

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031238.D
 Acq On : 17 Apr 2019 03:15
 Operator : JC/SP
 Sample : K2428-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF7

Quant Time: Apr 17 04:18:22 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	507234	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483964	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	188822	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	180872	38.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.44%
7) Chloroethane-d5	1.68	69	168075	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.88%
11) 1,1-Dichloroethene-d2	2.27	63	288740	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	4.19	46	290269	85.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	4.64	84	324397	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.31	65	213458	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.34	84	653442	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.42%
36) 1,2-Dichloropropane-d6	6.33	67	221882	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.36%
41) Toluene-d8	7.56	98	556968	41.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.74%
43) trans-1,3-Dichloropropene-	7.85	79	96669	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.46%
47) 2-Hexanone-d5	8.31	63	212781	90.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	301581	43.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	198742	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

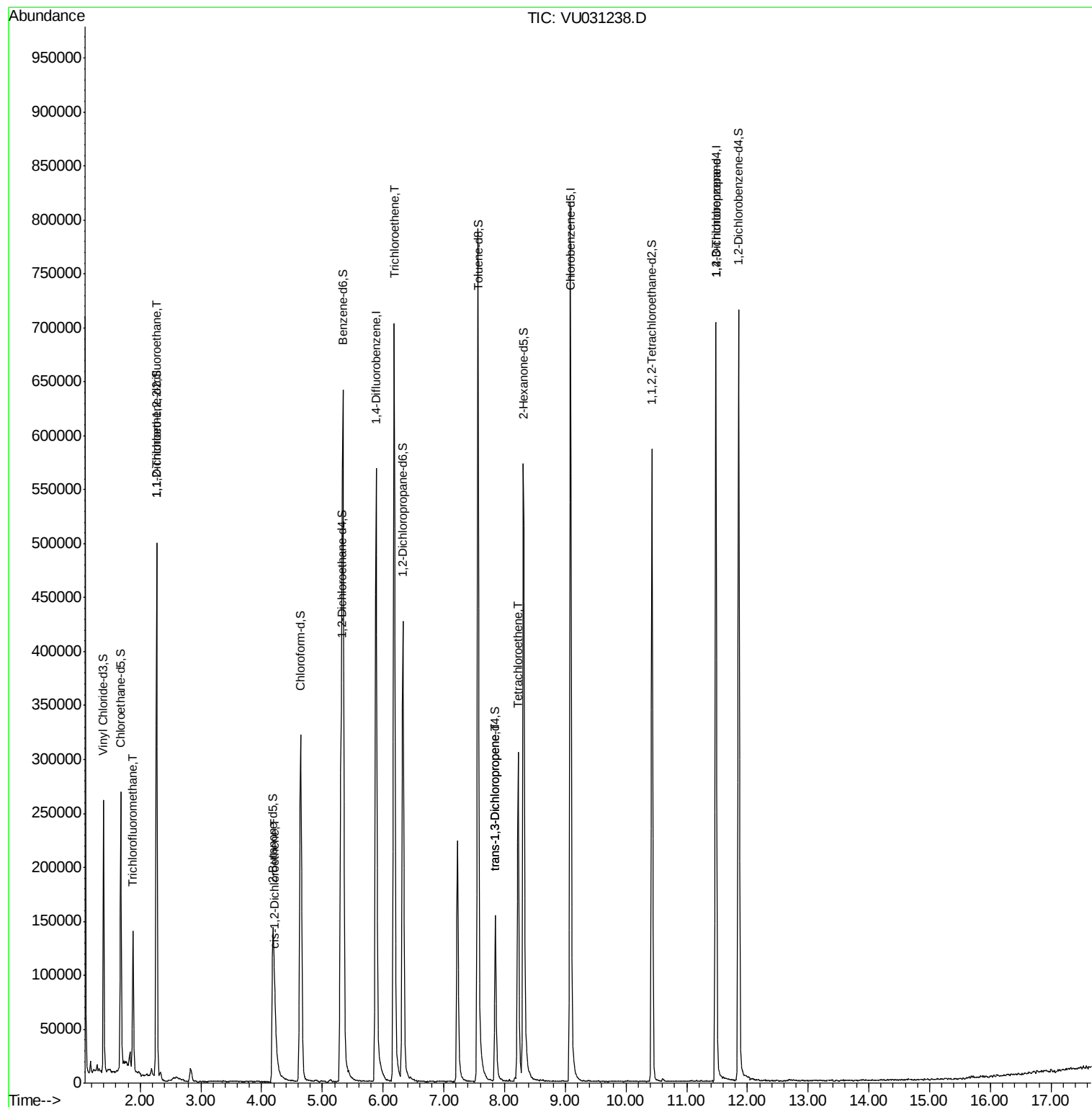
					Qvalue
9) Trichlorofluoromethane	1.88	101	76814	9.941 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2390	0.591 ug/L #	21
20) cis-1,2-Dichloroethene	4.23	96	7460	1.775 ug/L	77
34) Trichloroethene	6.18	95	265030	65.072 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3884	0.692 ug/L	90
46) Tetrachloroethene	8.22	164	73369	23.950 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	21252	4.145 ug/L	89

