

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031240.D
 Acq On : 17 Apr 2019 04:02
 Operator : JC/SP
 Sample : K2428-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF4

Quant Time: Apr 17 06:05:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 17 04:13:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	489714	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498674	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	170629	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.66%
7) Chloroethane-d5	1.68	69	164351	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.94%
11) 1,1-Dichloroethene-d2	2.27	63	285230	31.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.86%
21) 2-Butanone-d5	4.19	46	292662	89.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	4.64	84	316999	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
26) 1,2-Dichloroethane-d4	5.31	65	205637	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
32) Benzene-d6	5.34	84	644102	40.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.72%
36) 1,2-Dichloropropane-d6	6.32	67	211645	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.74%
41) Toluene-d8	7.56	98	514841	37.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.22%#
43) trans-1,3-Dichloropropene-	7.85	79	91764	37.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.04%
47) 2-Hexanone-d5	8.31	63	212620	88.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	290724	40.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.86%
64) 1,2-Dichlorobenzene-d4	11.86	152	189501	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%

Target Compounds

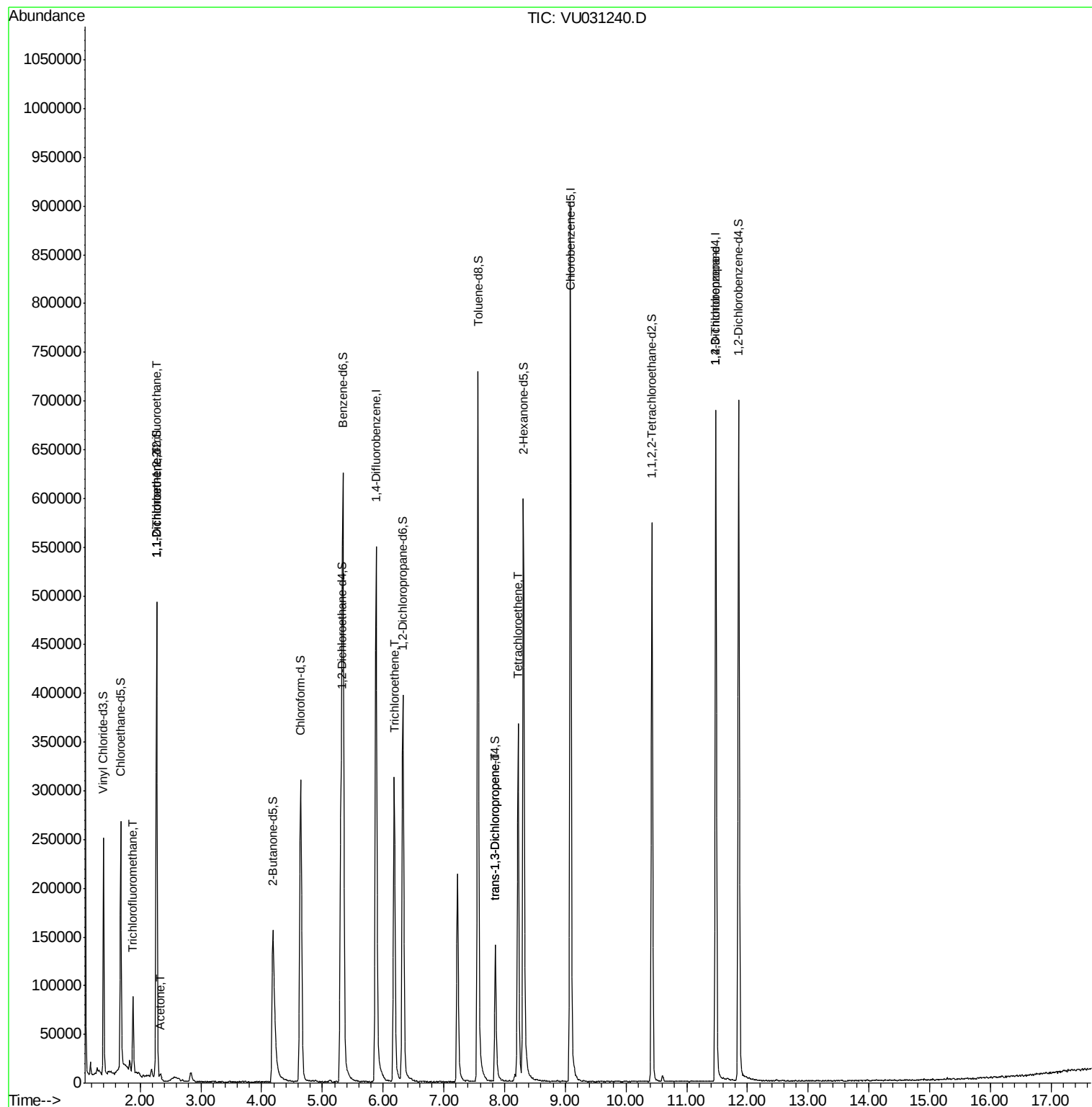
					Qvalue
9) Trichlorofluoromethane	1.88	101	44862	6.013 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2436	0.624 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2279	0.595 ug/L #	1
13) Acetone	2.34	43	2752	1.089 ug/L	59
34) Trichloroethene	6.18	95	118054	28.131 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3678	0.636 ug/L	84
46) Tetrachloroethene	8.22	164	87168	27.616 ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	22282	4.218 ug/L	96

