

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040620\
 Data File : VU037592.D
 Acq On : 06 Apr 2020 15:54
 Operator : JC/MD
 Sample : L2158-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ1

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 12:01:02 PM

Quant Time: Apr 07 01:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 07 00:48:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	165988	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	156241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	72198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	54699	40.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.16%
7) Chloroethane-d5	1.93	69	46668	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.18%
11) 1,1-Dichloroethene-d2	2.59	63	76147	33.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.20%
21) 2-Butanone-d5	4.67	46	99341	98.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.05%
24) Chloroform-d	5.10	84	98749	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.74	65	65544	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
32) Benzene-d6	5.76	84	204531	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
36) 1,2-Dichloropropane-d6	6.72	67	68677	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.14%
41) Toluene-d8	7.92	98	185423	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloropropene-	8.20	79	35747	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.65	63	77637	96.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	100974	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
64) 1,2-Dichlorobenzene-d4	12.20	152	68593	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%

Target Compounds

					Ovalue
13) Acetone	2.65	43	1961m	3.348	ug/L
19) 1,1-Dichloroethane	3.92	63	2764	1.476	ug/L #
20) cis-1,2-Dichloroethene	4.71	96	21605	19.623	ug/L
34) Trichloroethene	6.57	95	182970	170.927	ug/L
46) Tetrachloroethene	8.57	164	4649	6.468	ug/L

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

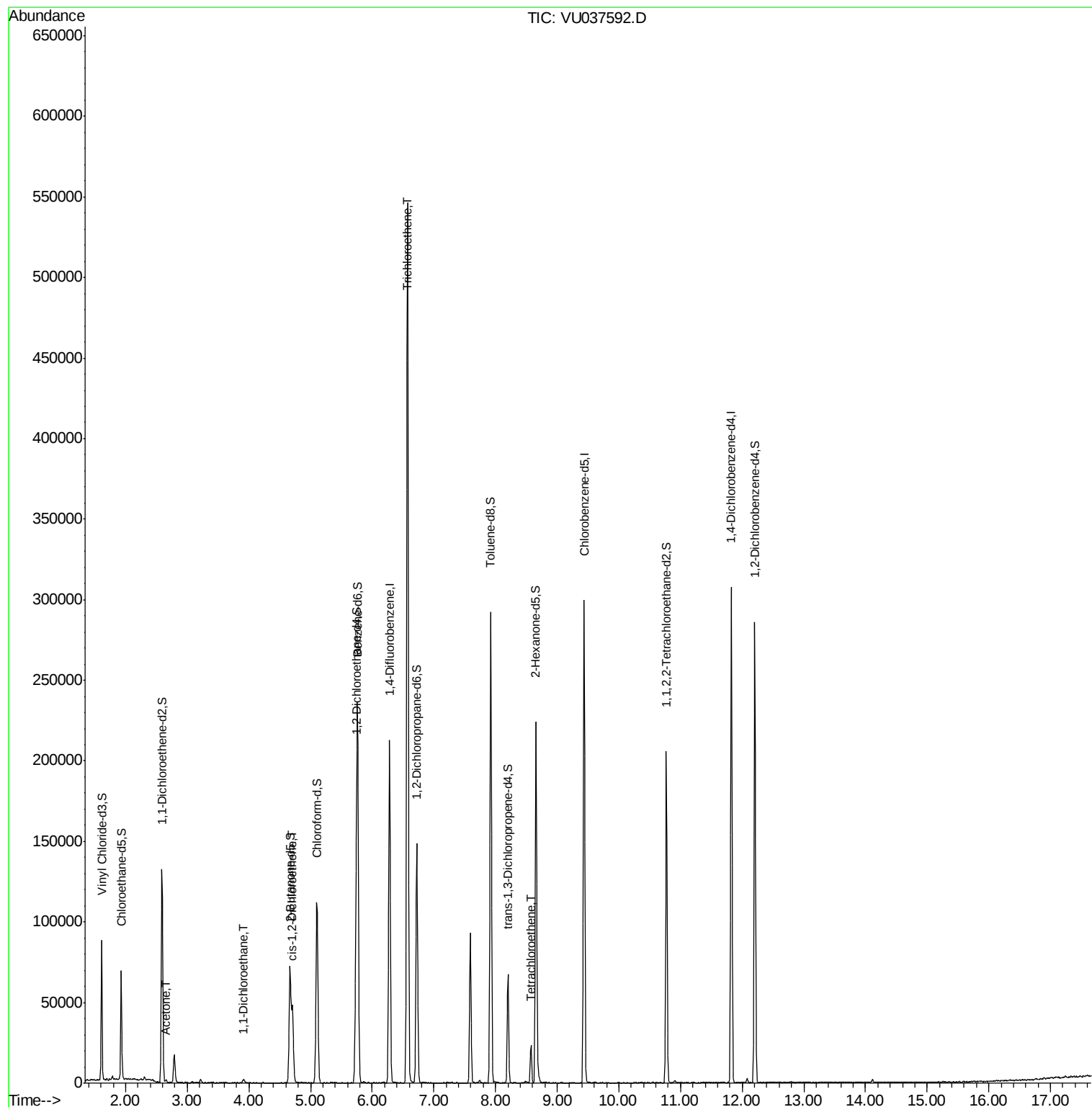
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU040620\
Data File : VU037592.D
Acq On : 06 Apr 2020 15:54
Operator : JC/MD
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