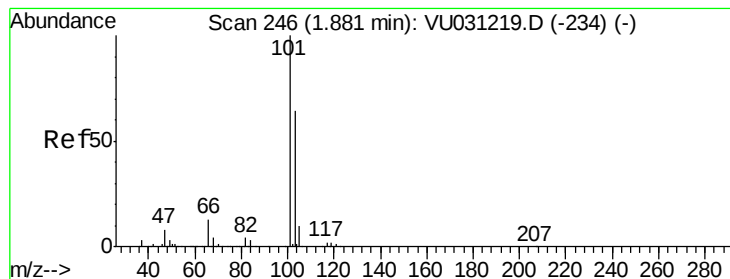
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 04:13:40 2019
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#9

Trichlorofluoromethane

Concen: 9.941 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031238.D

Acq: 17 Apr 2019 03:15

Instrument :

MSVOA_U

ClientSampleId :

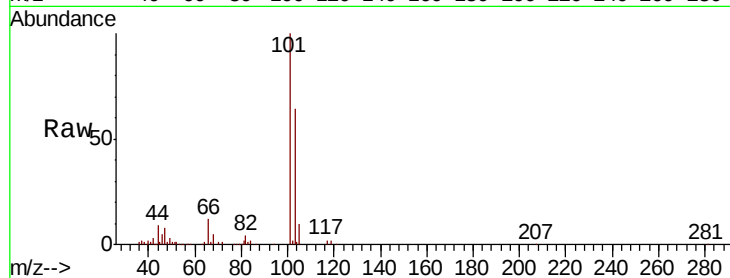
C0XF7

Tgt Ion:101 Resp: 76814

Ion Ratio Lower Upper

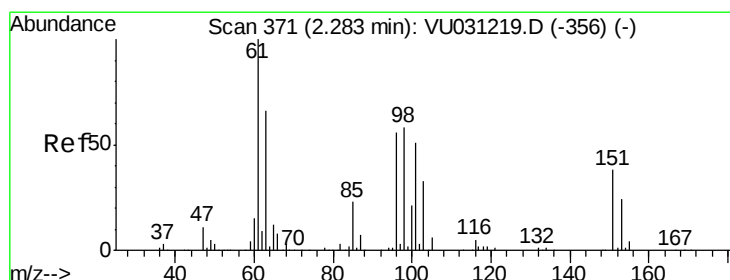
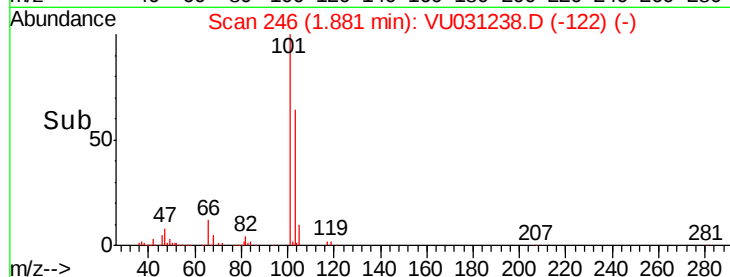
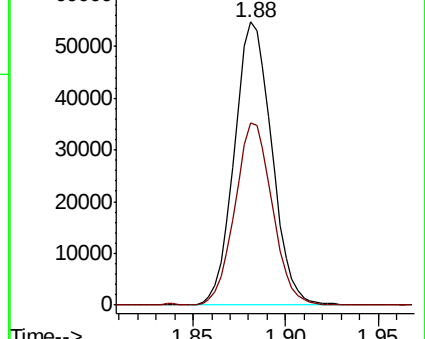
101 100

