

Data File : VU034703.D
Acq On : 20 Sep 2019 21:13
Operator : JC/SP
Sample : K4948-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX5

Quant Time: Sep 21 05:30:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	476589	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	449932	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	197550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189773	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.80%
7) Chloroethane-d5	1.67	69	163663	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.26	63	263645	31.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.82%
21) 2-Butanone-d5	4.15	46	381028	101.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.90%
24) Chloroform-d	4.62	84	331199	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.29	65	242036	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.32	84	661752	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.31	67	238666	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.54	98	613159	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.83	79	104542	44.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.56%
47) 2-Hexanone-d5	8.29	63	244271	99.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	310002	45.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.68%
64) 1,2-Dichlorobenzene-d4	11.84	152	201209	48.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.14%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2331	0.717 ug/L #	25
13) Acetone	2.31	43	32722	7.523 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	330460	82.901 ug/L	99
34) Trichloroethene	6.17	95	20204	5.243 ug/L	96
46) Tetrachloroethene	8.21	164	127520	47.041 ug/L	93
48) 2-Hexanone	8.29	43	30820	4.448 ug/L #	74

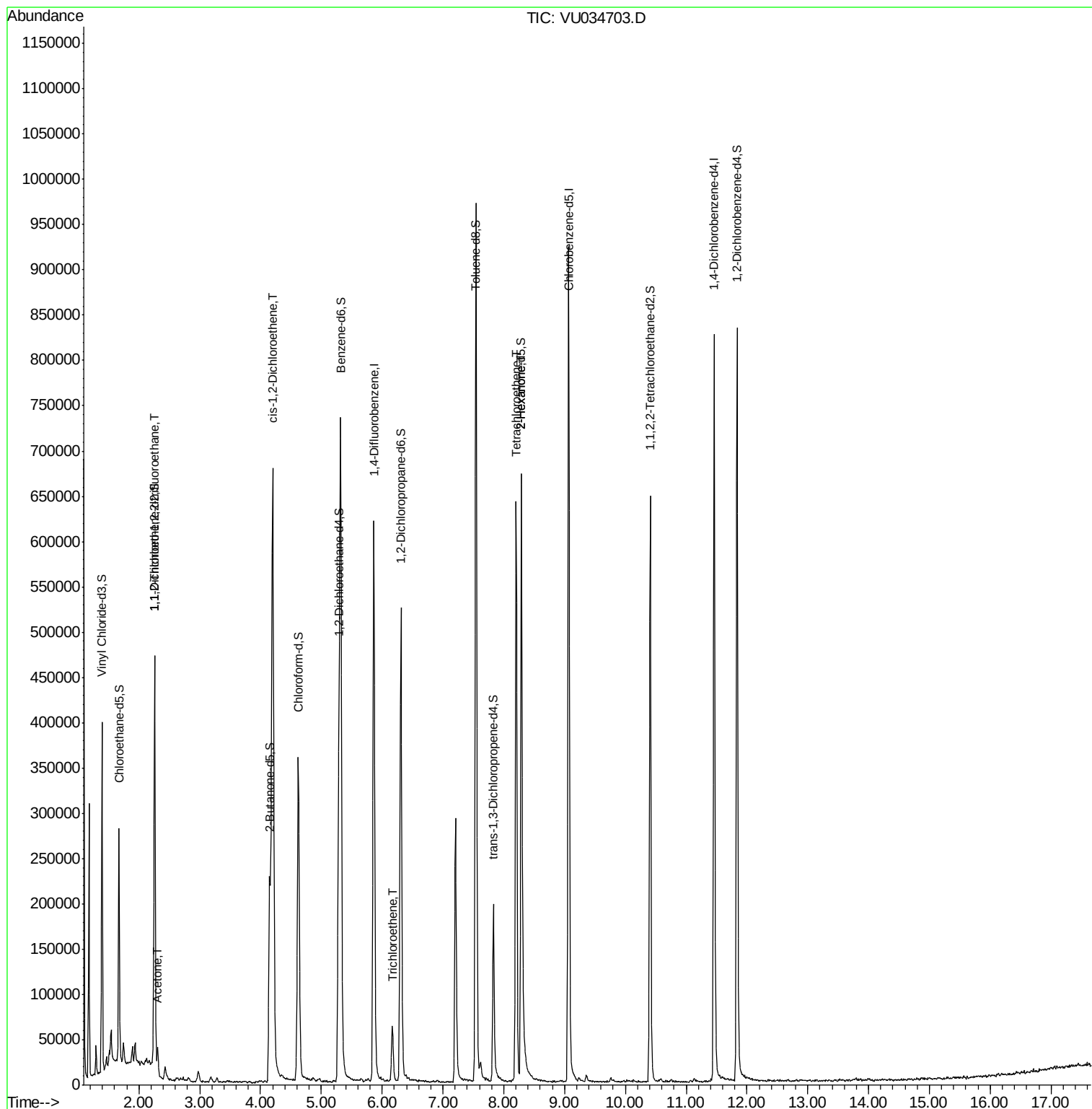
(#) = qualifier out of range (m) = manual integration (+) = signals summed

