

Data File : VU031428.D
Acq On : 23 Apr 2019 11:20
Operator : JC/SP
Sample : K2477-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X64DL

Quant Time: Apr 24 06:03:47 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	681217	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	598797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251292	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	251580	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.16%
7) Chloroethane-d5	1.68	69	205914	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.27	63	371129	38.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.30%
21) 2-Butanone-d5	4.19	46	420360	101.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.86%
24) Chloroform-d	4.64	84	443620	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.31	65	278192	52.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.60%
32) Benzene-d6	5.34	84	919117	53.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.26%
36) 1,2-Dichloropropane-d6	6.32	67	308714	55.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.92%
41) Toluene-d8	7.56	98	765877	49.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.14%
43) trans-1,3-Dichloropropene-	7.85	79	118300	46.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.28%
47) 2-Hexanone-d5	8.31	63	286273	102.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	379991	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	264890	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.88	101	7848	1.079	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3208	0.760	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2631	0.634	ug/L #	1
13) Acetone	2.34	43	2024	0.625	ug/L	94
34) Trichloroethene	6.18	95	326209	71.080	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	4898	0.822	ug/L	95
46) Tetrachloroethene	8.23	164	10365	3.184	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	27208	4.776	ug/L	91

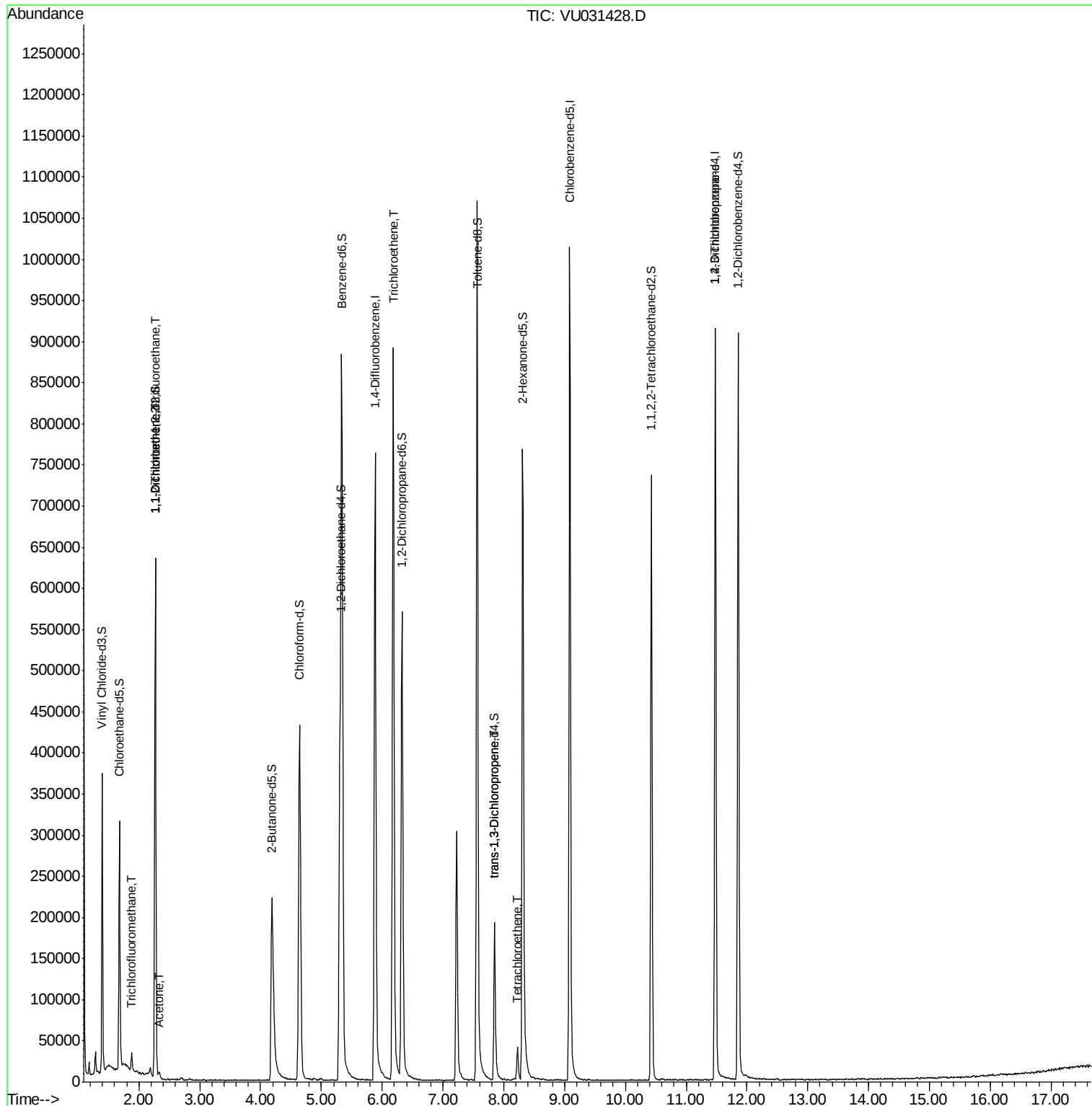
(#) = qualifier out of range (m) = manual integration (+) = signals summed