103 64.2 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: 0.591 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031238.D

Acq: 17 Apr 2019 03:15

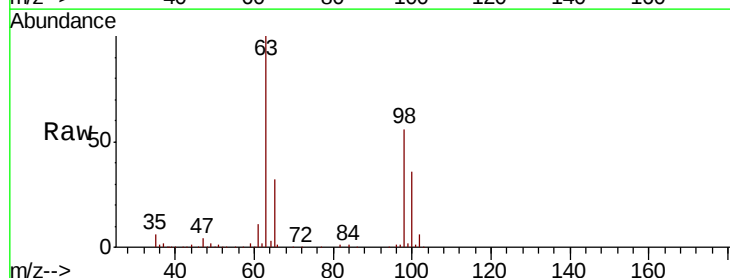
Tgt Ion:101 Resp: 2390

Ion Ratio Lower Upper

101 100

85 2.1 35.4 53.0#

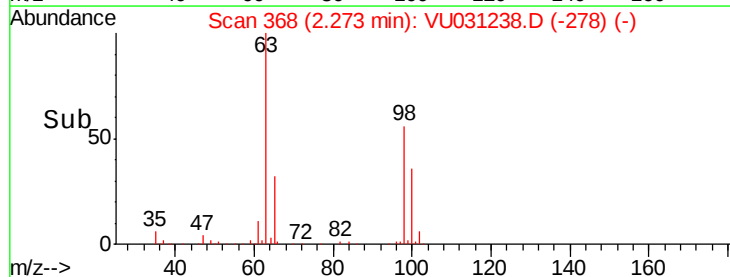
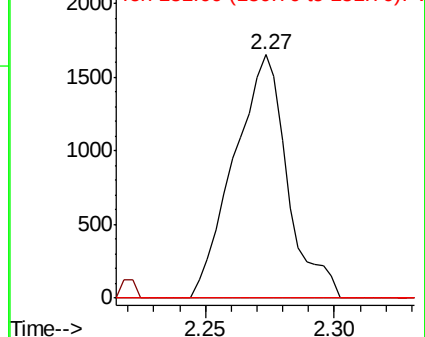
151 0.0 59.8 89.8#