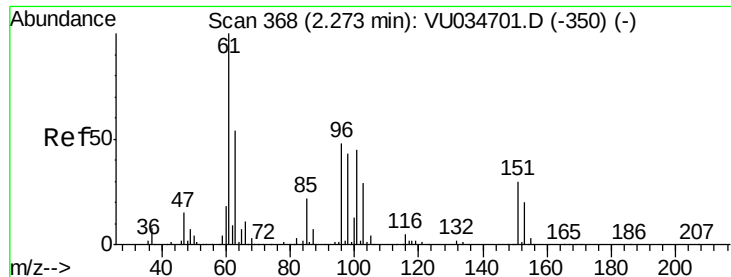
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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.717 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Instrument :

MSVOA_U

ClientSampled :

BFCX5

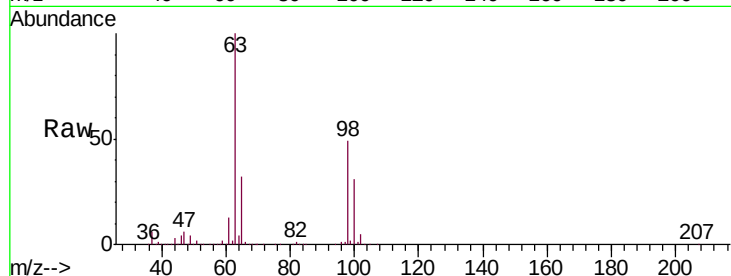
Tgt Ion:101 Resp: 2331

Ion Ratio Lower Upper

101 100

85 3.2 39.0 58.4#

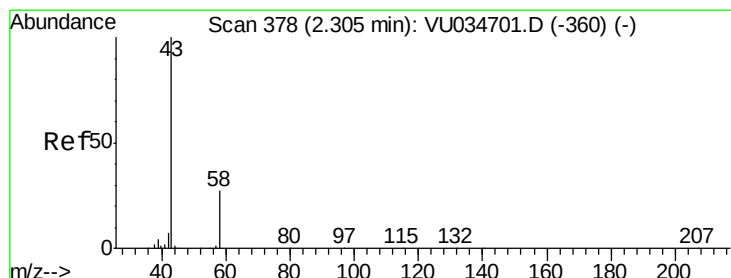
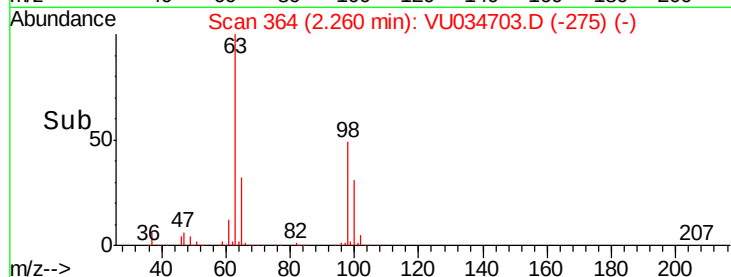
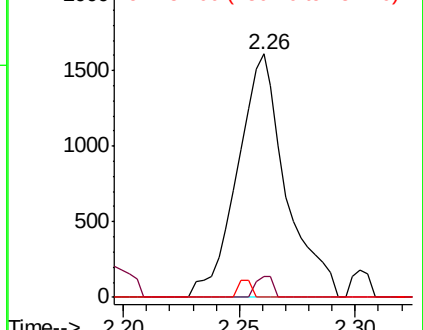
151 1.9 52.8 79.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 7.523 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034703.D

