

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031581.D
 Acq On : 29 Apr 2019 13:12
 Operator : JC/SP
 Sample : K2536-19 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X07

Quant Time: Apr 30 01:58:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	709427	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	670011	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	307324	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.52%
7) Chloroethane-d5	1.68	69	248281	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.22%
11) 1,1-Dichloroethene-d2	2.27	63	455292	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
21) 2-Butanone-d5	4.19	46	605221	112.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.50%
24) Chloroform-d	4.64	84	547175	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.31	65	371954	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.34	84	1062645	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
36) 1,2-Dichloropropane-d6	6.32	67	387212	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.56	98	910343	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.85	79	154588	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.50%
47) 2-Hexanone-d5	8.31	63	350095	111.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	500655	51.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	288057	54.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.04%

Target Compounds

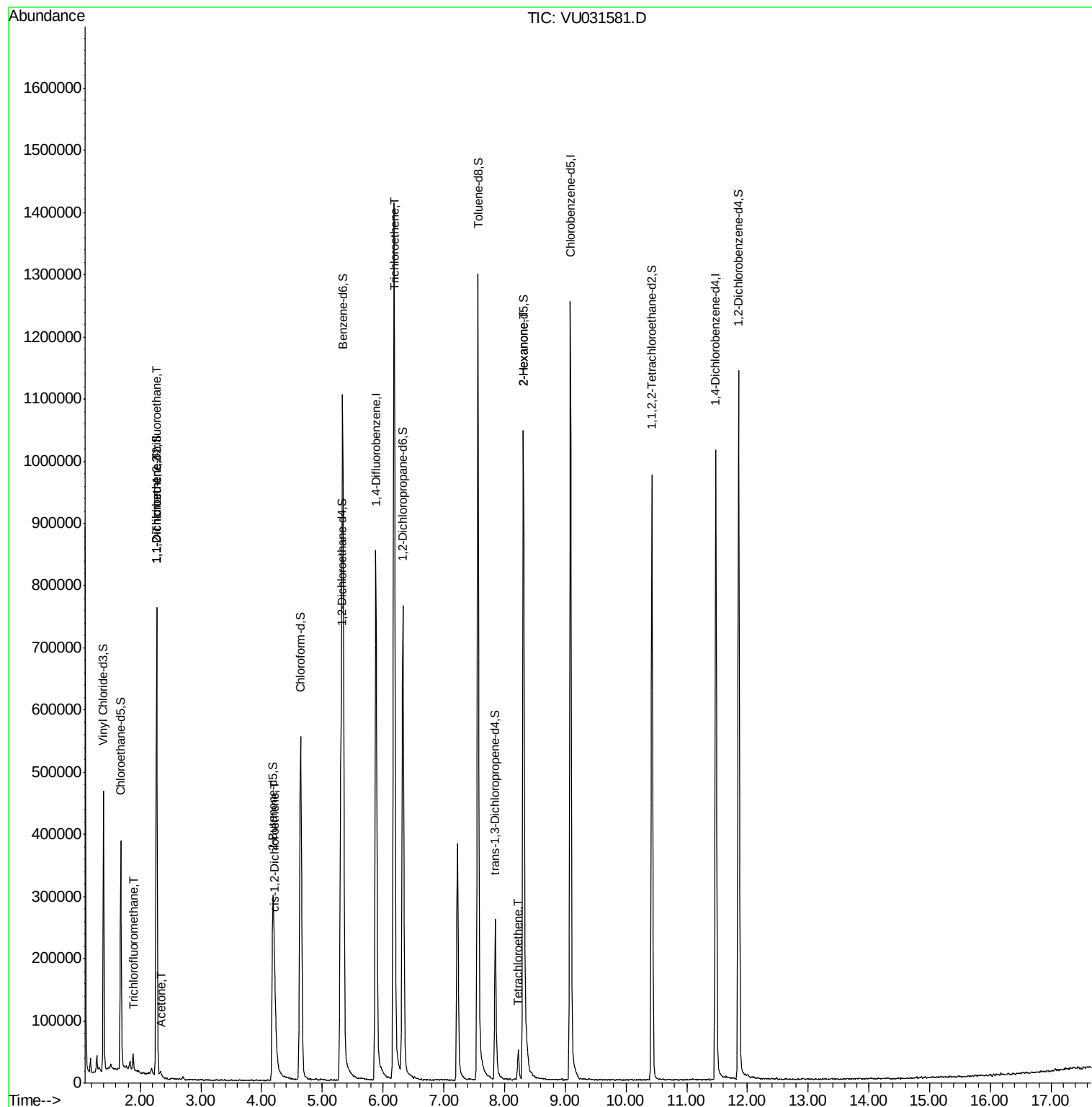
					Qvalue
9) Trichlorofluoromethane	1.88	101	10230	1.017 ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3581	0.630 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	3935	0.711 ug/L #	1
13) Acetone	2.35	43	5662	0.934 ug/L	59
20) cis-1,2-Dichloroethene	4.22	96	13703	2.215 ug/L	93
34) Trichloroethene	6.18	95	523029	87.591 ug/L	98
46) Tetrachloroethene	8.23	164	10757	2.642 ug/L	93
48) 2-Hexanone	8.31	43	46417	5.334 ug/L #	76

