

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090418\
 Data File : VU026523.D
 Acq On : 04 Sep 2018 14:21
 Operator : MD/SY
 Sample : J4694-05 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE23

Manual Integrations
 APPROVED

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 9/6/2018 12:28:09 PM

Quant Time: Sep 05 02:28:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 01:11:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	126074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55219	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	32401	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.96%
7) Chloroethane-d5	1.68	69	33458	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.86%
11) 1,1-Dichloroethene-d2	2.27	63	42341	24.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.14%#
21) 2-Butanone-d5	4.18	46	80810	133.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.29%#
24) Chloroform-d	4.65	84	77732	52.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.38%
26) 1,2-Dichloroethane-d4	5.31	65	55959	56.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.94%
32) Benzene-d6	5.35	84	136568	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
36) 1,2-Dichloropropane-d6	6.33	67	53944	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.04%
41) Toluene-d8	7.57	98	113917	42.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.94%
43) trans-1,3-Dichloropropene-	7.85	79	17808	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.72%
47) 2-Hexanone-d5	8.32	63	61734	141.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	141.02%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83192	59.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	52068	51.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.94%

Target Compounds

					Ovalue
13) Acetone	2.32	43	4119	7.85	ug/L 97
17) trans-1,2-Dichloroethene	2.99	96	1109	1.36	ug/L 96
20) cis-1,2-Dichloroethene	4.23	96	65878	72.25	ug/L 100
34) Trichloroethene	6.19	95	737064	850.25	ug/L 98
46) Tetrachloroethene	8.25	164	26407065m	37258.83	ug/L

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

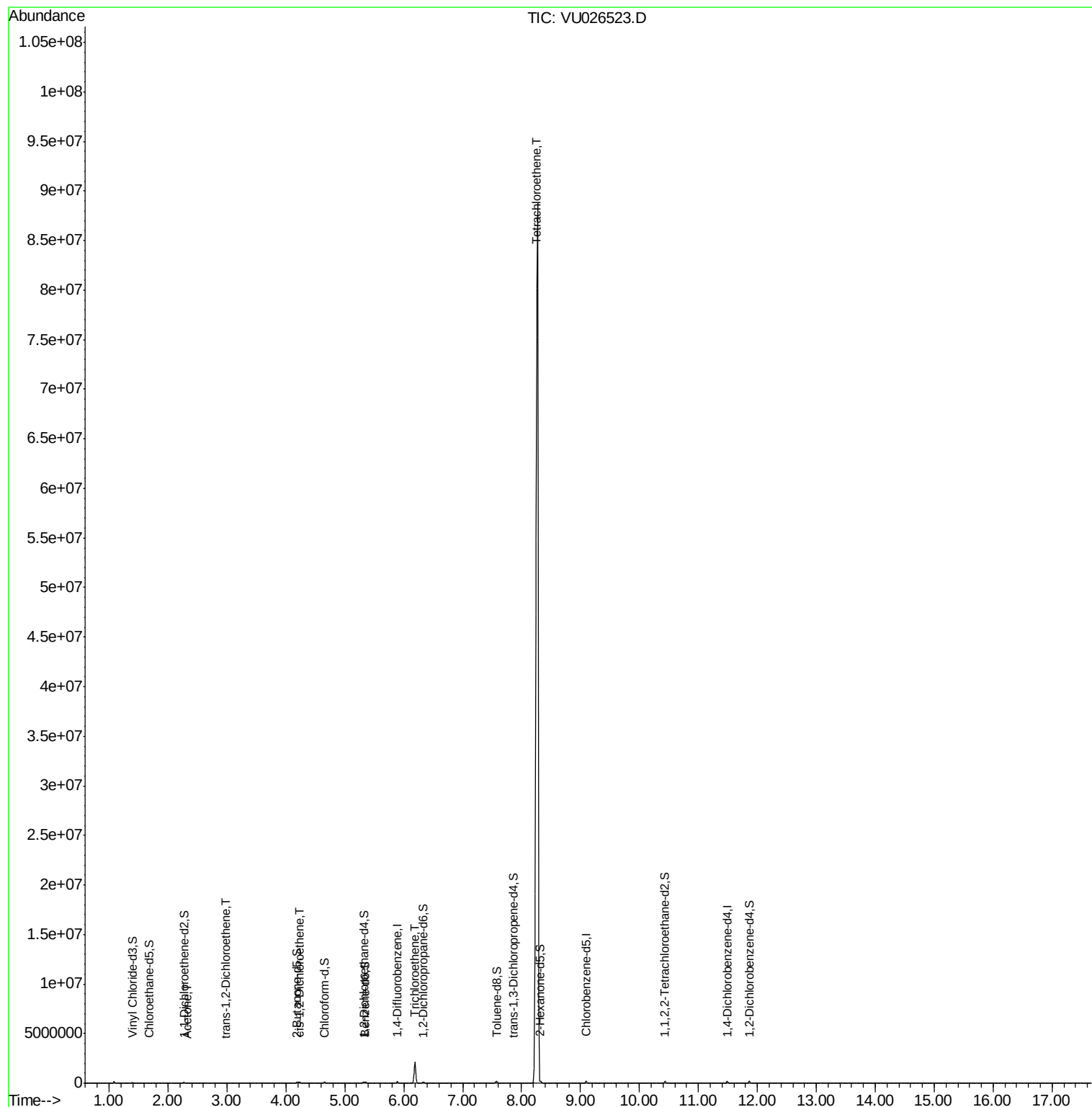
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090418\
Data File : VU026523.D
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ALS Vial : 10 Sample Multiplier: 1