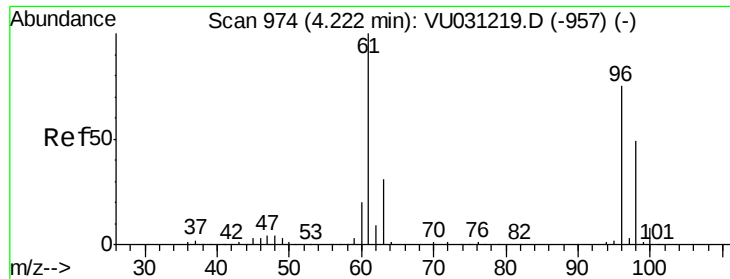


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

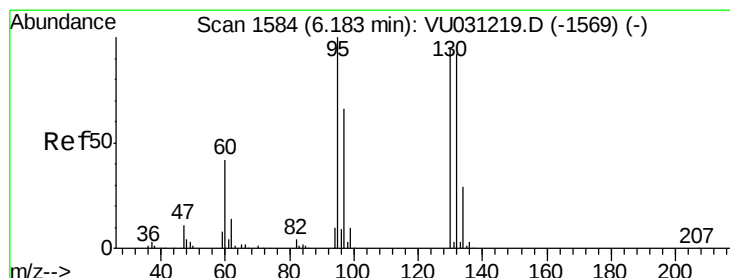
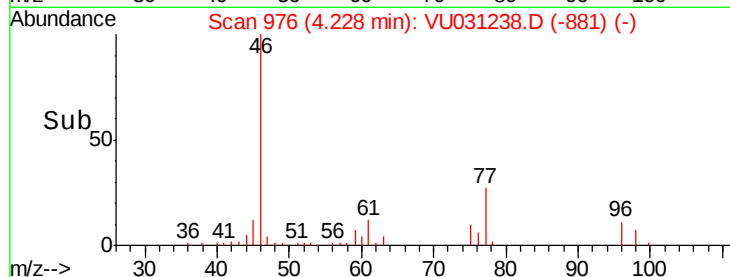
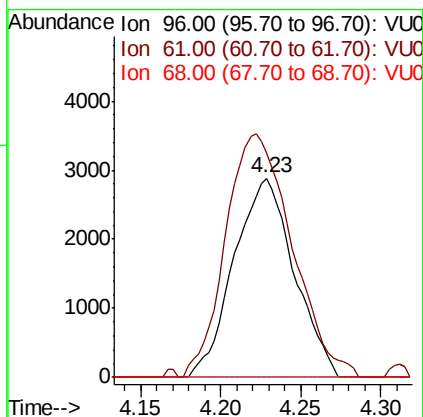
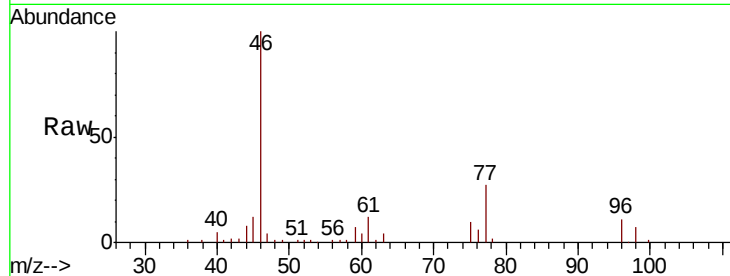




#20
 cis-1,2-Dichloroethene
 Concen: 1.775 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031238.D
 Acq: 17 Apr 2019 03:15

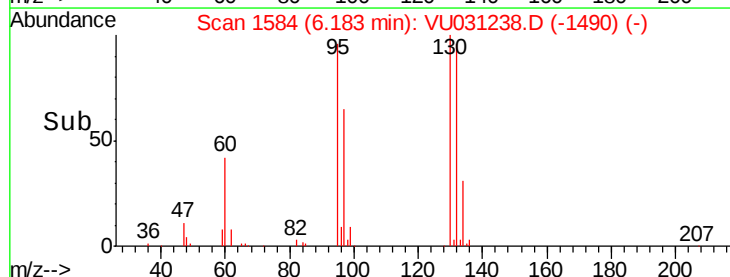
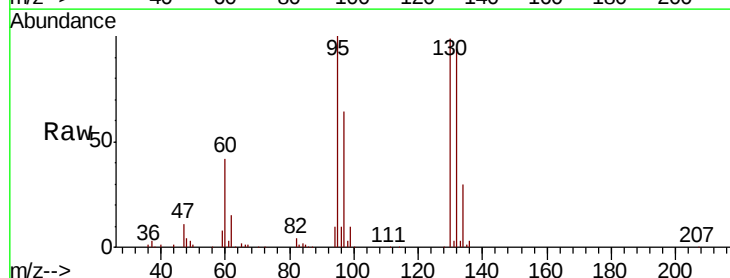
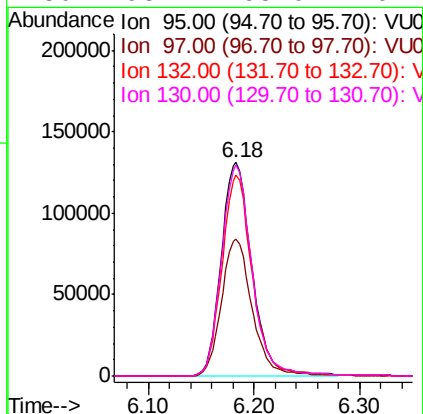
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF7

