

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031585.D
 Acq On : 29 Apr 2019 14:45
 Operator : JC/SP
 Sample : K2592-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X83

Quant Time: Apr 30 01:58:43 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	658992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	661997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245146	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280837	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.84%
7) Chloroethane-d5	1.68	69	225358	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.76%
11) 1,1-Dichloroethene-d2	2.27	63	434871	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.18	46	598560	119.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.78%
24) Chloroform-d	4.64	84	524632	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
26) 1,2-Dichloroethane-d4	5.30	65	359533	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.34	84	1026967	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.33	67	377157	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.56	98	840169	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	7.85	79	147903	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.31	63	345013	111.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.45%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	484351	50.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	275818	53.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

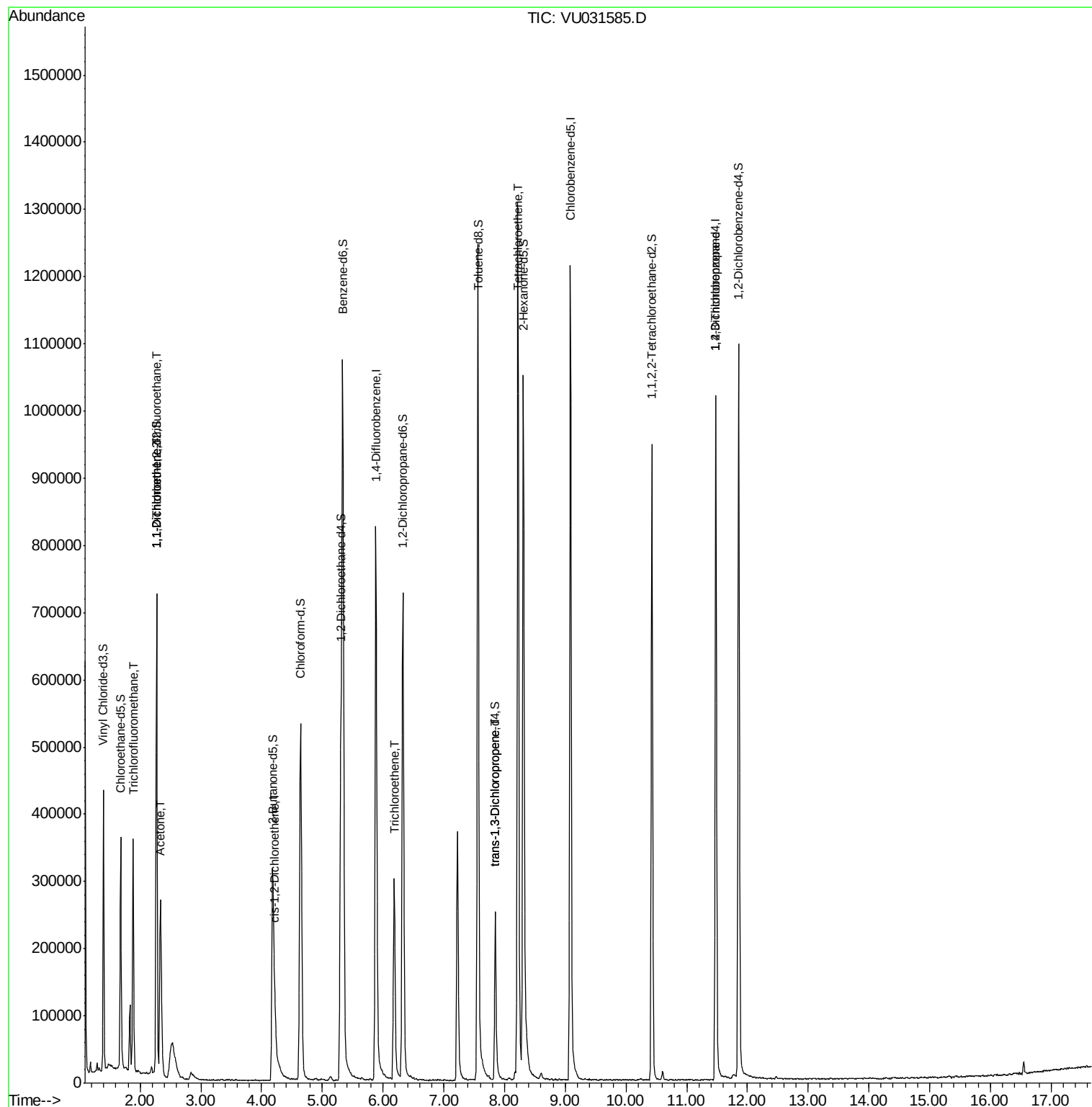
						Qvalue
9) Trichlorofluoromethane	1.88	101	203032	21.728	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3936	0.745	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3060	0.595	ug/L #	1
13) Acetone	2.33	43	357334	63.482	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	6402	1.114	ug/L	83
34) Trichloroethene	6.18	95	110736	18.769	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	5282	0.638	ug/L	84
46) Tetrachloroethene	8.22	164	287889	71.576	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	33241	4.058	ug/L	97