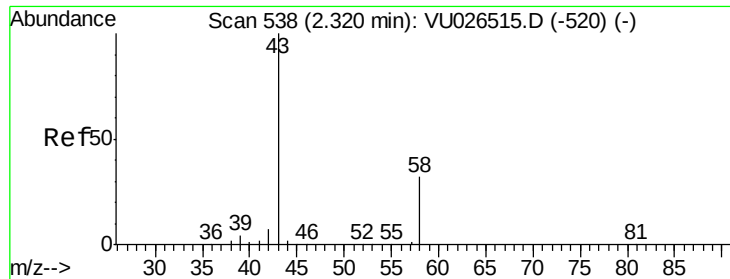
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Sep 05 02:28:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.85 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026523.D

Acq: 04 Sep 2018 14:21

Instrument :

MSVOA_U

ClientSampled :

BEE23

Tot Ion: 43 Resp: 4119

Ion Ratio Lower Upper

43 100

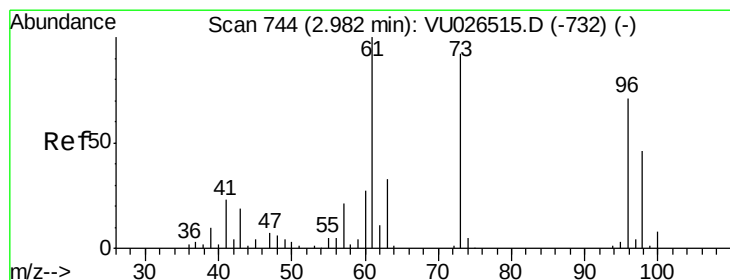
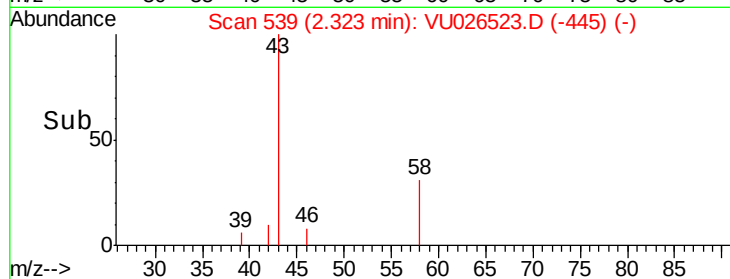
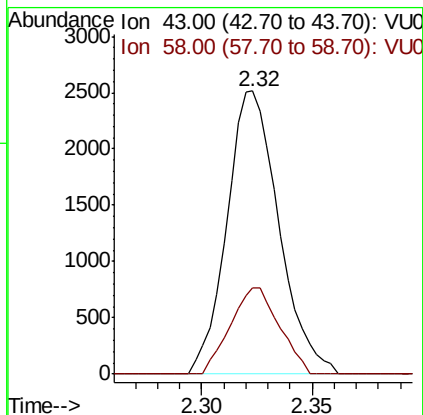
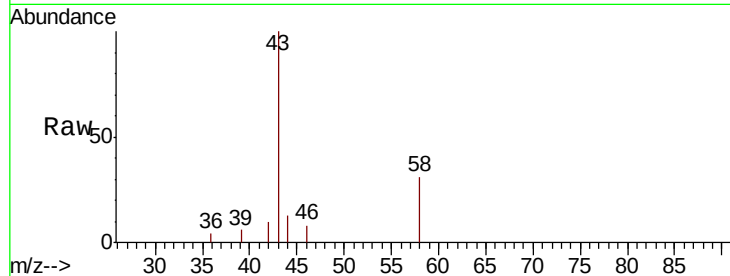
58 28.7 0.0 61.2