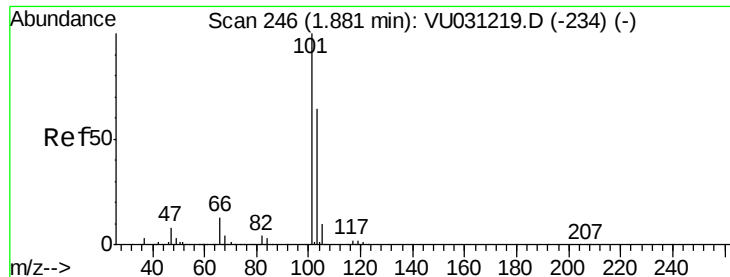
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 6.013 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031240.D

Acq: 17 Apr 2019 04:02

Instrument :

MSVOA_U

ClientSampleId :

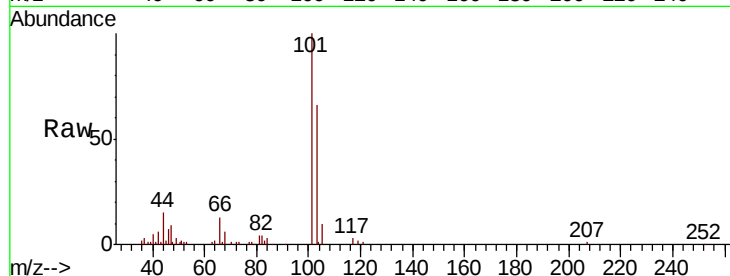
C0XF4

Tgt Ion:101 Resp: 44862

Ion Ratio Lower Upper

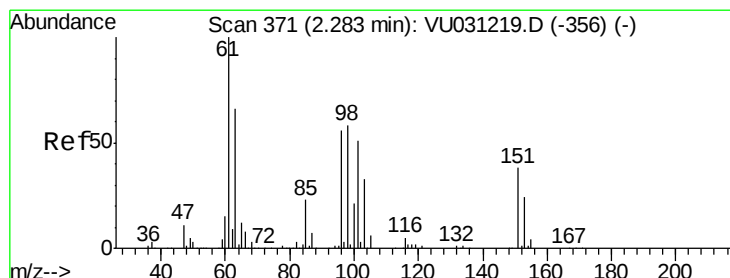
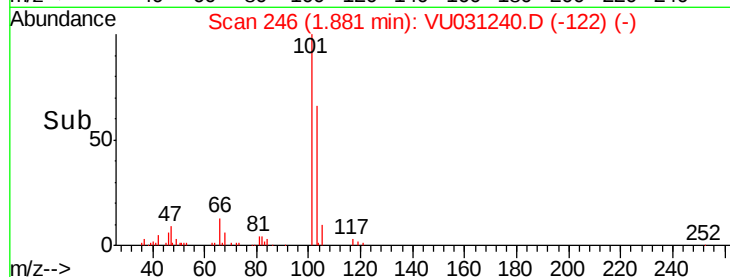
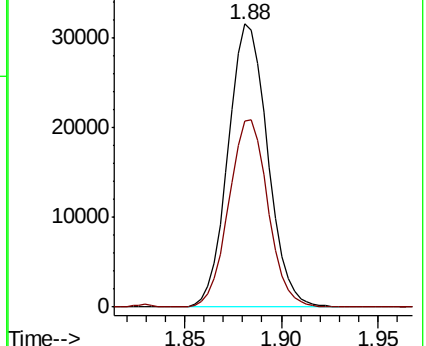
101 100