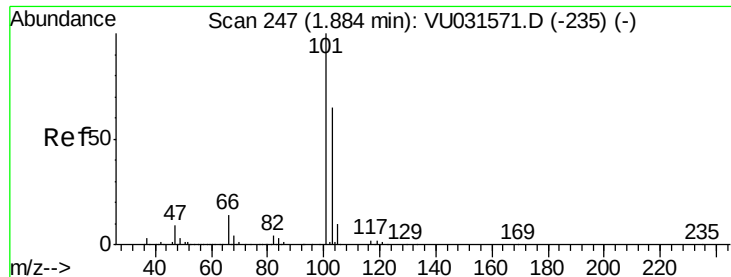
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 21.728 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

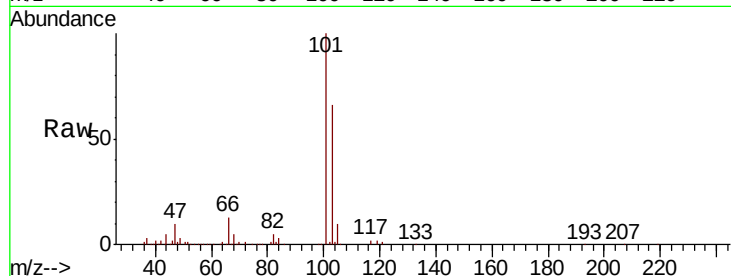
C0X83

Tgt Ion:101 Resp: 203032

Ion Ratio Lower Upper

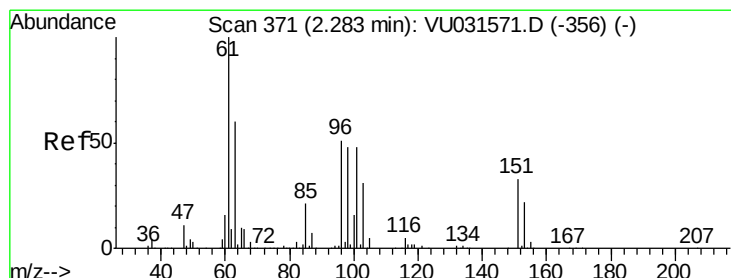
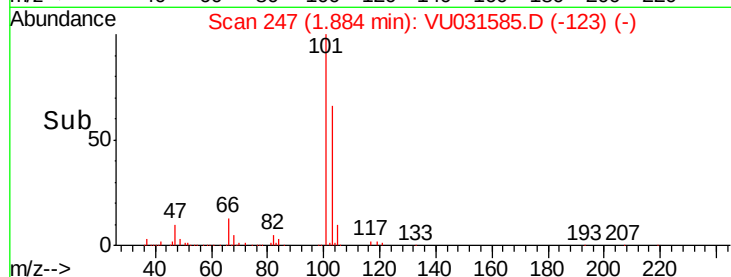
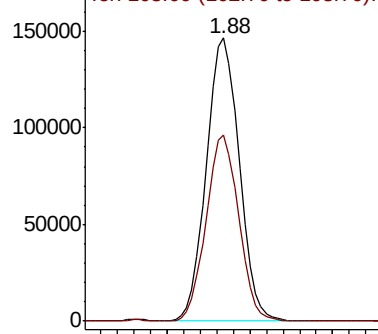
101 100

