

Data File : VU031550.D
Acq On : 26 Apr 2019 23:06
Operator : JC/SP
Sample : K2536-22 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X10

Quant Time: Apr 27 03:31:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	857812	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	782111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316107	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	366519	51.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.10%
7) Chloroethane-d5	1.68	69	286865	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.42%
11) 1,1-Dichloroethene-d2	2.27	63	531843	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	4.18	46	679815	104.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.51%
24) Chloroform-d	4.64	84	607051	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
26) 1,2-Dichloroethane-d4	5.31	65	398228	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
32) Benzene-d6	5.34	84	1249377	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.32	67	440811	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.34%
41) Toluene-d8	7.56	98	1061552	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%
43) trans-1,3-Dichloropropene-	7.85	79	172028	47.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.86%
47) 2-Hexanone-d5	8.31	63	424725	116.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	554245	48.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	347885	52.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.66%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4509	0.656 ug/L #	26
12) 1,1-Dichloroethene	2.27	96	3800	0.568 ug/L #	1
34) Trichloroethene	6.18	95	73937	10.607 ug/L	97
39) cis-1,3-Dichloropropene	7.22	75	9164	0.850 ug/L #	70
44) trans-1,3-Dichloropropene	7.85	75	6490	0.663 ug/L	92
46) Tetrachloroethene	8.22	164	6515	1.371 ug/L	95

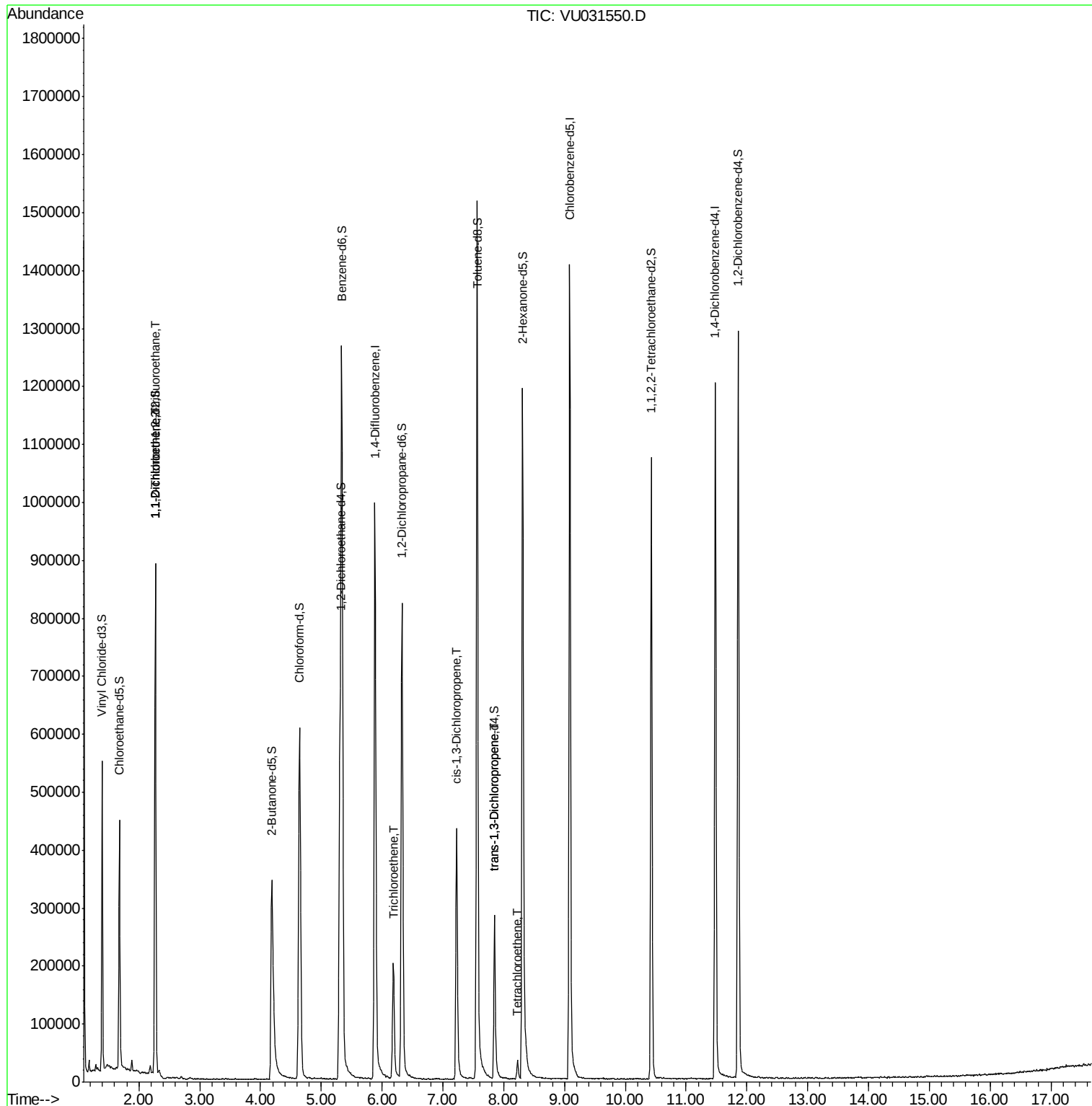
(#) = qualifier out of range (m) = manual integration (+) = signals summed

