

Data File : VU031427.D
Acq On : 23 Apr 2019 10:57
Operator : JC/SP
Sample : K2478-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XG0DL

Quant Time: Apr 24 06:03:39 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	657791	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	620504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	267117	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	247609	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.68	69	202294	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.27	63	357899	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
21) 2-Butanone-d5	4.19	46	394760	99.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.64	84	427986	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
26) 1,2-Dichloroethane-d4	5.31	65	269873	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
32) Benzene-d6	5.34	84	887824	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
36) 1,2-Dichloropropane-d6	6.32	67	287130	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.56%
41) Toluene-d8	7.56	98	751183	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.85	79	120538	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.72%
47) 2-Hexanone-d5	8.31	63	279055	96.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405730	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	272455	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

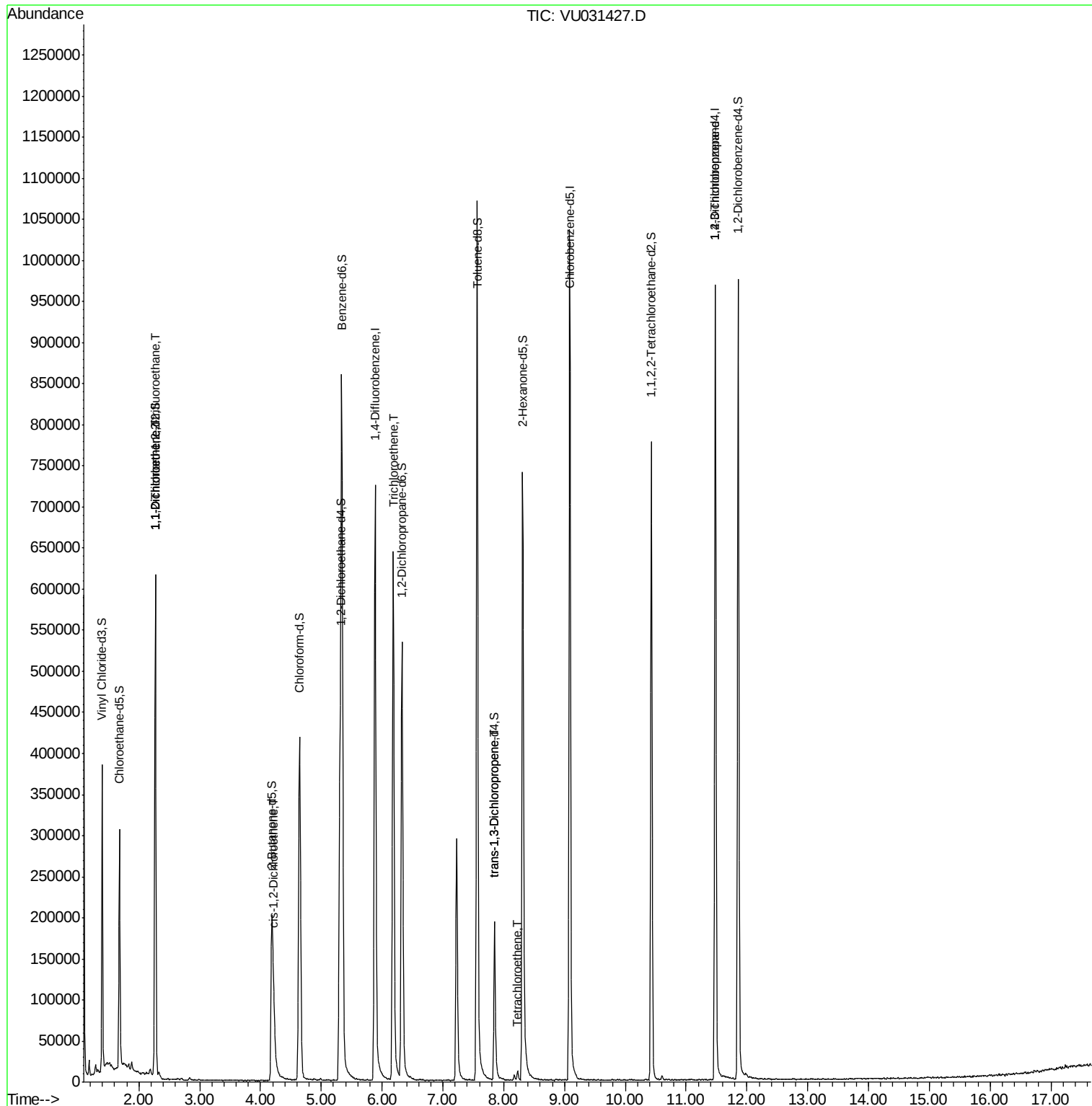
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2848	0.699 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	3206	0.800 ug/L #	1
20) cis-1,2-Dichloroethene	4.22	96	12555	2.677 ug/L	97
34) Trichloroethene	6.18	95	241134	50.704 ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	4242	0.687 ug/L #	57
46) Tetrachloroethene	8.23	164	2741	0.813 ug/L	86
59) 1,2,3-Trichloropropane	11.48	75	30685	5.197 ug/L	92

