

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021820\
 Data File : VU036828.D
 Acq On : 18 Feb 2020 11:57
 Operator : JC/MD
 Sample : L1539-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7

Quant Time: Feb 19 05:40:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 04:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	133450	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	126070	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38012	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	38075	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.40%
11) 1,1-Dichloroethene-d2	2.59	63	52558	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	4.69	46	112879	46.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.80%
24) Chloroform-d	5.11	84	73136	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.74	65	42901	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.77	84	154546	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.73	67	51391	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.93	98	137559	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.20%
43) trans-1,3-Dichloropropene-	8.21	79	18076	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.67	63	91290	42.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40171	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	43667	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

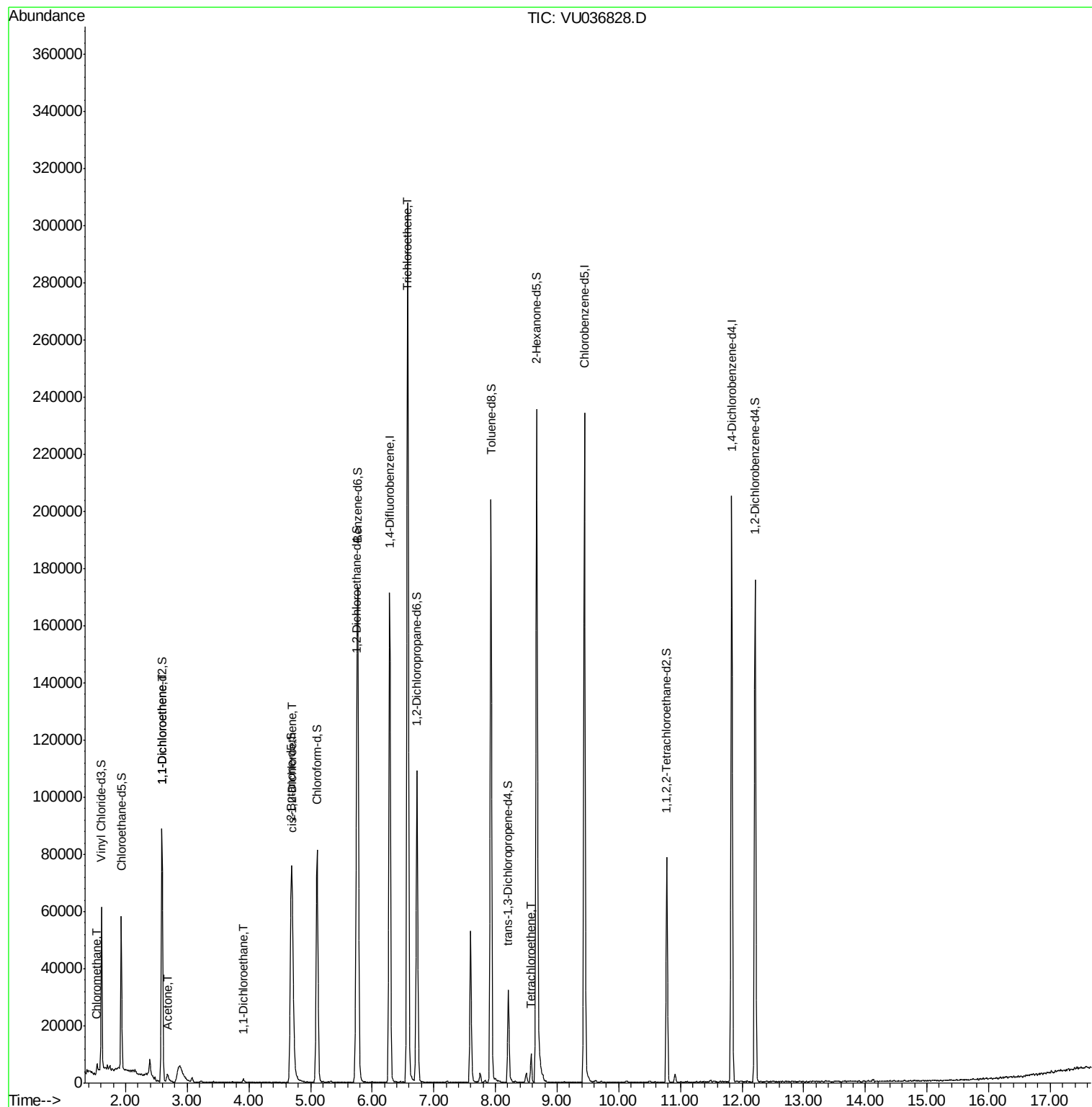
					Ovalue
3) Chloromethane	1.53	50	2201	0.240 ug/L	89
12) 1,1-Dichloroethene	2.60	96	1217	0.150 ug/L #	1
13) Acetone	2.68	43	4761	1.547 ug/L	95
19) 1,1-Dichloroethane	3.91	63	1626	0.093 ug/L #	87
22) cis-1,2-Dichloroethene	4.71	96	12183	1.202 ug/L	98
34) Trichloroethene	6.57	95	106793	10.783 ug/L	98
47) Tetrachloroethene	8.58	164	2098	0.311 ug/L	92