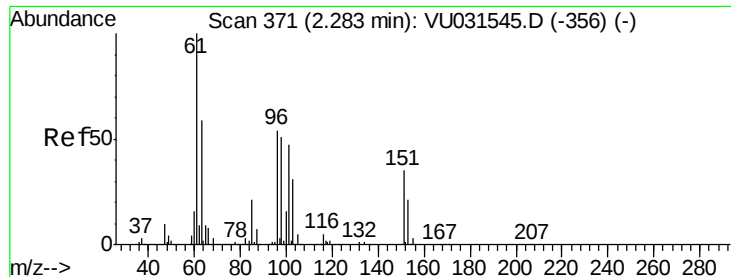
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QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.656 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031550.D

Acq: 26 Apr 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

C0X10

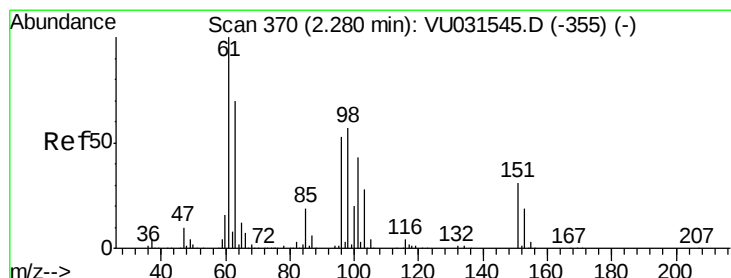
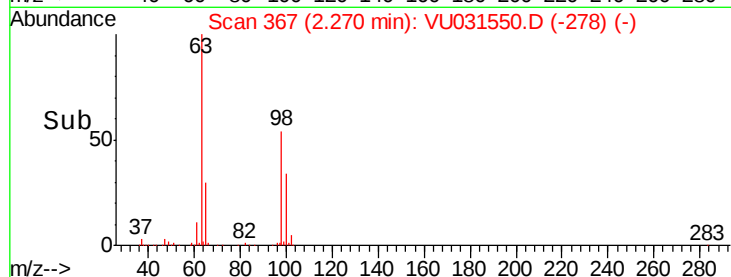
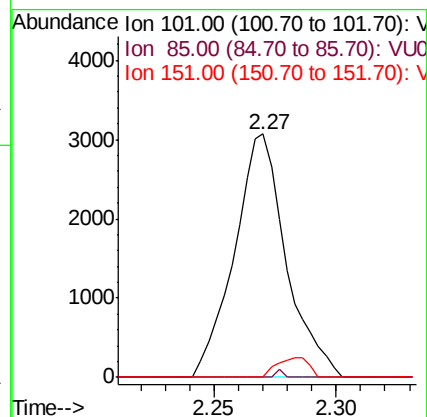
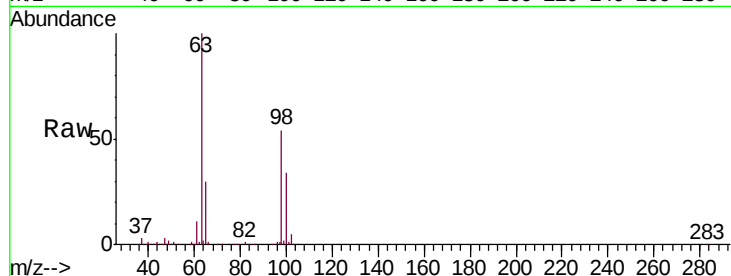
Tgt Ion: 101 Resp: 4509