Manual Integrations

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#17

trans-1,2-Dichloroethene

Concen: 1.36 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026523.D

Acq: 04 Sep 2018 14:21

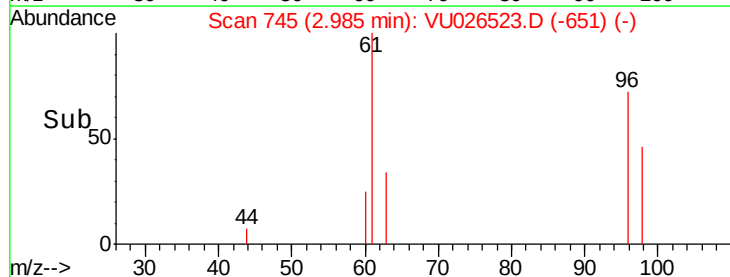
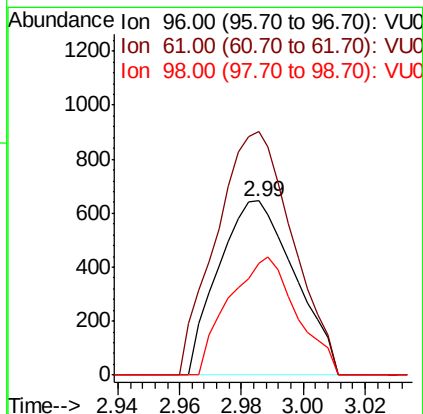
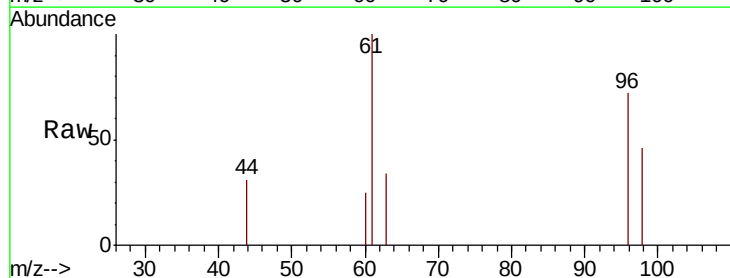
Tgt Ion: 96 Resp: 1109

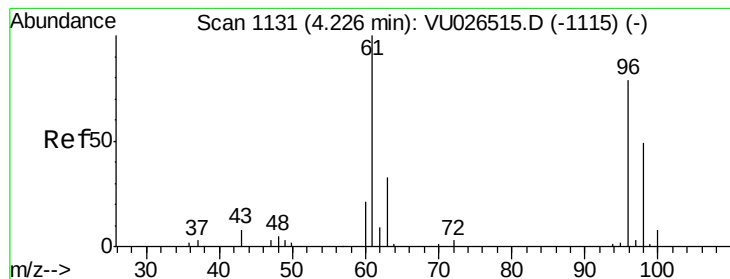
Ion Ratio Lower Upper

96 100

61 139.6 103.2 191.6

98 63.8 44.9 83.3





#20

cis-1,2-Dichloroethene

Concen: 72.25 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026523.D

Acq: 04 Sep 2018 14:21

Instrument :

MSVOA_U

ClientSampleId :