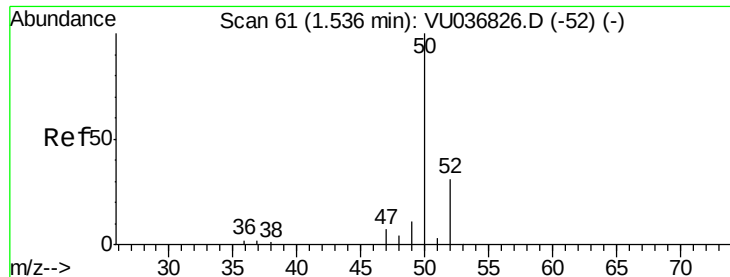
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.240 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

Instrument :

MSVOA_U

ClientSampleId :

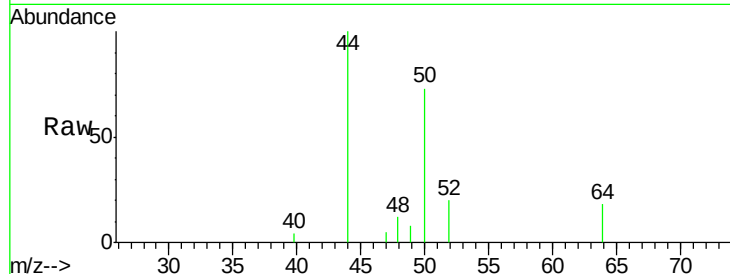
C0AK7

Tot Ion: 50 Resp: 2201

Ion Ratio Lower Upper

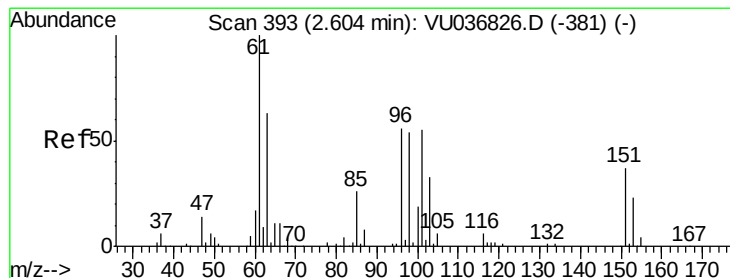
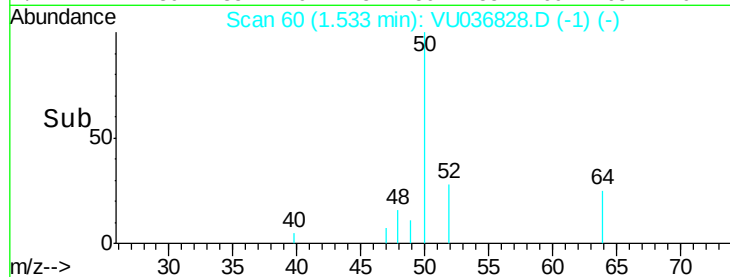
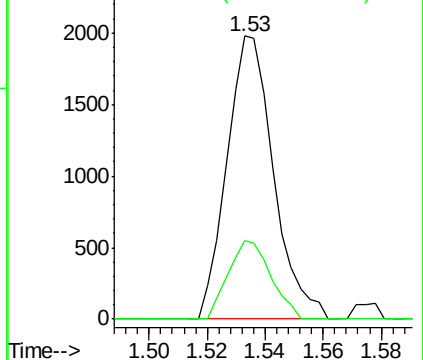
50 100

