

Data File : VU031433.D
Acq On : 23 Apr 2019 13:16
Operator : JC/SP
Sample : K2428-13 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X13

Quant Time: Apr 24 06:04:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	677836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	620484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	248541	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.50%
7) Chloroethane-d5	1.68	69	204320	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.72%
11) 1,1-Dichloroethene-d2	2.27	63	351576	36.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.60%
21) 2-Butanone-d5	4.19	46	428470	104.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.64	84	424179	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
26) 1,2-Dichloroethane-d4	5.31	65	259437	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.34	84	845361	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
36) 1,2-Dichloropropane-d6	6.33	67	294237	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.02%
41) Toluene-d8	7.56	98	766477	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	7.85	79	124697	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.31	63	286781	99.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	363251	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.85	152	255638	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

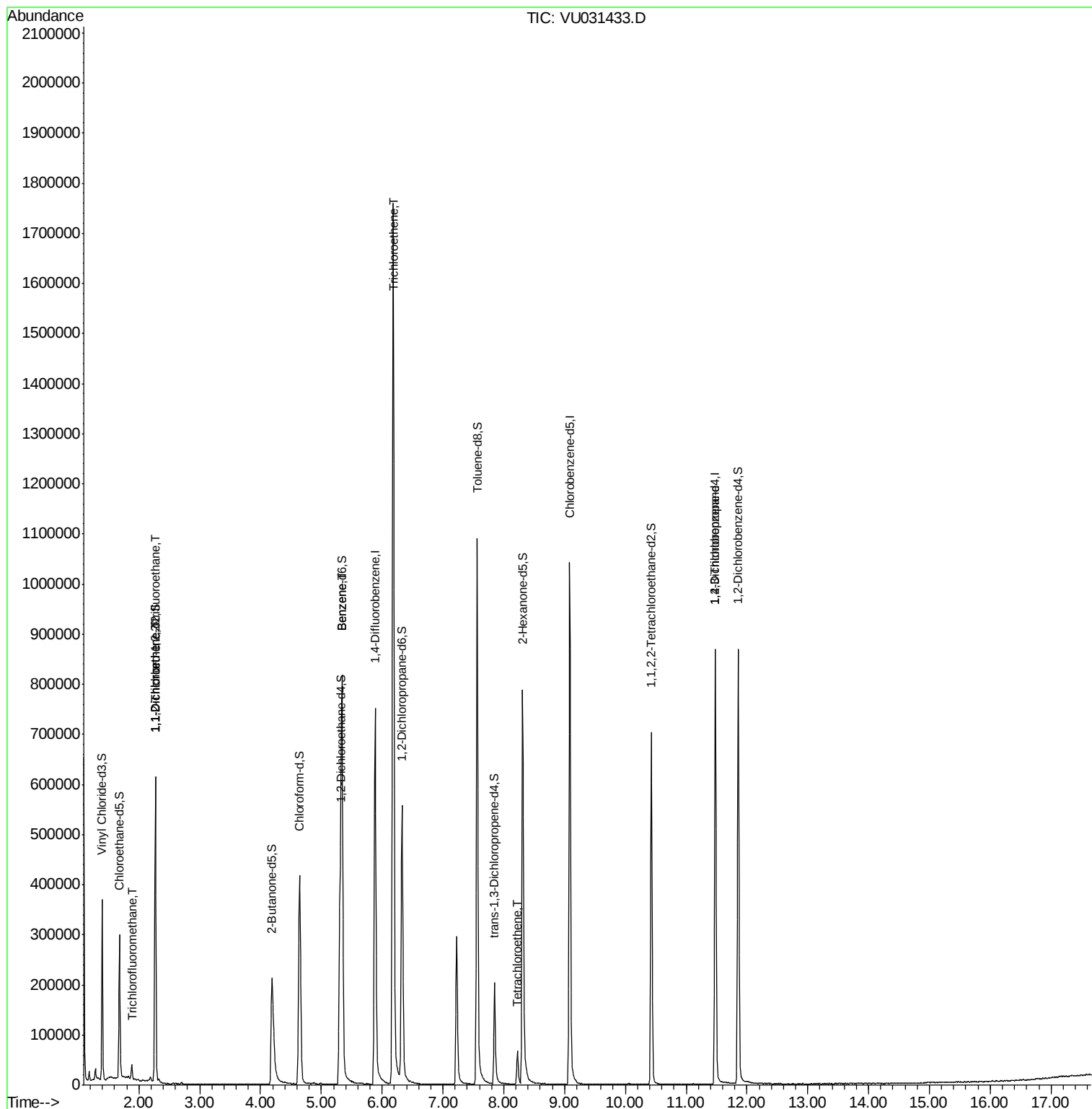
					Qvalue
9) Trichlorofluoromethane	1.88	101	12586	1.739 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3520	0.839 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2822	0.683 ug/L #	1
33) Benzene	5.34	78	7346	0.409 ug/L	100
34) Trichloroethene	6.18	95	657870	138.337 ug/L	99
46) Tetrachloroethene	8.22	164	16761	4.970 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	26210	4.440 ug/L	93