103 65.5 53.0 79.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.624 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031240.D

Acq: 17 Apr 2019 04:02

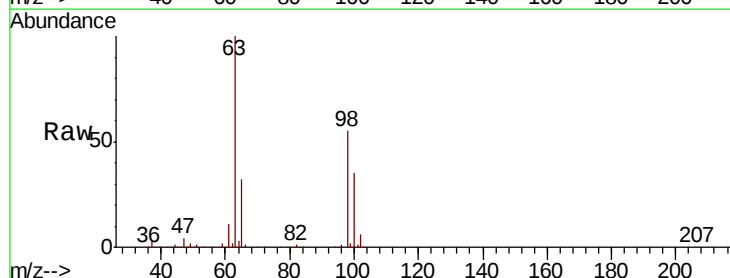
Tgt Ion:101 Resp: 2436

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

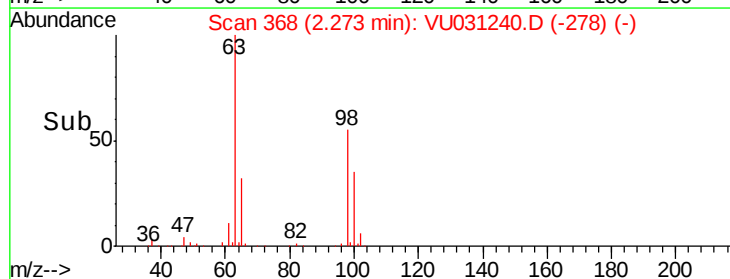
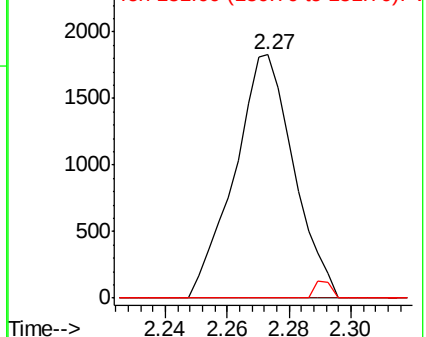
151 2.0 59.8 89.8#

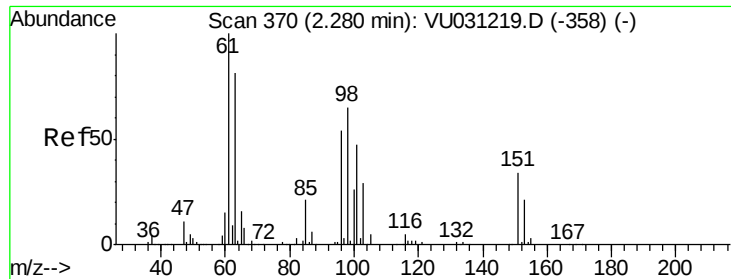


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.595 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031240.D