52 27.7 23.8 44.2



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.150 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

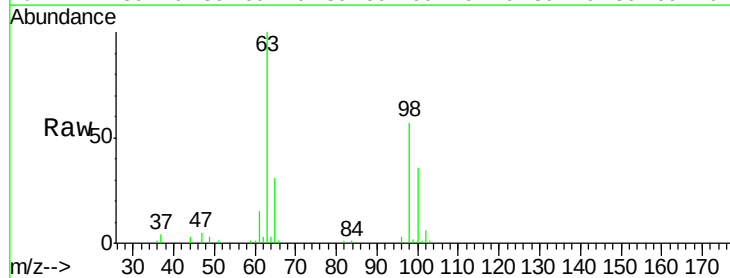
Tgt Ion: 96 Resp: 1217

Ion Ratio Lower Upper

96 100

61 511.9 126.4 234.8#

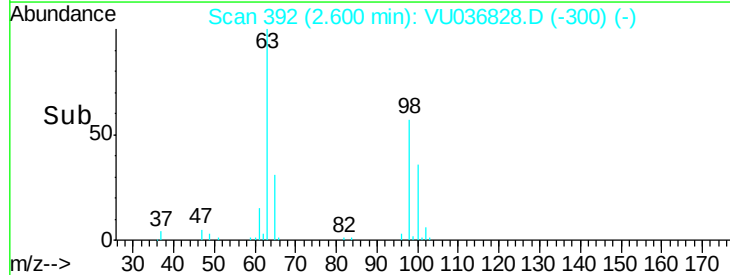
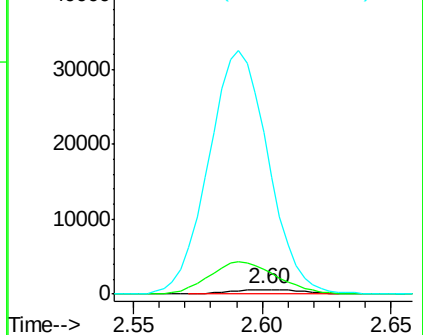
63 3331.3 89.5 166.3#

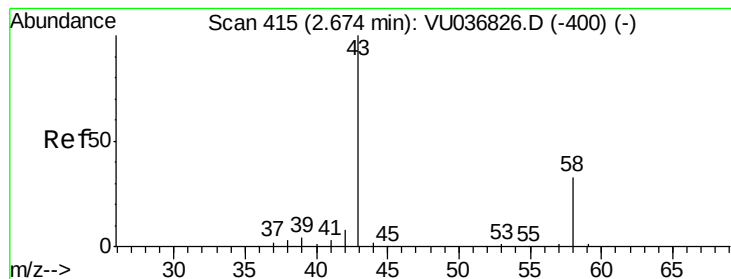


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.547 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

Instrument :

MSVOA_U

ClientSampleId :