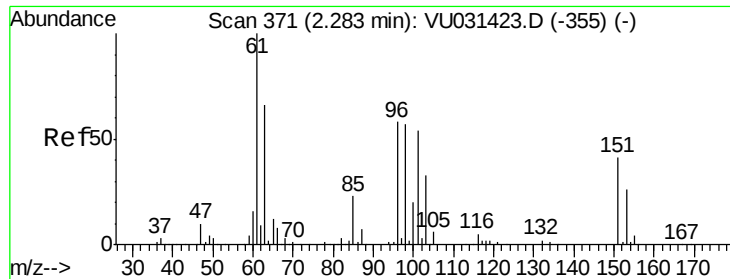
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.699 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 23 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

C0XG0DL

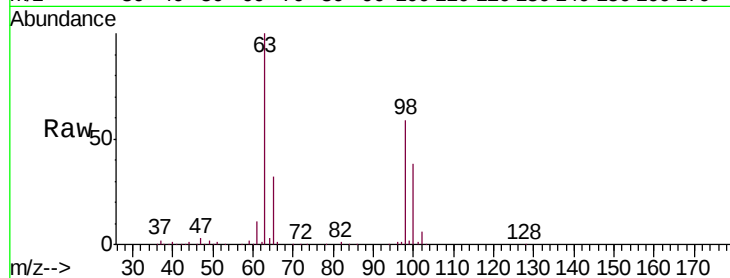
Tgt Ion: 101 Resp: 2848

Ion Ratio Lower Upper

101 100

85 1.7 33.1 49.7#

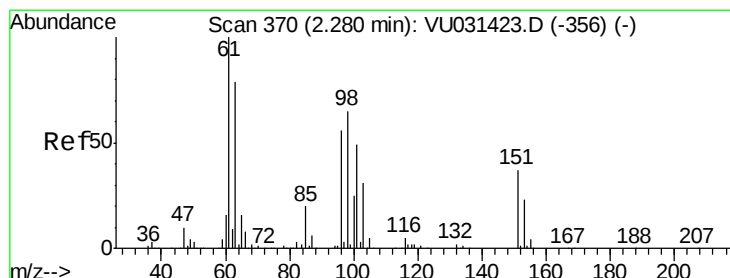
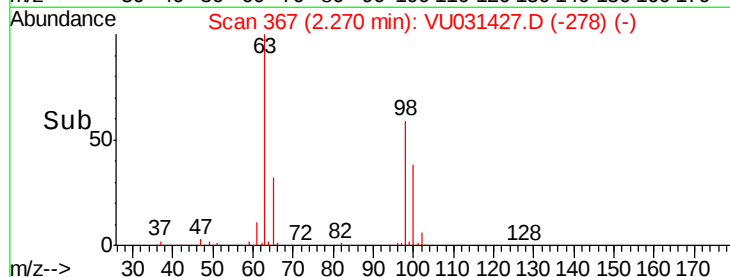
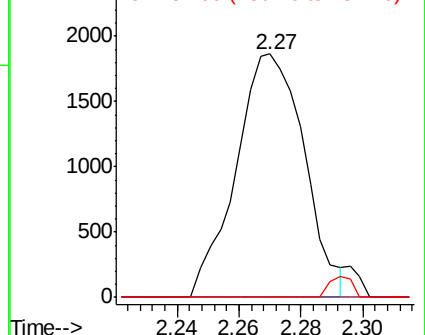
151 2.8 61.4 92.0#



