

Data File : VU031616.D
Acq On : 30 Apr 2019 03:32
Operator : JC/SP
Sample : K2593-04 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB8

Quant Time: Apr 30 04:55:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 04:50:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	606596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	591742	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	320983	63.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.46%
7) Chloroethane-d5	1.68	69	241994	61.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.36%
11) 1,1-Dichloroethene-d2	2.27	63	442024	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
21) 2-Butanone-d5	4.19	46	559071	121.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.54%
24) Chloroform-d	4.64	84	507225	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
26) 1,2-Dichloroethane-d4	5.31	65	348269	57.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.66%
32) Benzene-d6	5.34	84	974156	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
36) 1,2-Dichloropropane-d6	6.32	67	358393	56.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.12%
41) Toluene-d8	7.56	98	788239	49.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.85	79	132630	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
47) 2-Hexanone-d5	8.31	63	311840	112.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450368	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	233220	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

Target Compounds

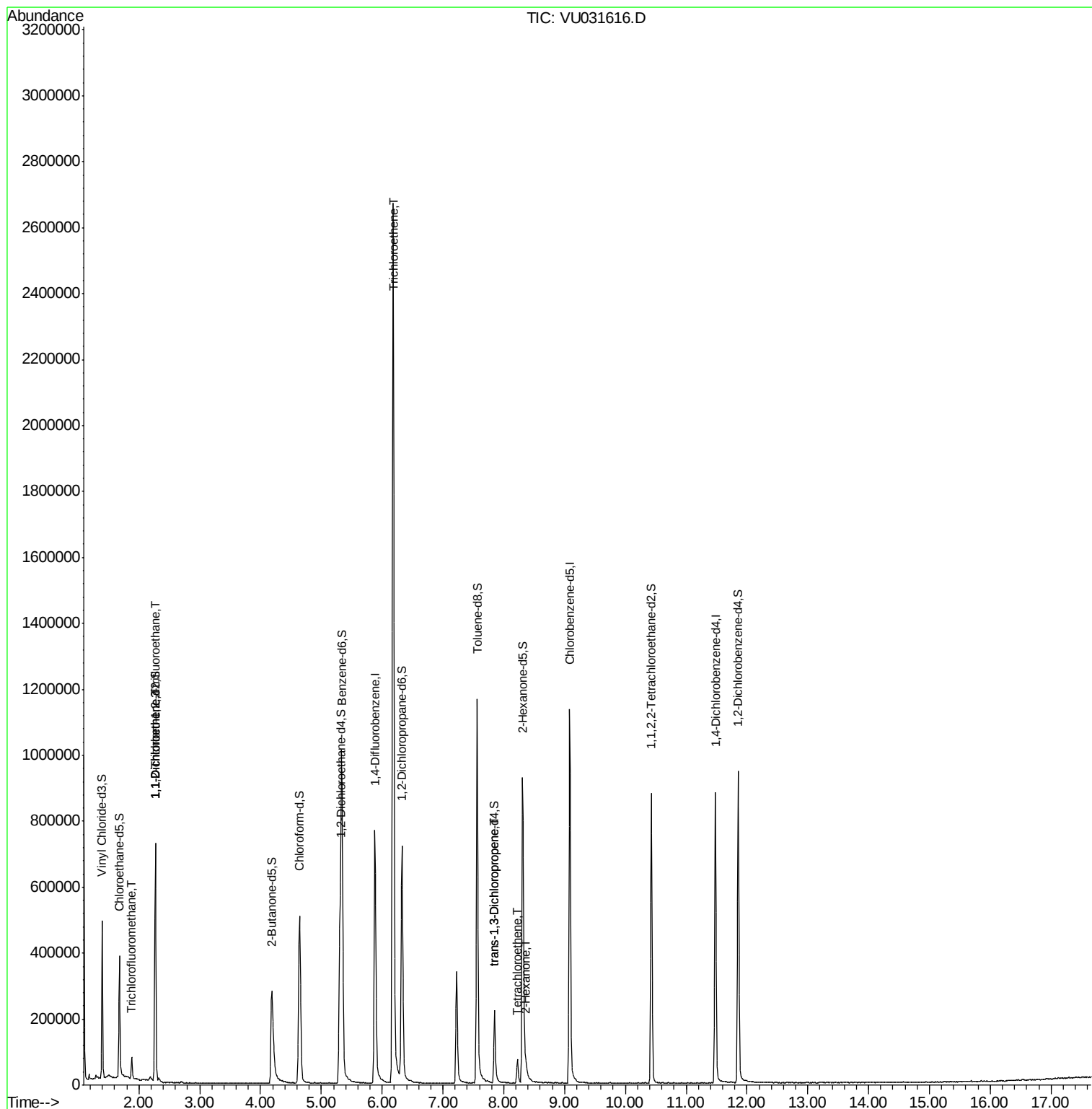
					Qvalue
9) Trichlorofluoromethane	1.88	101	32301	3.755 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3552	0.731 ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2918	0.617 ug/L #	1
34) Trichloroethene	6.18	95	1005842	190.727 ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	5797	0.783 ug/L	83
46) Tetrachloroethene	8.23	164	16268	4.525 ug/L	94
48) 2-Hexanone	8.37	43	21042	2.738 ug/L #	42

