

Data File : VU031431.D
Acq On : 23 Apr 2019 12:30
Operator : JC/SP
Sample : K2478-08DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG1DL

Quant Time: Apr 24 06:04:09 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	659874	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	632606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251477	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250802	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.80%
7) Chloroethane-d5	1.68	69	205794	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.10%
11) 1,1-Dichloroethene-d2	2.27	63	361312	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
21) 2-Butanone-d5	4.19	46	435755	109.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.01%
24) Chloroform-d	4.64	84	426490	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
26) 1,2-Dichloroethane-d4	5.31	65	271167	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
32) Benzene-d6	5.34	84	893542	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	290485	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.56	98	761134	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	119677	44.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.32%
47) 2-Hexanone-d5	8.31	63	276829	93.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	397344	49.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	258633	50.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.62%

Target Compounds

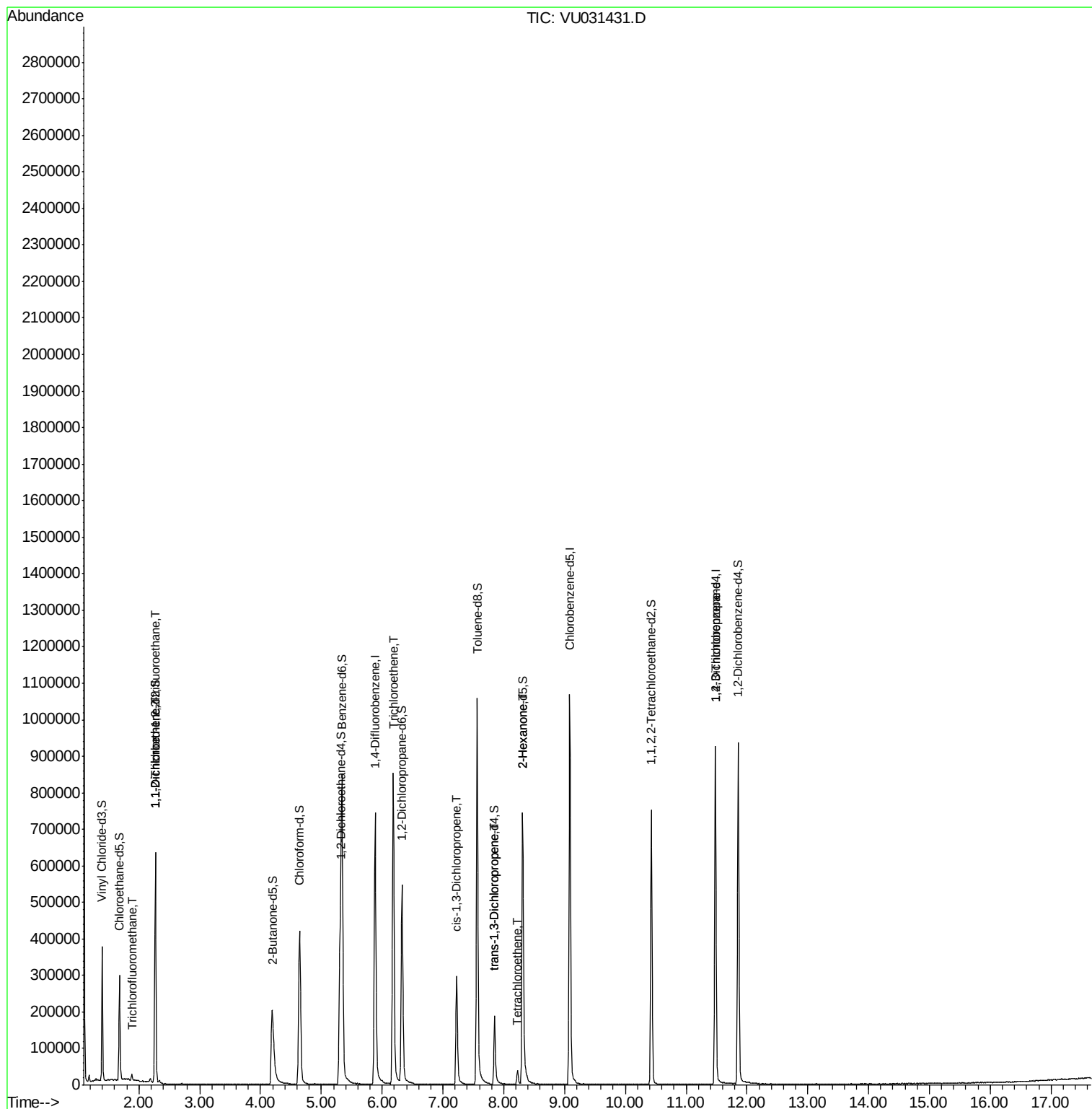
					Qvalue
9) Trichlorofluoromethane	1.88	101	4757	0.675 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3329	0.815 ug/L #	19
12) 1,1-Dichloroethene	2.27	96	2735	0.680 ug/L #	1
34) Trichloroethene	6.18	95	315021	64.973 ug/L	98
39) cis-1,3-Dichloropropene	7.23	75	7017	0.961 ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	4434	0.705 ug/L	88
46) Tetrachloroethene	8.23	164	10605	3.084 ug/L	91
48) 2-Hexanone	8.31	43	31296	5.413 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	28615	4.754 ug/L	90