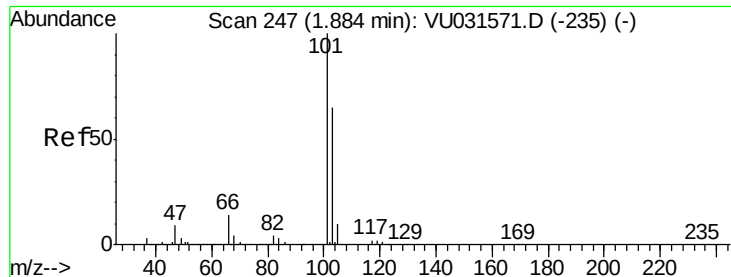
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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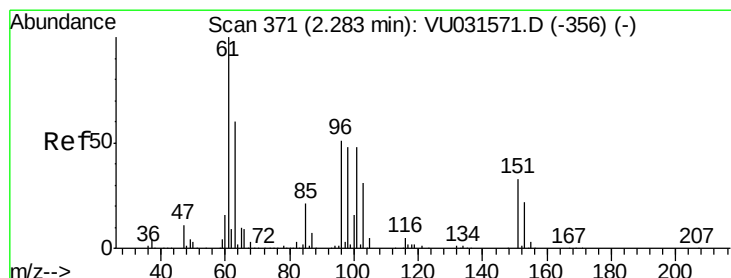
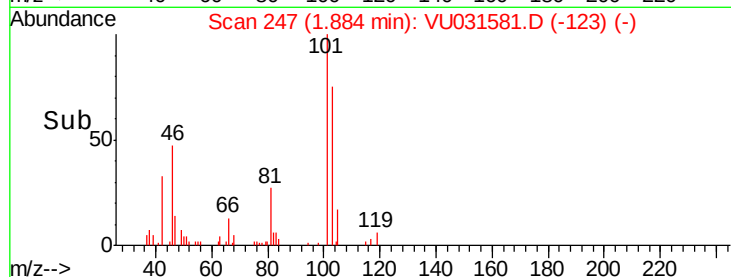
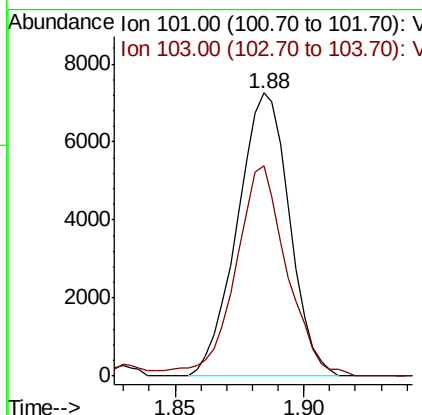
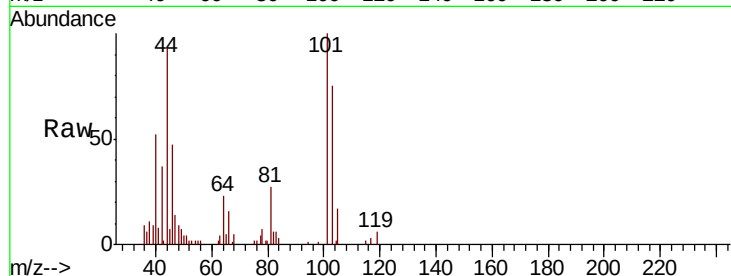