103 65.0 50.8 76.2



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: 0.745 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

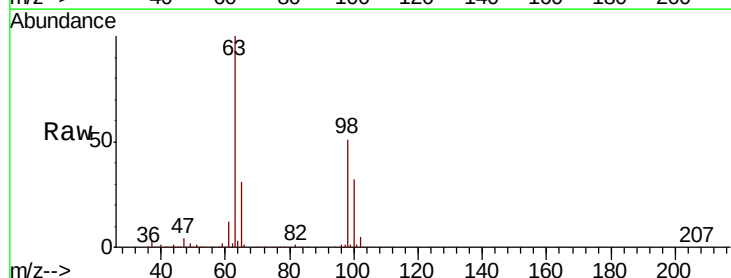
Tgt Ion:101 Resp: 3936

Ion Ratio Lower Upper

101 100

85 1.5 36.1 54.1#

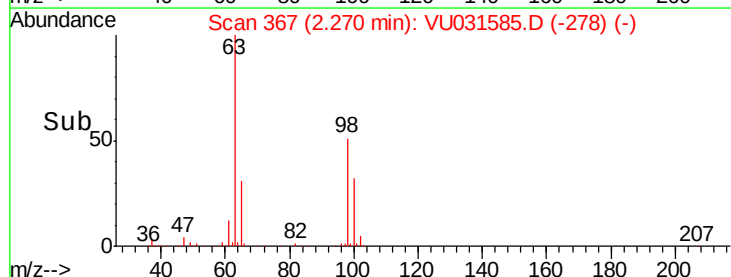
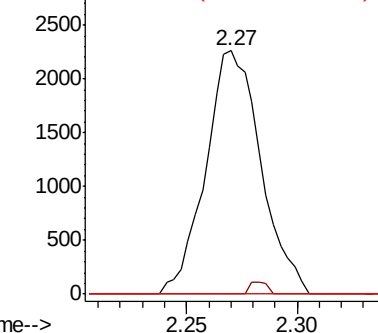
151 0.0 56.1 84.1#

