

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030020.D
 Acq On : 13 Mar 2019 10:55
 Operator : JC/SP
 Sample : K1734-15DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B1DL

Quant Time: Mar 14 01:39:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 01:36:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	474362	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	451212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	148378	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.58%
7) Chloroethane-d5	1.68	69	124112	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.27	63	205562	36.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.60%
21) 2-Butanone-d5	4.17	46	231578	98.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.51%
24) Chloroform-d	4.65	84	272411	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	163454	50.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.54%
32) Benzene-d6	5.34	84	585232	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
36) 1,2-Dichloropropane-d6	6.33	67	181247	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.98%
41) Toluene-d8	7.56	98	533373	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%
43) trans-1,3-Dichloropropene-	7.85	79	83119	48.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.54%
47) 2-Hexanone-d5	8.31	63	202865	101.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.99%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	271886	49.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	212346	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

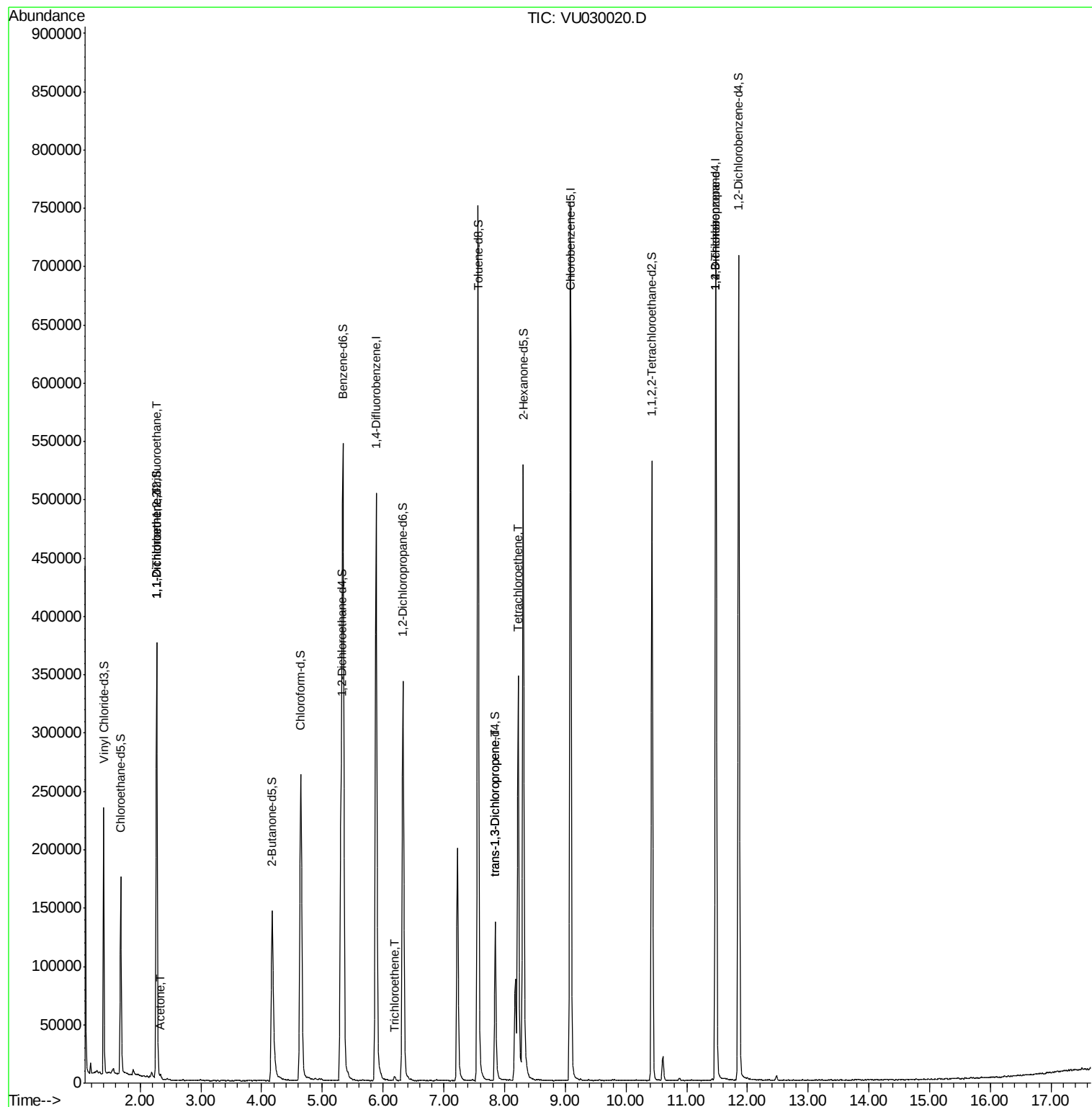
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2273	0.729 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1843	0.620 ug/L #	1
13) Acetone	2.32	43	1341	0.488 ug/L	83
34) Trichloroethene	6.19	95	1555	0.460 ug/L	87
44) trans-1,3-Dichloropropene	7.85	75	3379	0.700 ug/L #	79
46) Tetrachloroethene	8.22	164	83702	28.264 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	22249	5.030 ug/L	99