#9

Trichlorofluoromethane
 Concen: 1.017 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X07

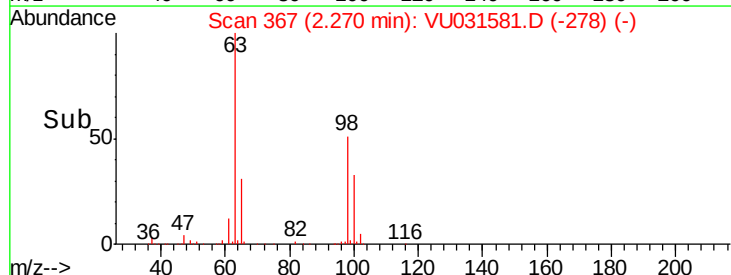
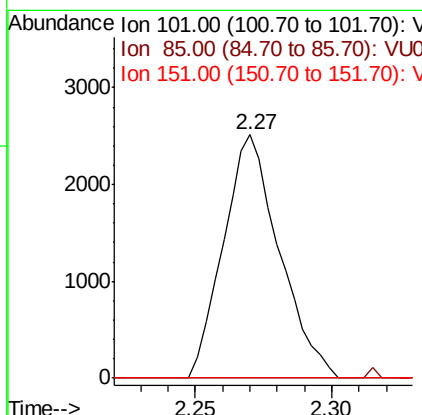
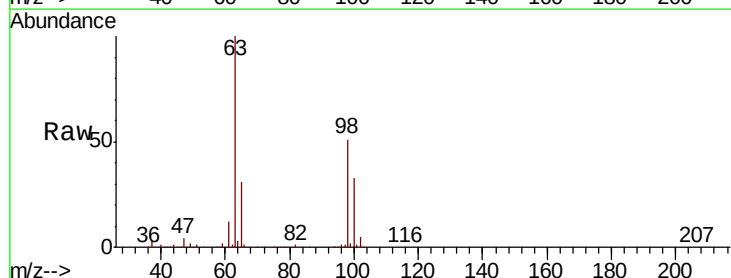
Tgt Ion:101 Resp: 10230
 Ion Ratio Lower Upper
 101 100
 103 73.2 50.8 76.2

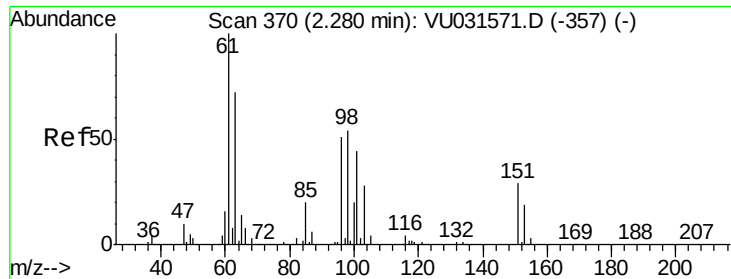


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.630 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

Tgt Ion:101 Resp: 3581
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.1 84.1#