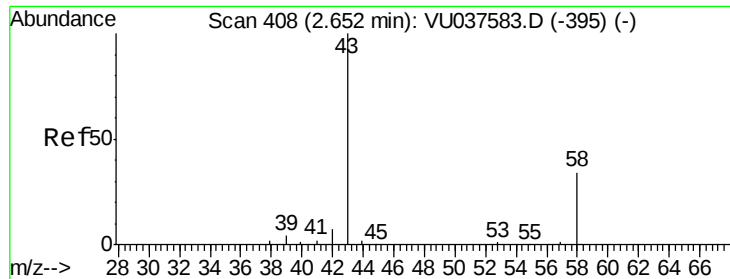
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 07 00:48:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.348 ug/L m

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037592.D

Acq: 06 Apr 2020 15:54

Tot Ion: 43 Resp: 1961

Ion Ratio Lower Upper

43 100

58 30.6 0.0 68.8

Instrument :

MSVOA_U

ClientSampled :

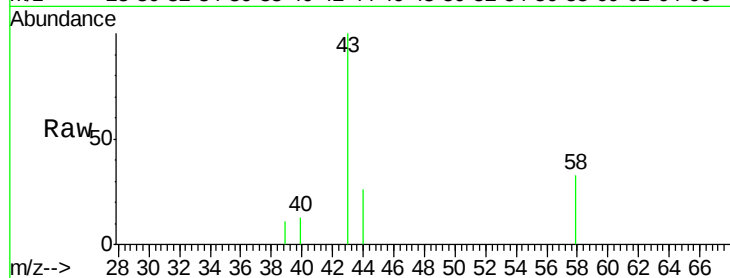
C0EZ1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU037583.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VU037583.D (-395) (-)

1200

1000

800

600

400

200

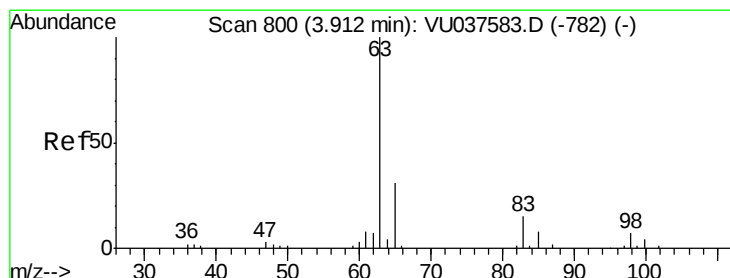
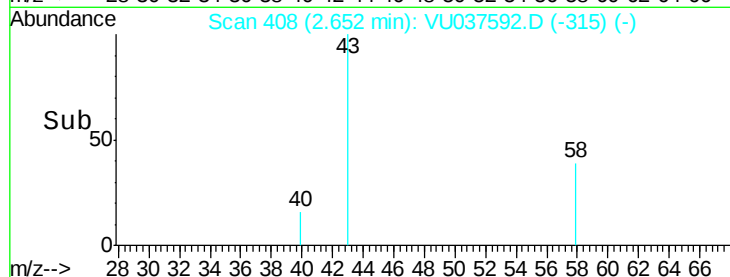
0

2.60

2.65

2.70

Time-->



#19

1,1-Dichloroethane

Concen: 1.476 ug/L

RT: 3.92 min Scan# 801

Delta R.T. 0.00 min

Lab File: VU037592.D

Acq: 06 Apr 2020 15:54

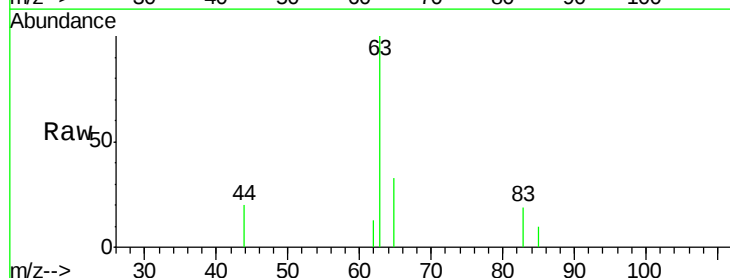
Tgt Ion: 63 Resp: 2764

Ion Ratio Lower Upper

63 100

65 32.8 23.2 43.2

83 18.8 9.6 17.8#



Abundance Ion 63.00 (62.70 to 63.70): VU037583.D (-782) (-)