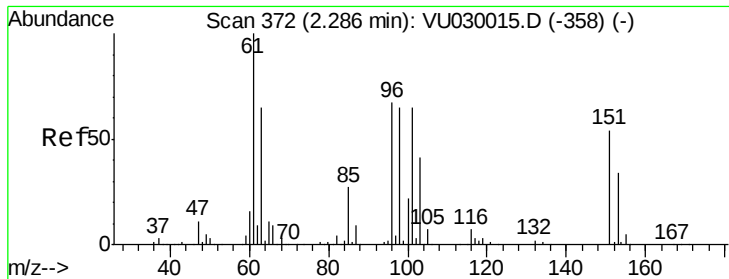
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 14 01:36:14 2019
Response via : Initial Calibration





#10

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

Concen: 0.729 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

BF1B1DL

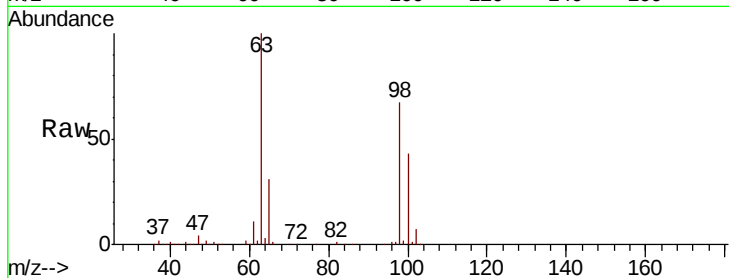
Tgt Ion: 101 Resp: 2273

Ion Ratio Lower Upper

101 100

85 0.0 33.0 49.4#

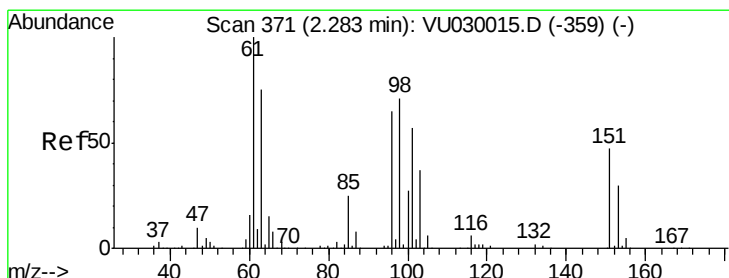
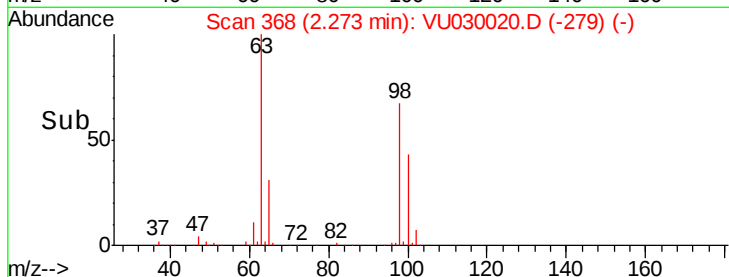
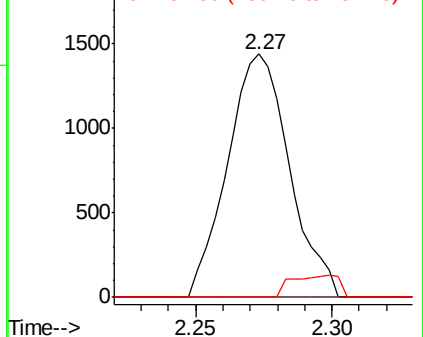
151 0.0 66.1 99.1#



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: 0.620 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