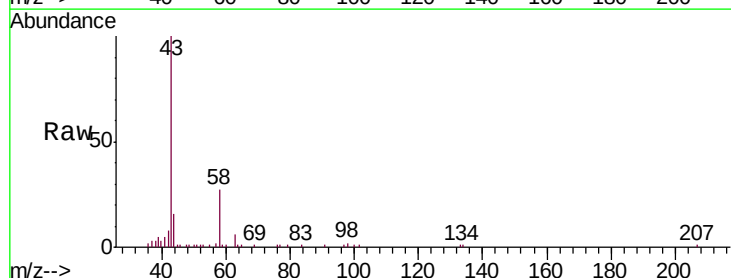
Acq: 20 Sep 2019 21:13

Tgt Ion: 43 Resp: 32722

Ion Ratio Lower Upper

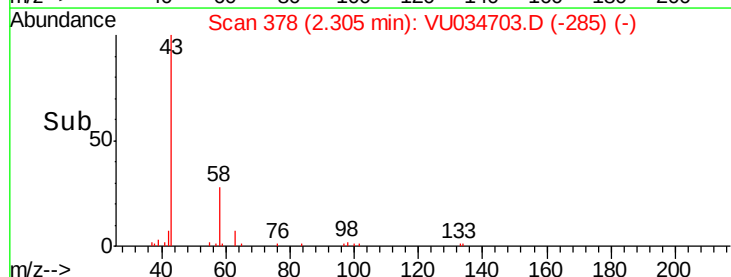
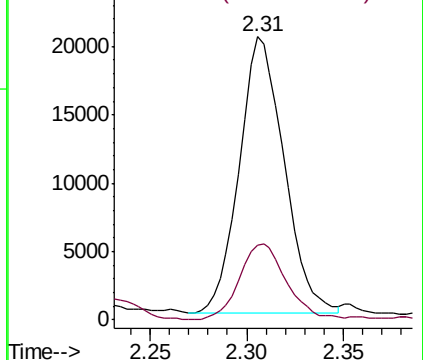
43 100

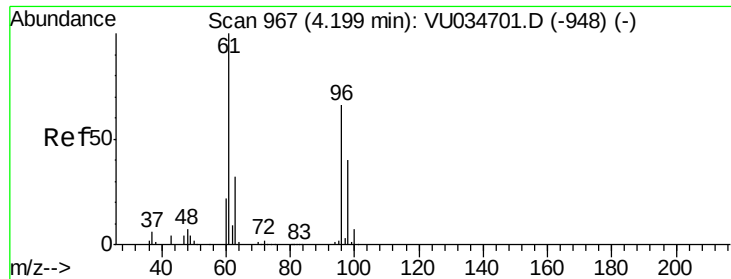
58 28.5 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 82.901 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Instrument :

MSVOA_U

ClientSampleId :