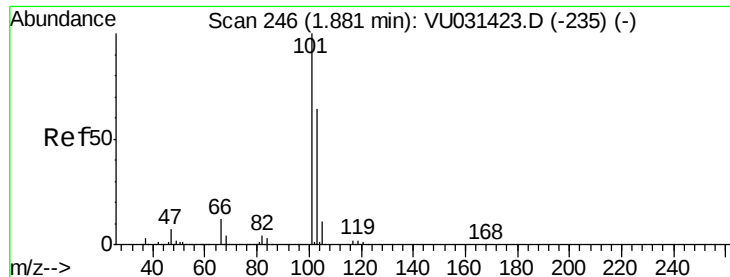
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.739 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

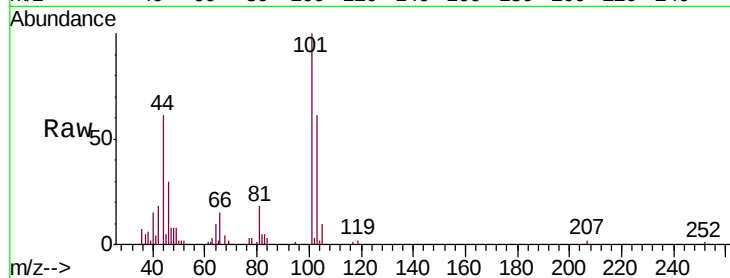
C0X13

Tgt Ion:101 Resp: 12586

Ion Ratio Lower Upper

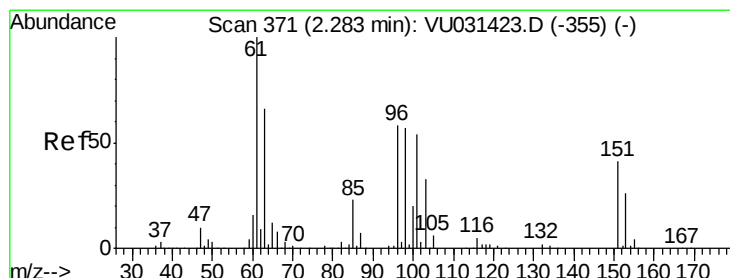
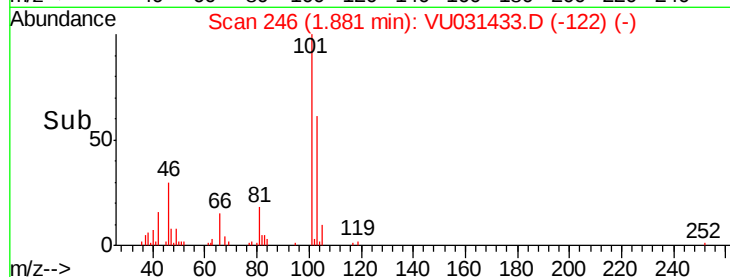
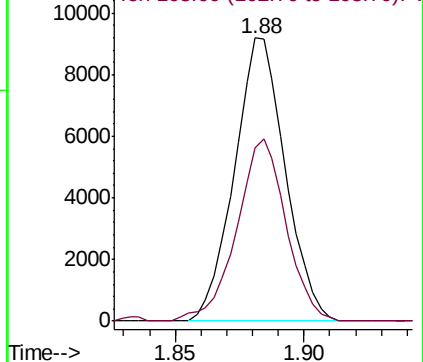
101 100

103 62.4 51.4 77.2



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: 0.839 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031433.D