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: 0.800 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU031427.D

Acq: 23 Apr 2019 10:57

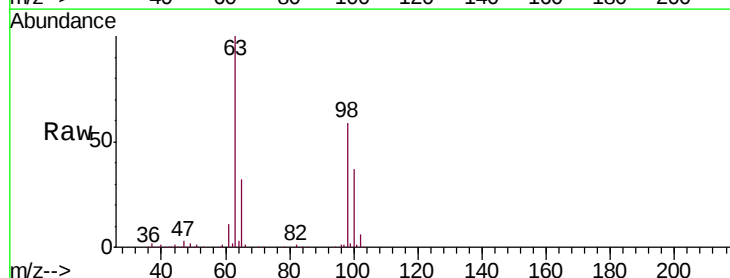
Tgt Ion: 96 Resp: 3206

Ion Ratio Lower Upper

96 100

61 1057.5 118.9 220.9#

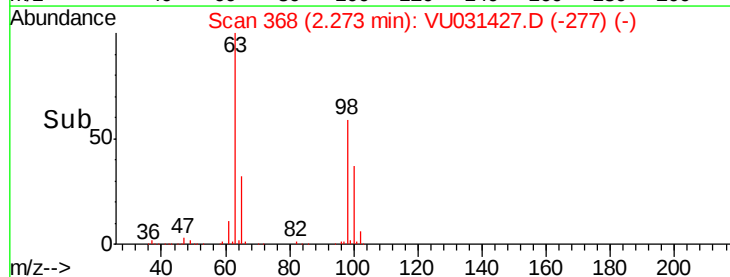
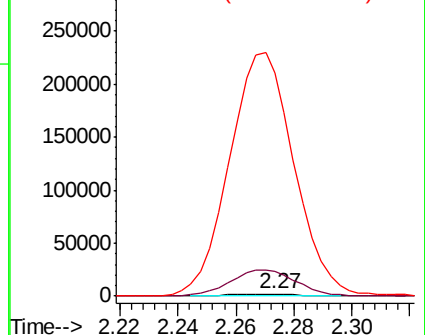
63 9635.2 99.3 184.3#