BFCX5

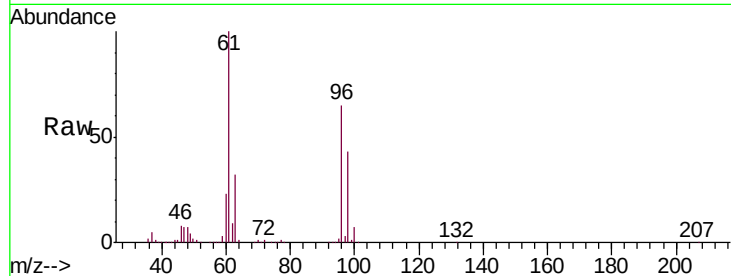
Tgt Ion: 96 Resp: 330460

Ion Ratio Lower Upper

96 100

61 153.7 108.8 202.2

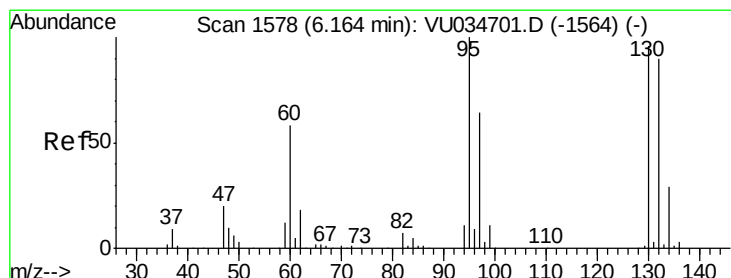
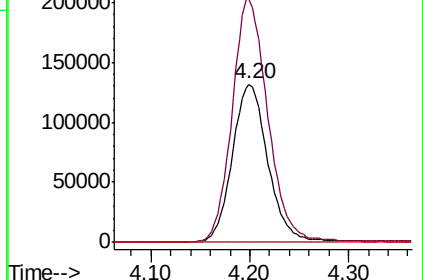
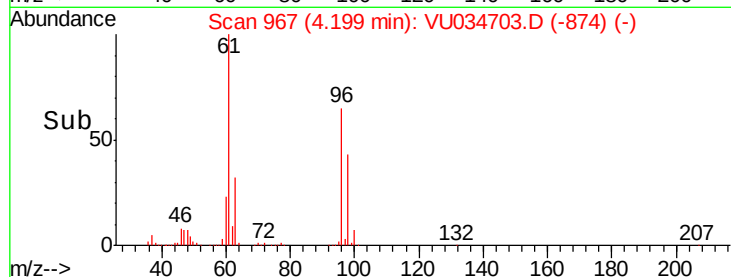
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034703.D (-874) (-)

Ion 61.00 (60.70 to 61.70): VU034703.D (-874) (-)

Ion 68.00 (67.70 to 68.70): VU034703.D (-874) (-)



#34

Trichloroethene

Concen: 5.243 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034703.D

Acq: 20 Sep 2019 21:13

Tgt Ion: 95 Resp: 20204

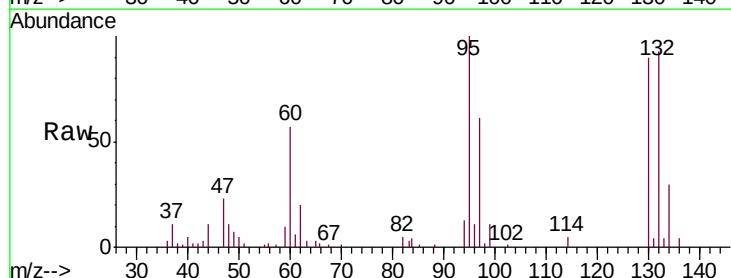
Ion Ratio Lower Upper

95 100

97 61.4 43.7 81.1

132 92.9 61.0 113.2

130 89.8 65.7 121.9

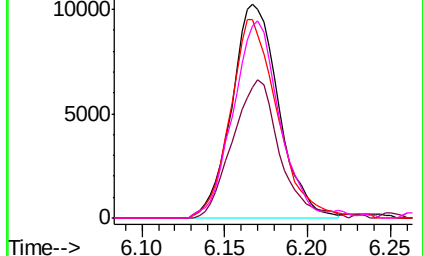
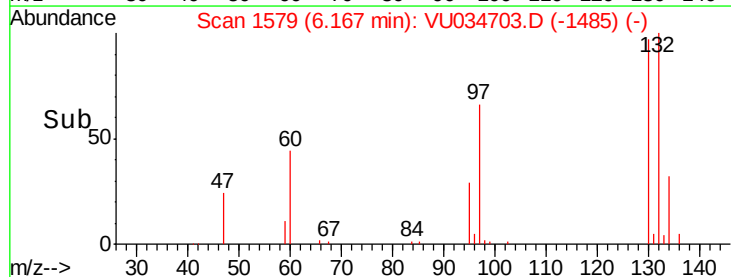


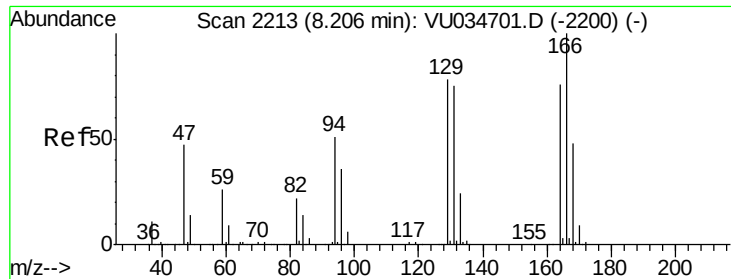
Abundance Ion 95.00 (94.70 to 95.70): VU034703.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VU034703.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VU034703.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VU034703.D (-1485) (-)

