

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039026.D
 Acq On : 22 Jun 2020 23:56
 Operator : SY/MD
 Sample : L3073-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L01

Quant Time: Jun 23 03:41:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	249301	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	255932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116614	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.93	69	90462	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.59	63	170026	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.68	46	391857	58.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.54%
24) Chloroform-d	5.10	84	186769	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.74	65	127403	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.76	84	424675	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.72	67	139311	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.92	98	335915	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	8.20	79	55358	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.65	63	297345	57.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	119904	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	128232	6.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.40%#

Target Compounds

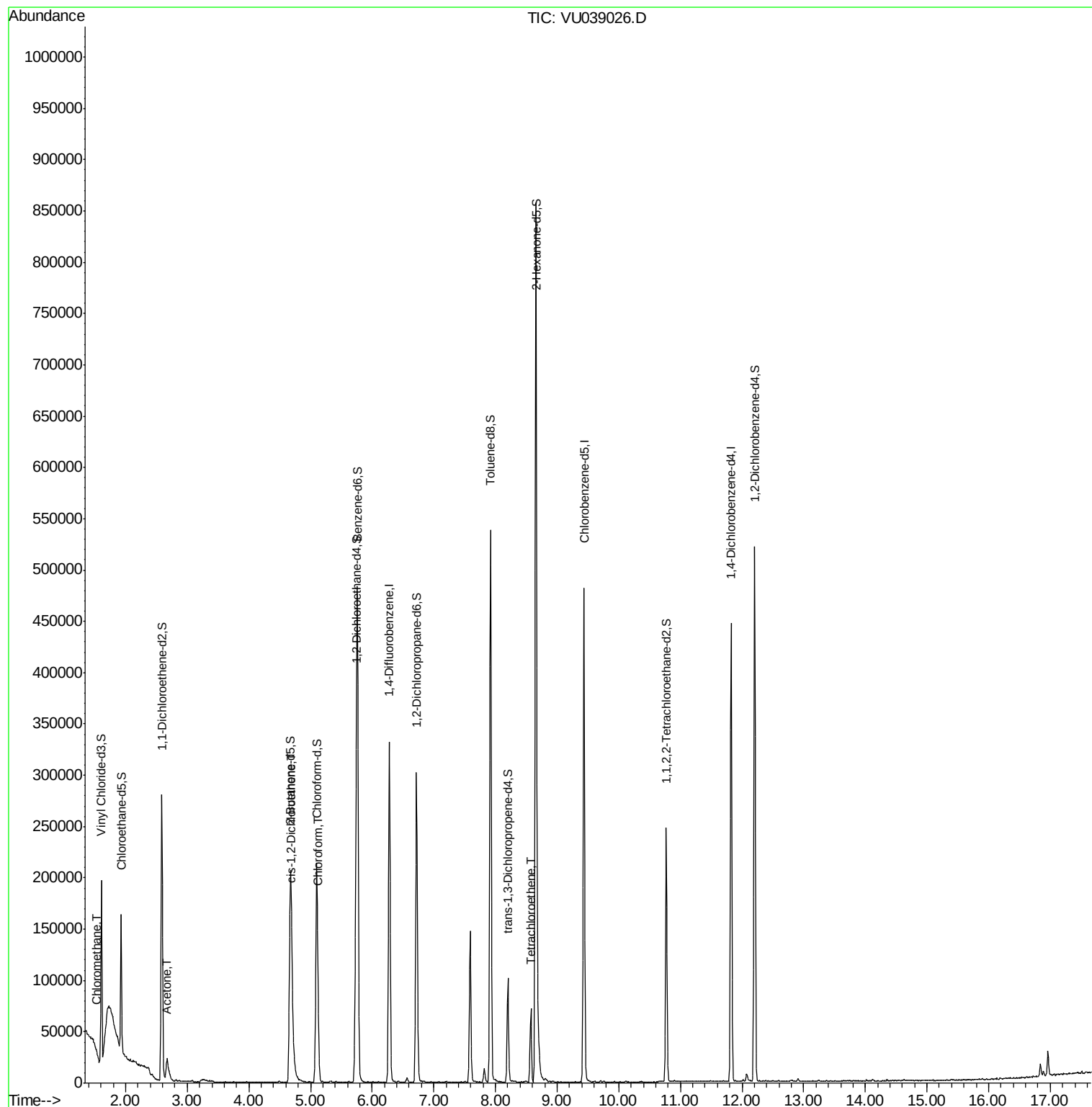
					Ovalue
3) Chloromethane	1.53	50	1686	0.122 ug/L	92
13) Acetone	2.68	43	40323	9.586 ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	2559	0.124 ug/L	75
25) Chloroform	5.12	83	29234	0.740 ug/L	96
47) Tetrachloroethene	8.57	164	14081	0.969 ug/L	98