Ion Ratio Lower Upper

101 100

85 1.0 36.1 54.1#

151 5.2 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031550.D

Acq: 26 Apr 2019 23:06

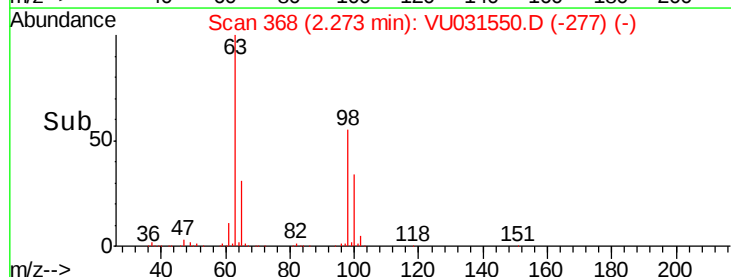
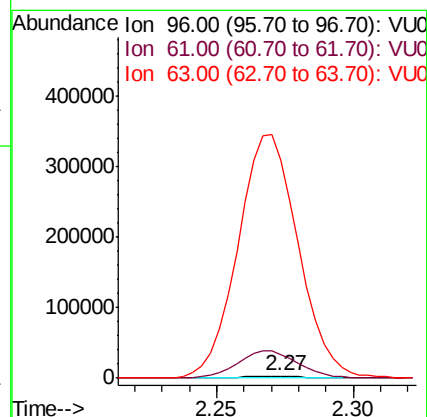
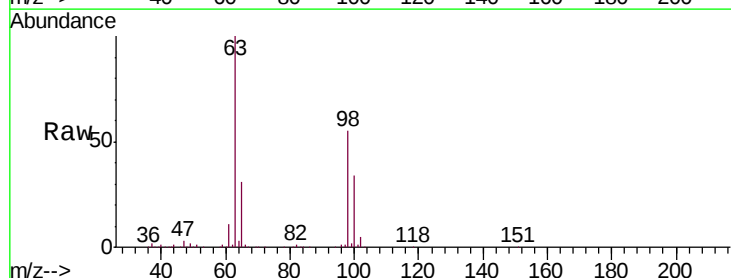
Tgt Ion: 96 Resp: 3800