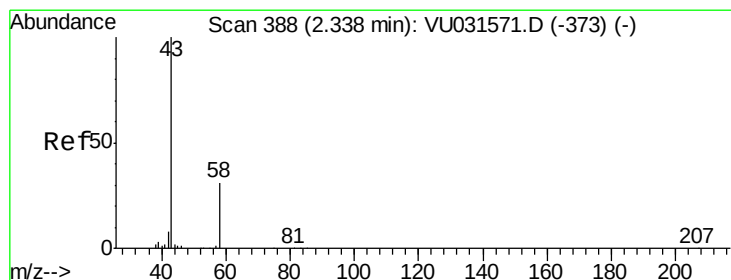
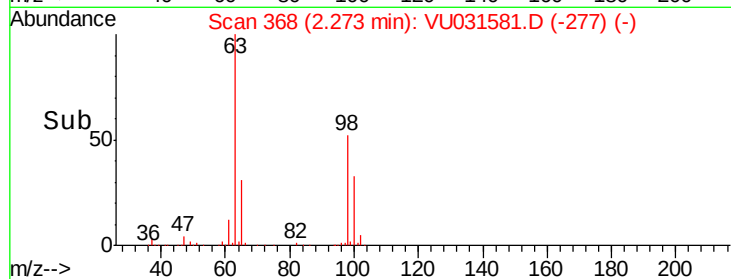
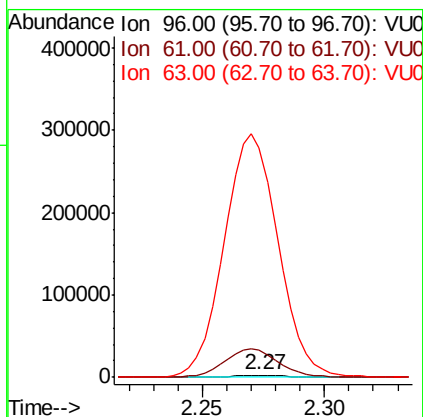
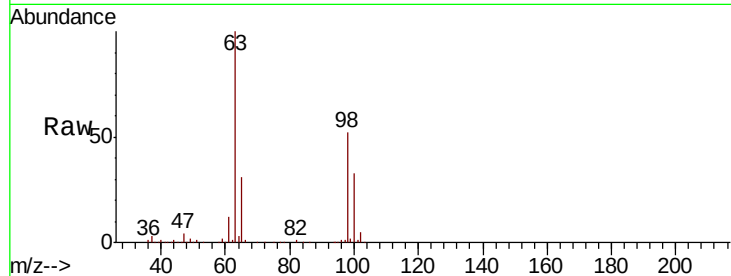




#12
 1,1-Dichloroethene
 Concen: 0.711 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

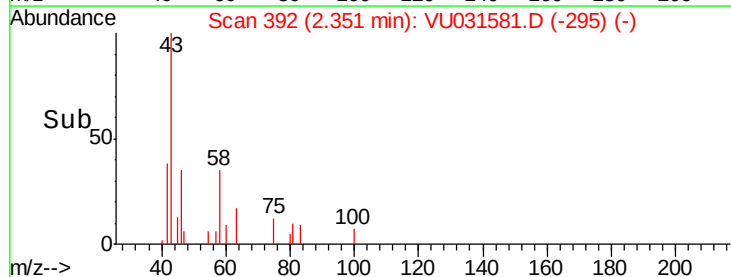
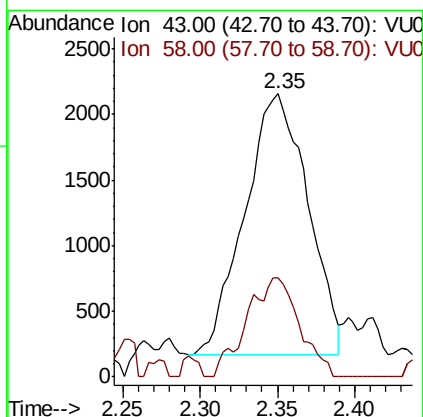
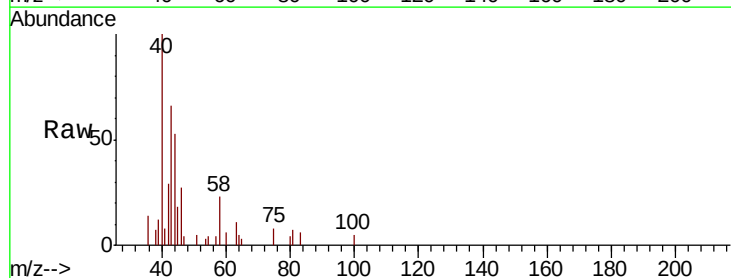
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X07