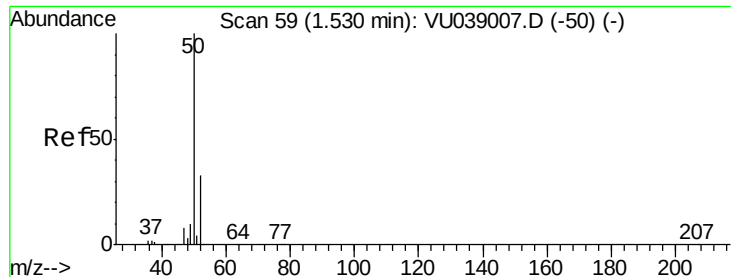
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU039026.D

Acq: 22 Jun 2020 23:56

Instrument :

MSVOA_U

ClientSampleId :

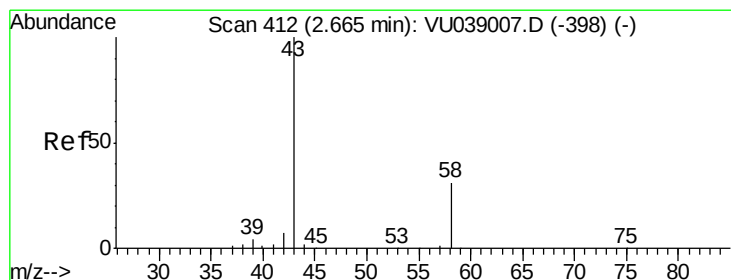
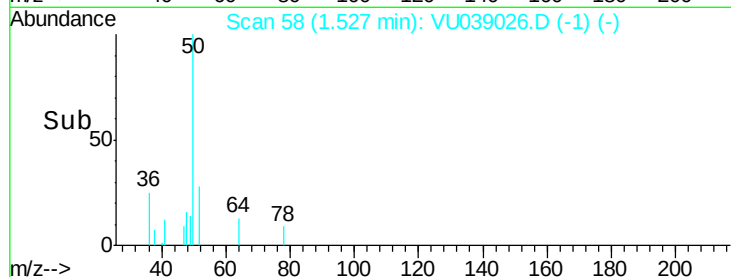
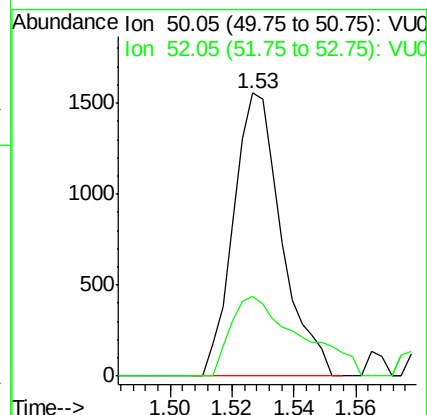
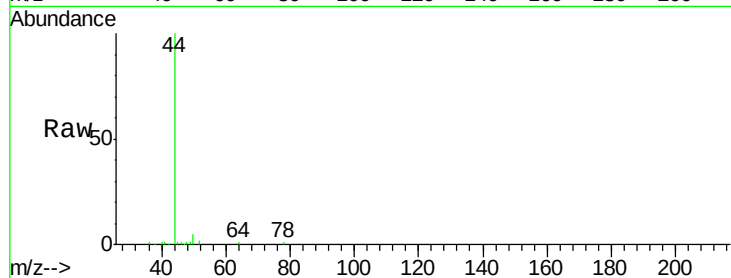
F9L01

Tot Ion: 50 Resp: 1686

Ion Ratio Lower Upper

50 100

52 28.2 23.0 42.6



#13

Acetone

Concen: 9.586 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU039026.D

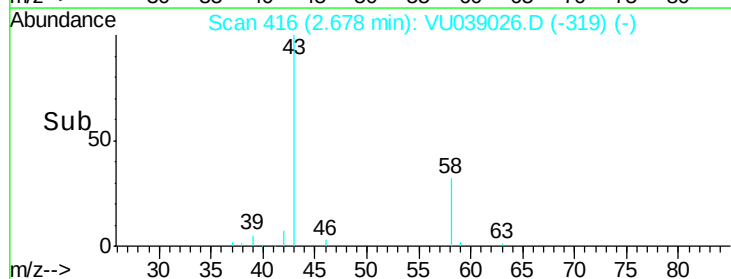
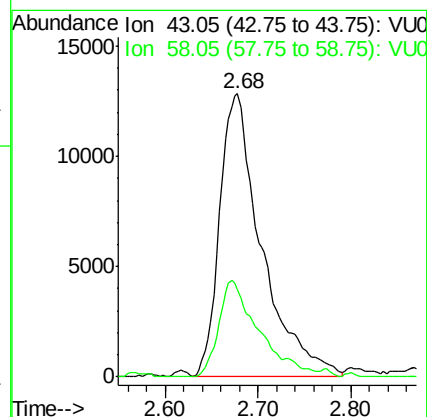
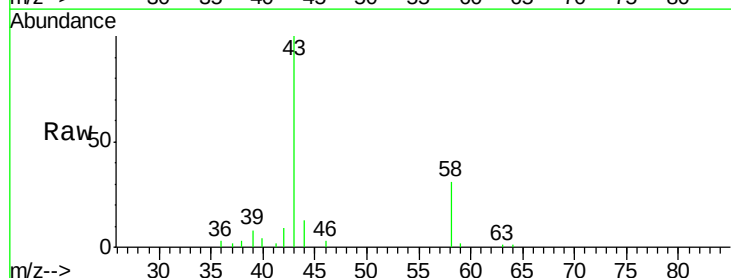
Acq: 22 Jun 2020 23:56