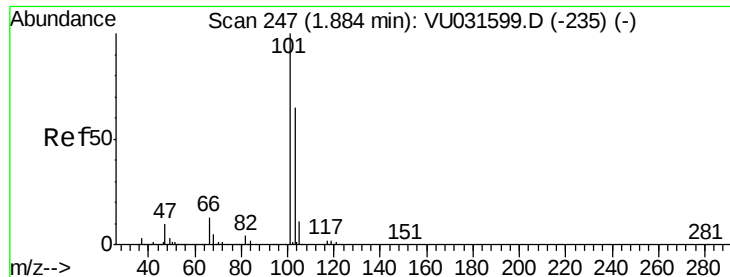
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 3.755 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 30 Apr 2019 03:32

Instrument :

MSVOA_U

ClientSampleId :

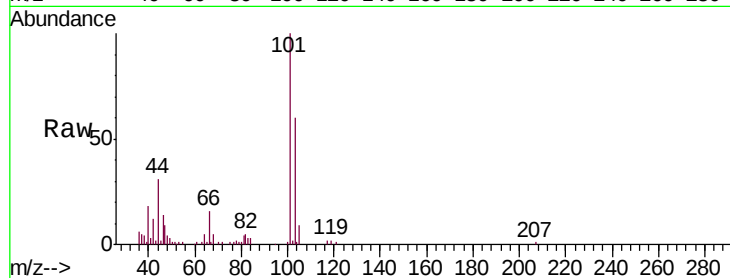
C0XB8

Tgt Ion:101 Resp: 32301

Ion Ratio Lower Upper

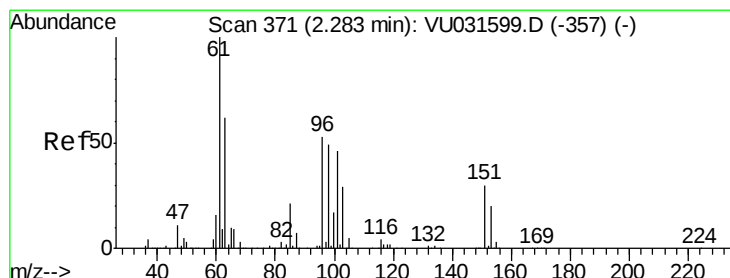
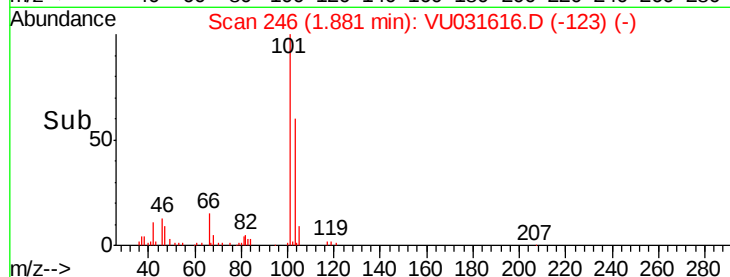
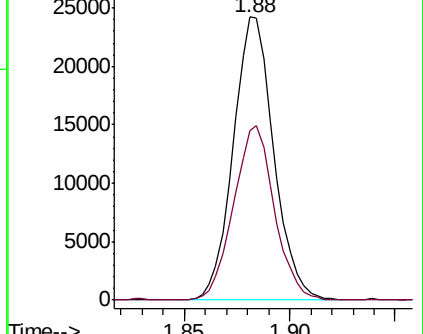
101 100