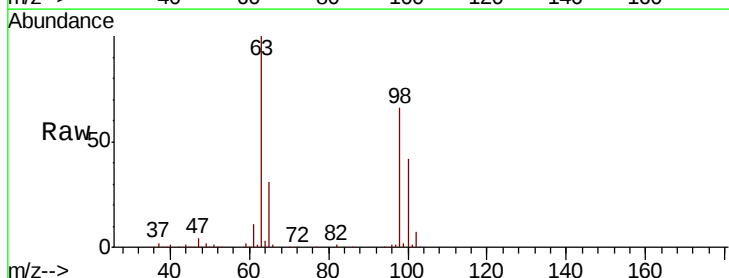
Tgt Ion: 96 Resp: 1843

Ion Ratio Lower Upper

96 100

61 1415.1 110.4 205.0#

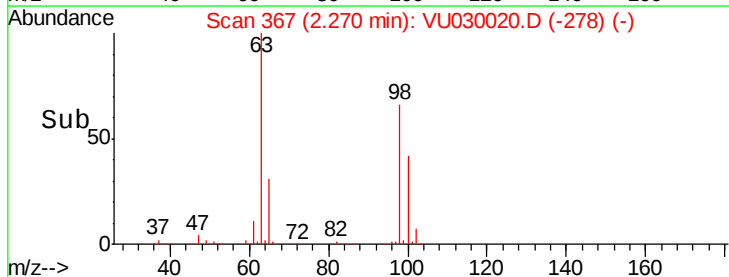
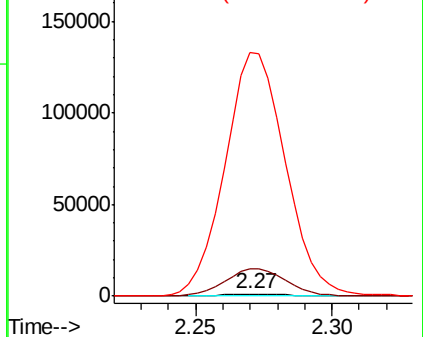
63 12861.9 86.5 160.7#

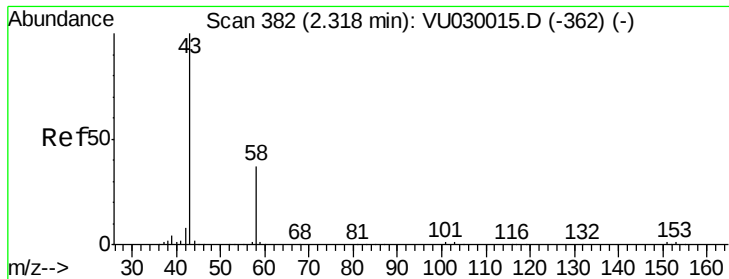


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.488 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

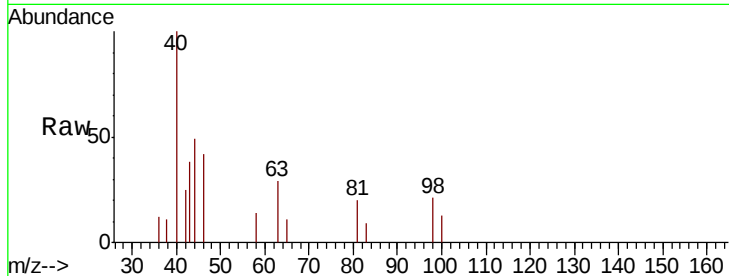
BF1B1DL

Tgt Ion: 43 Resp: 1341

Ion Ratio Lower Upper

43 100

58 26.6 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VU030015.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030015.D (-362) (-)

2.32

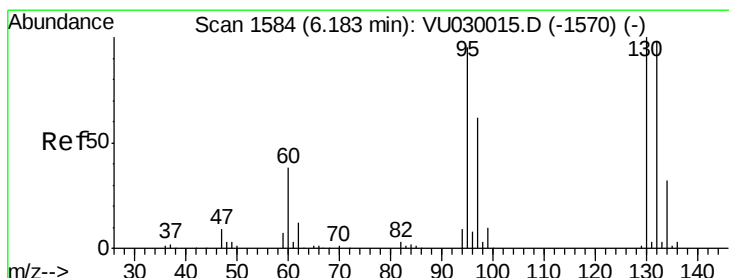
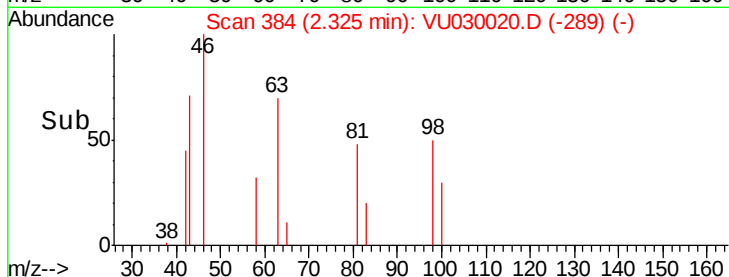
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 0.460 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Tgt Ion: 95 Resp: 1555

