

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035394.D
 Acq On : 23 Oct 2019 05:33
 Operator : JC/SP
 Sample : K5458-08DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K32DL

Quant Time: Oct 23 08:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 08:10:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	239082	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238579	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	84106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92188	6.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	1.93	69	85846	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.80%
11) 1,1-Dichloroethene-d2	2.59	63	135808	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.71	46	250508	59.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.60%
24) Chloroform-d	5.11	84	164546	6.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.60%
26) 1,2-Dichloroethane-d4	5.75	65	92200	6.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.00%
32) Benzene-d6	5.77	84	311645	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
36) 1,2-Dichloropropane-d6	6.74	67	109697	6.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	126.60%
41) Toluene-d8	7.93	98	255542	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.22	79	37787	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.68	63	188145	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91643	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	86877	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

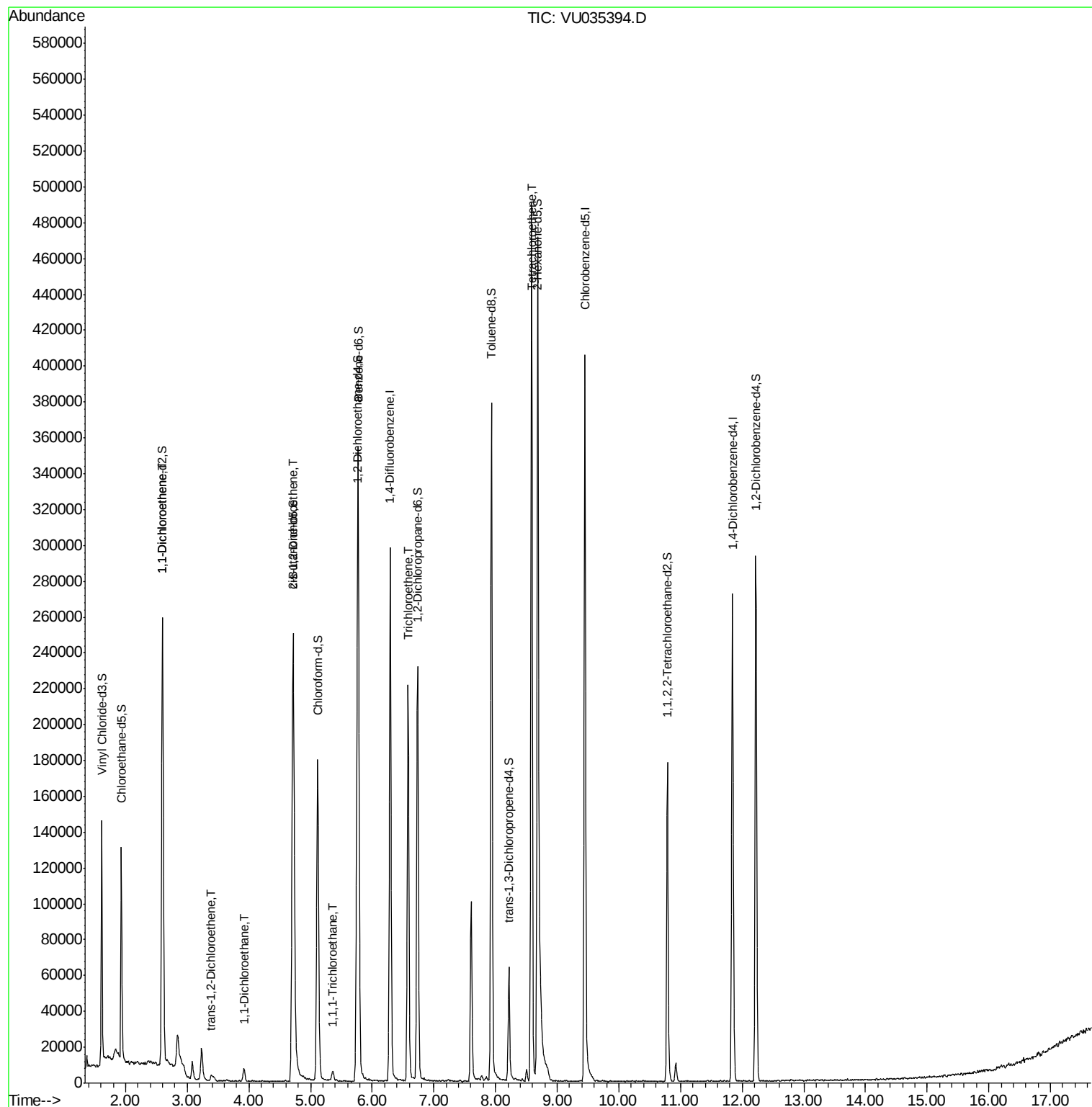
					Ovalue
12) 1,1-Dichloroethene	2.61	96	36551	2.380 ug/L #	56
18) trans-1,2-Dichloroethene	3.39	96	1380	0.083 ug/L #	75
19) 1,1-Dichloroethane	3.92	63	8666	0.289 ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	48407	2.642 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	3692	0.132 ug/L	96
34) Trichloroethene	6.58	95	74721	3.959 ug/L	95
47) Tetrachloroethene	8.58	164	110206	7.009 ug/L	99