103 61.9 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: 0.731 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031616.D

Acq: 30 Apr 2019 03:32

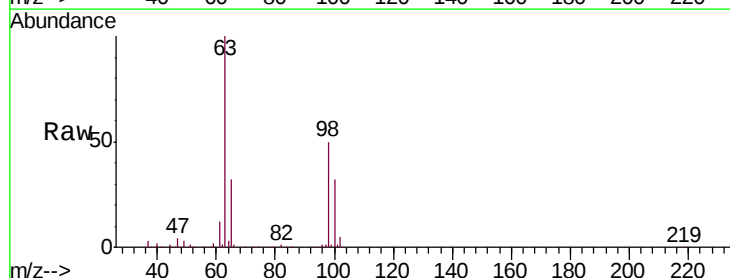
Tgt Ion:101 Resp: 3552

Ion Ratio Lower Upper

101 100

85 2.4 36.1 54.1#

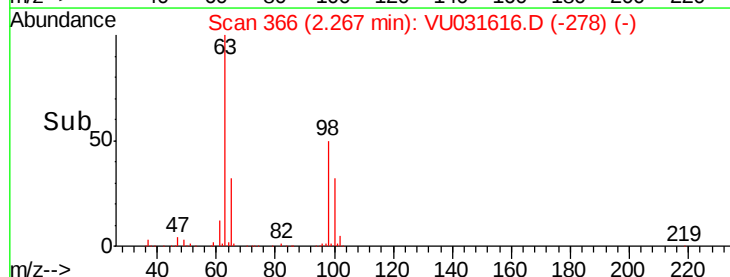
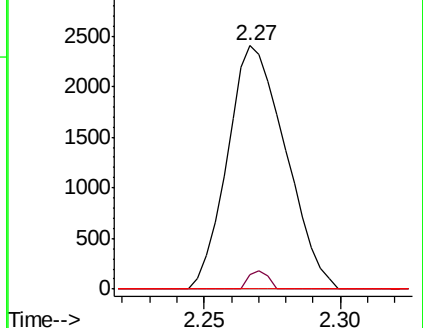
151 0.0 56.1 84.1#

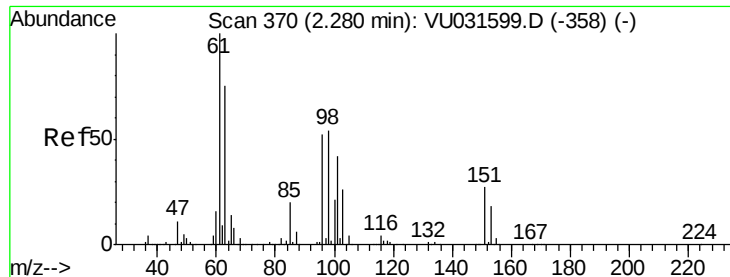


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.617 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031616.D

Acq: 30 Apr 2019 03:32

Instrument :

MSVOA_U

ClientSampled :

