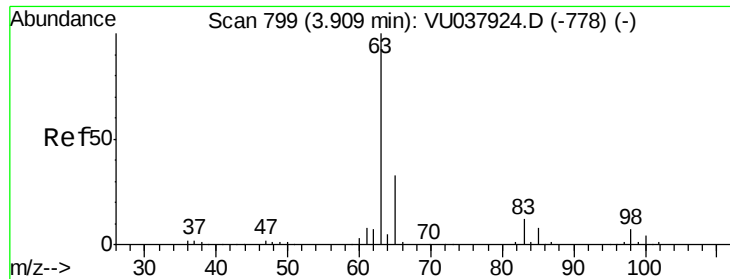


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#19

1,1-Dichloroethane

Concen: 2.011 ug/L

RT: 3.91 min Scan# 799

Delta R.T. 0.00 min

Lab File: VU037927.D

Acq: 29 Apr 2020 21:54

Instrument :

MSVOA_U

ClientSampled :

C0DA3

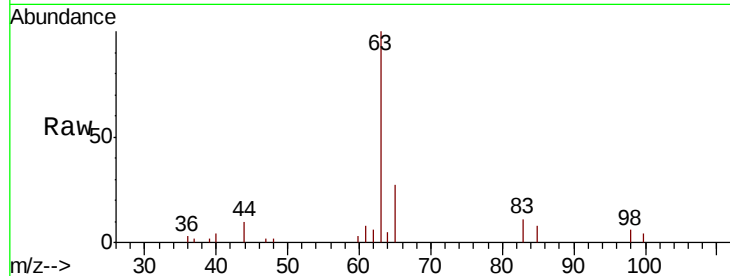
Tot Ion: 63 Resp: 18617

Ion Ratio Lower Upper

63 100

65 27.2 22.2 41.2

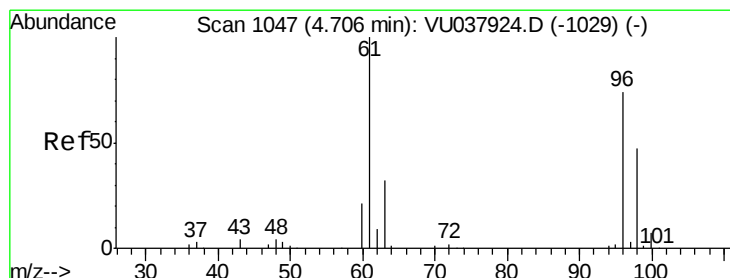
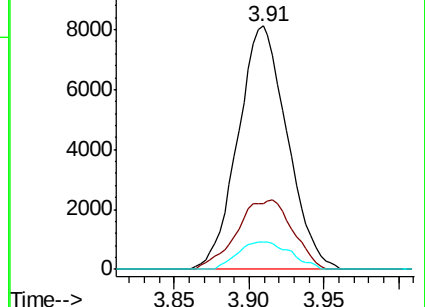
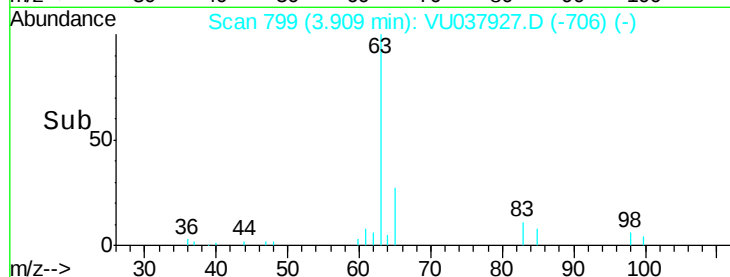
83 11.1 8.6 16.0



Abundance Ion 63.00 (62.70 to 63.70): VU037927.D (-706) (-)

Ion 65.00 (64.70 to 65.70): VU037927.D (-706) (-)

Ion 83.00 (82.70 to 83.70): VU037927.D (-706) (-)