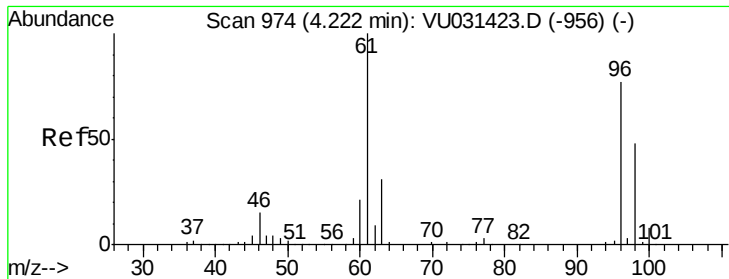


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

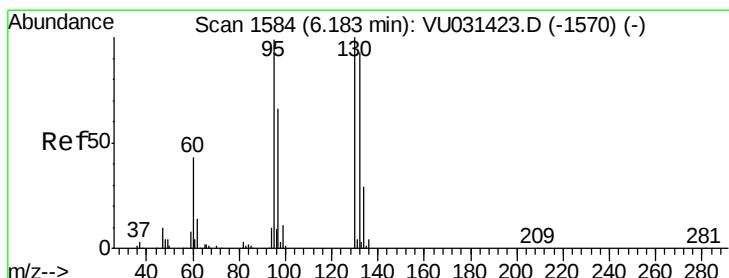
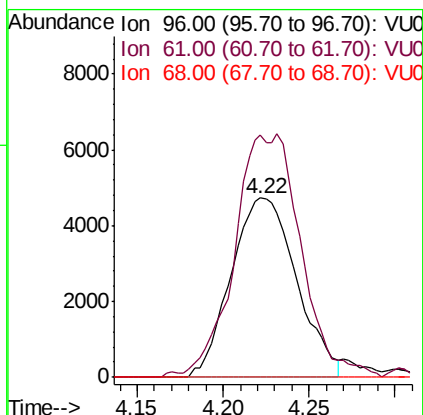
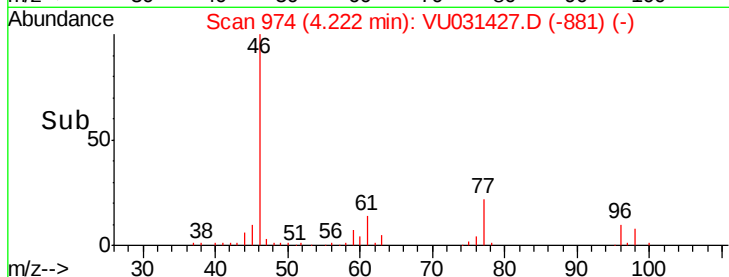
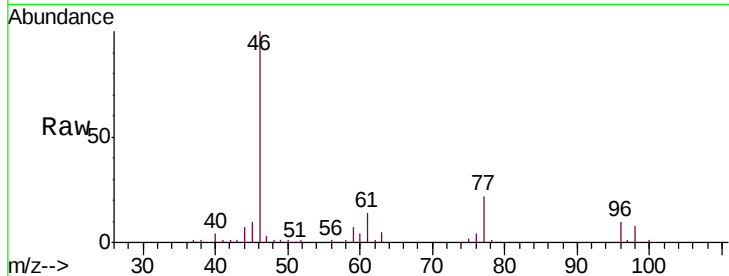




#20
 cis-1,2-Dichloroethene
 Concen: 2.677 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031427.D
 Acq: 23 Apr 2019 10:57

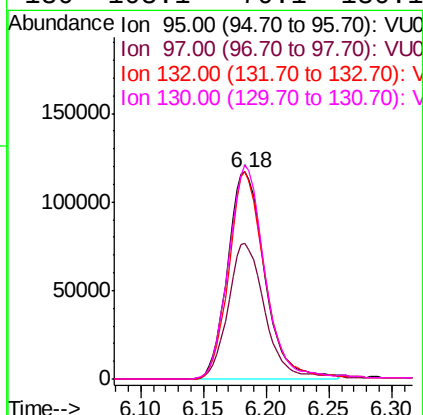
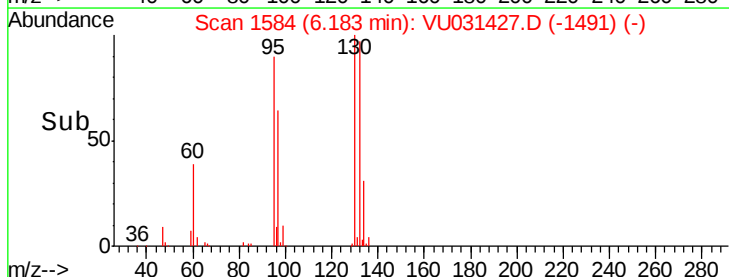
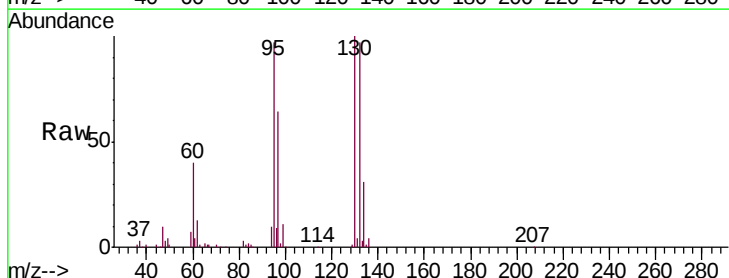
Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG0DL