Acq: 17 Apr 2019 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0XF4

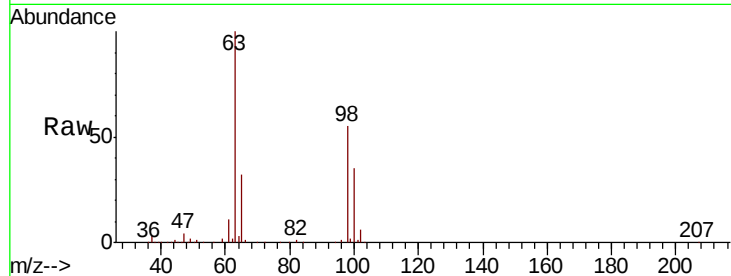
Tgt Ion: 96 Resp: 2279

Ion Ratio Lower Upper

96 100

61 1369.6 130.4 242.2#

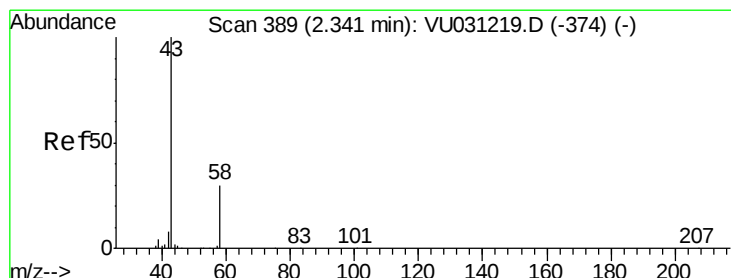
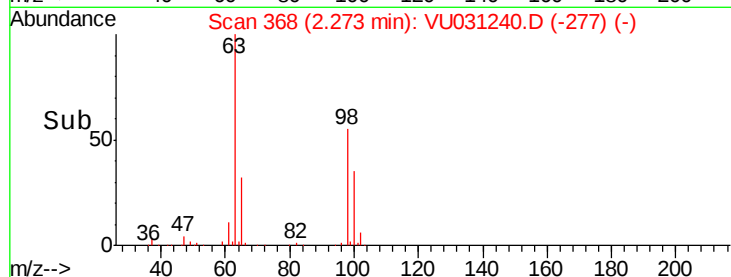
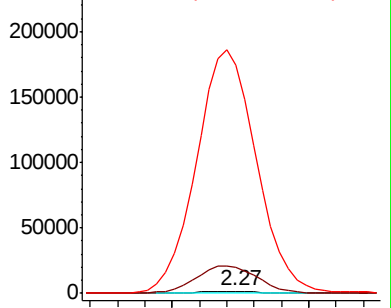
63 12075.1 108.9 202.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031240.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031240.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031240.D (-277) (-)



#13

Acetone

Concen: 1.089 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: VU031240.D

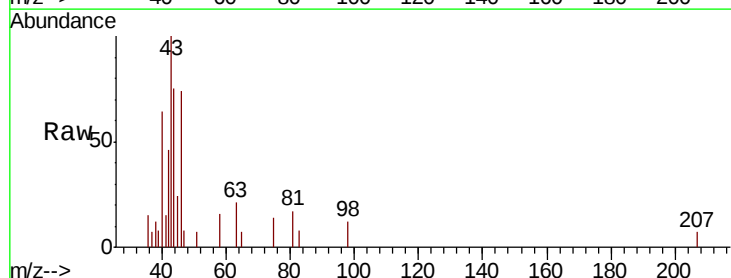
Acq: 17 Apr 2019 04:02

Tgt Ion: 43 Resp: 2752

Ion Ratio Lower Upper

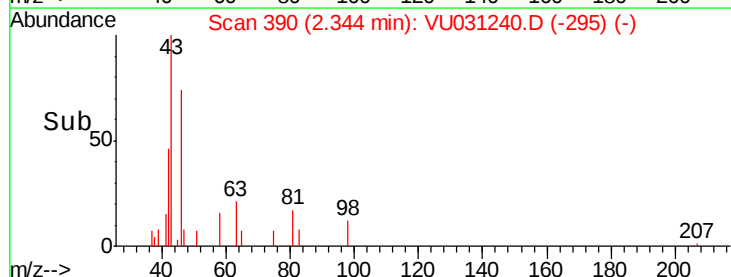
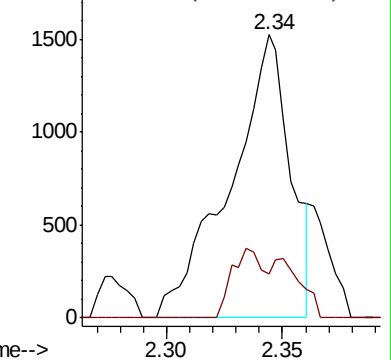
43 100

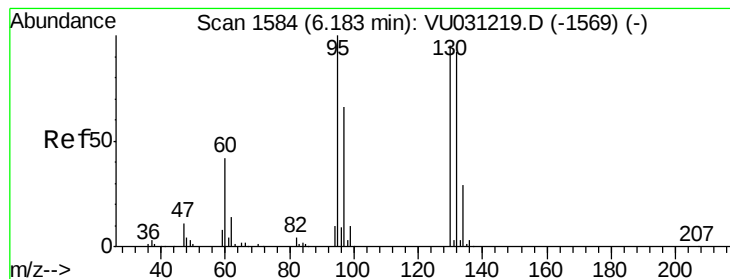
58 9.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU031240.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031240.D (-295) (-)