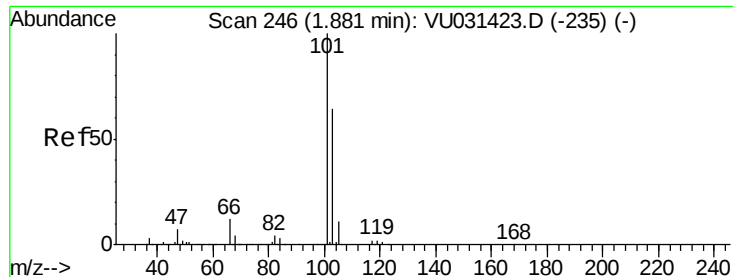
Data File : VU031428.D

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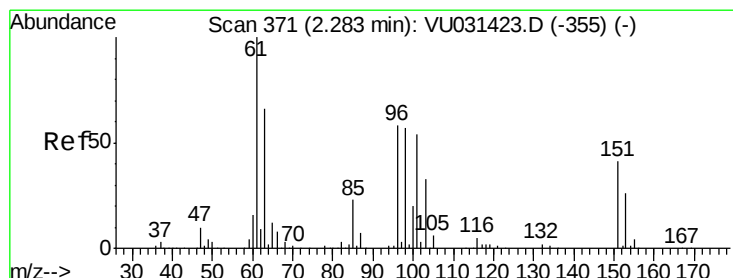
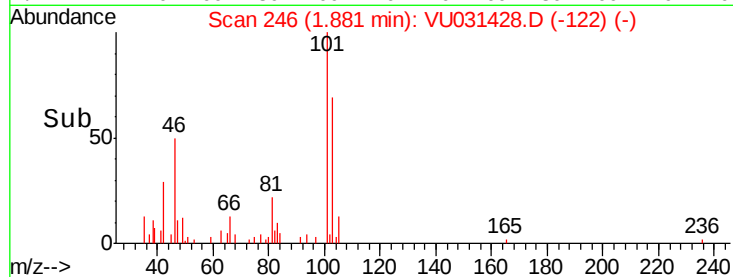
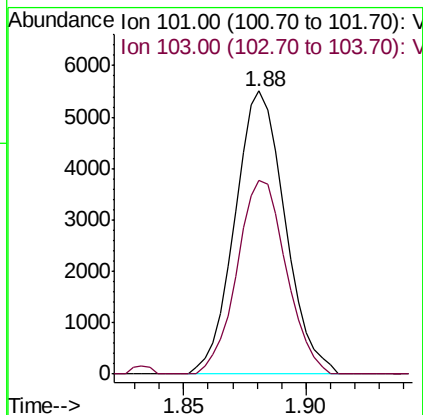
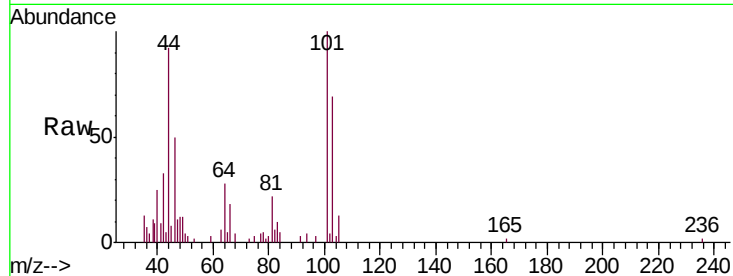