#20

cis-1,2-Dichloroethene

Concen: 35.000 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037927.D

Acq: 29 Apr 2020 21:54

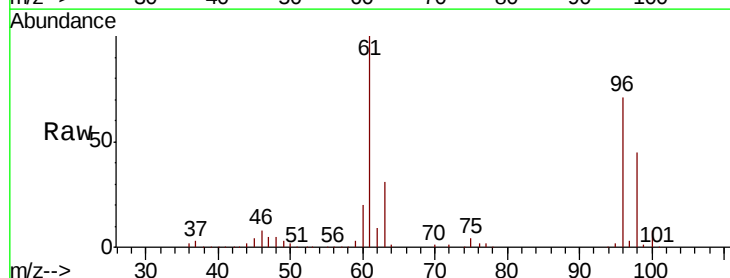
Tgt Ion: 96 Resp: 176029

Ion Ratio Lower Upper

96 100

61 141.1 100.4 186.4

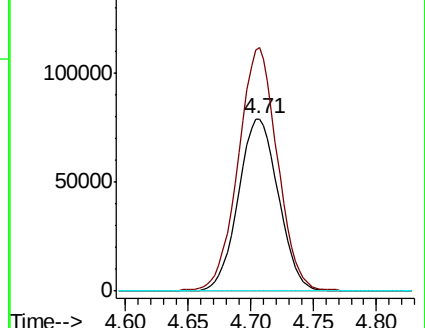
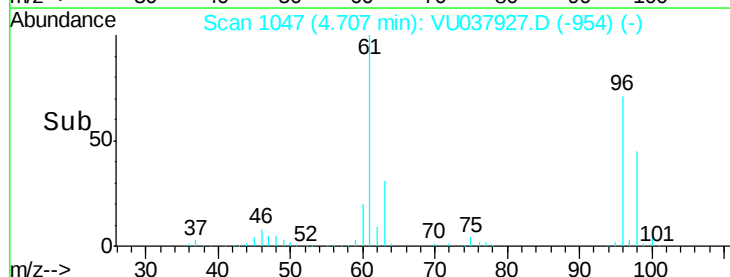
68 0.0 0.0 0.0

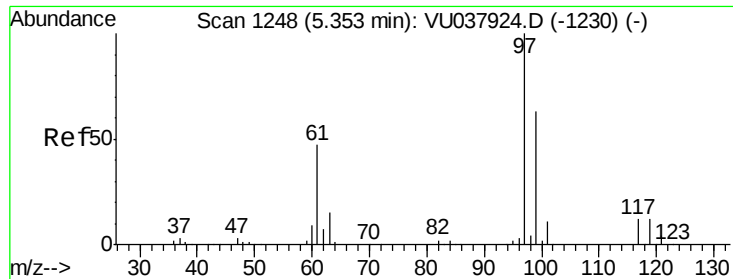


Abundance Ion 96.00 (95.70 to 96.70): VU037927.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU037927.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU037927.D (-954) (-)

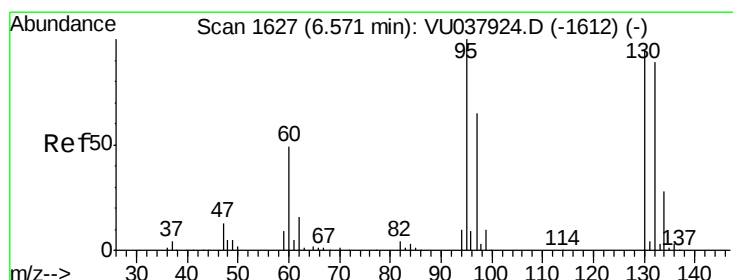
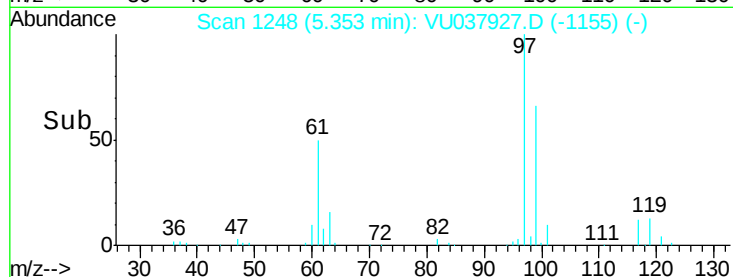
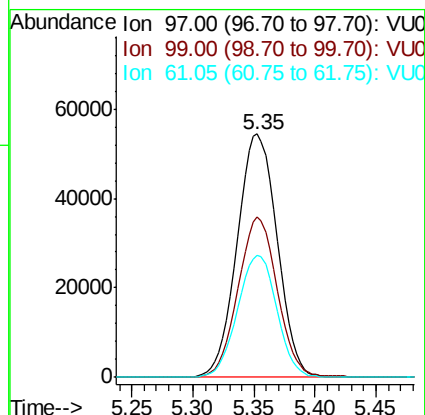
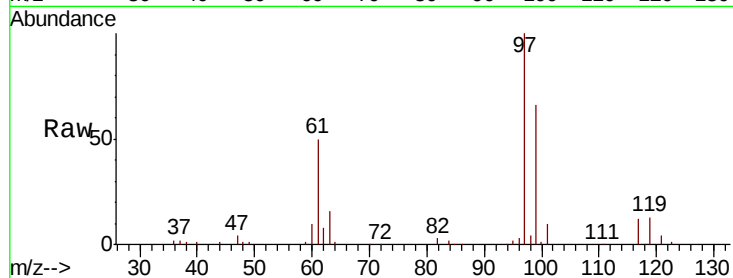




#30
 1,1,1-Trichloroethane
 Concen: 16.863 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VU037927.D
 Acq: 29 Apr 2020 21:54

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 C0DA3

Tot Ion: 97 Resp: 123761
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.7 76.1
 61 49.1 38.9 58.3



#34
 Trichloroethene
 Concen: 154.961 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037927.D
 Acq: 29 Apr 2020 21:54

Tgt Ion: 95 Resp: 758179
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.4 82.5
 132 90.8 65.0 120.6
 130 95.2 65.5 121.7