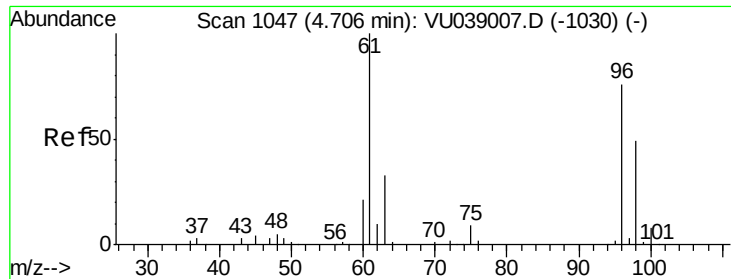
Tgt Ion: 43 Resp: 40323

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.8





#22

cis-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039026.D

Acq: 22 Jun 2020 23:56

Instrument :

MSVOA_U

ClientSampled :

F9L01

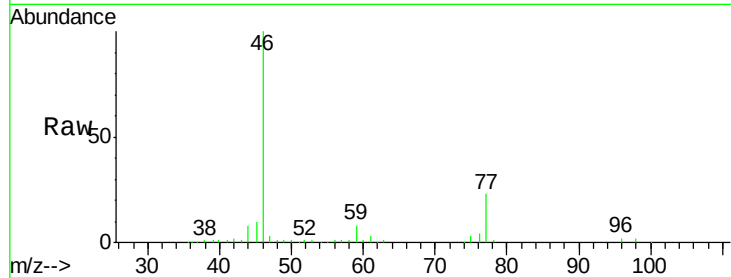
Tot Ion: 96 Resp: 2559

Ion Ratio Lower Upper

96 100

61 160.6 92.0 170.8

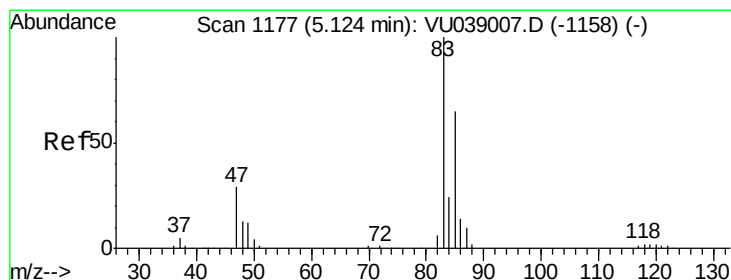
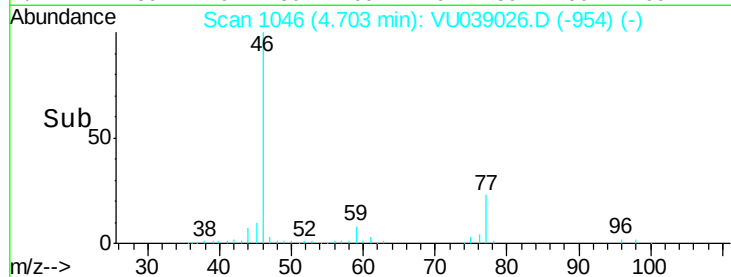
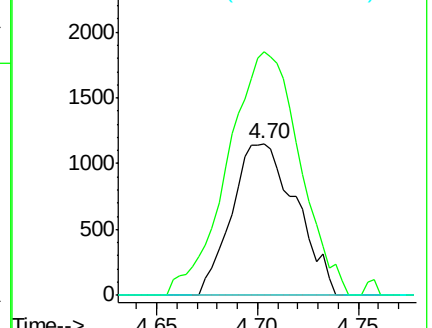
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039007.D (-1030) (-)

Ion 61.05 (60.75 to 61.75): VU039007.D (-1030) (-)

Ion 68.15 (67.85 to 68.85): VU039007.D (-1030) (-)