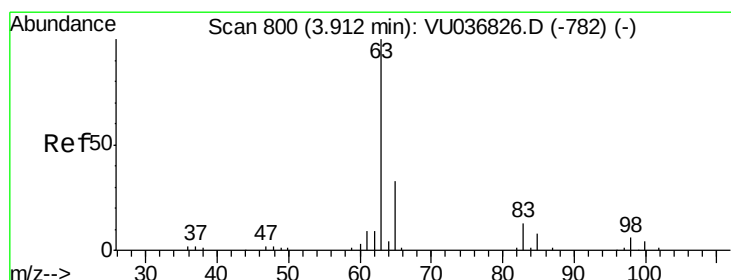
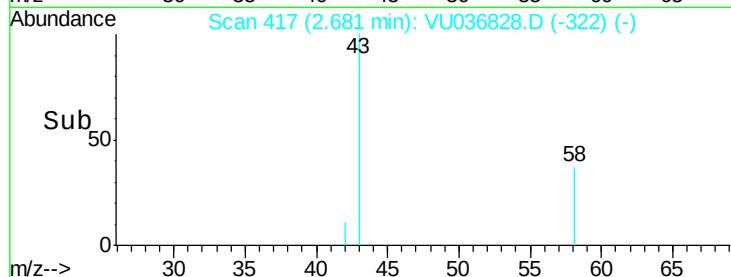
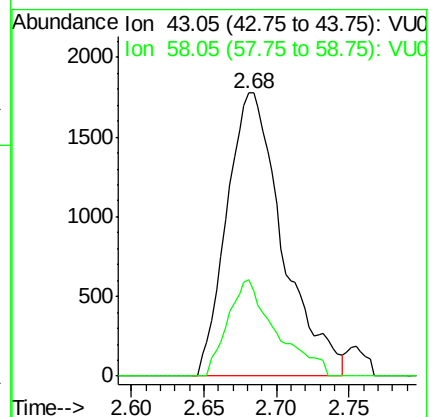
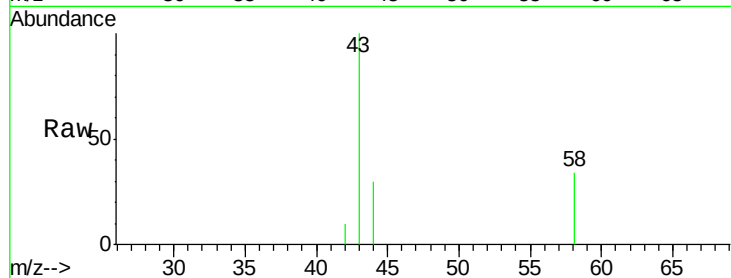
C0AK7

Tot Ion: 43 Resp: 4761

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.2



#19

1,1-Dichloroethane

Concen: 0.093 ug/L

RT: 3.91 min Scan# 800

Delta R.T. -0.00 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

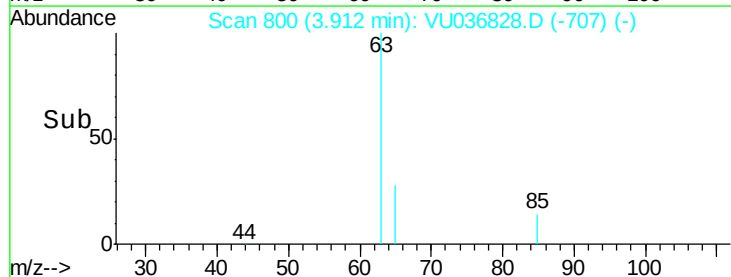
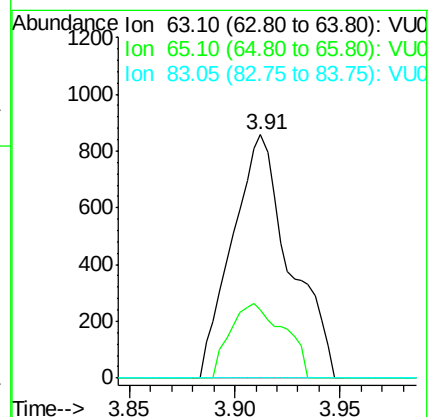
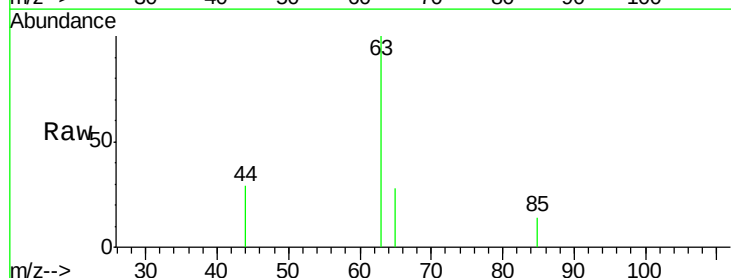
Tgt Ion: 63 Resp: 1626

