

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041719\
 Data File : VU031237.D
 Acq On : 17 Apr 2019 02:52
 Operator : JC/SP
 Sample : K2428-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF6

Quant Time: Apr 17 04:18:16 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	509487	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472845	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	179370	38.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.46%
7) Chloroethane-d5	1.68	69	167517	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.24%
11) 1,1-Dichloroethene-d2	2.27	63	287450	30.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.84%
21) 2-Butanone-d5	4.19	46	313706	91.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	4.64	84	322554	41.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	212284	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.06%
32) Benzene-d6	5.34	84	663422	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.33	67	222306	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.64%
41) Toluene-d8	7.56	98	563057	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.85	79	90534	39.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.08%
47) 2-Hexanone-d5	8.31	63	233253	101.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	299417	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	198169	46.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.02%

Target Compounds

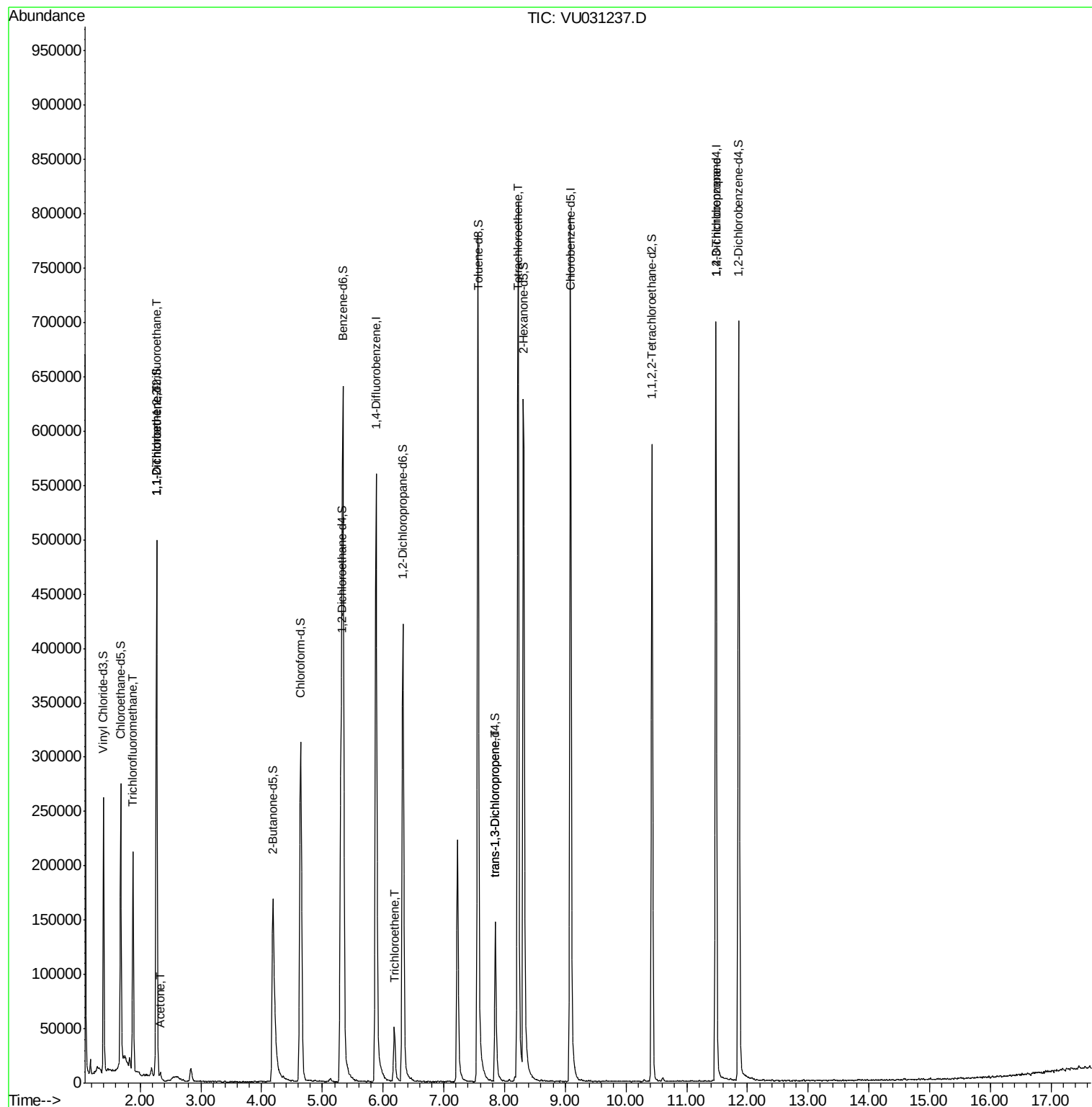
					Qvalue
9) Trichlorofluoromethane	1.88	101	121360	15.636 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2750	0.677 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2536	0.637 ug/L #	1
13) Acetone	2.33	43	2283	0.868 ug/L	90
34) Trichloroethene	6.19	95	18082	4.544 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	3176	0.580 ug/L #	68
46) Tetrachloroethene	8.22	164	190874	63.774 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	21654	4.323 ug/L	93