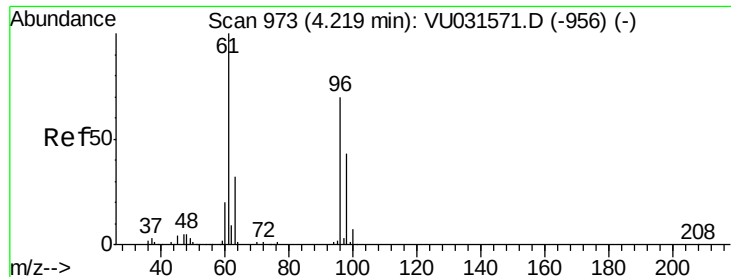
Tgt Ion: 96 Resp: 3935
 Ion Ratio Lower Upper
 96 100
 61 1264.7 135.0 250.6#
 63 10727.6 103.5 192.3#



#13
 Acetone
 Concen: 0.934 ug/L
 RT: 2.35 min Scan# 392
 Delta R.T. 0.01 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

Tgt Ion: 43 Resp: 5662
 Ion Ratio Lower Upper
 43 100
 58 9.4 0.0 64.4

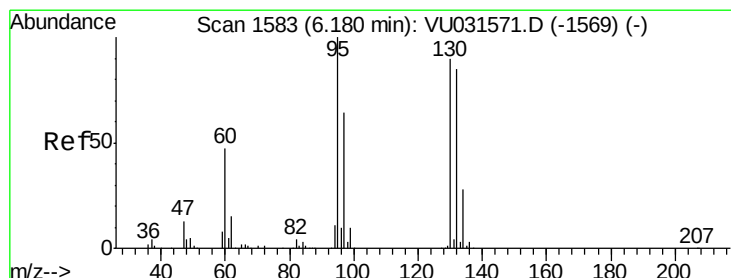
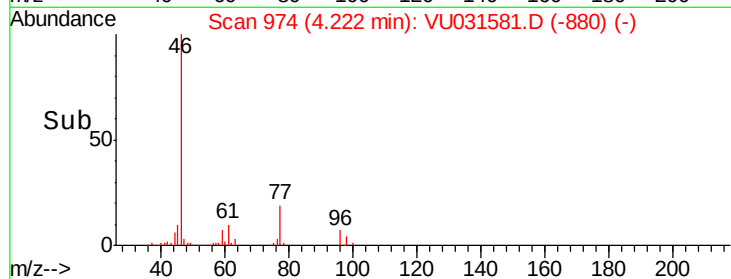
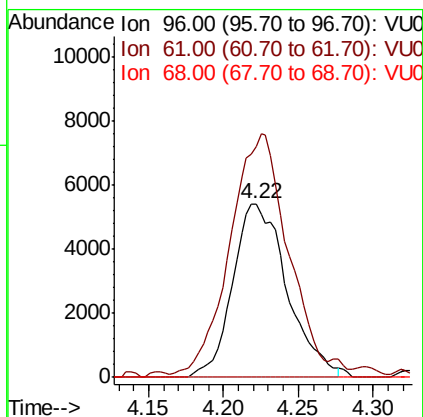
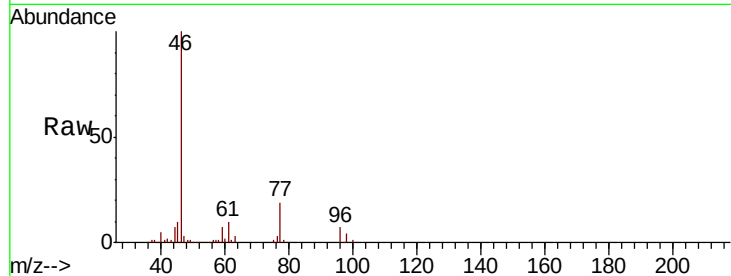