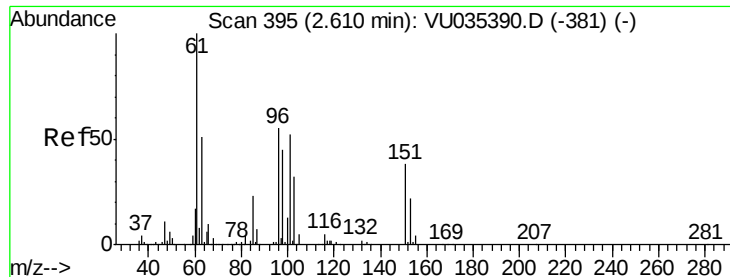
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 08:10:07 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.380 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035394.D

Acq: 23 Oct 2019 05:33

Instrument :

MSVOA_U

ClientSampleId :

C0K32DL

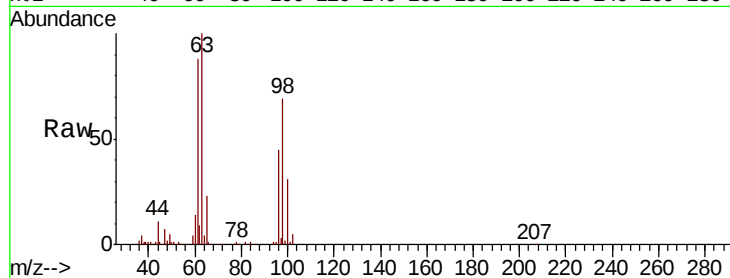
Tot Ion: 96 Resp: 36551

Ion Ratio Lower Upper

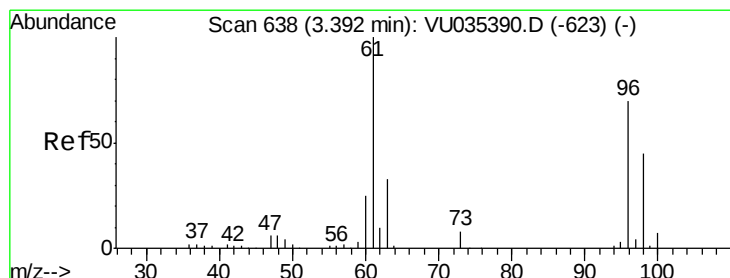
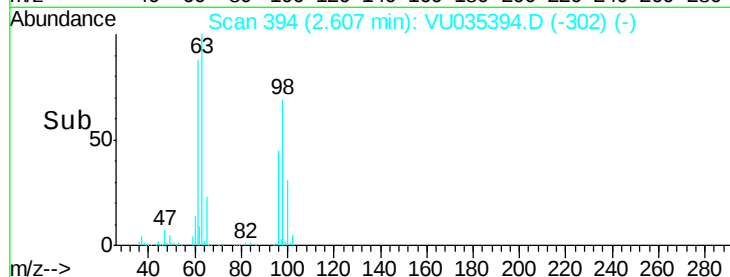
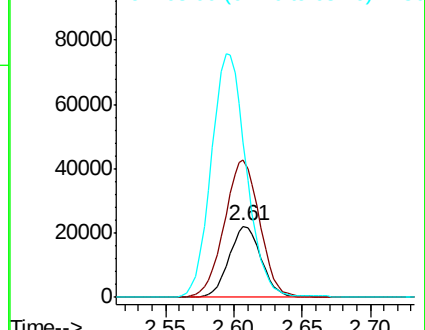
96 100