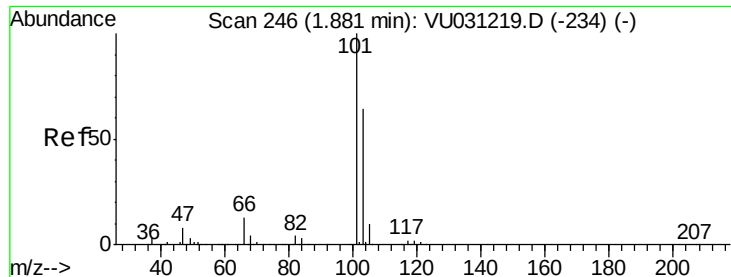
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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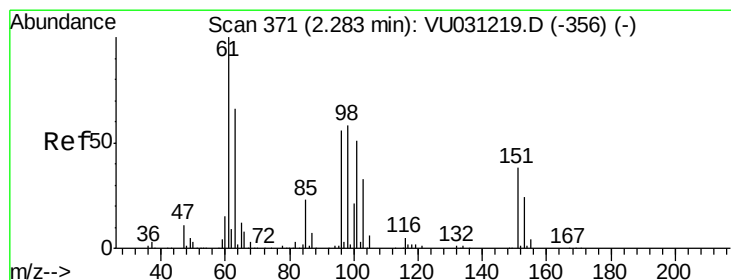
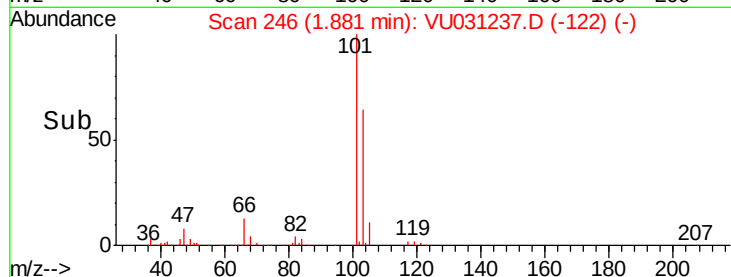
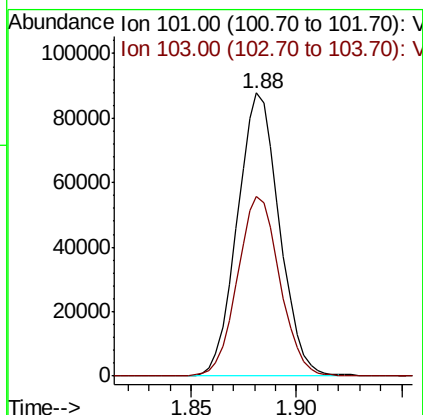
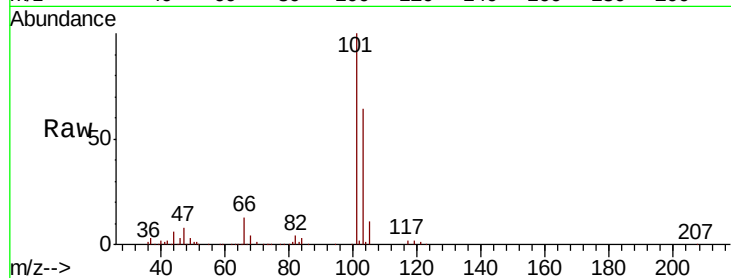