Acq: 23 Apr 2019 13:16

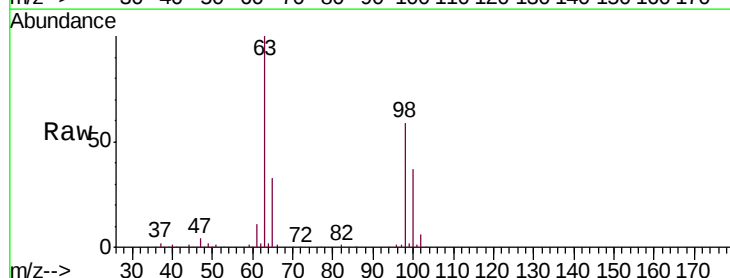
Tgt Ion:101 Resp: 3520

Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

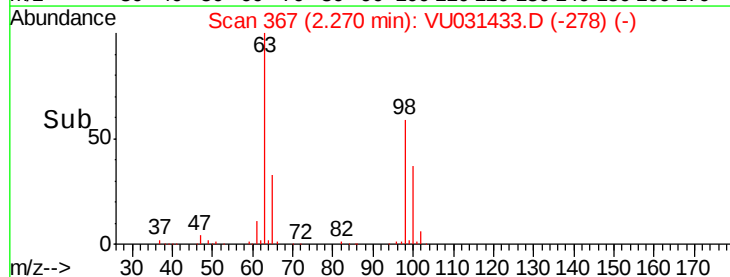
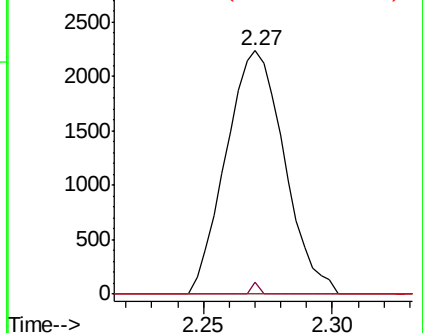
151 0.0 61.4 92.0#

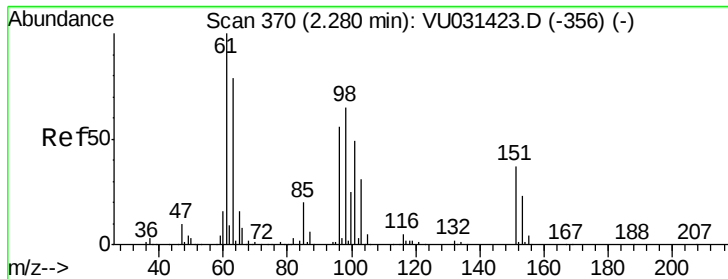


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.683 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031433.D

Acq: 23 Apr 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0X13

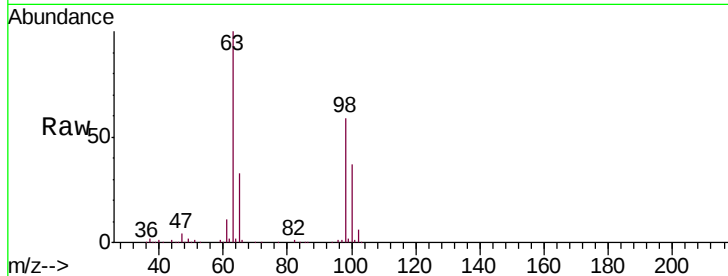
Tgt Ion: 96 Resp: 2822

Ion Ratio Lower Upper

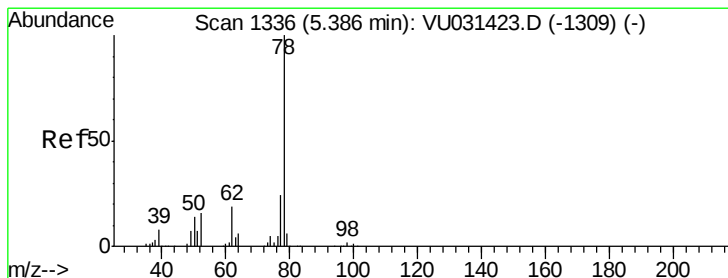
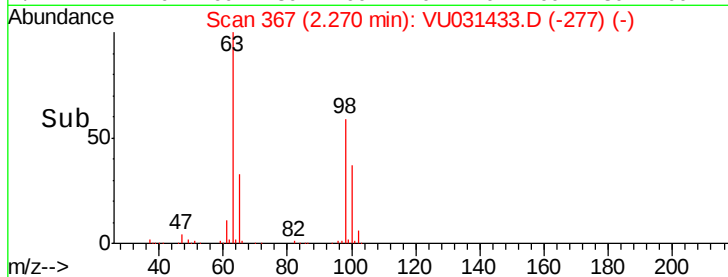
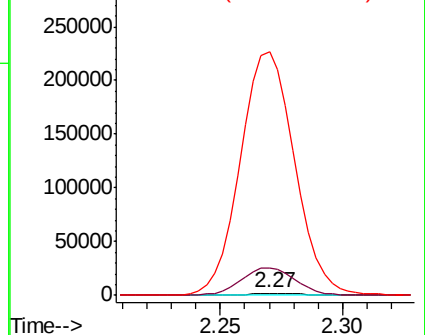
96 100