61 193.2 120.6 224.0

63 219.8 86.8 161.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.083 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035394.D

Acq: 23 Oct 2019 05:33

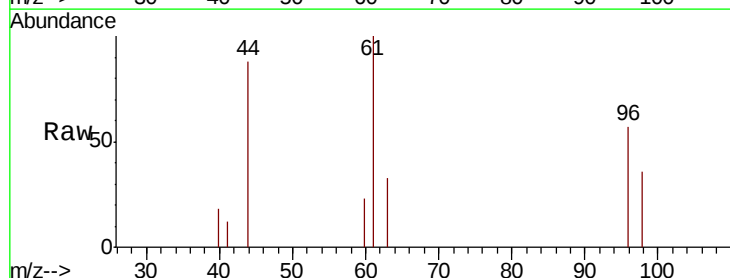
Tgt Ion: 96 Resp: 1380

Ion Ratio Lower Upper

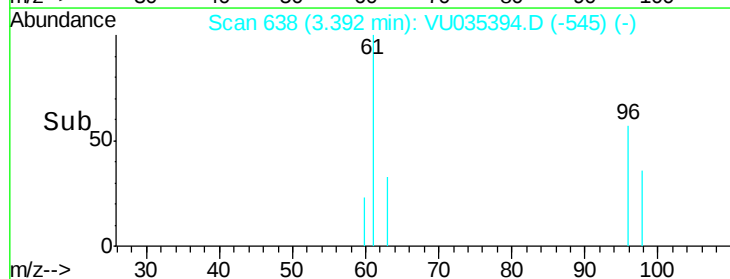
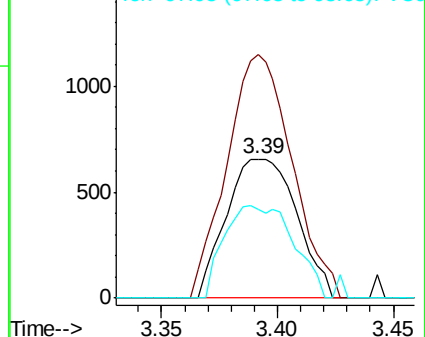
96 100