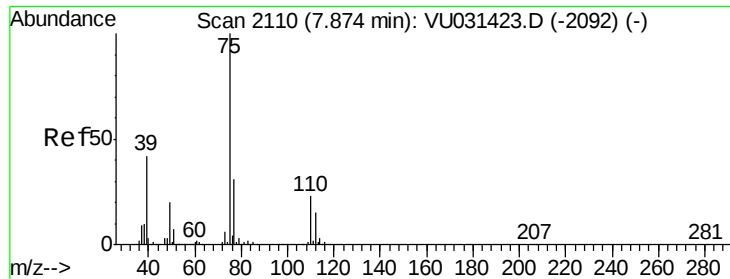
Tgt Ion:	96	Resp:	12555
Ion	Ratio	Lower	Upper
96	100		
61	135.1	91.9	170.7
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 50.704 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031427.D
 Acq: 23 Apr 2019 10:57

Tgt Ion:	95	Resp:	241134
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.9	83.5
132	100.2	68.0	126.2
130	103.1	70.1	130.1





#44

trans-1,3-Dichloropropene

Concen: 0.687 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU031427.D

Acq: 23 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

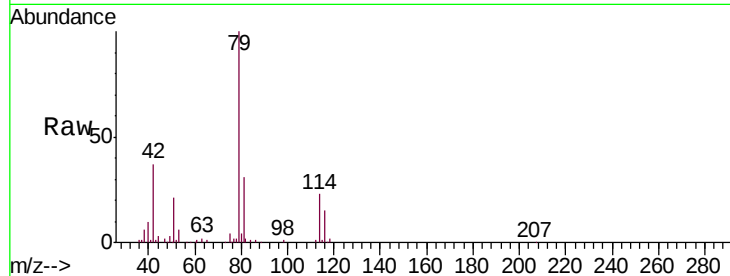
C0XG0DL

Tgt Ion: 75 Resp: 4242

Ion Ratio Lower Upper

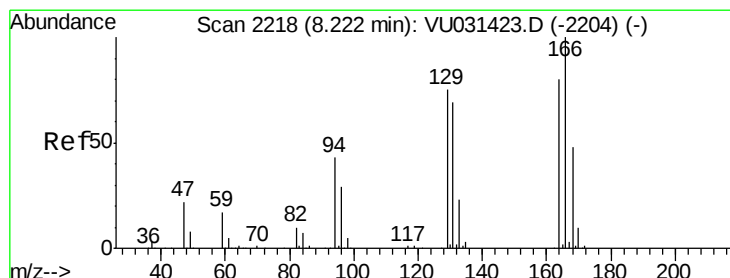
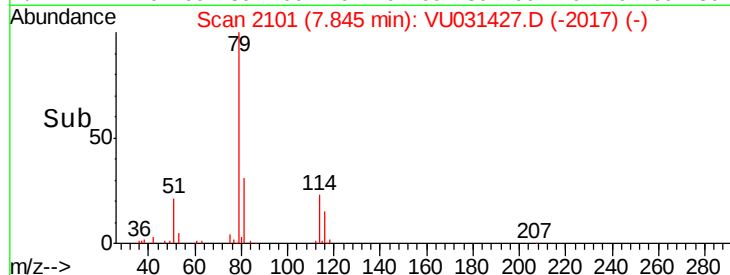
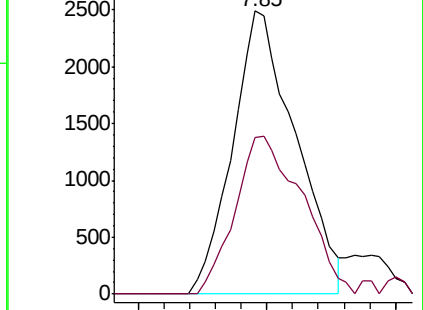
75 100