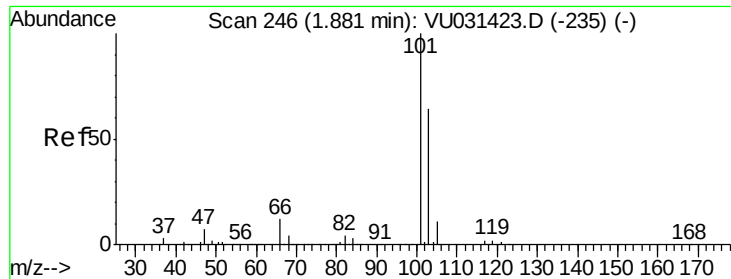
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.675 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

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Acq: 23 Apr 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

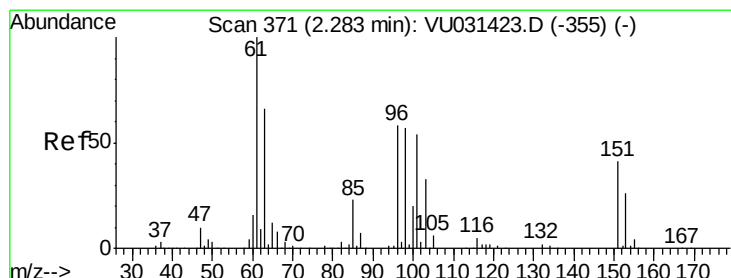
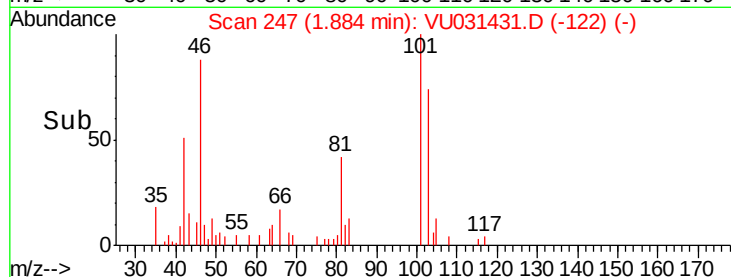
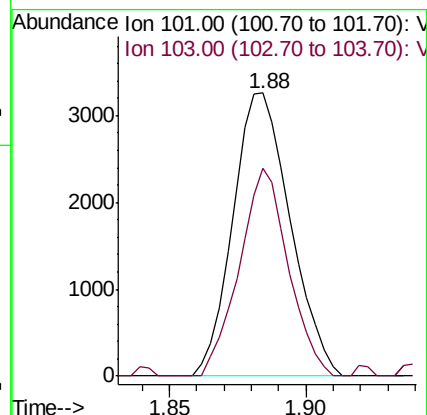
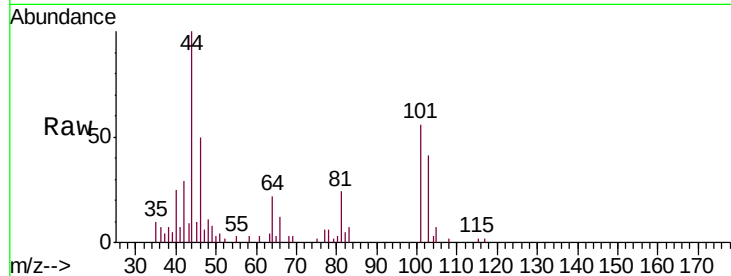
C0XG1DL