#9

Trichlorofluoromethane
 Concen: 15.636 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031237.D
 Acq: 17 Apr 2019 02:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF6

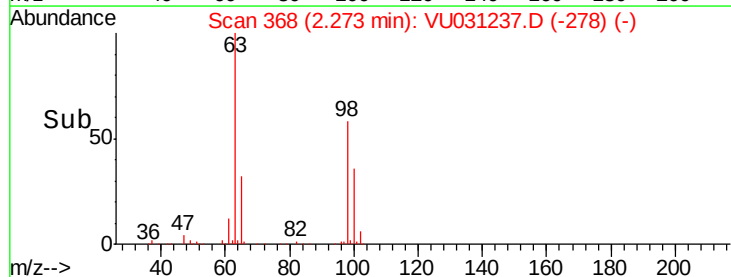
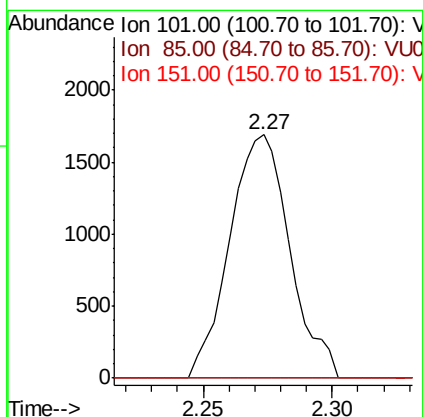
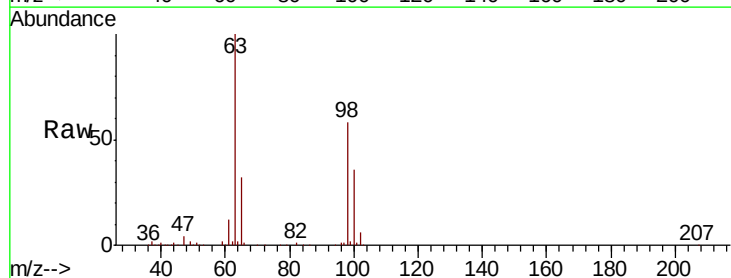
Tgt Ion:101 Resp: 121360
 Ion Ratio Lower Upper
 101 100
 103 64.0 53.0 79.6

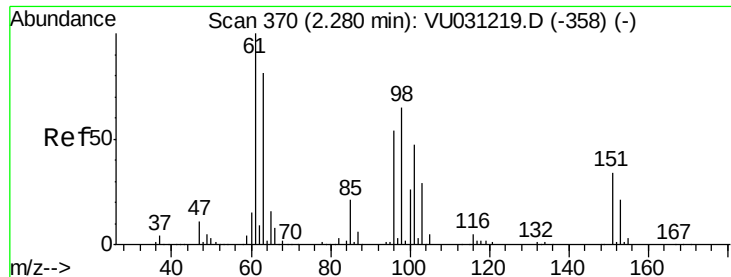


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.677 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031237.D
 Acq: 17 Apr 2019 02:52

Tgt Ion:101 Resp: 2750
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.4 53.0#
 151 0.0 59.8 89.8#