Ion 65.00 (64.70 to 65.70): VU037583.D (-782) (-)

Ion 83.00 (82.70 to 83.70): VU037583.D (-782) (-)

1500

1000

500

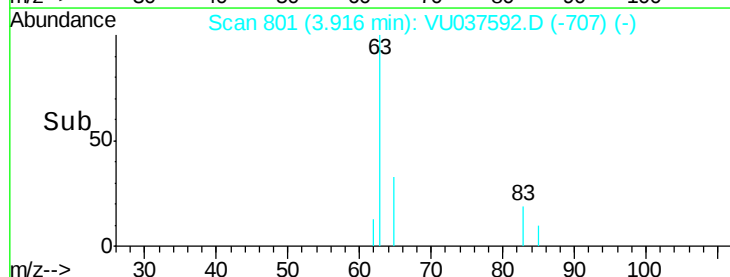
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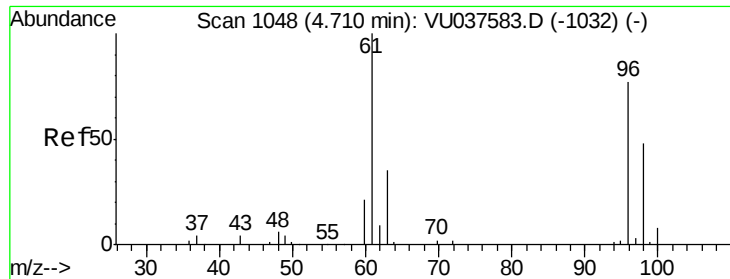
3.85

3.90

3.95

Time-->





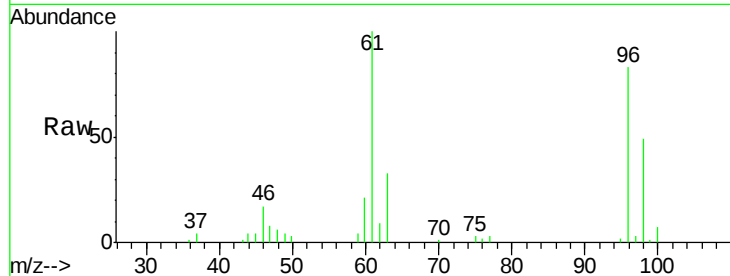
#20
 cis-1,2-Dichloroethene
 Concen: 19.623 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU037592.D
 Acq: 06 Apr 2020 15:54

Instrument :
 MSVOA_U
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 C0EZ1

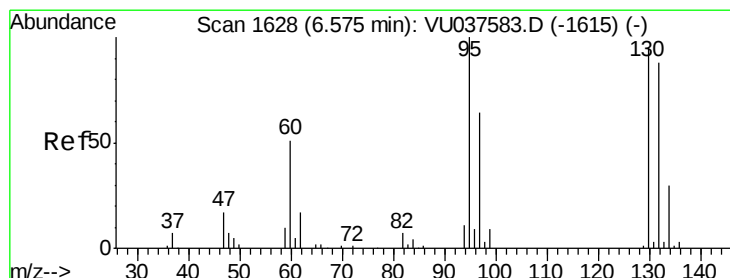
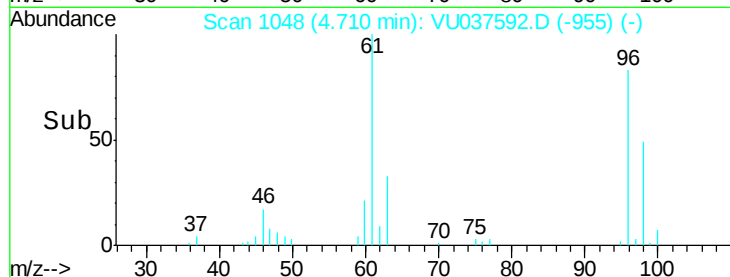
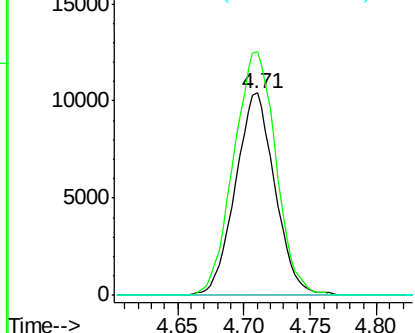
Tot Ion	Ratio	Lower	Upper
96	100		
61	120.4	90.2	167.6
68	0.0	0.0	0.0