#9

Trichlorofluoromethane
 Concen: 1.079 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031428.D
 Acq: 23 Apr 2019 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X64DL

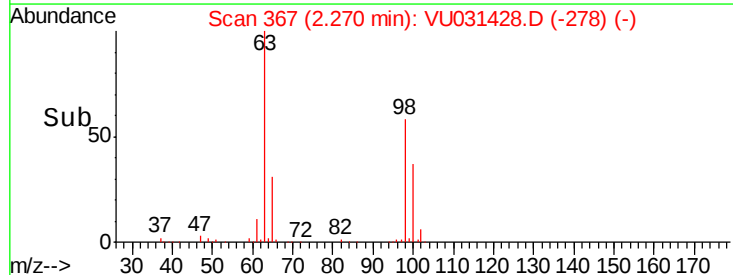
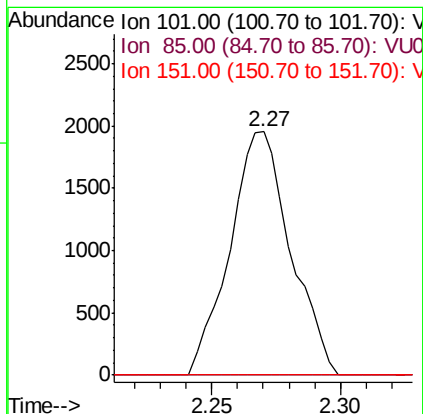
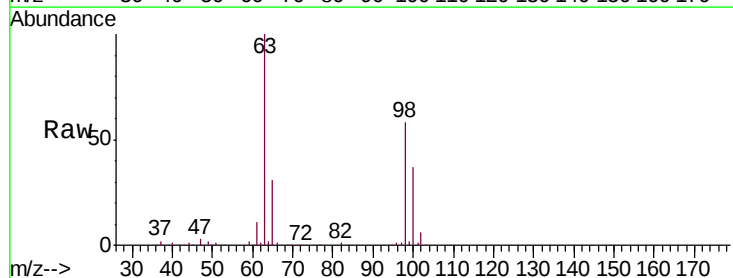
Tgt Ion:101 Resp: 7848
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.2

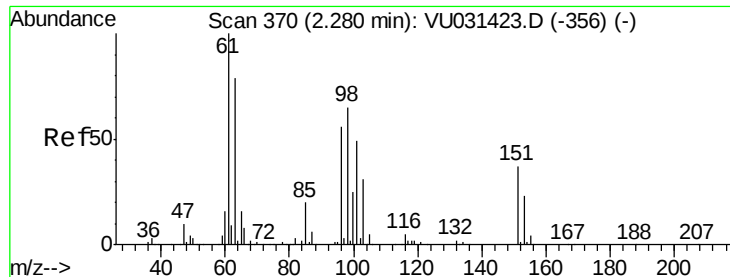


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.760 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031428.D
 Acq: 23 Apr 2019 11:20

Tgt Ion:101 Resp: 3208
 Ion Ratio Lower Upper
 101 100
 85 1.6 33.1 49.7#
 151 0.0 61.4 92.0#