#20
 cis-1,2-Dichloroethene
 Concen: 2.215 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

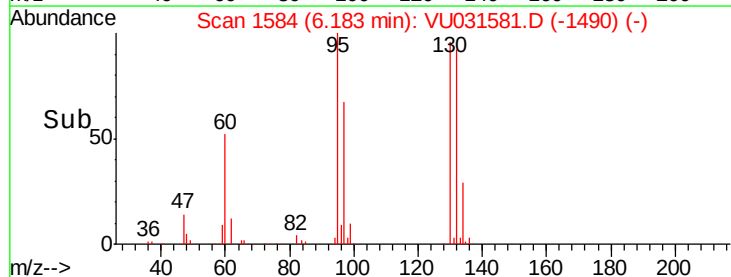
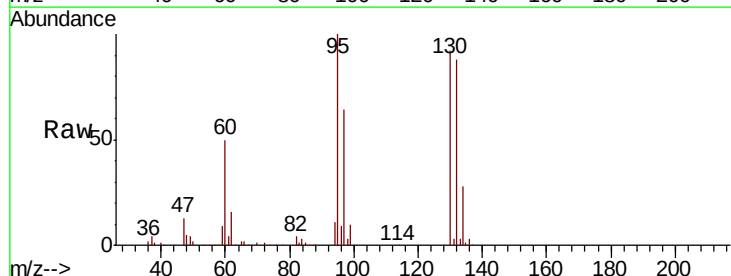
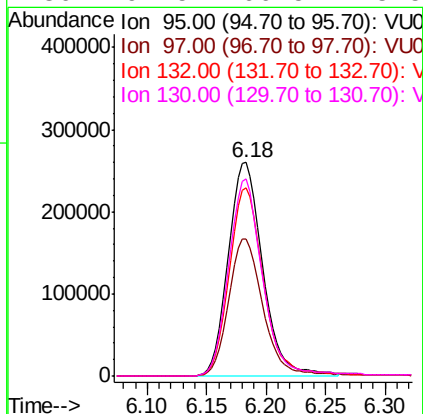
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X07

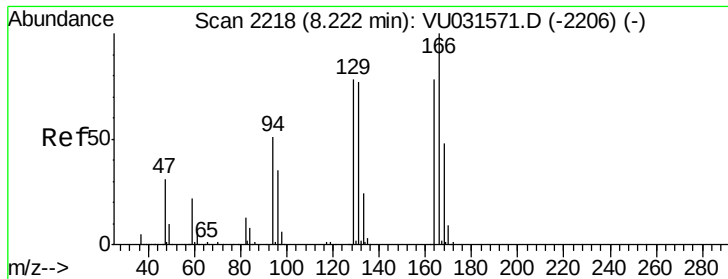
Tgt Ion: 96 Resp: 13703
 Ion Ratio Lower Upper
 96 100
 61 133.0 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 87.591 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031581.D
 Acq: 29 Apr 2019 13:12

Tgt Ion: 95 Resp: 523029
 Ion Ratio Lower Upper
 95 100
 97 64.0 44.8 83.2
 132 88.4 63.1 117.1
 130 92.5 66.5 123.5