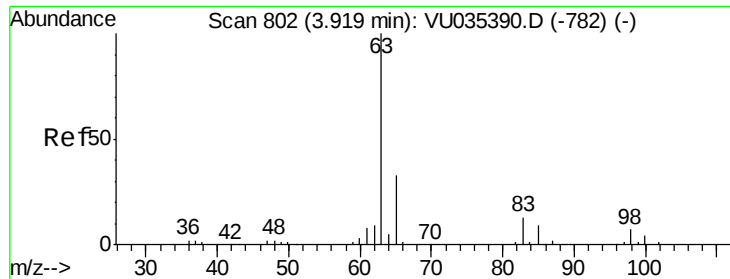
61 175.3 93.0 172.6#

98 63.7 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

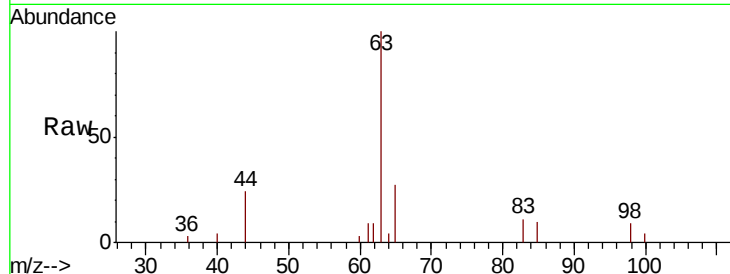




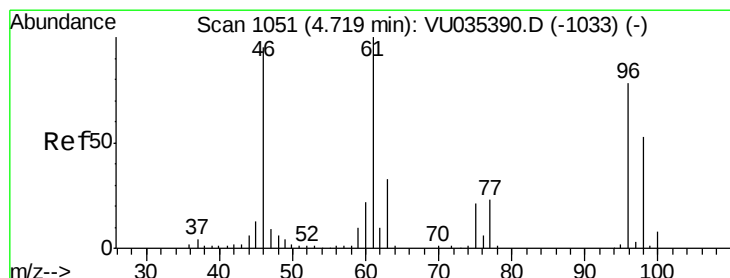
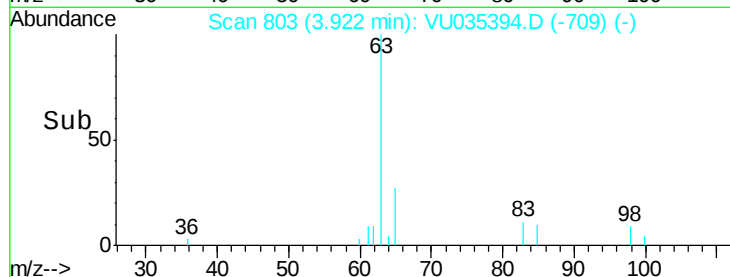
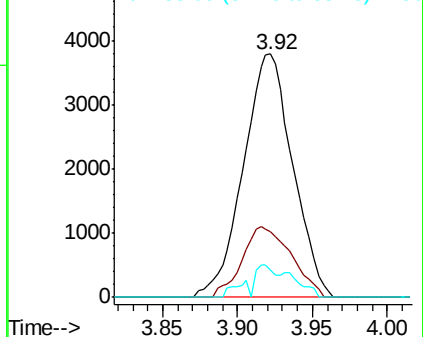
#19
 1,1-Dichloroethane
 Concen: 0.289 ug/L
 RT: 3.92 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VU035394.D
 Acq: 23 Oct 2019 05:33

Instrument :
 MSVOA_U
 ClientSampleId :
 C0K32DL

Tot Ion: 63 Resp: 8666
 Ion Ratio Lower Upper
 63 100
 65 26.8 22.4 41.6
 83 11.5 9.3 17.3

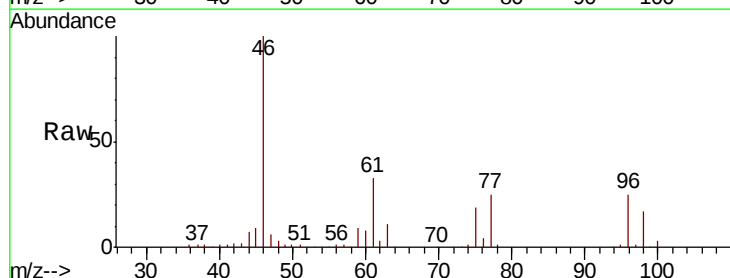


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

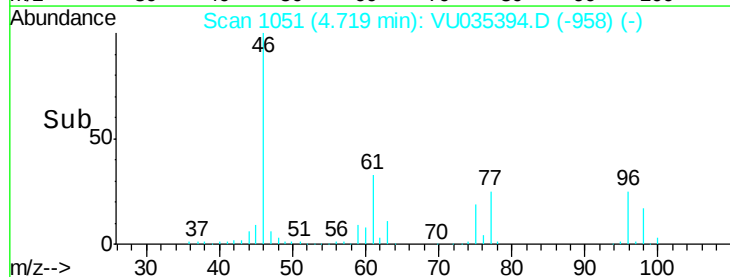
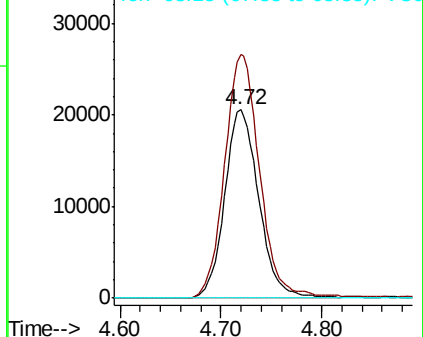