Tgt Ion:101 Resp: 4757

Ion Ratio Lower Upper

101 100

103 62.5 51.4 77.2



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.815 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

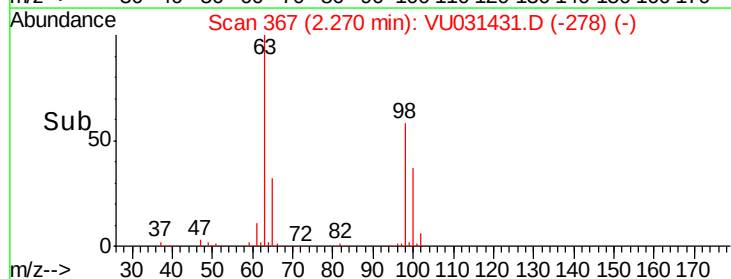
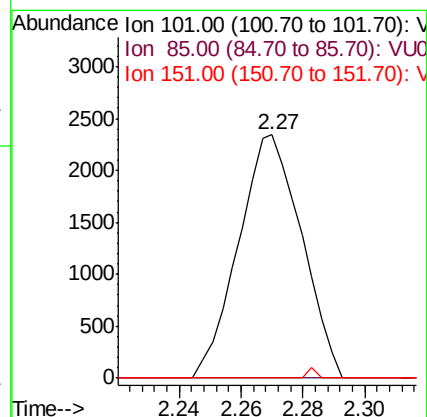
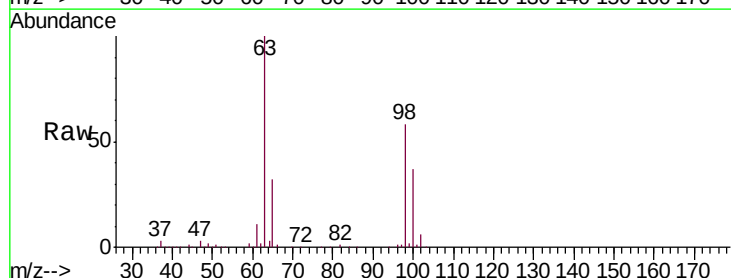
Tgt Ion:101 Resp: 3329