C0XB8

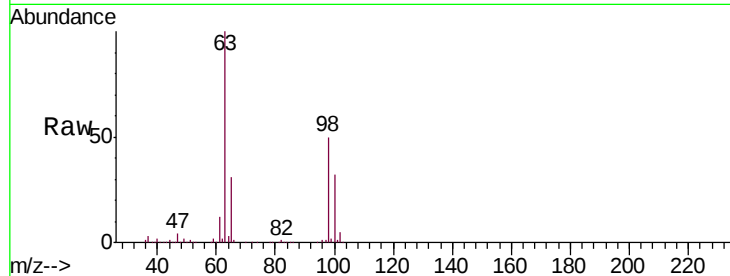
Tgt Ion: 96 Resp: 2918

Ion Ratio Lower Upper

96 100

61 1870.2 135.0 250.6#

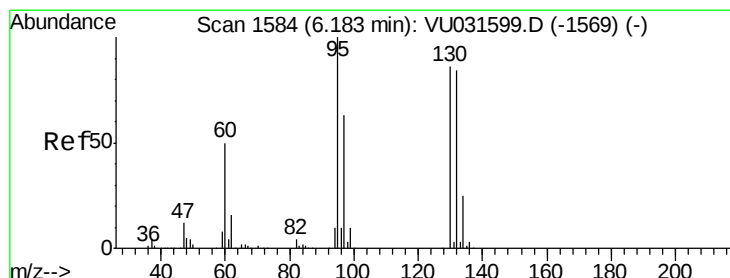
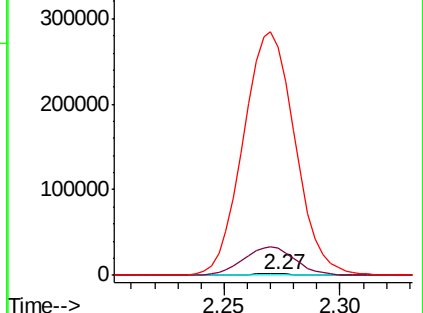
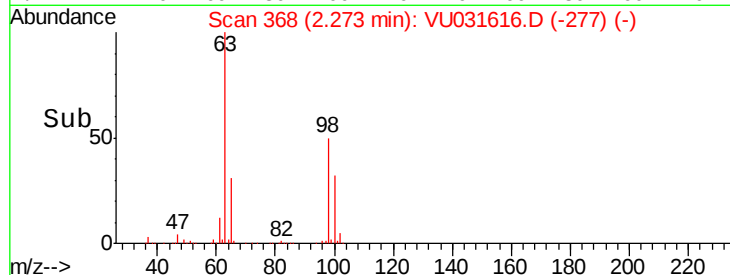
63 15990.4 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031616.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031616.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031616.D (-277) (-)