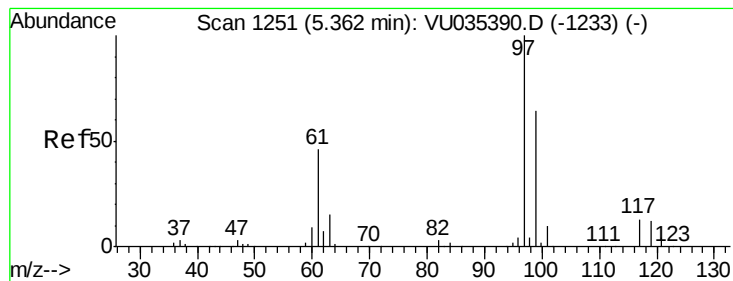
#22
 cis-1,2-Dichloroethene
 Concen: 2.642 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035394.D
 Acq: 23 Oct 2019 05:33

Tgt Ion: 96 Resp: 48407
 Ion Ratio Lower Upper
 96 100
 61 129.3 89.7 166.5
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0





#29

1,1,1-Trichloroethane

Concen: 0.132 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU035394.D

Acq: 23 Oct 2019 05:33

Instrument :

MSVOA_U

ClientSampleId :

C0K32DL

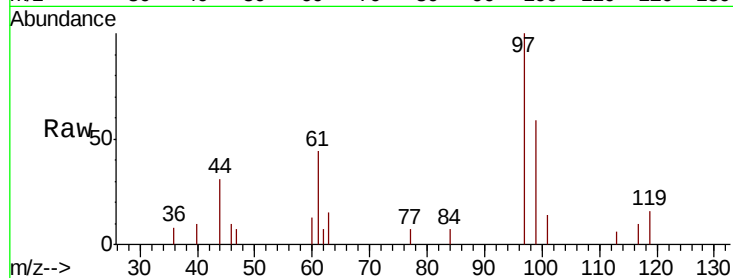
Tot Ion: 97 Resp: 3692

Ion Ratio Lower Upper

97 100

99 62.9 52.6 79.0

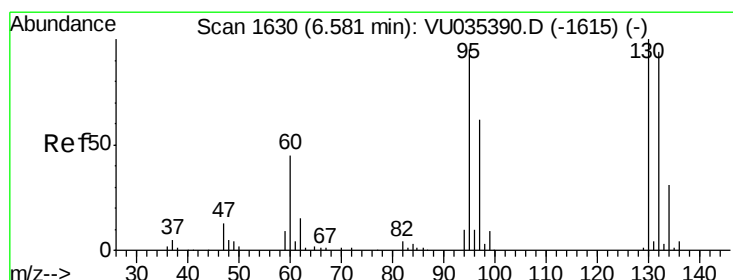
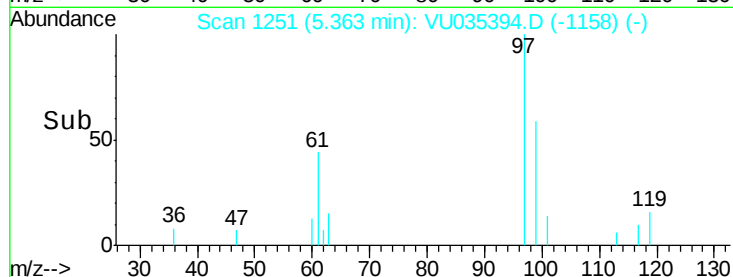
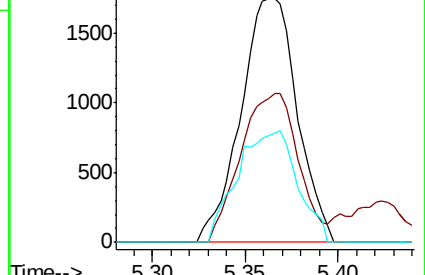
61 48.8 37.0 55.4



Abundance Ion 96.95 (96.65 to 97.65): VU035394.D (-1233) (-)

Ion 99.05 (98.75 to 99.75): VU035394.D (-1233) (-)