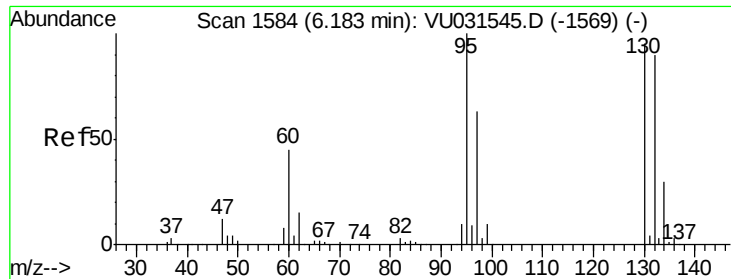
Ion Ratio Lower Upper

96 100

61 1401.3 135.0 250.6#

63 12792.1 103.5 192.3#

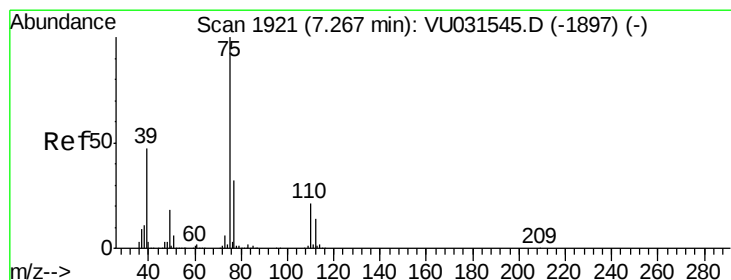
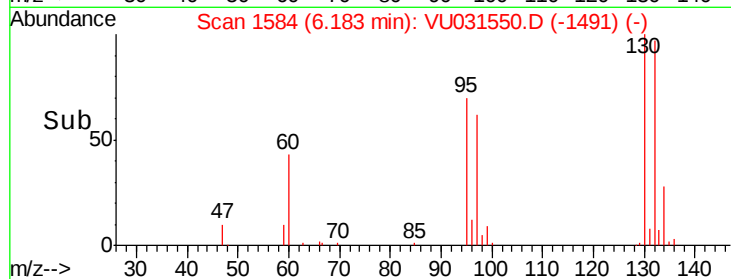
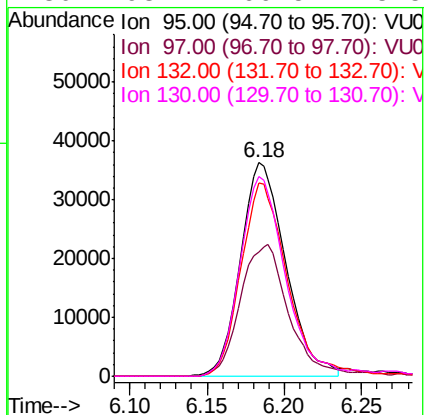
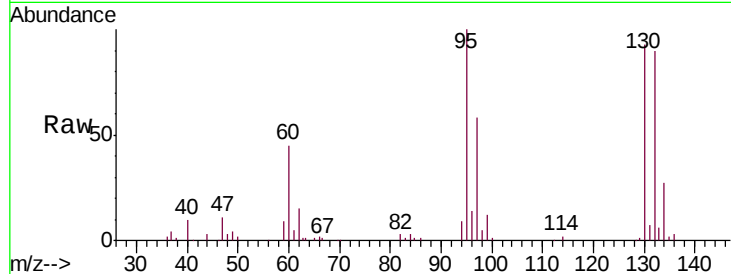




#34
 Trichloroethene
 Concen: 10.607 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031550.D
 Acq: 26 Apr 2019 23:06

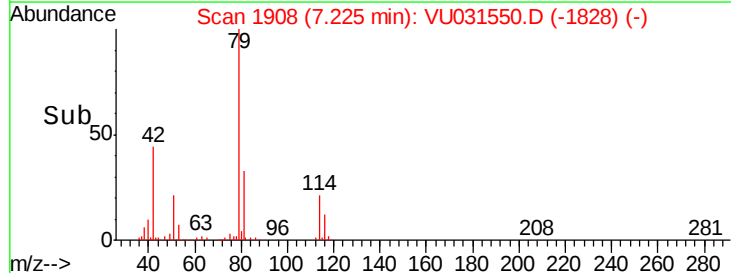
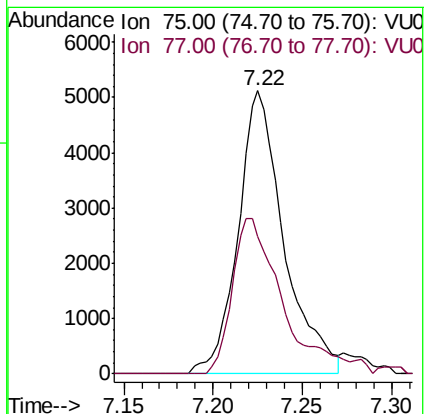
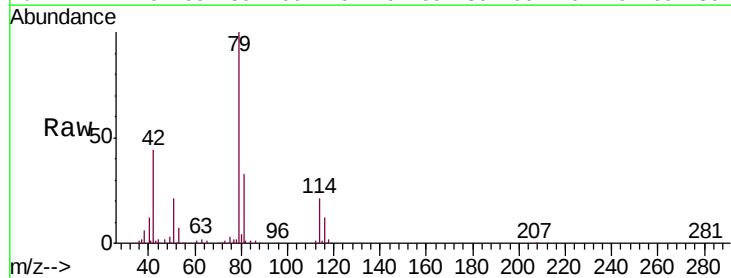
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 C0X10

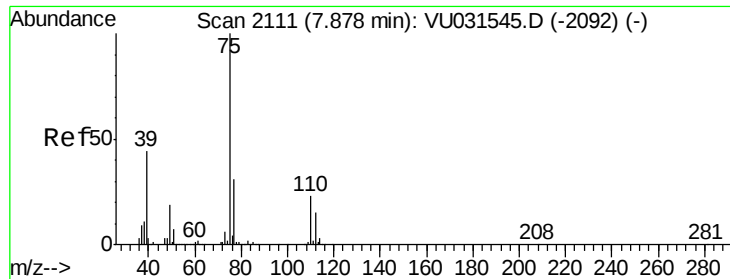
Tgt Ion: 95 Resp: 73937
 Ion Ratio Lower Upper
 95 100
 97 58.1 44.8 83.2
 132 90.4 63.1 117.1
 130 93.4 66.5 123.5