#34

Trichloroethene

Concen: 190.727 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031616.D

Acq: 30 Apr 2019 03:32

Tgt Ion: 95 Resp: 1005842

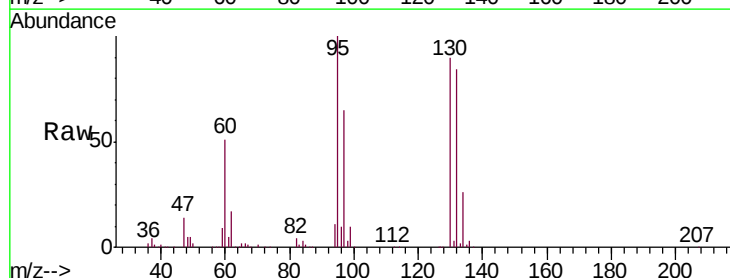
Ion Ratio Lower Upper

95 100

97 64.8 44.8 83.2

132 84.3 63.1 117.1

130 89.7 66.5 123.5

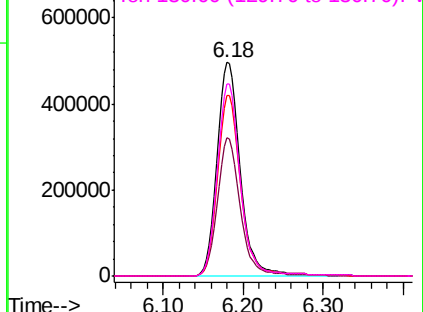
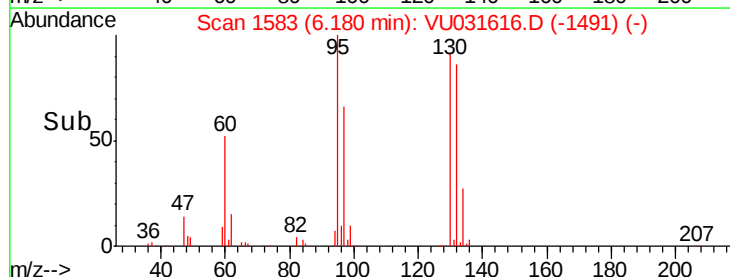


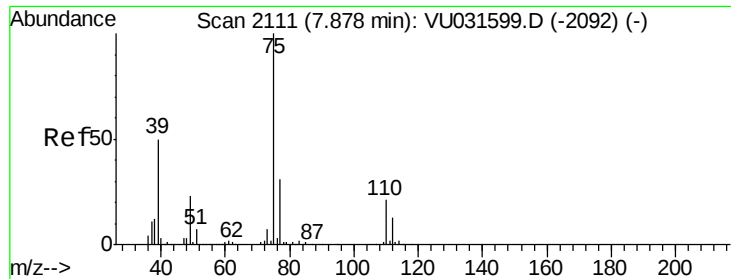
Abundance Ion 95.00 (94.70 to 95.70): VU031616.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031616.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031616.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031616.D (-1491) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031616.D

Acq: 30 Apr 2019 03:32

Instrument :

MSVOA_U

ClientSampleId :

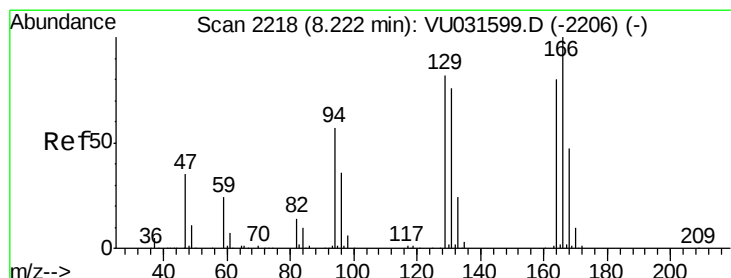
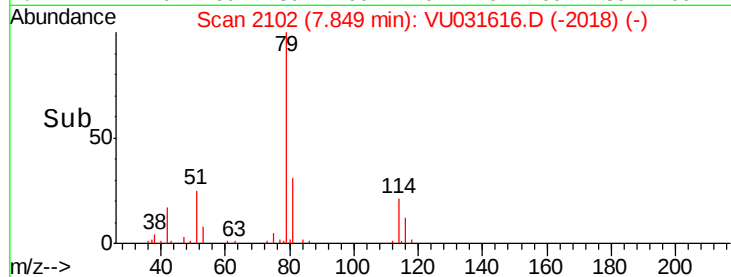
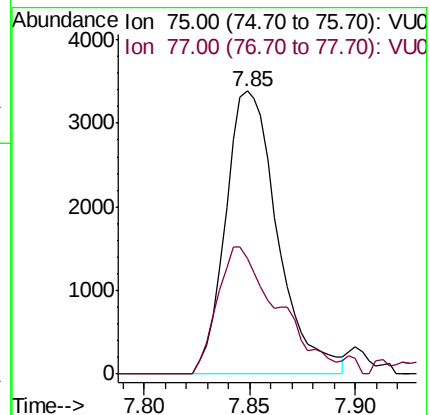
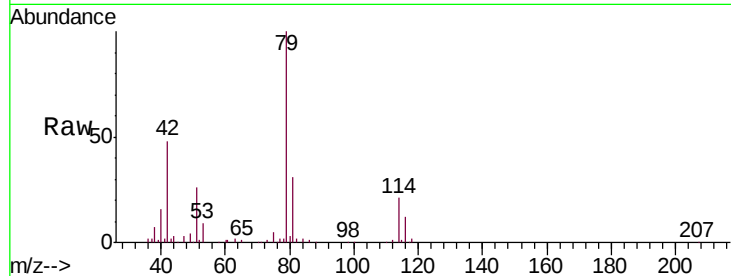
C0XB8