77 55.5 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VU031427.D (-2101) (-)

Ion 77.00 (76.70 to 77.70): VU031427.D (-2101) (-)



#46

Tetrachloroethene

Concen: 0.813 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031427.D

Acq: 23 Apr 2019 10:57

Tgt Ion: 164 Resp: 2741

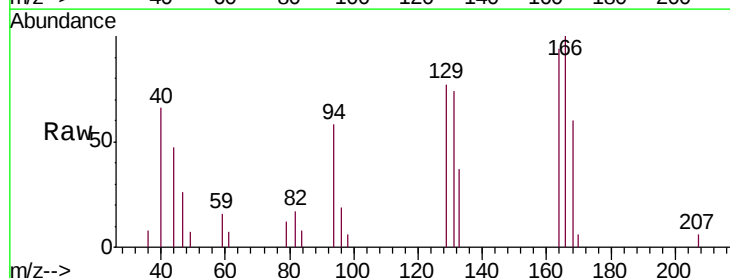
Ion Ratio Lower Upper

164 100

129 81.7 65.2 121.0

131 78.2 61.4 114.0

166 106.3 89.2 165.6

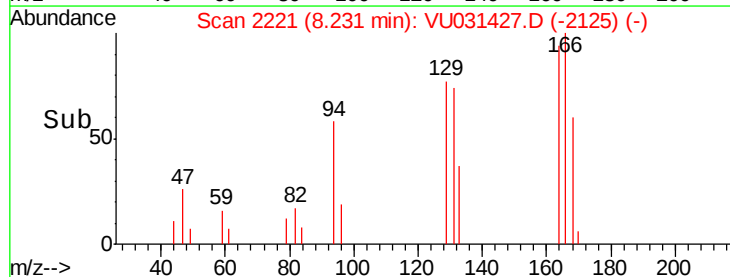
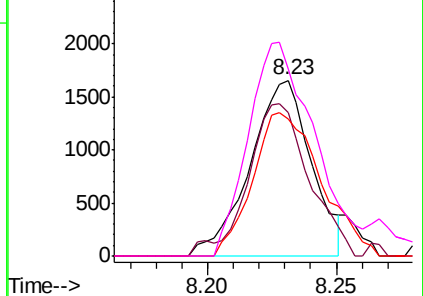


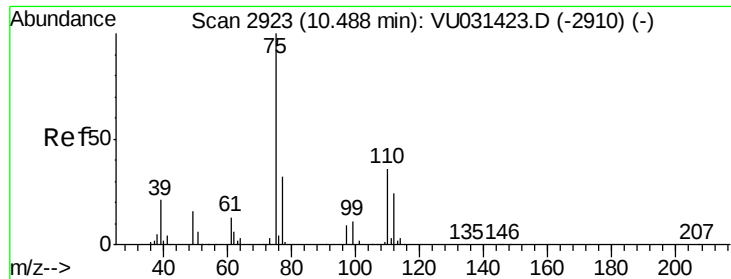
Abundance Ion 164.00 (163.70 to 164.70): VU031427.D (-2221) (-)

Ion 129.00 (128.70 to 129.70): VU031427.D (-2221) (-)

Ion 131.00 (130.70 to 131.70): VU031427.D (-2221) (-)

Ion 166.00 (165.70 to 166.70): VU031427.D (-2221) (-)





#59

1,2,3-Trichloropropane

Concen: 5.197 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031427.D

Acq: 23 Apr 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

C0XG0DL

Tgt Ion: 75 Resp: 30685

Ion Ratio Lower Upper

75 100

77 36.5 25.6 38.4