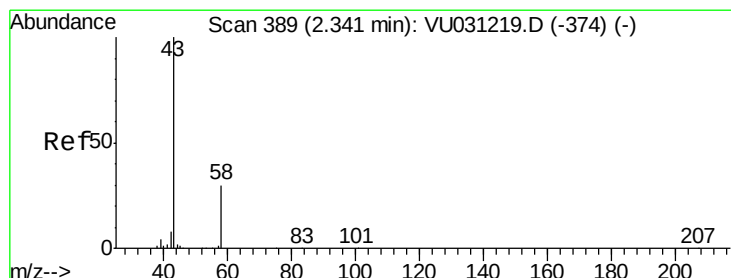
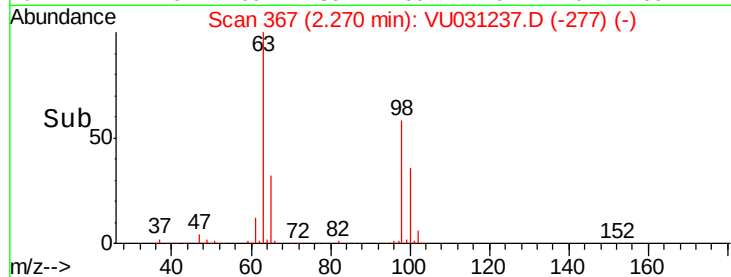
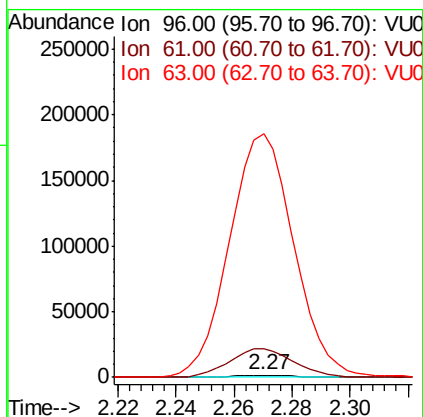
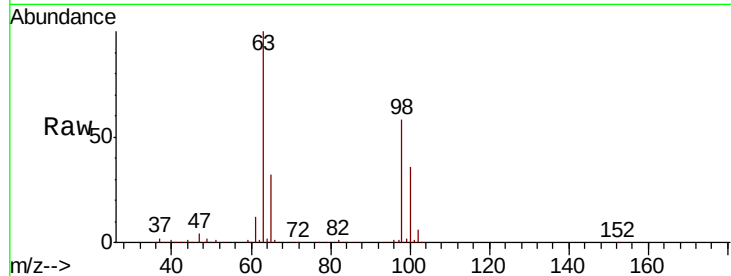




#12
 1,1-Dichloroethene
 Concen: 0.637 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031237.D
 Acq: 17 Apr 2019 02:52

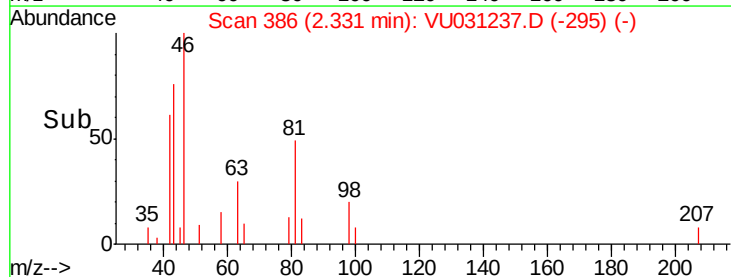
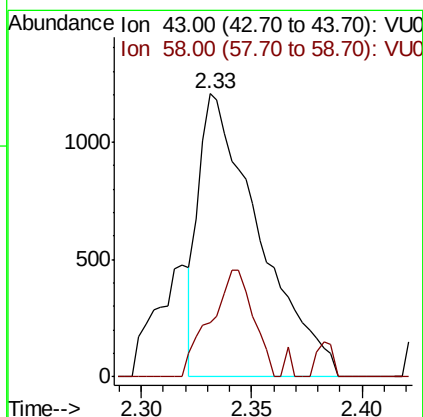
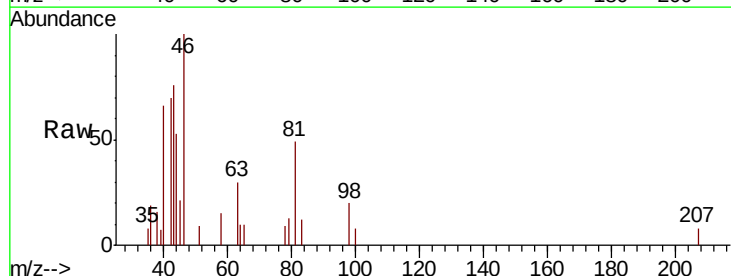
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XF6