61 1593.6 118.9 220.9#

63 14023.8 99.3 184.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 63.00 (62.70 to 63.70): VU0



#33

Benzene

Concen: 0.409 ug/L

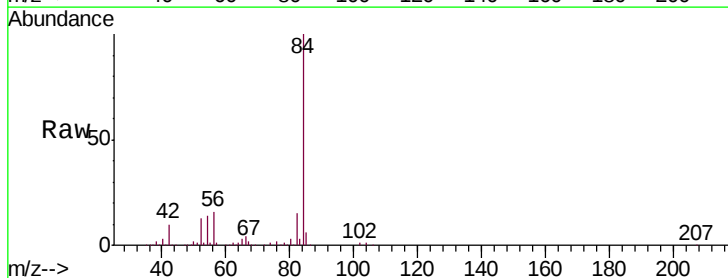
RT: 5.34 min Scan# 1322

Delta R.T. -0.05 min

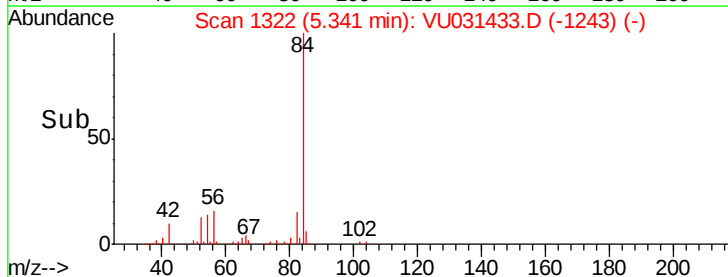
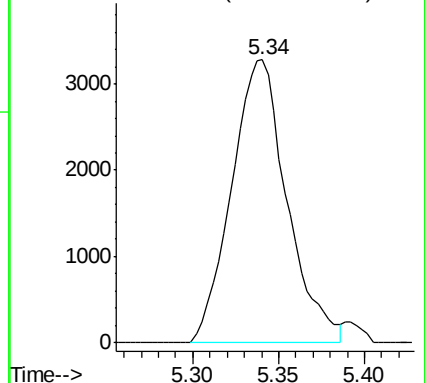
Lab File: VU031433.D

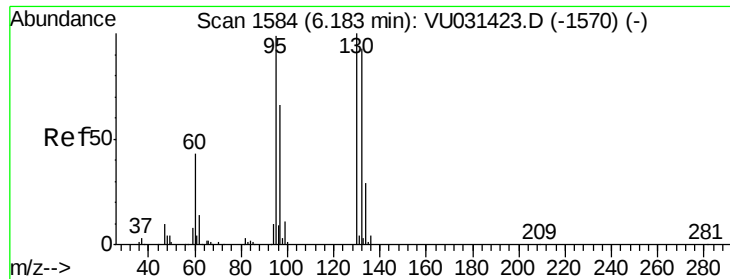
Acq: 23 Apr 2019 13:16

Tgt Ion: 78 Resp: 7346



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 138.337 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031433.D

Acq: 23 Apr 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0X13

Tgt Ion: 95 Resp: 657870

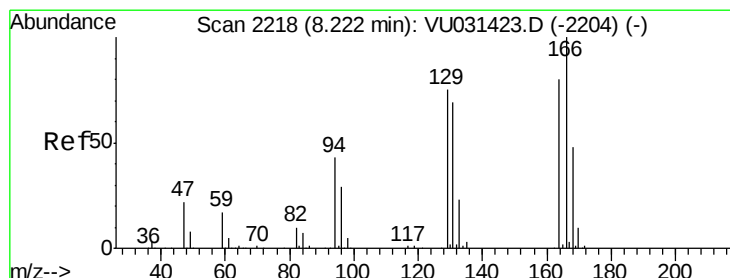
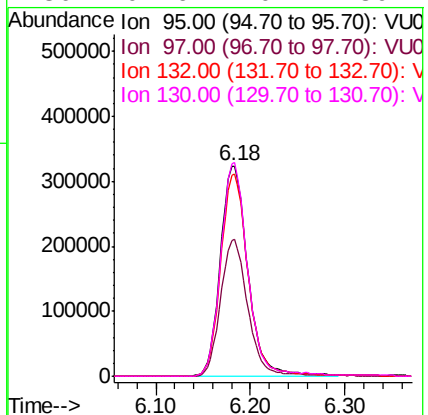
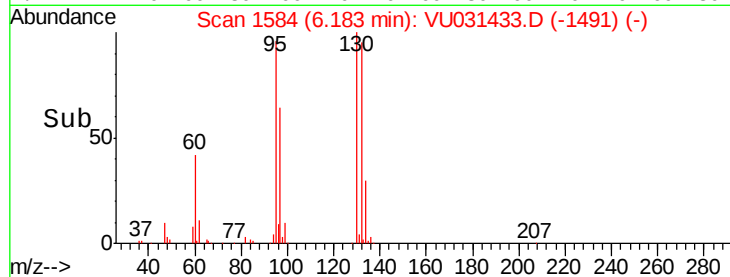
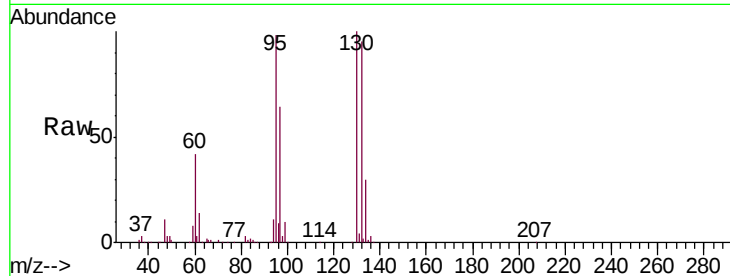
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 96.2 68.0 126.2