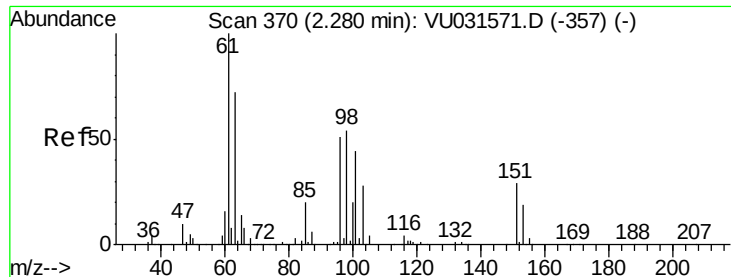


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

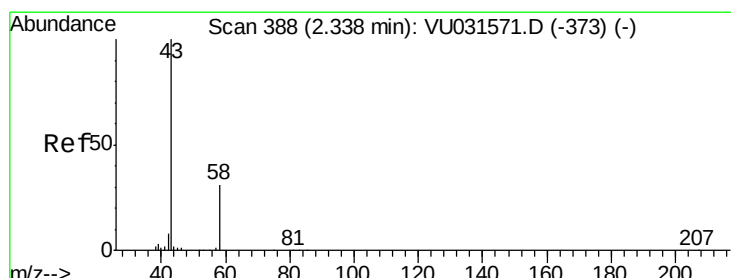
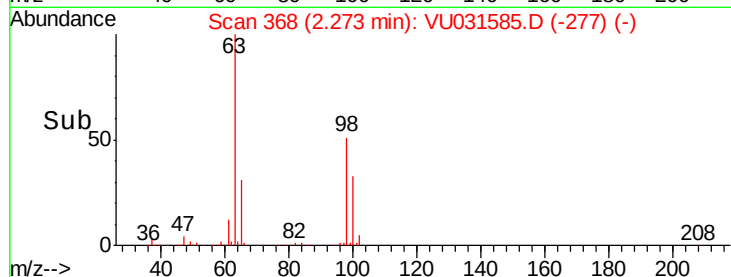
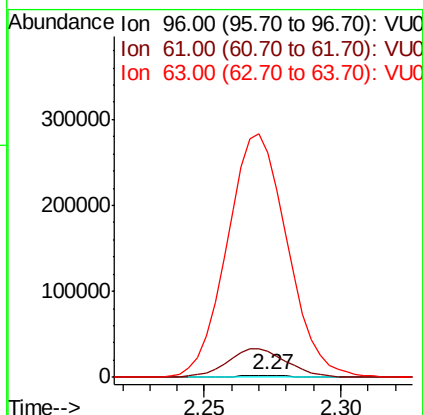
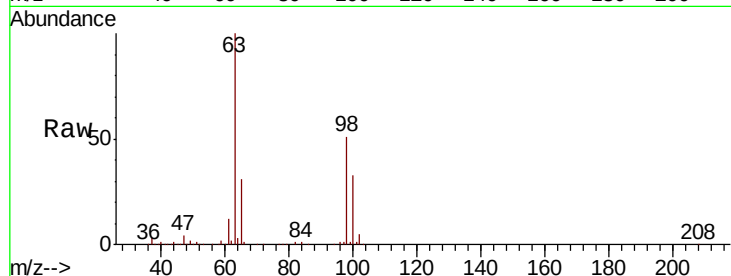




#12
 1,1-Dichloroethene
 Concen: 0.595 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031585.D
 Acq: 29 Apr 2019 14:45

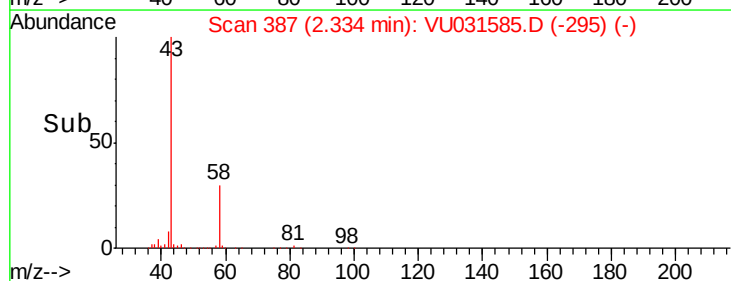
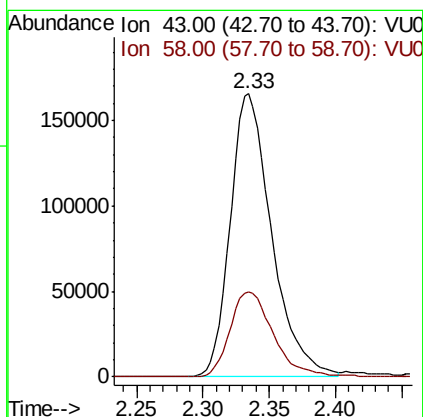
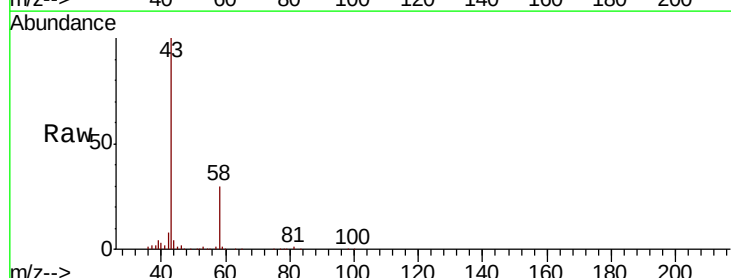
Instrument :
 MSVOA_U
 ClientSampled :
 C0X83

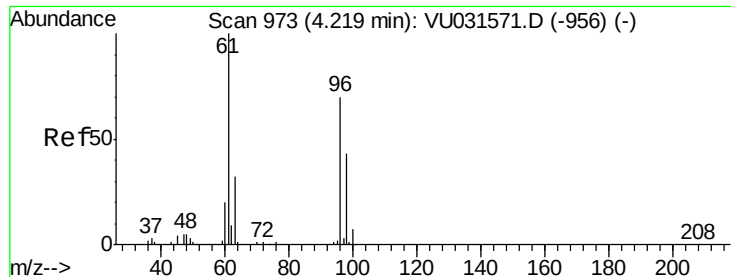
Tgt Ion: 96 Resp: 3060
 Ion Ratio Lower Upper
 96 100
 61 1544.5 135.0 250.6#
 63 13269.7 103.5 192.3#