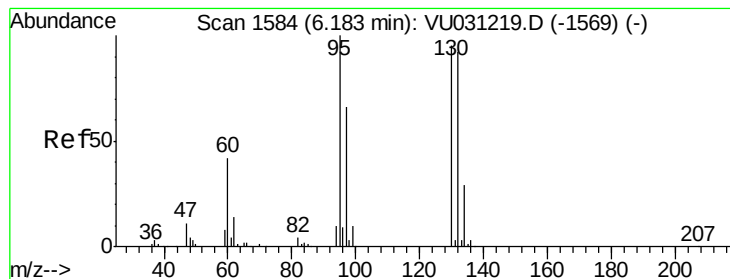
Tgt Ion: 96 Resp: 2536
 Ion Ratio Lower Upper
 96 100
 61 1269.8 130.4 242.2#
 63 10677.7 108.9 202.3#



#13
 Acetone
 Concen: 0.868 ug/L
 RT: 2.33 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU031237.D
 Acq: 17 Apr 2019 02:52

Tgt Ion: 43 Resp: 2283
 Ion Ratio Lower Upper
 43 100
 58 26.8 0.0 65.0





#34

Trichloroethene

Concen: 4.544 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031237.D

Acq: 17 Apr 2019 02:52

Instrument :

MSVOA_U

ClientSampleId :