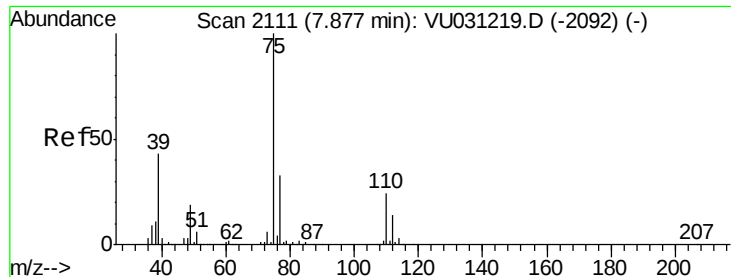
Tgt Ion: 96 Resp: 7460
 Ion Ratio Lower Upper
 96 100
 61 112.6 98.2 182.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 65.072 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031238.D
 Acq: 17 Apr 2019 03:15

Tgt Ion: 95 Resp: 265030
 Ion Ratio Lower Upper
 95 100
 97 64.1 43.6 81.0
 132 94.3 64.5 119.7
 130 98.7 68.0 126.2





#44

trans-1,3-Dichloropropene

Concen: 0.692 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031238.D

Acq: 17 Apr 2019 03:15

Instrument :

MSVOA_U

ClientSampled :

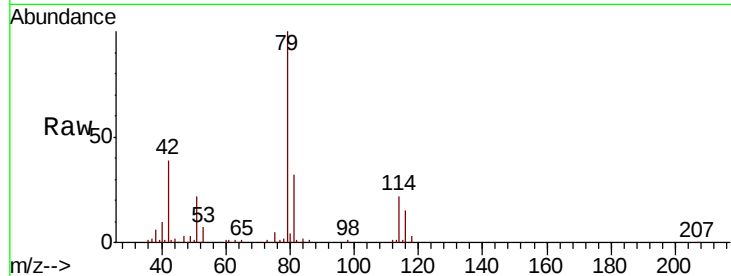
C0XF7

Tgt Ion: 75 Resp: 3884

Ion Ratio Lower Upper

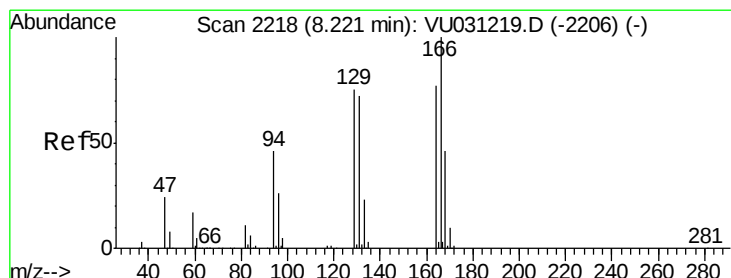
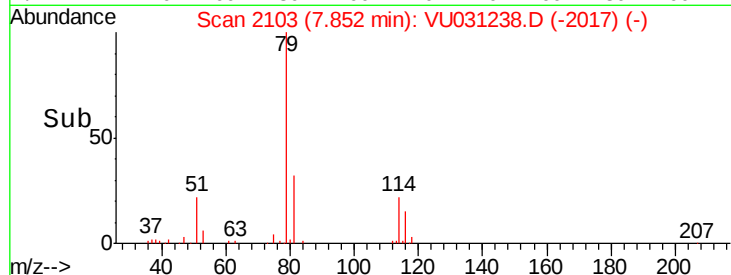
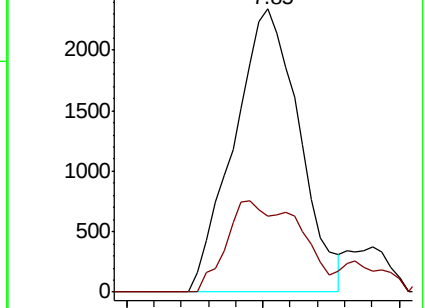
75 100