Tgt Ion: 75 Resp: 5797

Ion Ratio Lower Upper

75 100

77 40.8 22.1 41.1



#46

Tetrachloroethene

Concen: 4.525 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031616.D

Acq: 30 Apr 2019 03:32

Tgt Ion: 164 Resp: 16268

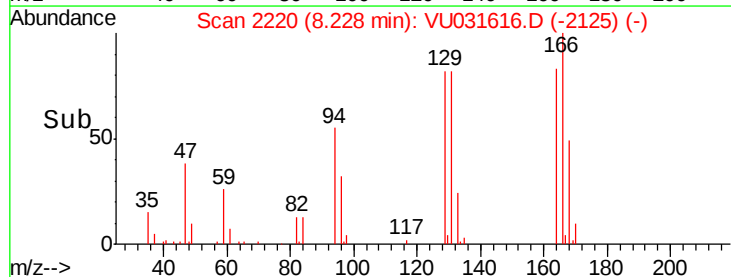
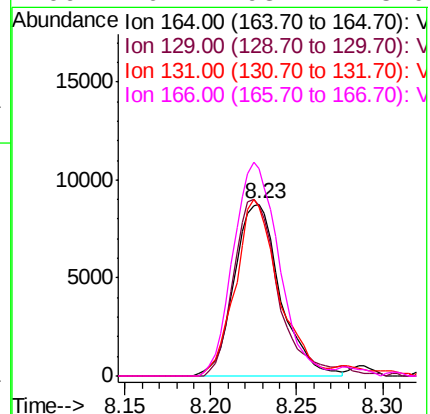
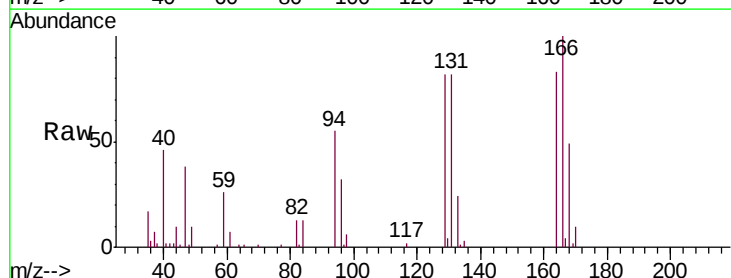
Ion Ratio Lower Upper

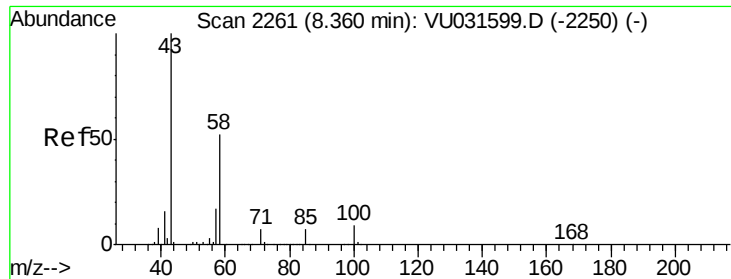
164 100

129 99.0 71.5 132.9

131 98.2 69.0 128.2

166 120.1 93.7 173.9





#48
 2-Hexanone
 Concen: 2.738 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031616.D
 Acq: 30 Apr 2019 03:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB8

Tgt Ion: 43 Resp: 21042
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 3.2 14.6 22.0#
 100 4.4 7.2 10.8#