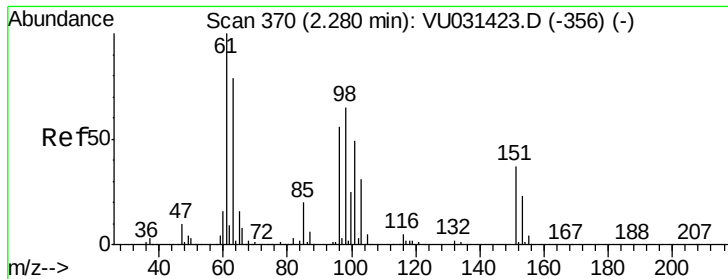
Ion Ratio Lower Upper

101 100

85 0.0 33.1 49.7#

151 0.0 61.4 92.0#





#12

1,1-Dichloroethene

Concen: 0.680 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

C0XG1DL

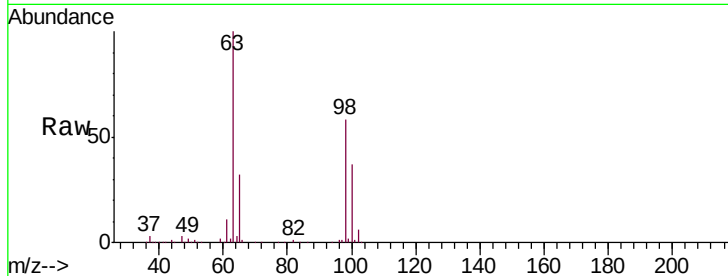
Tgt Ion: 96 Resp: 2735

Ion Ratio Lower Upper

96 100

61 1502.6 118.9 220.9#

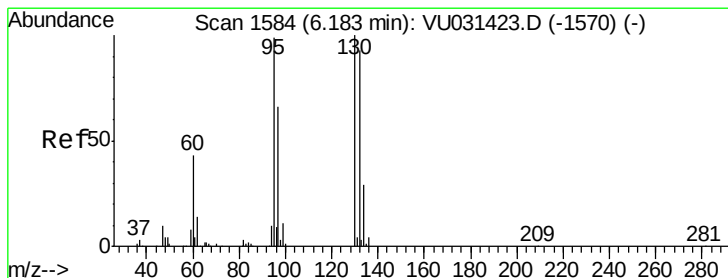
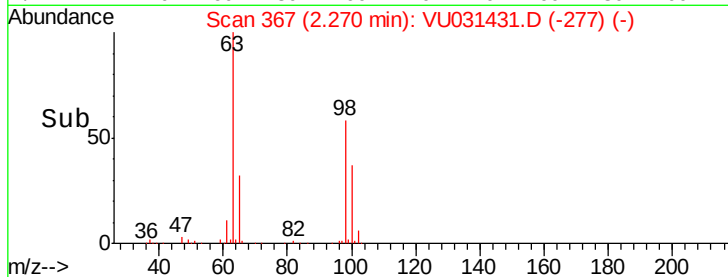
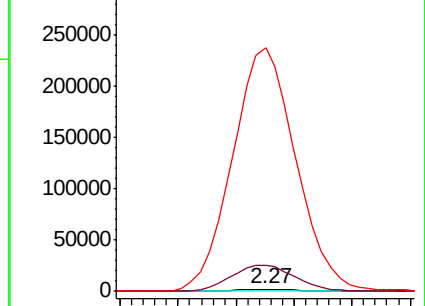
63 13746.6 99.3 184.3#



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



#34

Trichloroethene

Concen: 64.973 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

Tgt Ion: 95 Resp: 315021

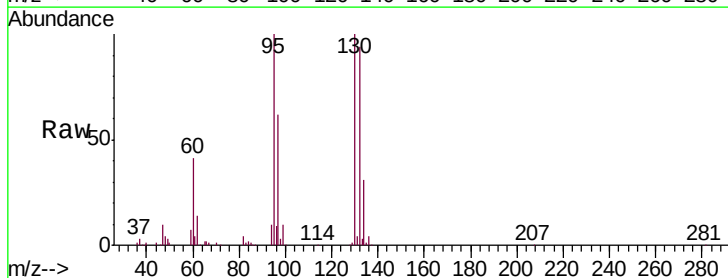
Ion Ratio Lower Upper

95 100

97 62.5 44.9 83.5

132 94.5 68.0 126.2

130 100.1 70.1 130.1

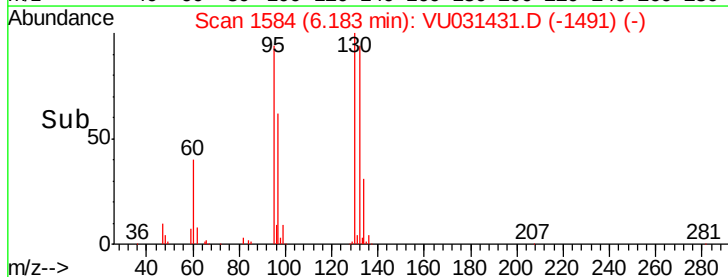
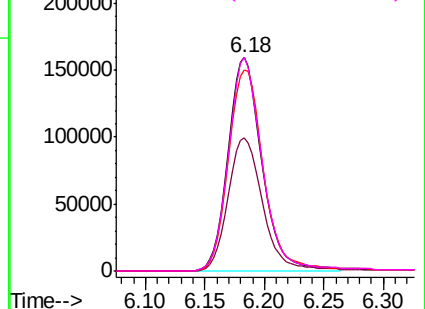