#25

Chloroform

Concen: 0.740 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VU039026.D

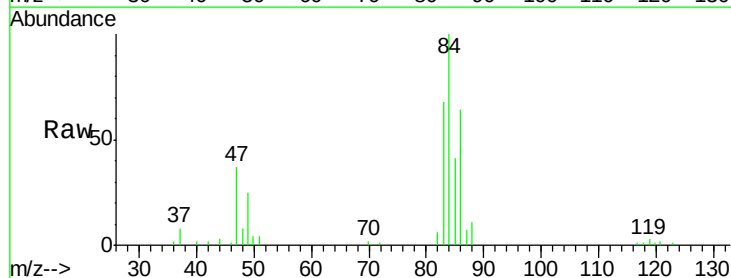
Acq: 22 Jun 2020 23:56

Tgt Ion: 83 Resp: 29234

Ion Ratio Lower Upper

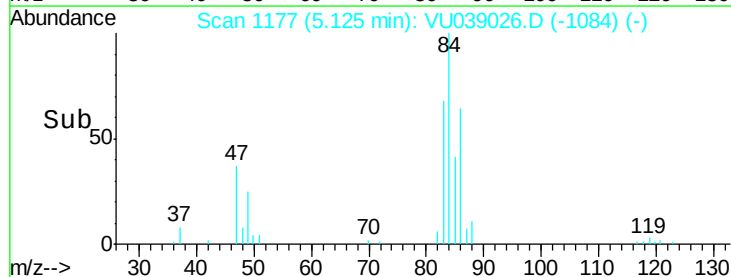
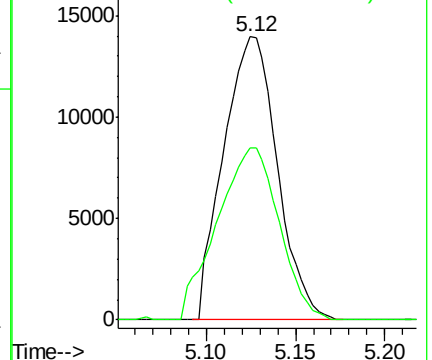
83 100

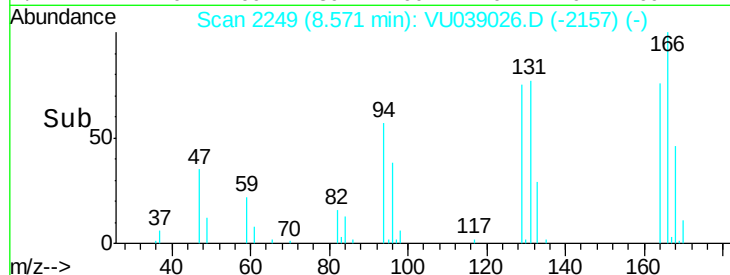
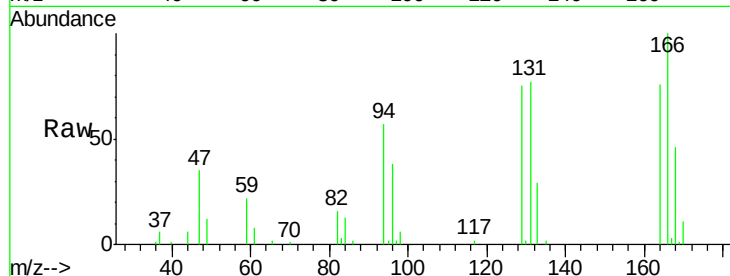
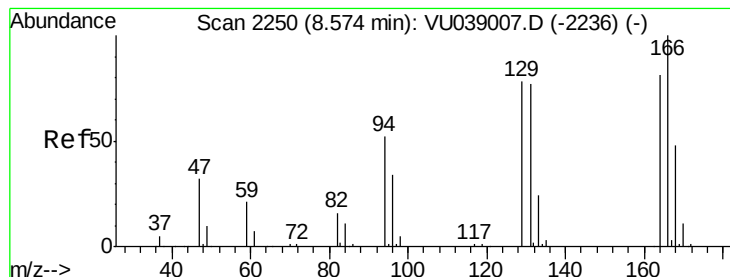
85 60.7 44.9 83.5



Abundance Ion 83.05 (82.75 to 83.75): VU039007.D (-1158) (-)

Ion 85.00 (84.70 to 85.70): VU039007.D (-1158) (-)





#47

Tetrachloroethene

Concen: 0.969 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039026.D

Acq: 22 Jun 2020 23:56

Instrument :

MSVOA_U

ClientSampleId :

F9L01

Tot Ion:164 Resp: 14081

Ion Ratio Lower Upper

164 100

129 98.5 69.2 128.6

131 102.0 66.9 124.3

166 132.2 93.0 172.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