#13
 Acetone
 Concen: 63.482 ug/L
 RT: 2.33 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VU031585.D
 Acq: 29 Apr 2019 14:45

Tgt Ion: 43 Resp: 357334
 Ion Ratio Lower Upper
 43 100
 58 31.4 0.0 64.4





#20

cis-1,2-Dichloroethene

Concen: 1.114 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

C0X83

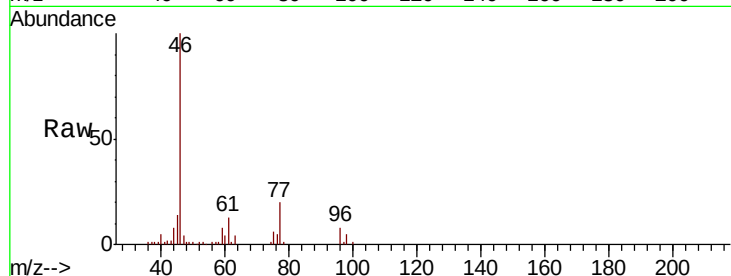
Tgt Ion: 96 Resp: 6402

Ion Ratio Lower Upper

96 100

61 163.3 99.5 184.7

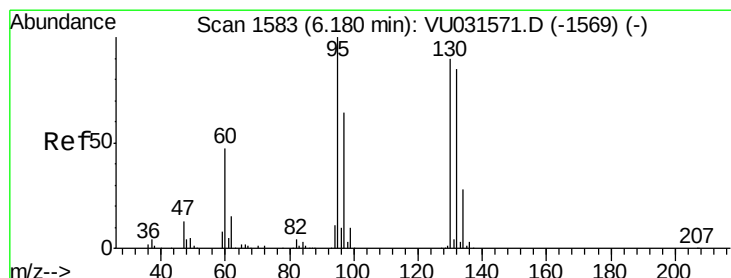
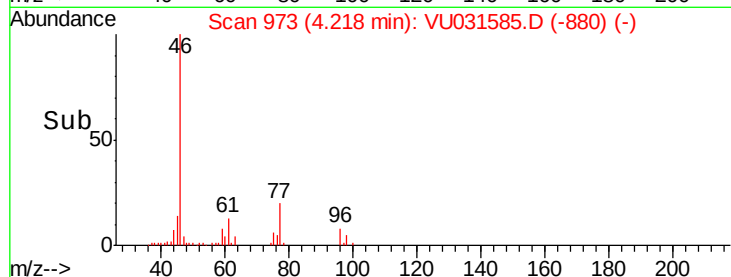
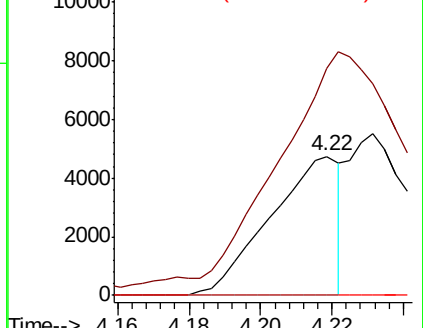
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU031571.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU031571.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU031571.D (-956) (-)



#34

Trichloroethene

Concen: 18.769 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Tgt Ion: 95 Resp: 110736