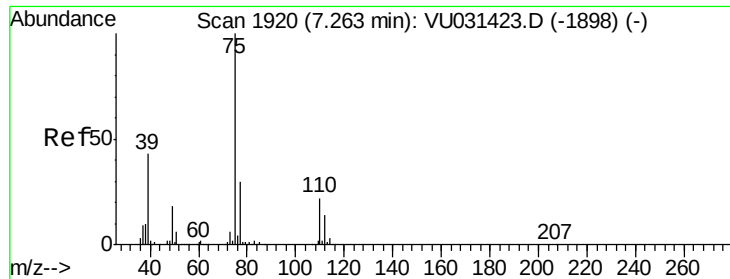
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

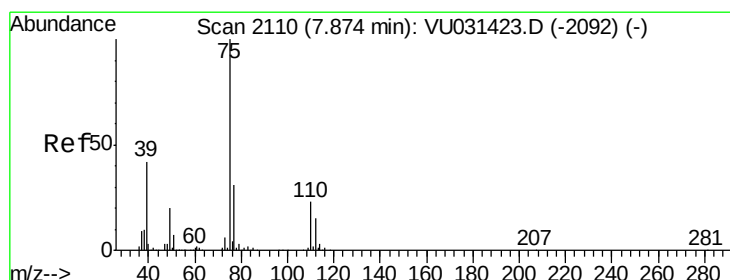
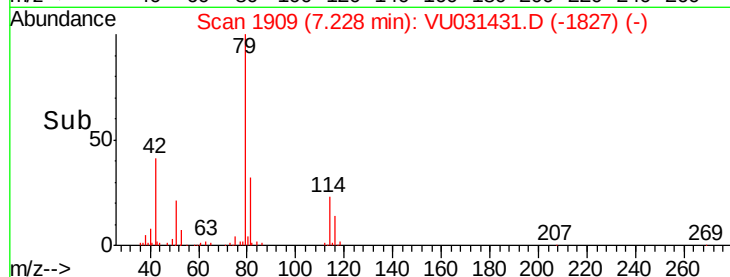
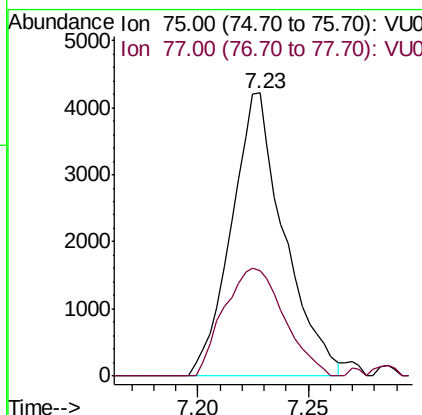
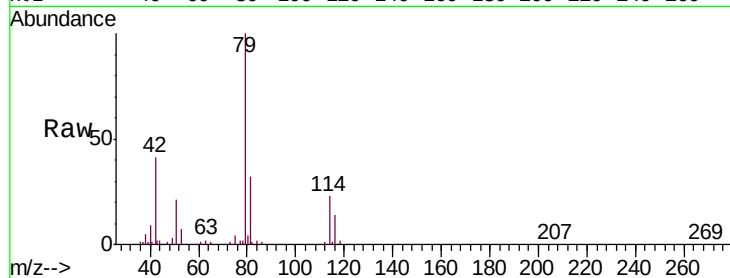




#39
 cis-1,3-Dichloropropene
 Concen: 0.961 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031431.D
 Acq: 23 Apr 2019 12:30