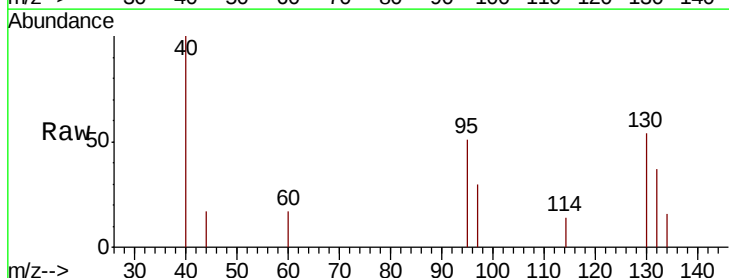
Ion Ratio Lower Upper

95 100

97 58.1 45.5 84.5

132 73.0 71.5 132.7

130 104.8 73.5 136.5



Abundance Ion 95.00 (94.70 to 95.70): VU030015.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030015.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030015.D (-1570) (-)

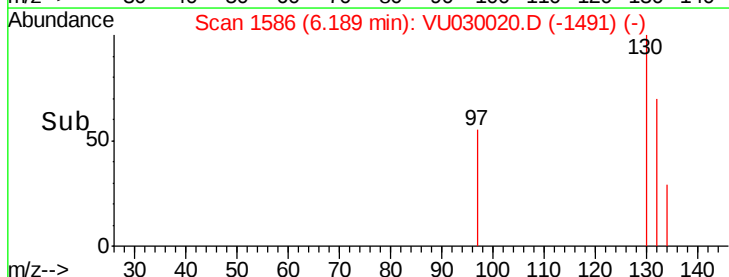
Ion 130.00 (129.70 to 130.70): VU030015.D (-1570) (-)

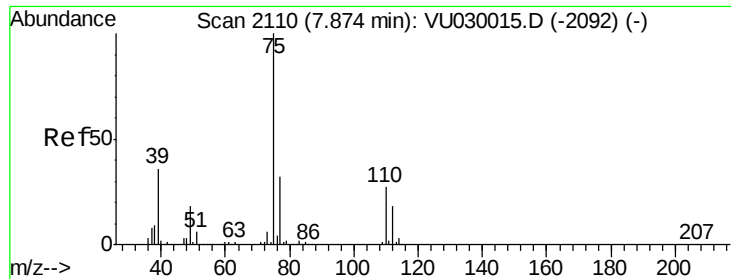
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.700 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