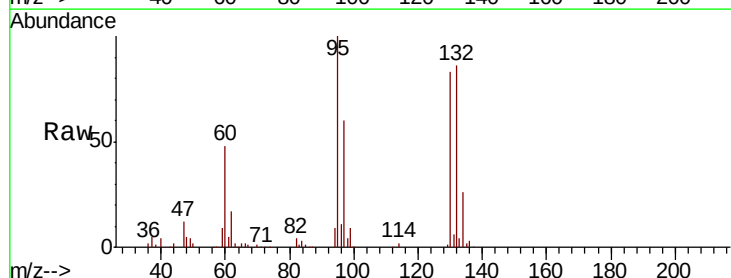
Ion Ratio Lower Upper

95 100

97 60.5 44.8 83.2

132 85.5 63.1 117.1

130 83.3 66.5 123.5

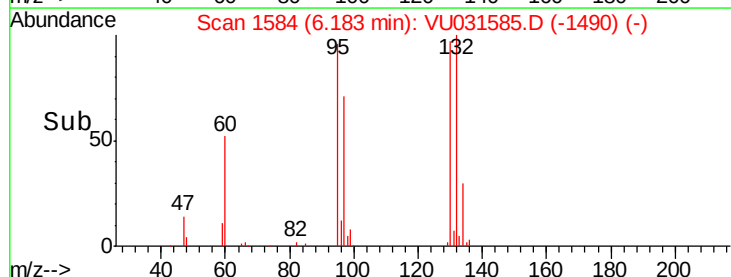
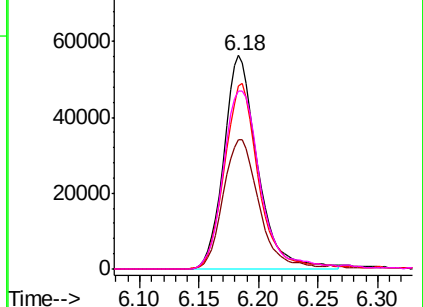


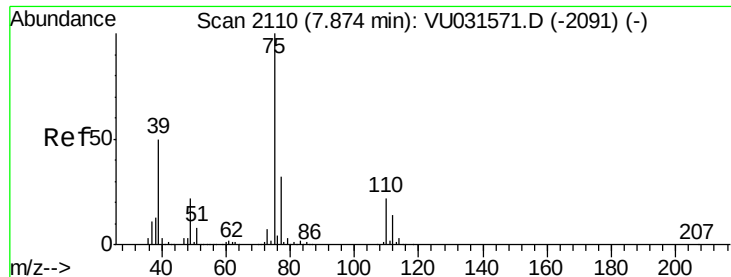
Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

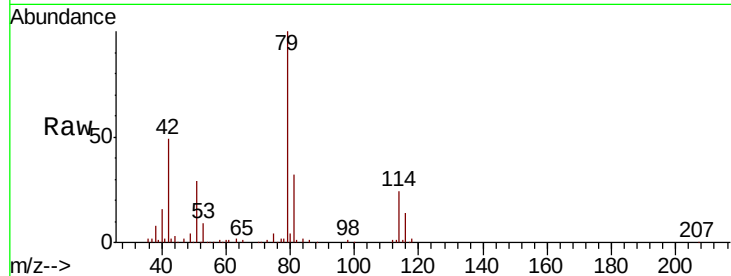
C0X83

Tgt Ion: 75 Resp: 5282

Ion Ratio Lower Upper

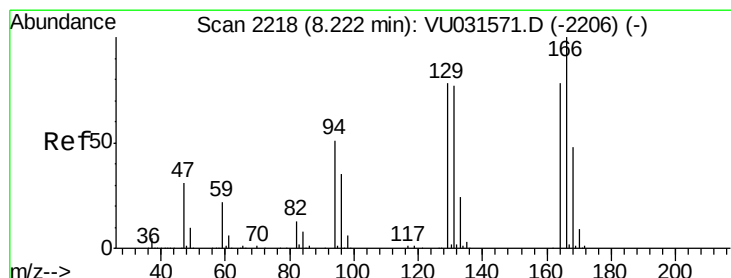
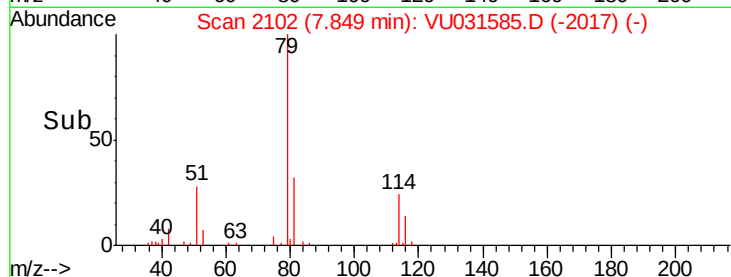
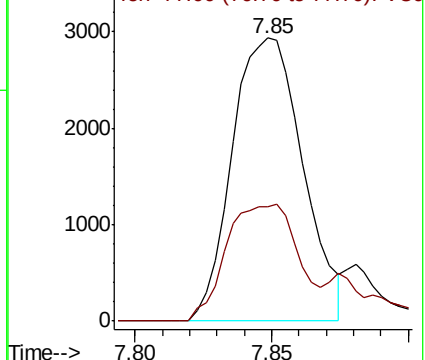
75 100