#12

1,1-Dichloroethene

Concen: 0.634 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031428.D

Acq: 23 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0X64DL

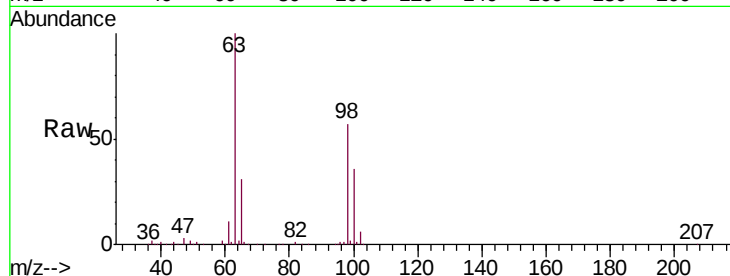
Tgt Ion: 96 Resp: 2631

Ion Ratio Lower Upper

96 100

61 1462.9 118.9 220.9#

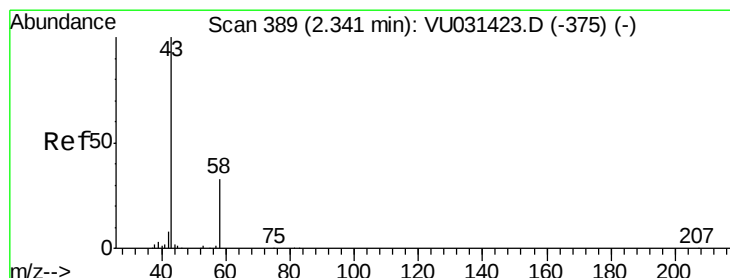
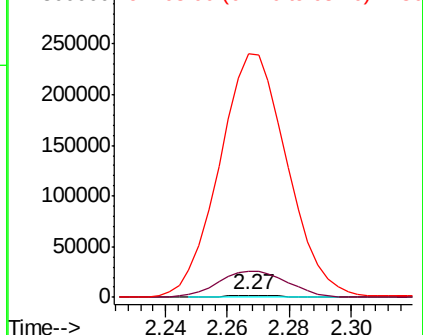
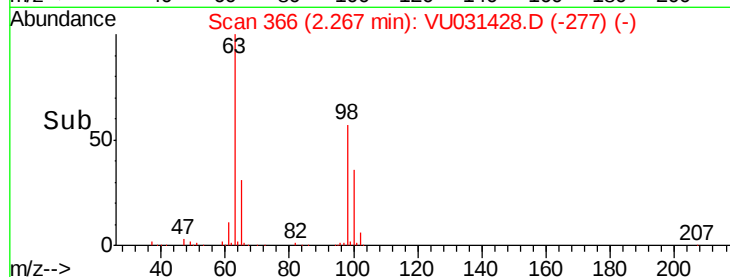
63 13373.4 99.3 184.3#



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



#13

Acetone

Concen: 0.625 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU031428.D

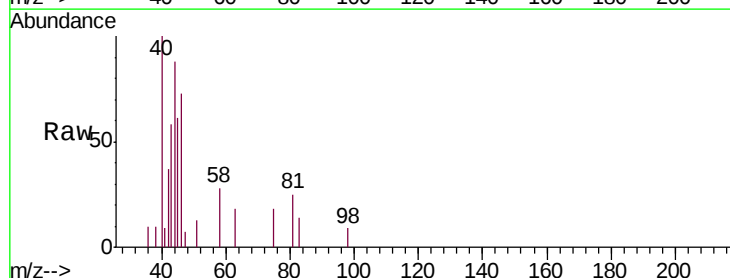
Acq: 23 Apr 2019 11:20

Tgt Ion: 43 Resp: 2024

Ion Ratio Lower Upper

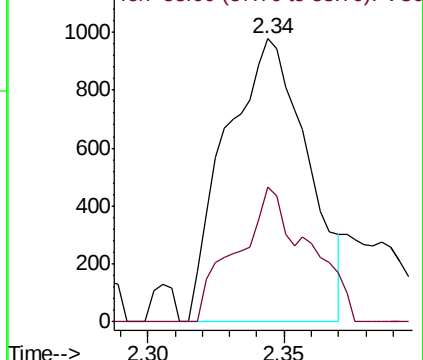
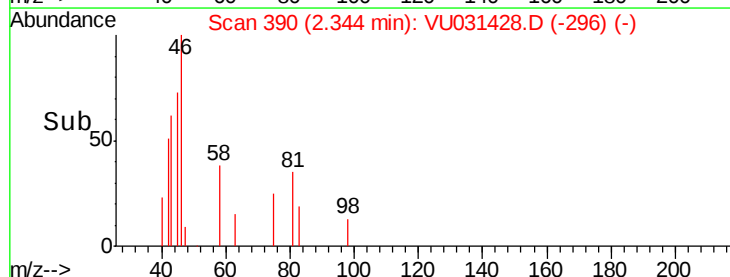
43 100

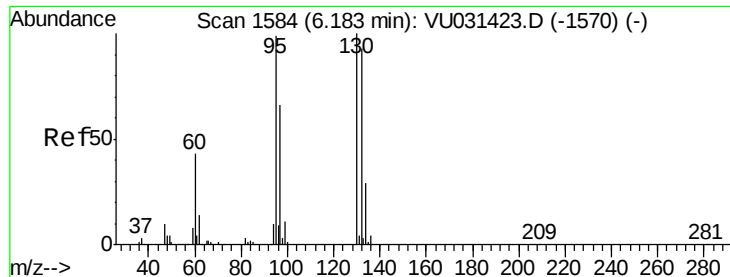
58 29.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 71.080 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031428.D