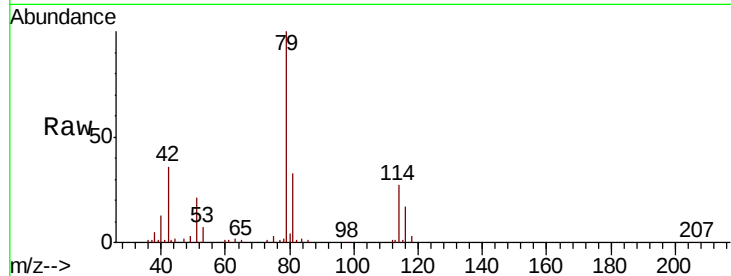
BF1B1DL

Tgt Ion: 75 Resp: 3379

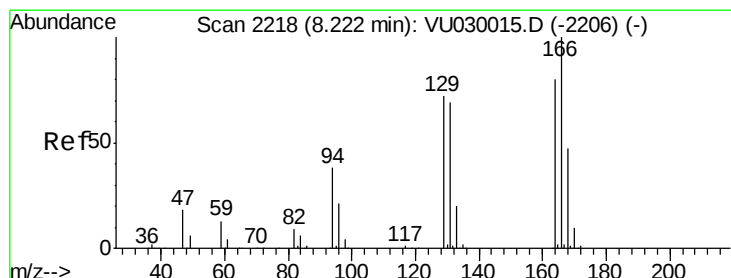
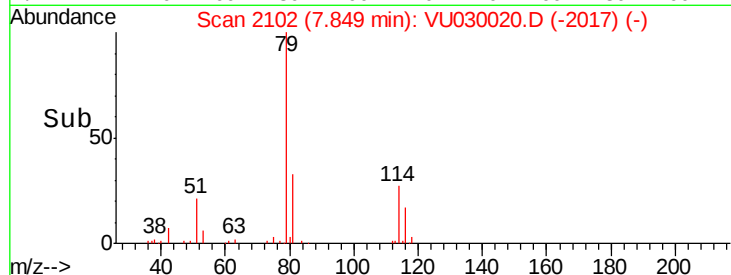
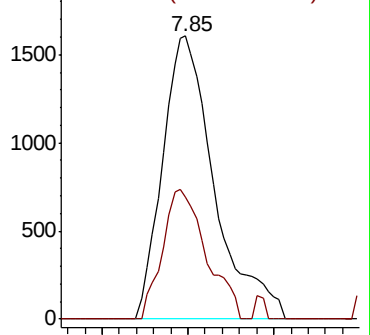
Ion Ratio Lower Upper

75 100

77 43.1 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU030015.D (-2092) (-)



#46

Tetrachloroethene

Concen: 28.264 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Tgt Ion: 164 Resp: 83702

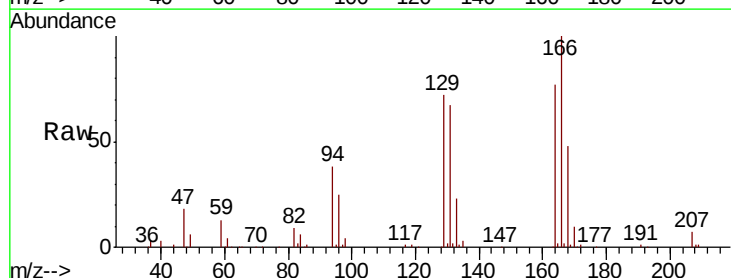
Ion Ratio Lower Upper

164 100

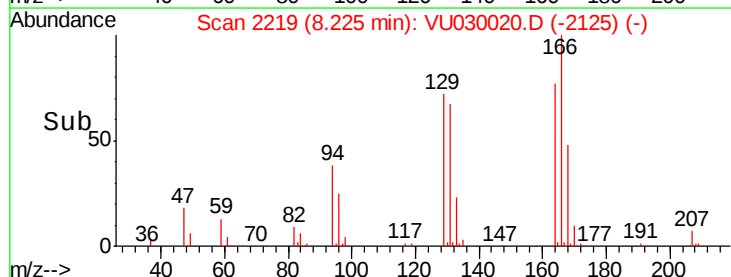
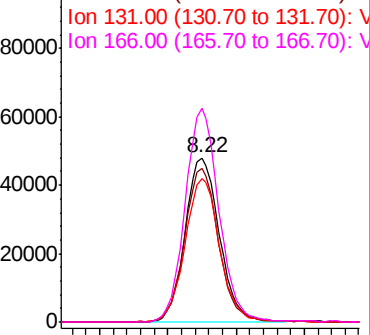
129 94.1 63.3 117.7

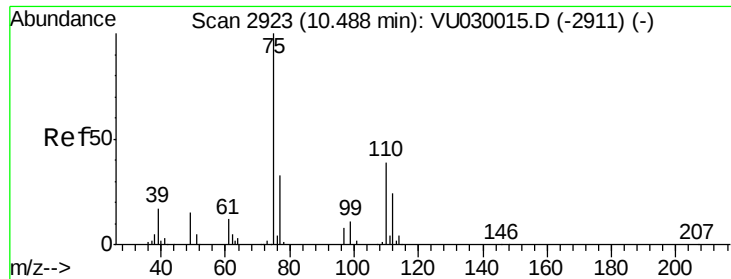
131 87.6 62.0 115.2

166 130.3 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030015.D (-2206) (-)





#59

1,2,3-Trichloropropane

Concen: 5.030 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030020.D

Acq: 13 Mar 2019 10:55

Instrument :

MSVOA_U

ClientSampleId :

BF1B1DL

Tgt Ion: 75 Resp: 22249

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