130 101.6 70.1 130.1



#46

Tetrachloroethene

Concen: 4.970 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031433.D

Acq: 23 Apr 2019 13:16

Tgt Ion: 164 Resp: 16761

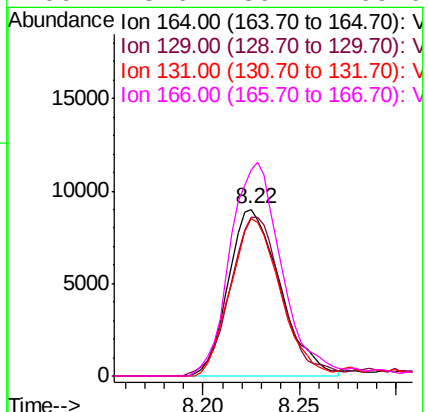
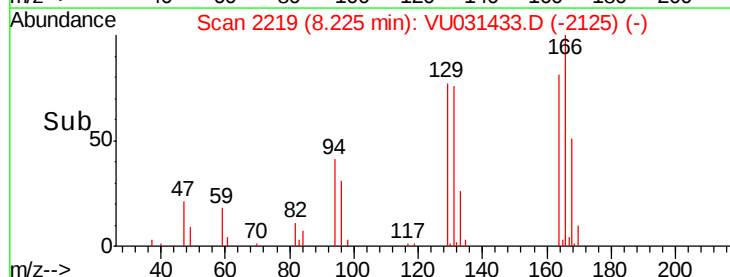
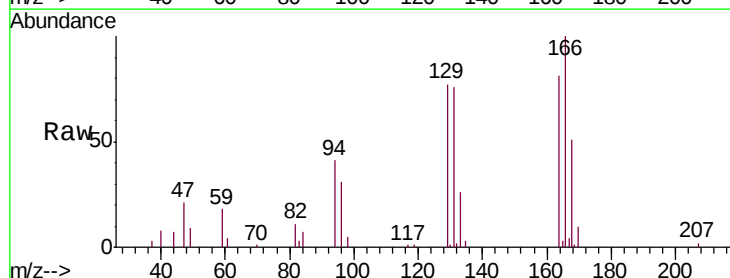
Ion Ratio Lower Upper

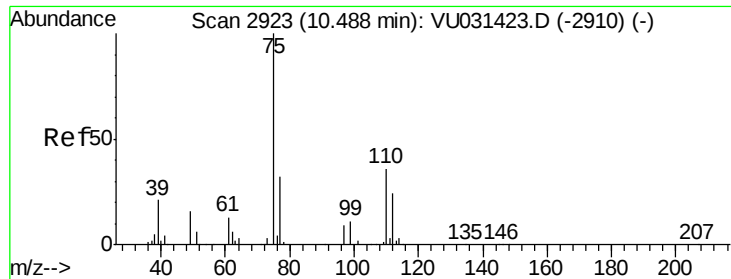
164 100

129 95.6 65.2 121.0

131 94.5 61.4 114.0

166 123.6 89.2 165.6





#59

1,2,3-Trichloropropane

Concen: 4.440 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031433.D

Acq: 23 Apr 2019 13:16

Instrument :

MSVOA_U

ClientSampleId :

C0X13

Tgt Ion: 75 Resp: 26210

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