77 27.0 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU031219.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031219.D (-2092) (-)



#46

Tetrachloroethene

Concen: 23.950 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031238.D

Acq: 17 Apr 2019 03:15

Tgt Ion: 164 Resp: 73369

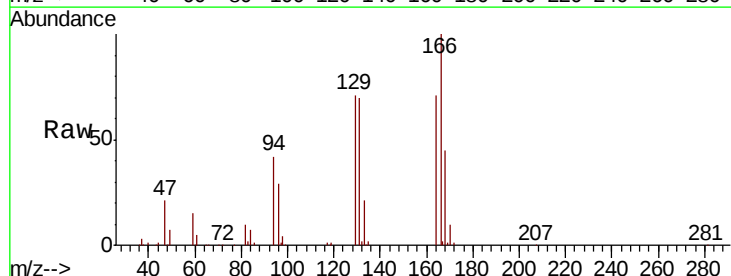
Ion Ratio Lower Upper

164 100

129 99.5 66.5 123.5

131 97.7 62.3 115.7

166 139.9 90.6 168.3

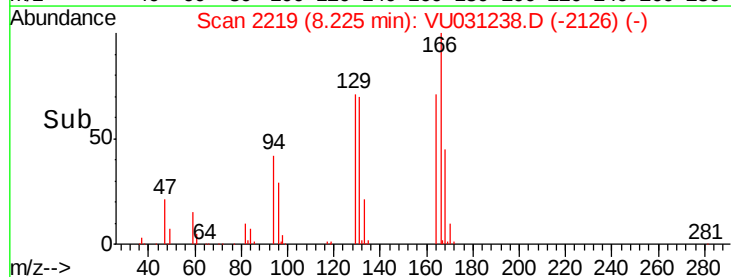
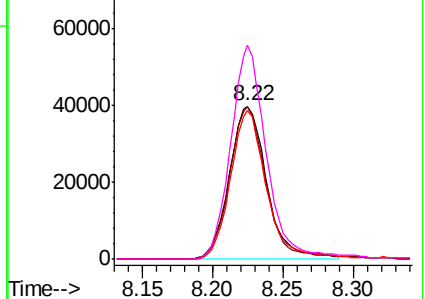


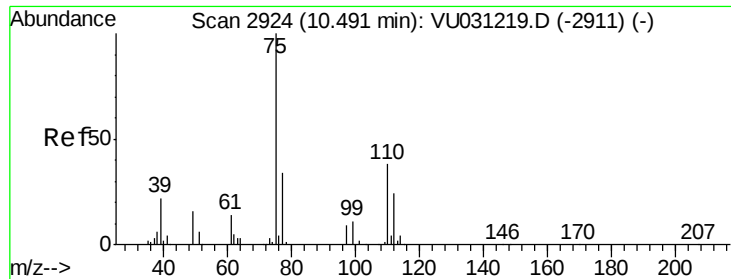
Abundance Ion 164.00 (163.70 to 164.70): VU031219.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031219.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031219.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031219.D (-2206) (-)





#59

1,2,3-Trichloropropane

Concen: 4.145 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031238.D

Acq: 17 Apr 2019 03:15

Instrument :

MSVOA_U

ClientSampleId :

C0XF7

Tgt Ion: 75 Resp: 21252

Ion Ratio Lower Upper

75 100

77 37.7 25.4 38.2