Ion 61.05 (60.75 to 61.75): VU035394.D (-1233) (-)



#34

Trichloroethene

Concen: 3.959 ug/L

RT: 6.58 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU035394.D

Acq: 23 Oct 2019 05:33

Tgt Ion: 95 Resp: 74721

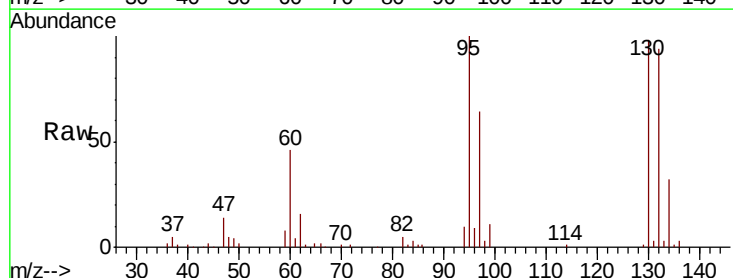
Ion Ratio Lower Upper

95 100

97 64.0 46.6 86.6

132 93.9 68.7 127.7

130 98.0 73.9 137.3

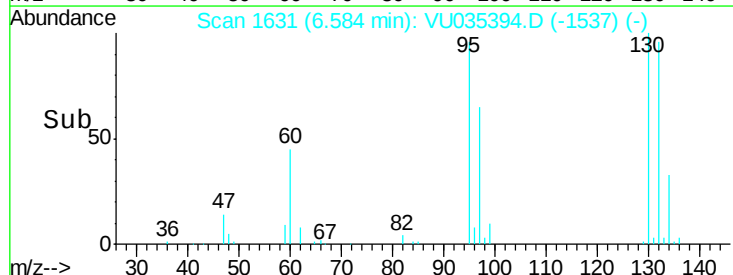
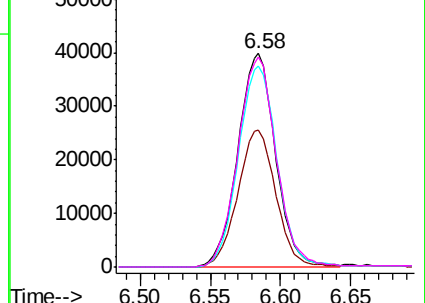


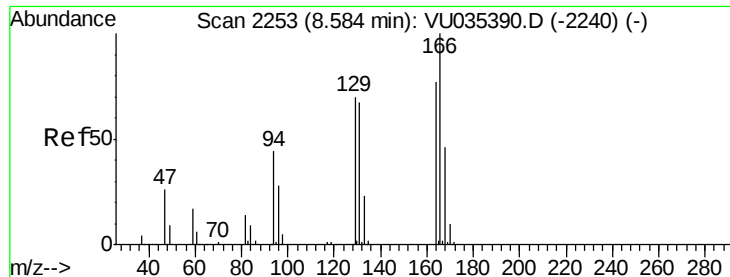
Abundance Ion 95.00 (94.70 to 95.70): VU035394.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU035394.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU035394.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU035394.D (-1615) (-)





#47

Tetrachloroethene

Concen: 7.009 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU035394.D

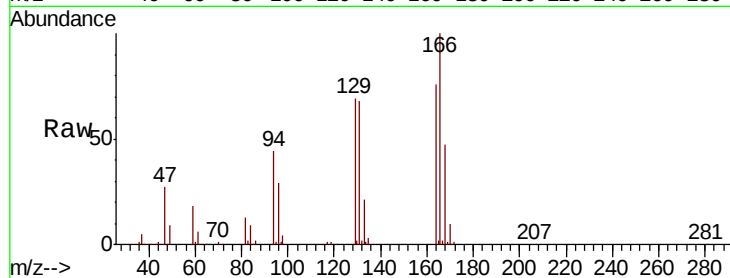
Acq: 23 Oct 2019 05:33

Instrument :

MSVOA_U

ClientSampleId :

C0K32DL



Tot Ion:164 Resp: 110206

Ion Ratio Lower Upper

164 100

129 89.9 65.2 121.0

131 89.7 62.9 116.9

166 131.0 91.5 169.9

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