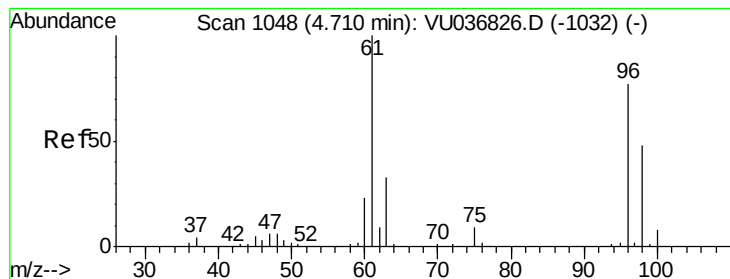
Ion Ratio Lower Upper

63 100

65 28.1 21.6 40.2

83 0.0 8.8 16.3#





#22

cis-1,2-Dichloroethene

Concen: 1.202 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

Instrument :

MSVOA_U

ClientSampleId :

C0AK7

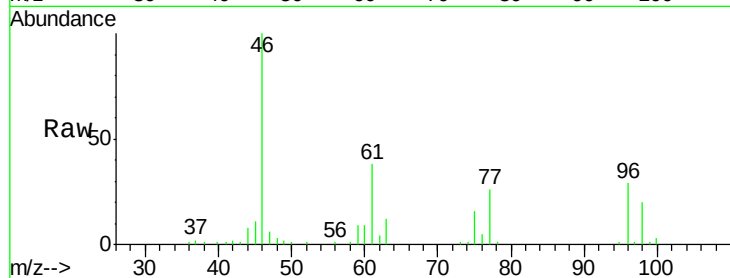
Tot Ion: 96 Resp: 12183

Ion Ratio Lower Upper

96 100

61 132.6 91.2 169.4

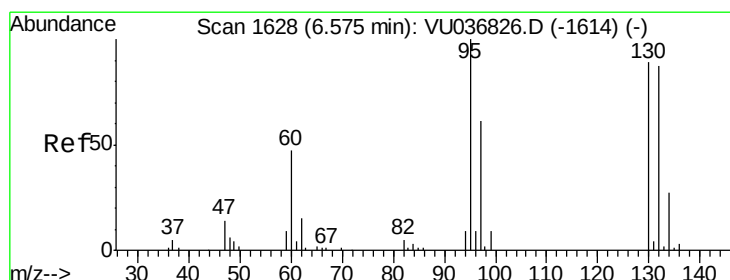
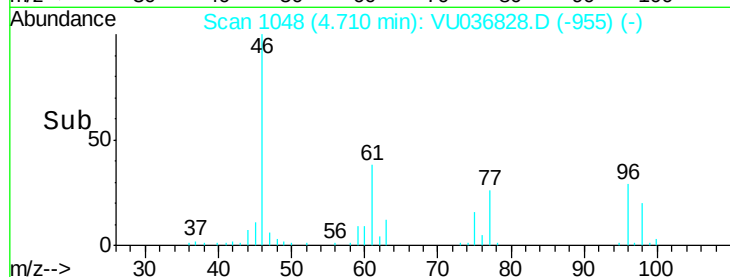
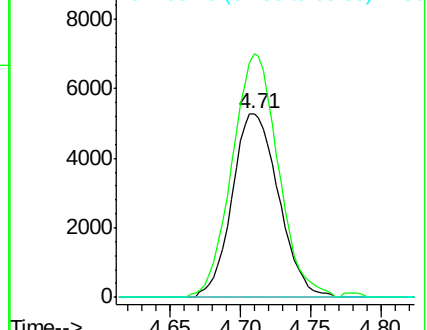
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036828.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036828.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036828.D (-1032) (-)



#34

Trichloroethene

Concen: 10.783 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036828.D

Acq: 18 Feb 2020 11:57

Tgt Ion: 95 Resp: 106793

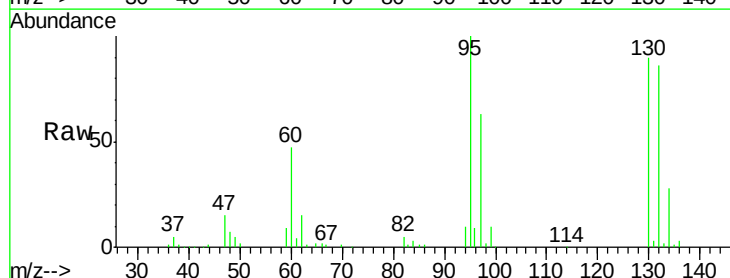
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.8