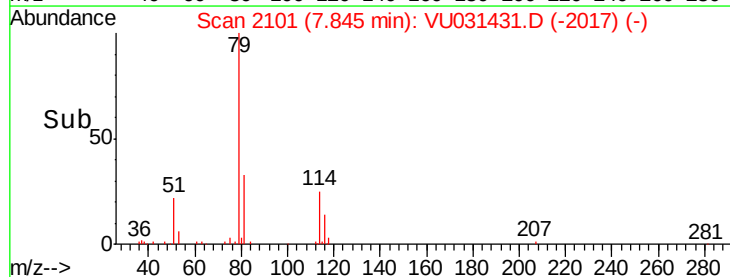
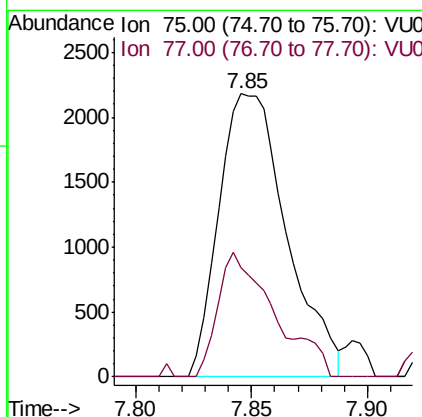
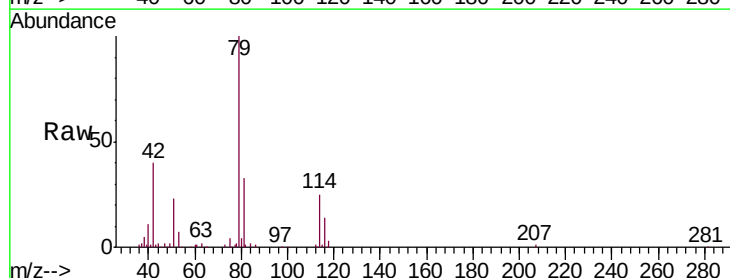
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG1DL

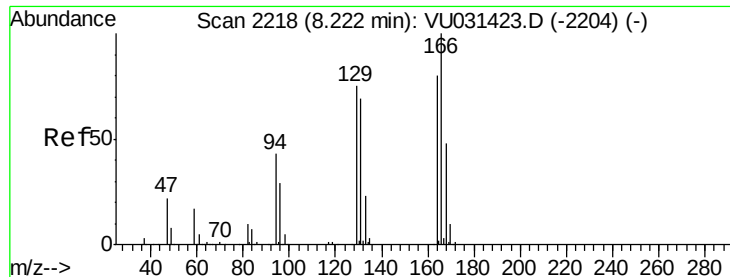
Tgt Ion: 75 Resp: 7017
 Ion Ratio Lower Upper
 75 100
 77 37.3 23.0 42.8



#44
 trans-1,3-Dichloropropene
 Concen: 0.705 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU031431.D
 Acq: 23 Apr 2019 12:30

Tgt Ion: 75 Resp: 4434
 Ion Ratio Lower Upper
 75 100
 77 38.5 22.3 41.3





#46

Tetrachloroethene

Concen: 3.084 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

C0XG1DL

Tgt Ion:164 Resp: 10605

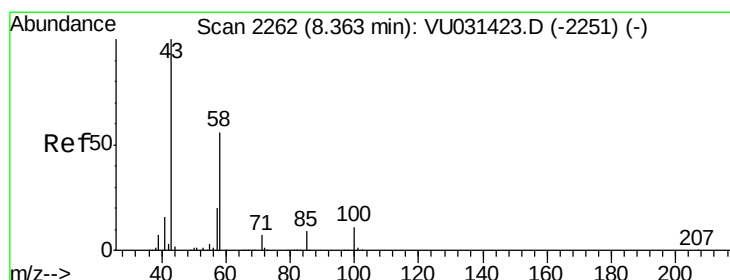
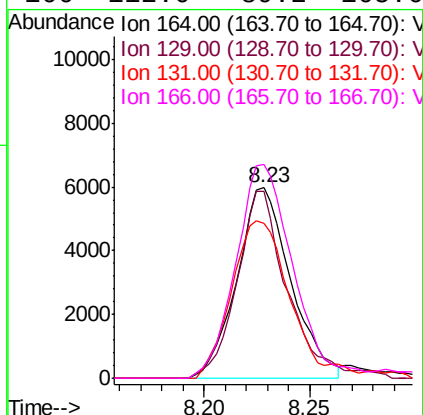
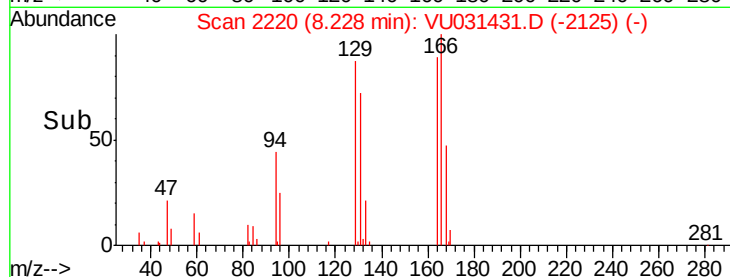
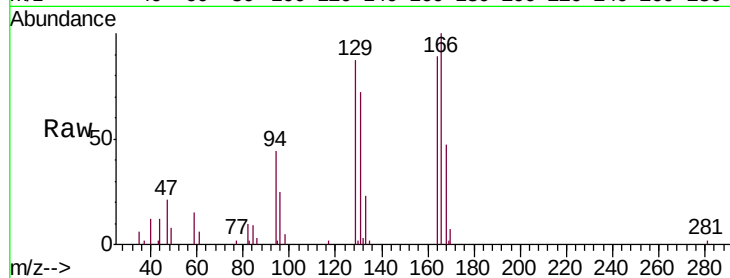
Ion Ratio Lower Upper