C0XF6

Tgt Ion: 95 Resp: 18082

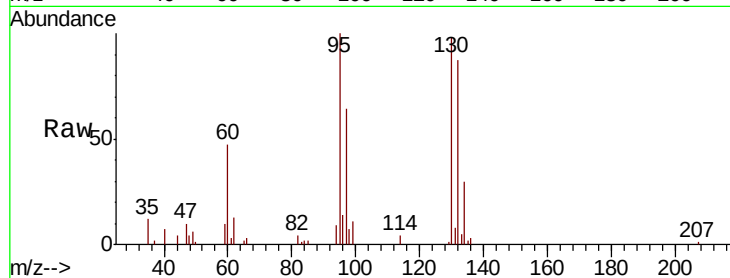
Ion Ratio Lower Upper

95 100

97 63.8 43.6 81.0

132 87.2 64.5 119.7

130 98.5 68.0 126.2

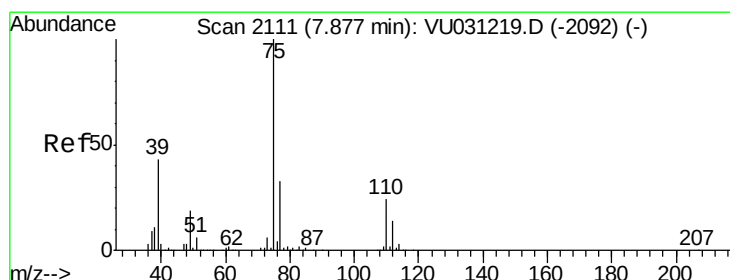
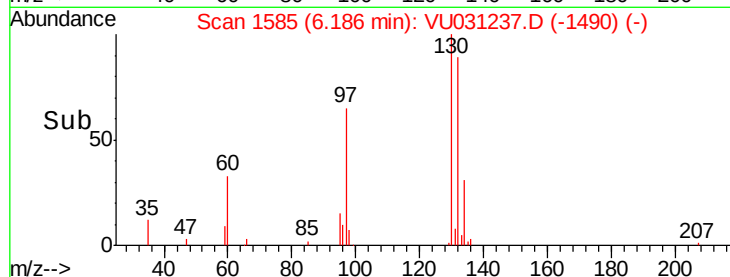
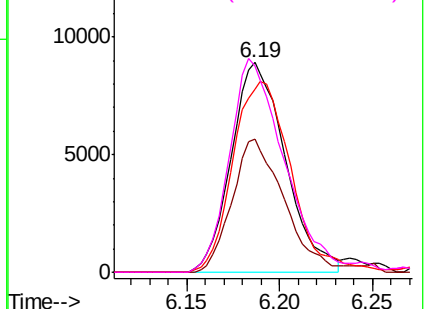


Abundance Ion 95.00 (94.70 to 95.70): VU031219.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031219.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031219.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031219.D (-1569) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.580 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031237.D

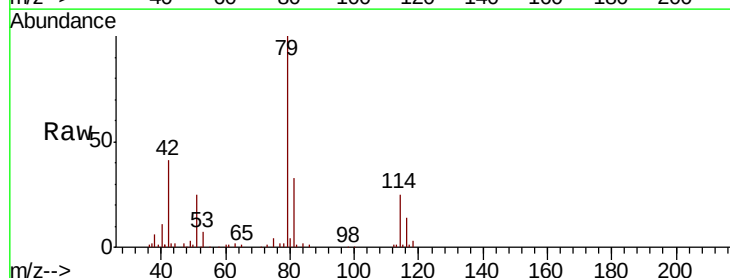
Acq: 17 Apr 2019 02:52

Tgt Ion: 75 Resp: 3176

Ion Ratio Lower Upper

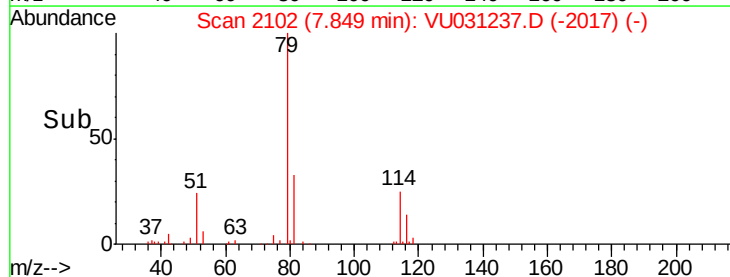
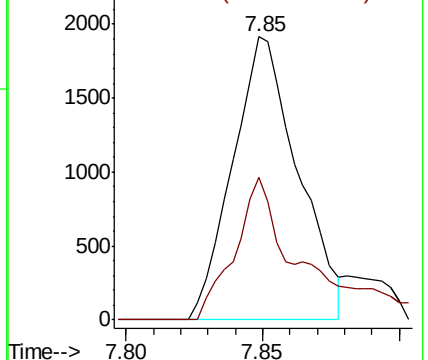
75 100

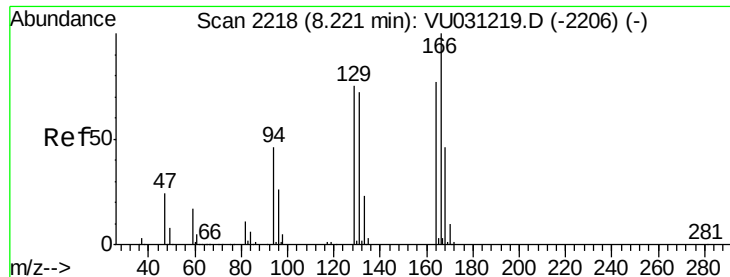
77 50.6 22.8 42.4#



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: 63.774 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031237.D