#34

Trichloroethene

Concen: 28.131 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031240.D

Acq: 17 Apr 2019 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0XF4

Tgt Ion: 95 Resp: 118054

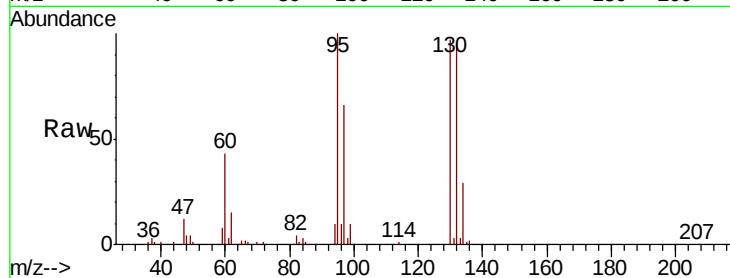
Ion Ratio Lower Upper

95 100

97 66.2 43.6 81.0

132 95.3 64.5 119.7

130 97.0 68.0 126.2



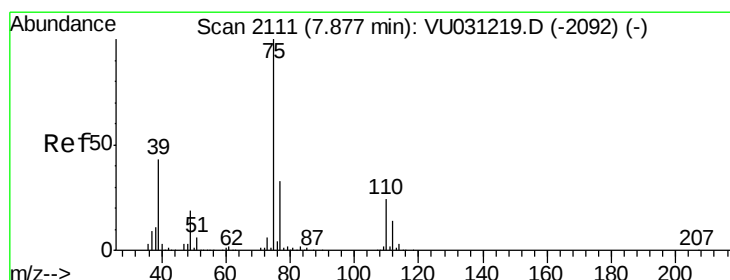
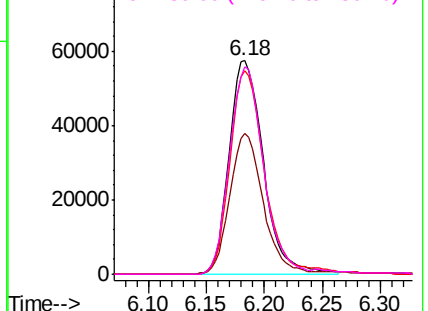
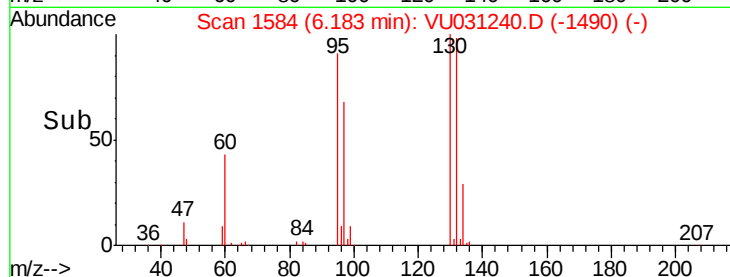
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

trans-1,3-Dichloropropene

Concen: 0.636 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031240.D

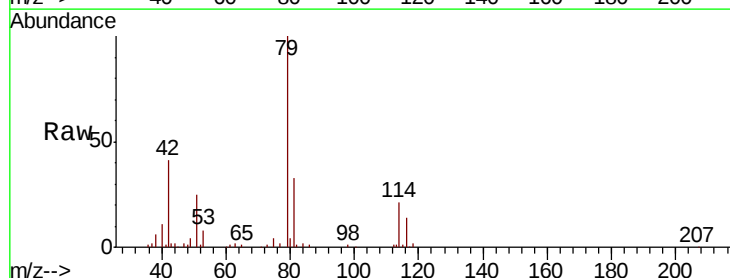
Acq: 17 Apr 2019 04:02

Tgt Ion: 75 Resp: 3678

Ion Ratio Lower Upper

75 100

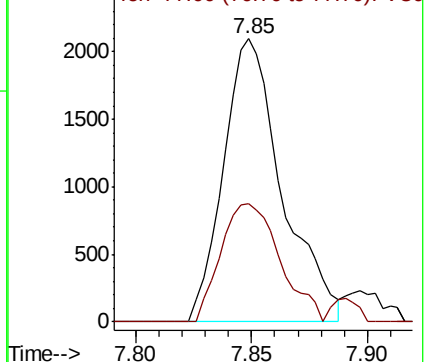
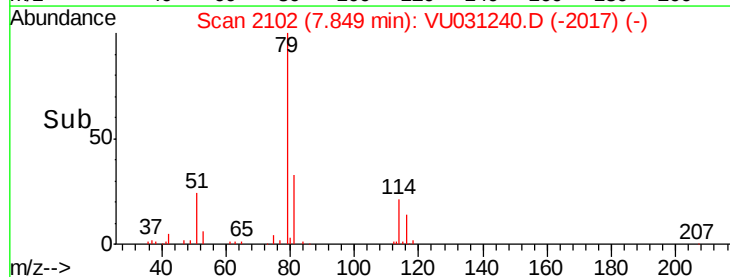
77 41.6 22.8 42.4