164 100

129 97.7 65.2 121.0

131 81.1 61.4 114.0

166 112.0 89.2 165.6



#48

2-Hexanone

Concen: 5.413 ug/L

RT: 8.31 min Scan# 2246

Delta R.T. -0.05 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

Tgt Ion: 43 Resp: 31296

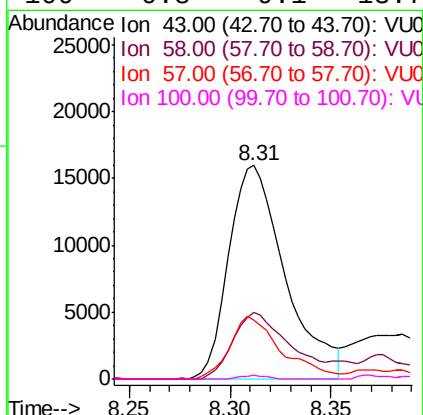
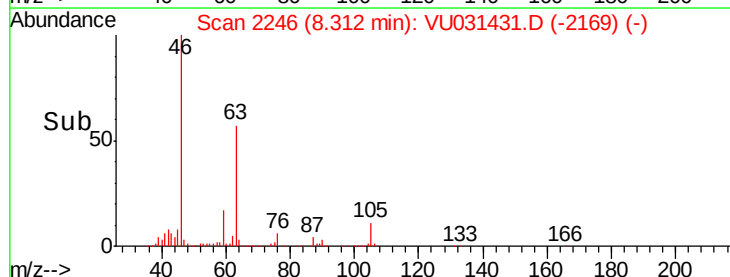
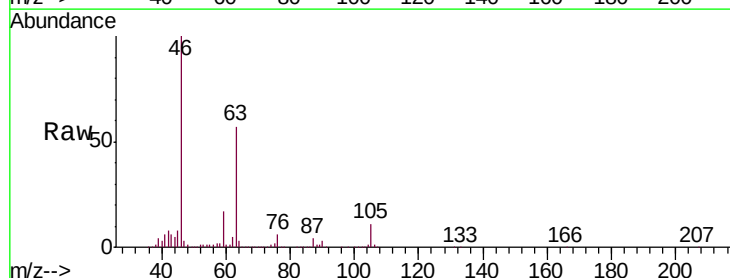
Ion Ratio Lower Upper

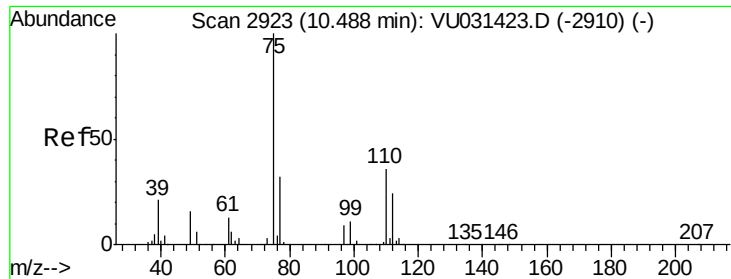
43 100

58 31.1 45.5 68.3#

57 26.9 15.2 22.8#

100 0.8 9.1 13.7#





#59

1,2,3-Trichloropropane

Concen: 4.754 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031431.D

Acq: 23 Apr 2019 12:30

Instrument :

MSVOA_U

ClientSampleId :

C0XG1DL

Tgt Ion: 75 Resp: 28615

Ion Ratio Lower Upper

75 100

77 37.5 25.6 38.4