#46

Tetrachloroethene

Concen: 2.642 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031581.D

Acq: 29 Apr 2019 13:12

Instrument :

MSVOA_U

ClientSampleId :

C0X07

Tgt Ion:164 Resp: 10757

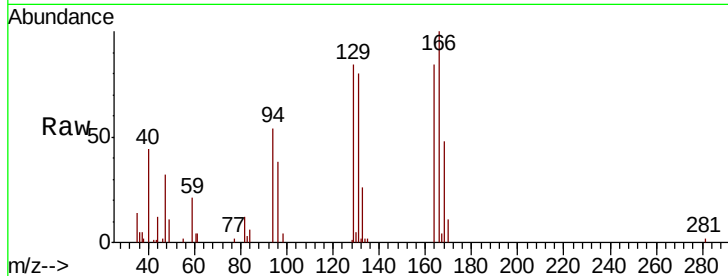
Ion Ratio Lower Upper

164 100

129 99.6 71.5 132.9

131 94.8 69.0 128.2

166 118.9 93.7 173.9

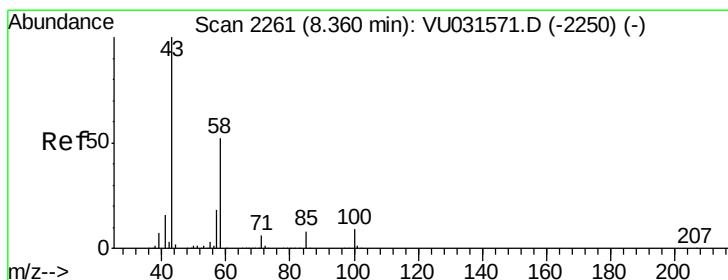
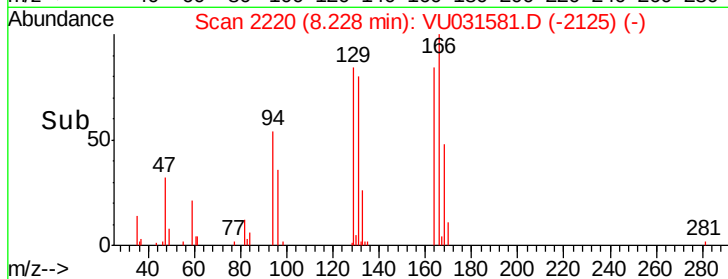
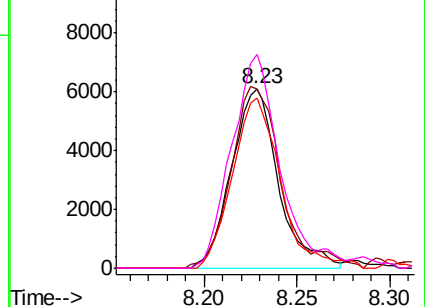


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.334 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031581.D

Acq: 29 Apr 2019 13:12

Tgt Ion: 43 Resp: 46417

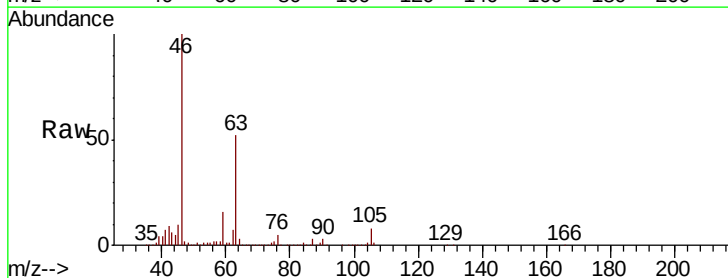
Ion Ratio Lower Upper

43 100

58 35.2 42.1 63.1#

57 29.3 14.6 22.0#

100 0.7 7.2 10.8#



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