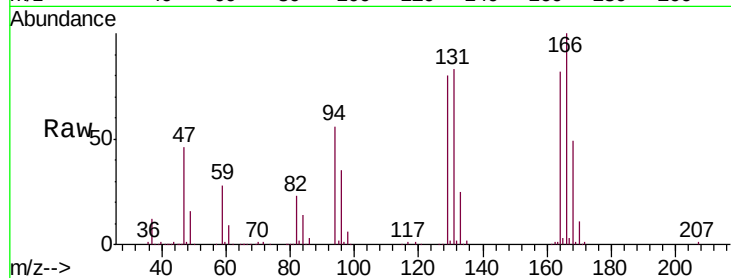




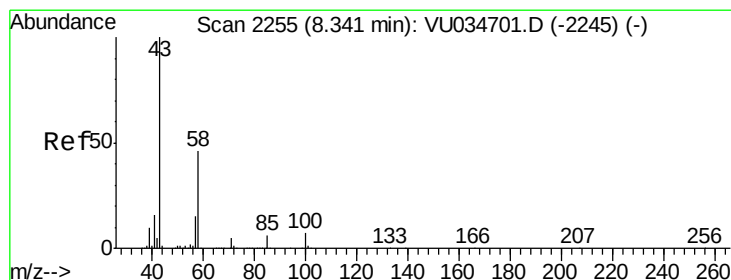
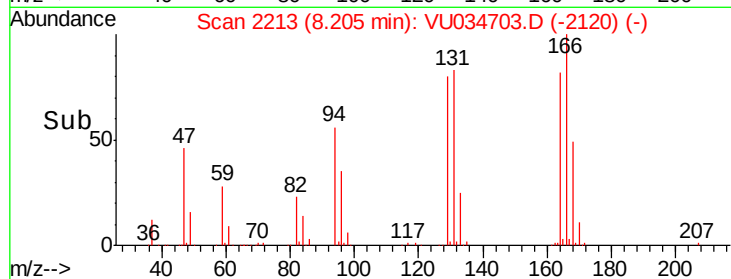
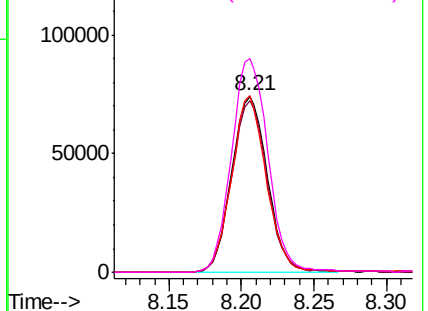
#46
Tetrachloroethene
Concen: 47.041 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034703.D
Acq: 20 Sep 2019 21:13

Instrument :
MSVOA_U
ClientSampleId :
BFCX5

Tgt Ion:	164	Resp:	127520
Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.9	133.5
131	100.5	66.3	123.1
166	121.7	93.4	173.6

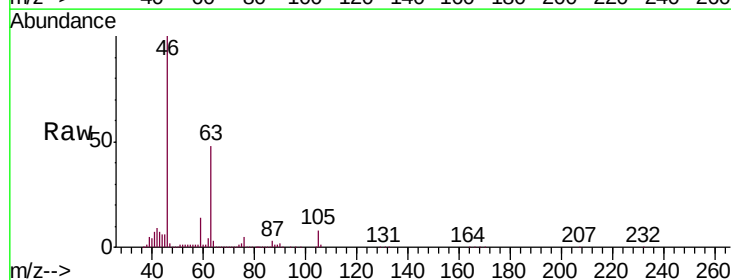


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 4.448 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034703.D
Acq: 20 Sep 2019 21:13

Tgt Ion:	43	Resp:	30820
Ion	Ratio	Lower	Upper
43	100		
58	24.8	35.3	52.9#
57	21.9	12.1	18.1#
100	0.3	6.2	9.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