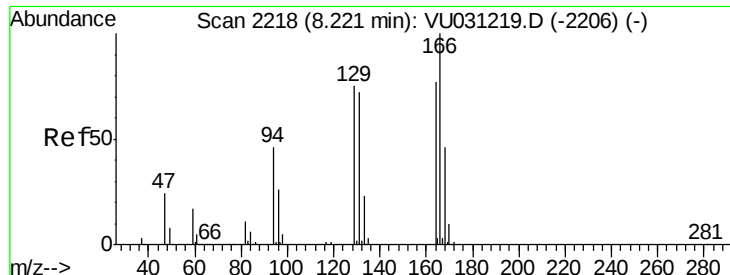


Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 27.616 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031240.D

Acq: 17 Apr 2019 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0XF4

Tgt Ion:164 Resp: 87168

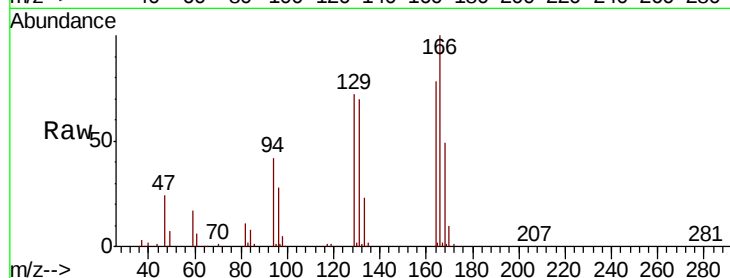
Ion Ratio Lower Upper

164 100

129 93.2 66.5 123.5

131 90.6 62.3 115.7

166 128.7 90.6 168.3

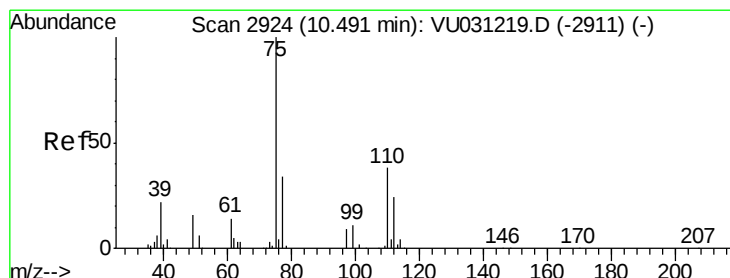
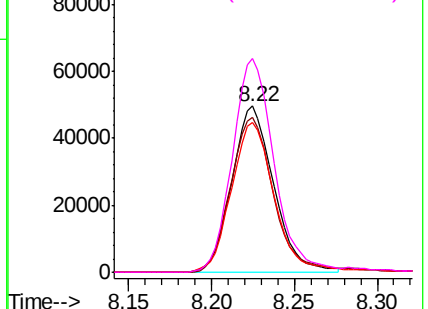
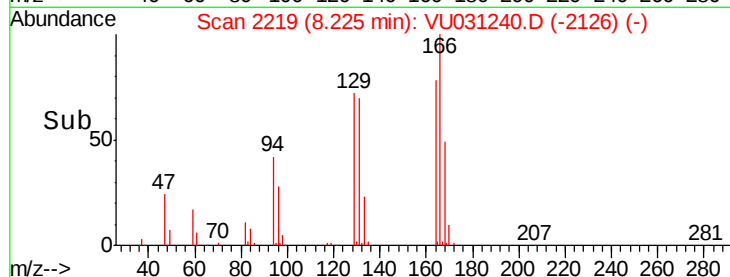


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.218 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031240.D

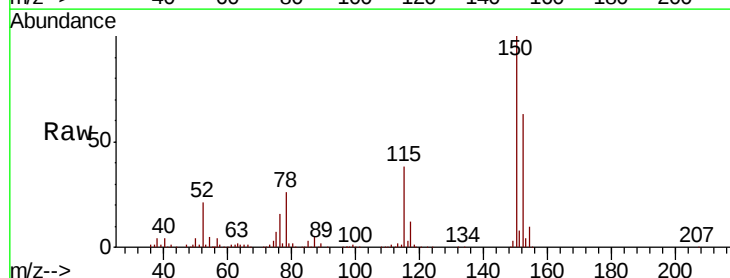
Acq: 17 Apr 2019 04:02

Tgt Ion: 75 Resp: 22282

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