Acq: 23 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0X64DL

Tgt Ion: 95 Resp: 326209

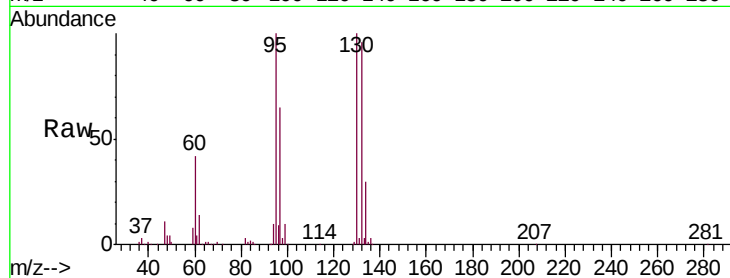
Ion Ratio Lower Upper

95 100

97 65.2 44.9 83.5

132 95.6 68.0 126.2

130 99.8 70.1 130.1

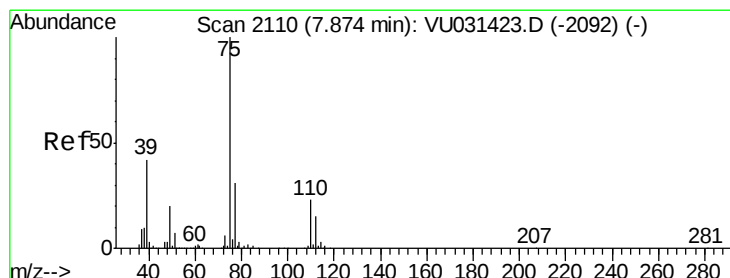
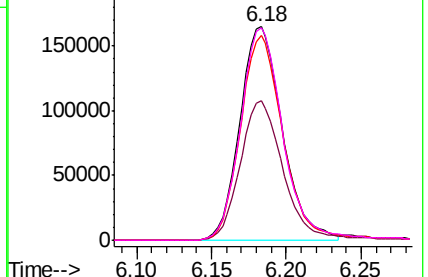
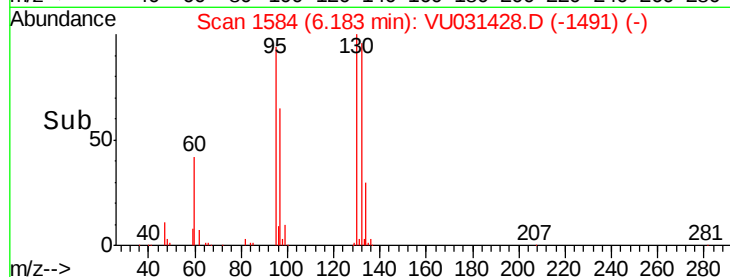


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.822 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU031428.D

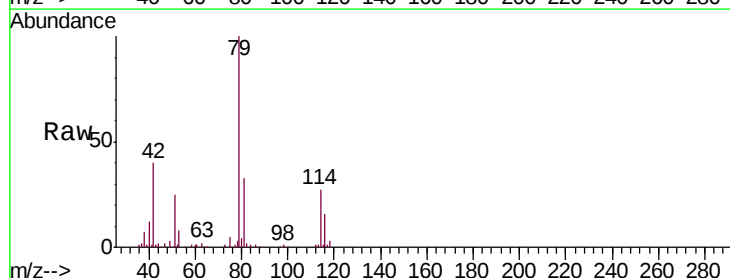
Acq: 23 Apr 2019 11:20

Tgt Ion: 75 Resp: 4898

Ion Ratio Lower Upper

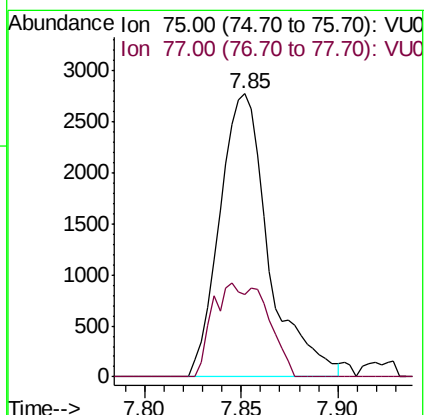
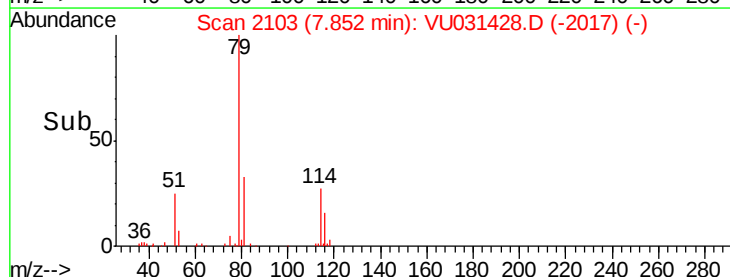
75 100