BEE23

Tot Ion: 96 Resp: 65878

Ion Ratio Lower Upper

96 100

61 131.1 91.6 170.2

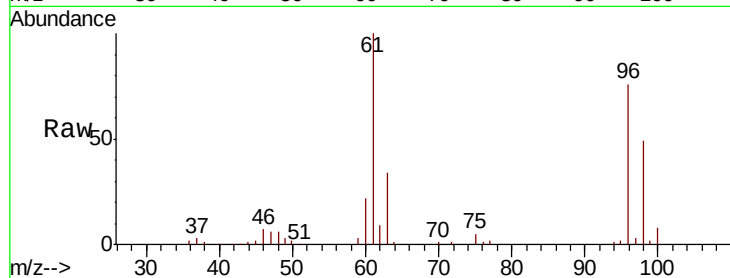
68 0.0 0.0 0.0

Manual Integrations

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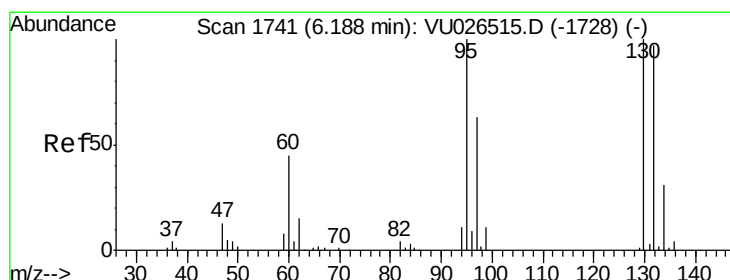
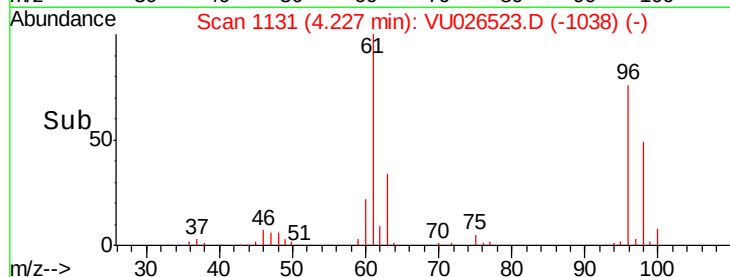
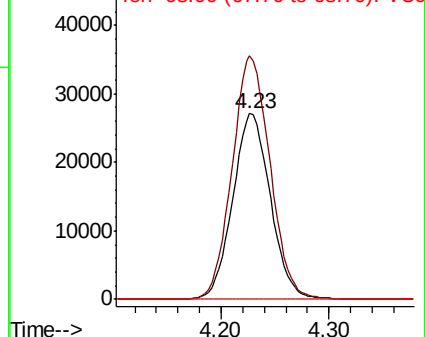
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Abundance Ion 96.00 (95.70 to 96.70): VU026515.D (-1115) (-)

Ion 61.00 (60.70 to 61.70): VU026515.D (-1115) (-)

Ion 68.00 (67.70 to 68.70): VU026515.D (-1115) (-)



#34

Trichloroethene

Concen: 850.25 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026523.D

Acq: 04 Sep 2018 14:21

Tgt Ion: 95 Resp: 737064

Ion Ratio Lower Upper

95 100

97 65.2 45.1 83.7

132 97.5 67.5 125.3

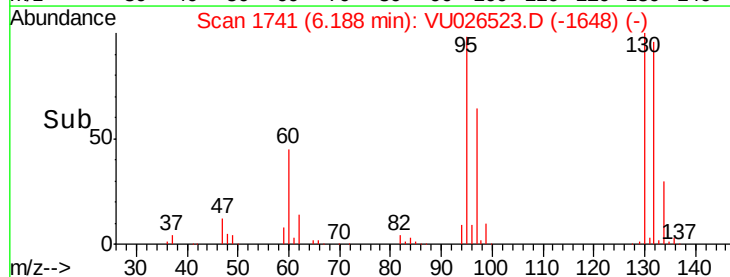
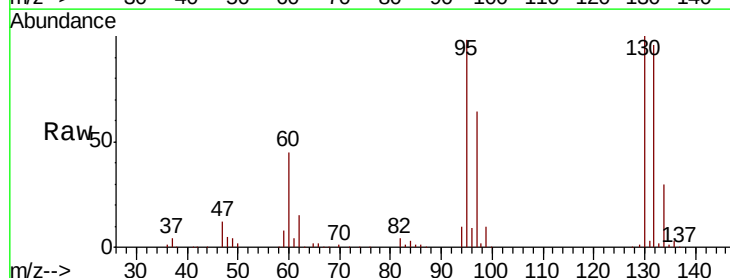
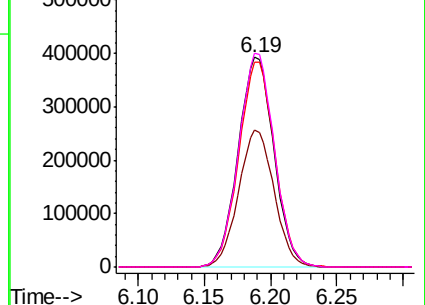
130 101.9 69.3 128.7

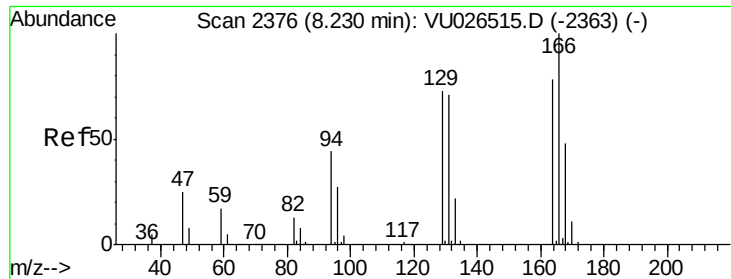
Abundance Ion 95.00 (94.70 to 95.70): VU026515.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026515.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU026515.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026515.D (-1728) (-)





#46
Tetrachloroethene
Concen: 37258.83 ug/L m
RT: 8.25 min Scan# 2382
Delta R.T. 0.02 min
Lab File: VU026523.D
Acq: 04 Sep 2018 14:21

Instrument :
MSVOA_U
ClientSampleId :
BEE23

Tot Ion:164 Resp:26407065

Ion	Ratio	Lower	Upper
164	100		
129	98.1	67.3	125.1
131	94.6	65.3	121.3
166	100.0	90.9	168.7

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