132 86.3 62.8 116.6

130 90.2 63.8 118.4

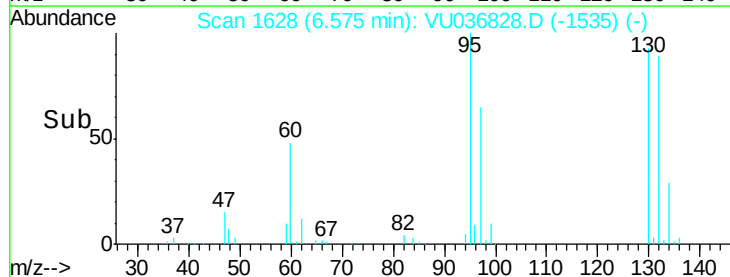
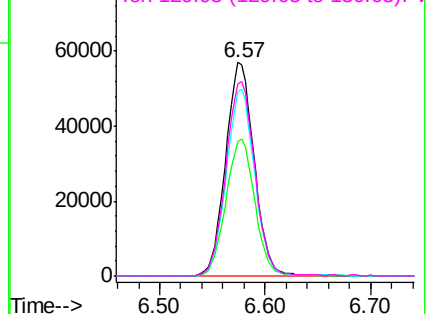


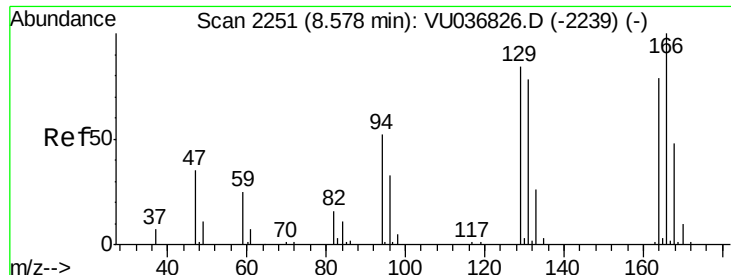
Abundance Ion 95.00 (94.70 to 95.70): VU036828.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036828.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036828.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036828.D (-1614) (-)





#47

Tetrachloroethene

Concen: 0.311 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU036828.D

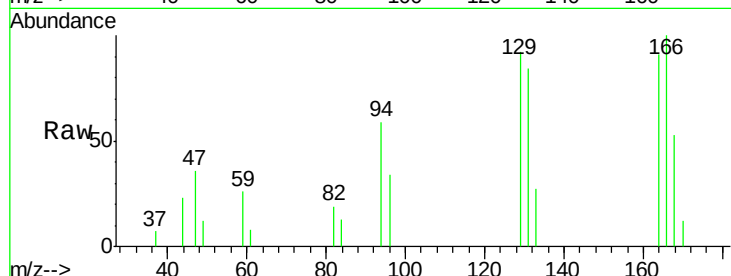
Acq: 18 Feb 2020 11:57

Instrument :

MSVOA_U

ClientSampleId :

C0AK7



Tot Ion:164 Resp: 2098

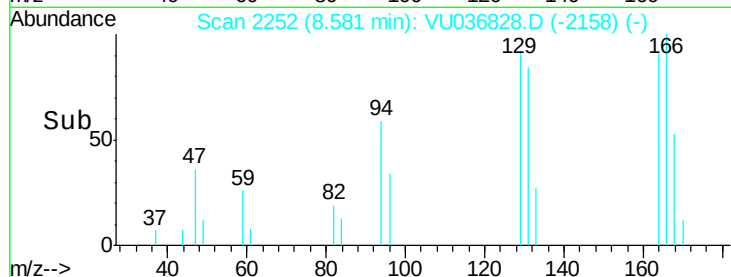
Ion Ratio Lower Upper

164 100

129 101.3 68.0 126.4

131 92.2 69.4 128.8

166 110.3 86.6 160.8



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