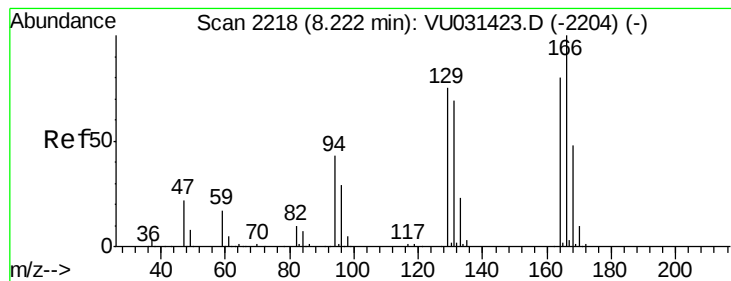
77 29.3 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 3.184 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031428.D

Acq: 23 Apr 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

C0X64DL

Tgt Ion:164 Resp: 10365

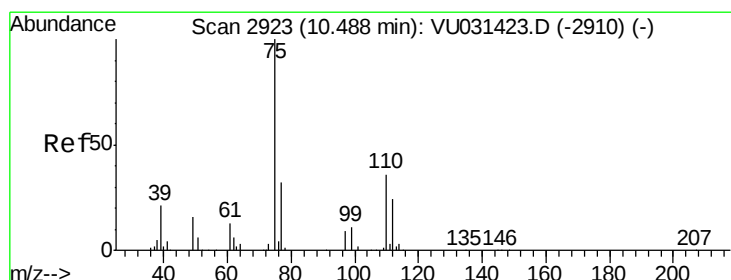
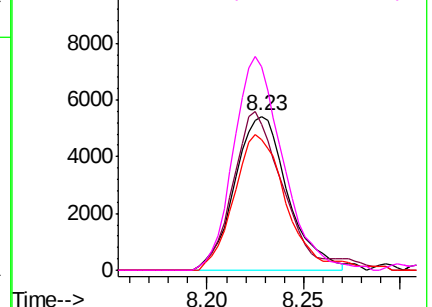
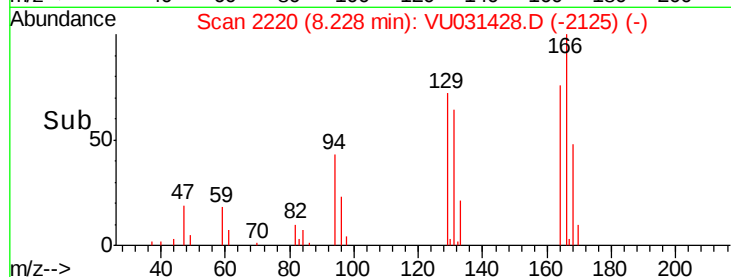
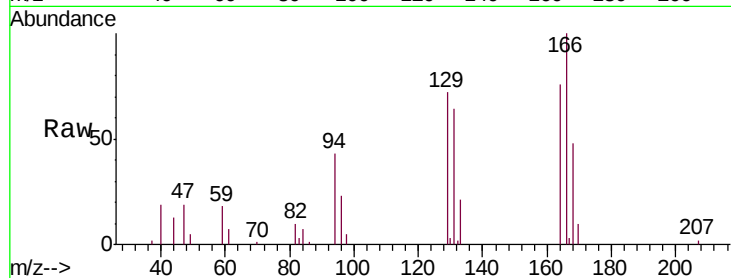
Ion Ratio Lower Upper

164 100

129 94.9 65.2 121.0

131 84.5 61.4 114.0

166 132.0 89.2 165.6



#59

1,2,3-Trichloropropane

Concen: 4.776 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031428.D

Acq: 23 Apr 2019 11:20

Tgt Ion: 75 Resp: 27208

Ion Ratio Lower Upper

75 100

77 37.3 25.6 38.4