Acq: 17 Apr 2019 02:52

Instrument :

MSVOA_U

ClientSampleId :

C0XF6

Tgt Ion:164 Resp: 190874

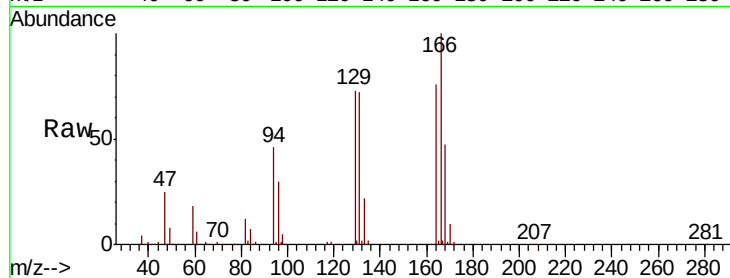
Ion Ratio Lower Upper

164 100

129 96.5 66.5 123.5

131 95.2 62.3 115.7

166 132.2 90.6 168.3

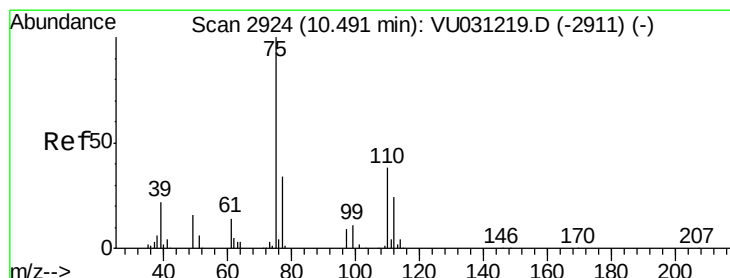
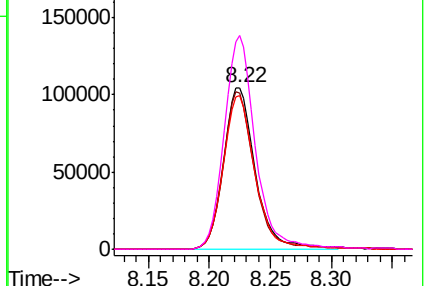
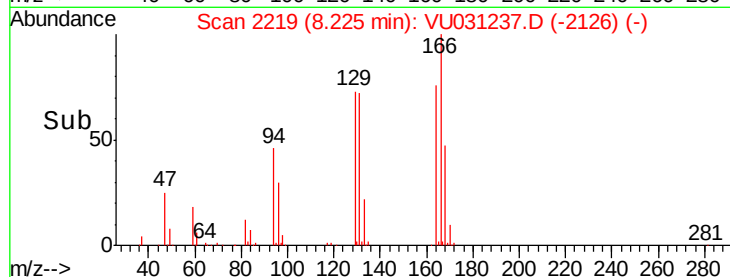


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.323 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031237.D

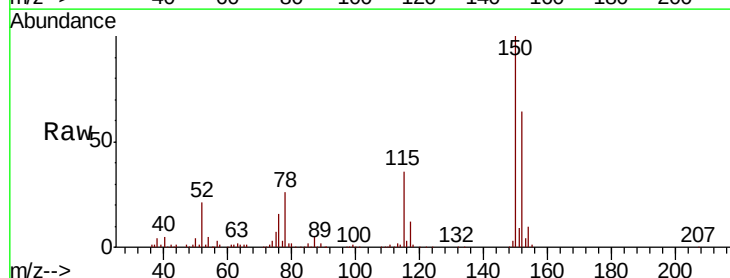
Acq: 17 Apr 2019 02:52

Tgt Ion: 75 Resp: 21654

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