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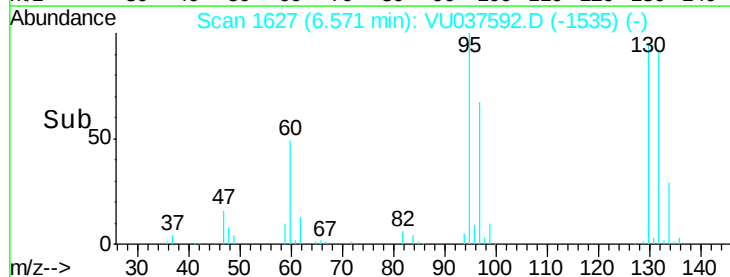
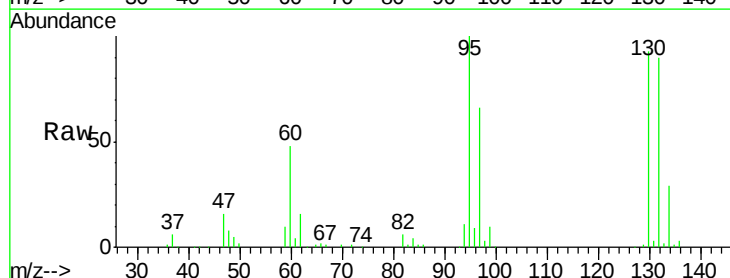
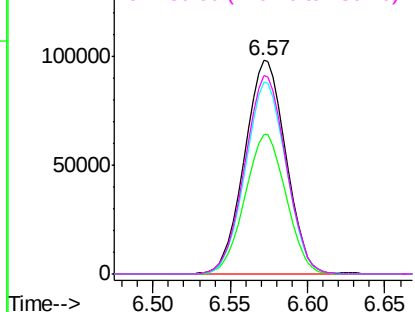
Abundance Ion 96.00 (95.70 to 96.70): VU037583.D (-1032) (-)
 Ion 61.00 (60.70 to 61.70): VU037583.D (-1032) (-)
 Ion 68.00 (67.70 to 68.70): VU037583.D (-1032) (-)

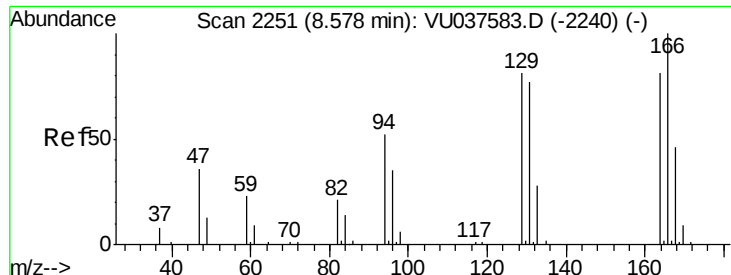


#34
 Trichloroethene
 Concen: 170.927 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037592.D
 Acq: 06 Apr 2020 15:54

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.2	84.0
132	89.9	63.7	118.3
130	93.0	64.5	119.7

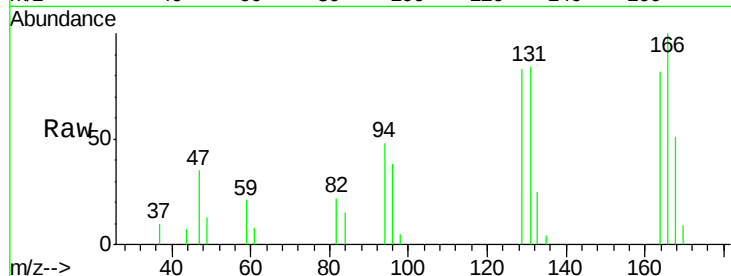
Abundance Ion 95.00 (94.70 to 95.70): VU037583.D (-1615) (-)
 Ion 97.00 (96.70 to 97.70): VU037583.D (-1615) (-)
 Ion 132.00 (131.70 to 132.70): VU037583.D (-1615) (-)
 Ion 130.00 (129.70 to 130.70): VU037583.D (-1615) (-)





#46
 Tetrachloroethene
 Concen: 6.468 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037592.D
 Acq: 06 Apr 2020 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EZ1



Tot Ion:	164	Resp:	4649
Ion	Ratio	Lower	Upper
164	100		
129	101.0	76.5	142.1
131	102.1	71.7	133.1
166	121.2	88.8	165.0

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