#39
 cis-1,3-Dichloropropene
 Concen: 0.850 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU031550.D
 Acq: 26 Apr 2019 23:06

Tgt Ion: 75 Resp: 9164
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031550.D

Acq: 26 Apr 2019 23:06

Instrument :

MSVOA_U

ClientSampleId :

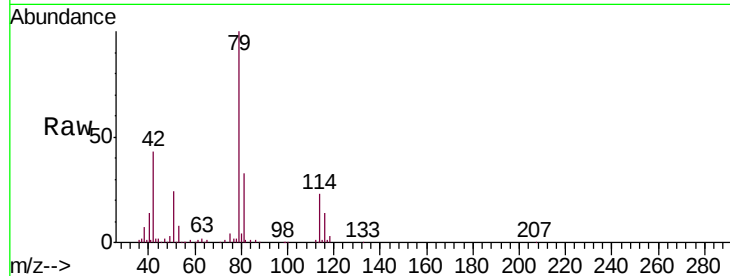
C0X10

Tgt Ion: 75 Resp: 6490

Ion Ratio Lower Upper

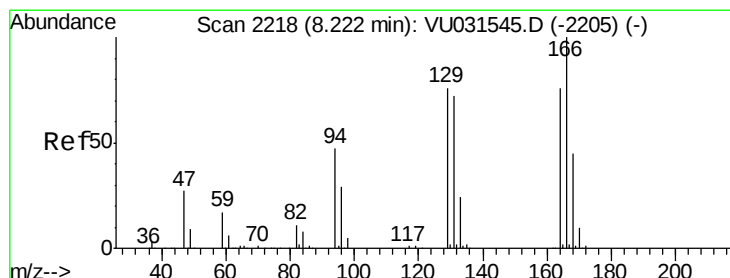
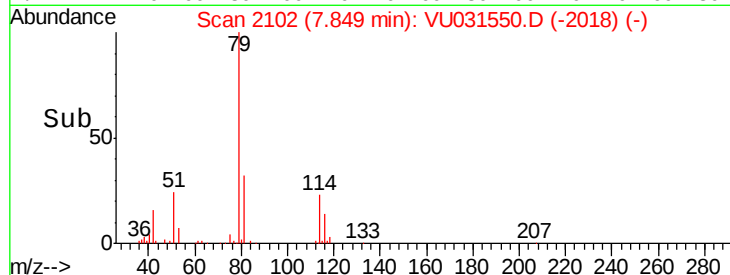
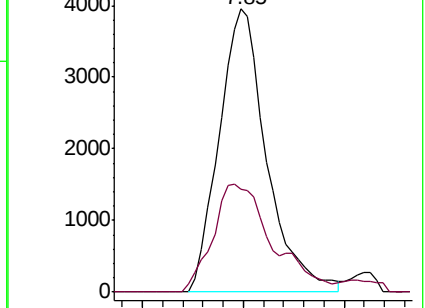
75 100

77 36.2 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031550.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU031550.D (-2102) (-)



#46

Tetrachloroethene

Concen: 1.371 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031550.D

Acq: 26 Apr 2019 23:06

Tgt Ion: 164 Resp: 6515

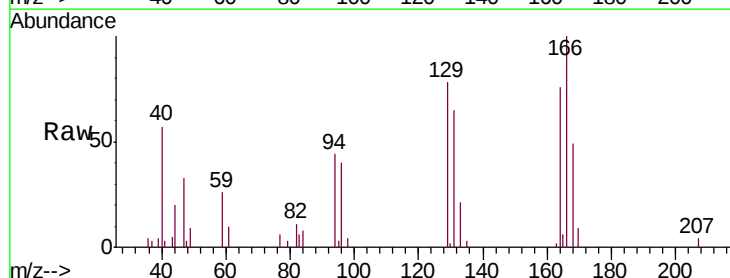
Ion Ratio Lower Upper

164 100

129 103.4 71.5 132.9

131 85.2 69.0 128.2

166 132.0 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031550.D (-2218) (-)

Ion 129.00 (128.70 to 129.70): VU031550.D (-2218) (-)

Ion 131.00 (130.70 to 131.70): VU031550.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU031550.D (-2218) (-)