77 40.6 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031571.D (-2091) (-)

Ion 77.00 (76.70 to 77.70): VU031571.D (-2091) (-)



#46

Tetrachloroethene

Concen: 71.576 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Tgt Ion: 164 Resp: 287889

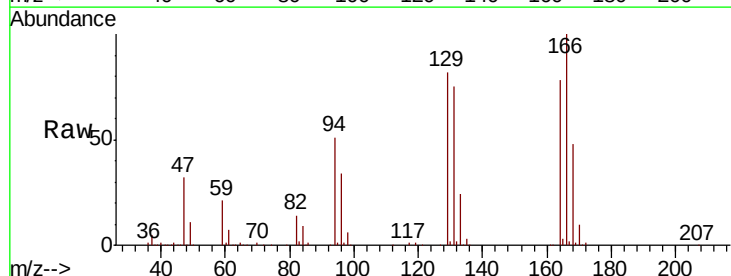
Ion Ratio Lower Upper

164 100

129 104.2 71.5 132.9

131 95.5 69.0 128.2

166 127.5 93.7 173.9

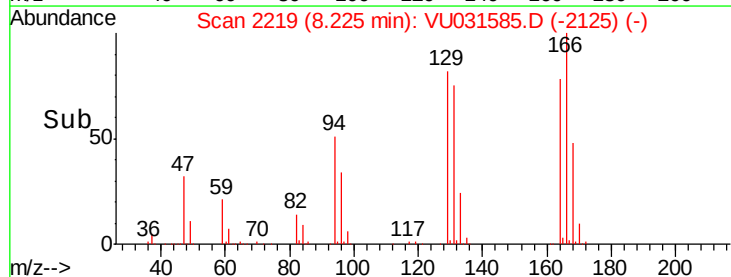
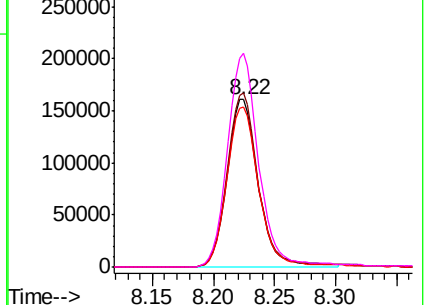


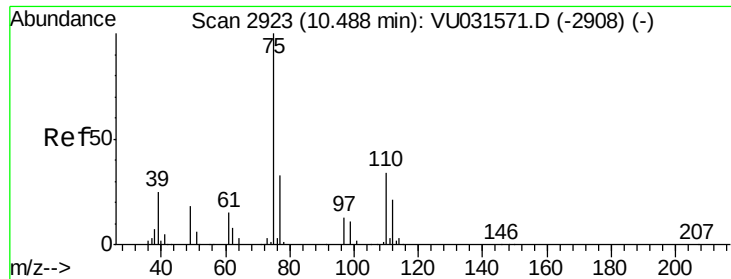
Abundance Ion 164.00 (163.70 to 164.70): VU031571.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031571.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031571.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031571.D (-2206) (-)





#59

1,2,3-Trichloropropane

Concen: 4.058 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031585.D

Acq: 29 Apr 2019 14:45

Instrument :

MSVOA_U

ClientSampleId :

C0X83

Tgt Ion: 75 Resp: 33241

Ion Ratio Lower Upper

75 100

77 34.3 25.9 38.9

