

Data File : VU031540.D
Acq On : 26 Apr 2019 18:26
Operator : JC/SP
Sample : K2590-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0XB0

Quant Time: Apr 27 00:25:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	909818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	337145	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	391203	51.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.76%
7) Chloroethane-d5	1.68	69	301402	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.44%
11) 1,1-Dichloroethene-d2	2.27	63	572622	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	4.19	46	695389	100.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.79%
24) Chloroform-d	4.64	84	630671	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	5.31	65	416146	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.34	84	1345909	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
36) 1,2-Dichloropropane-d6	6.33	67	461604	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.56	98	1164158	52.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.04%
43) trans-1,3-Dichloropropene-	7.85	79	193790	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	456099	116.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	579066	47.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	373751	52.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.42%

Target Compounds

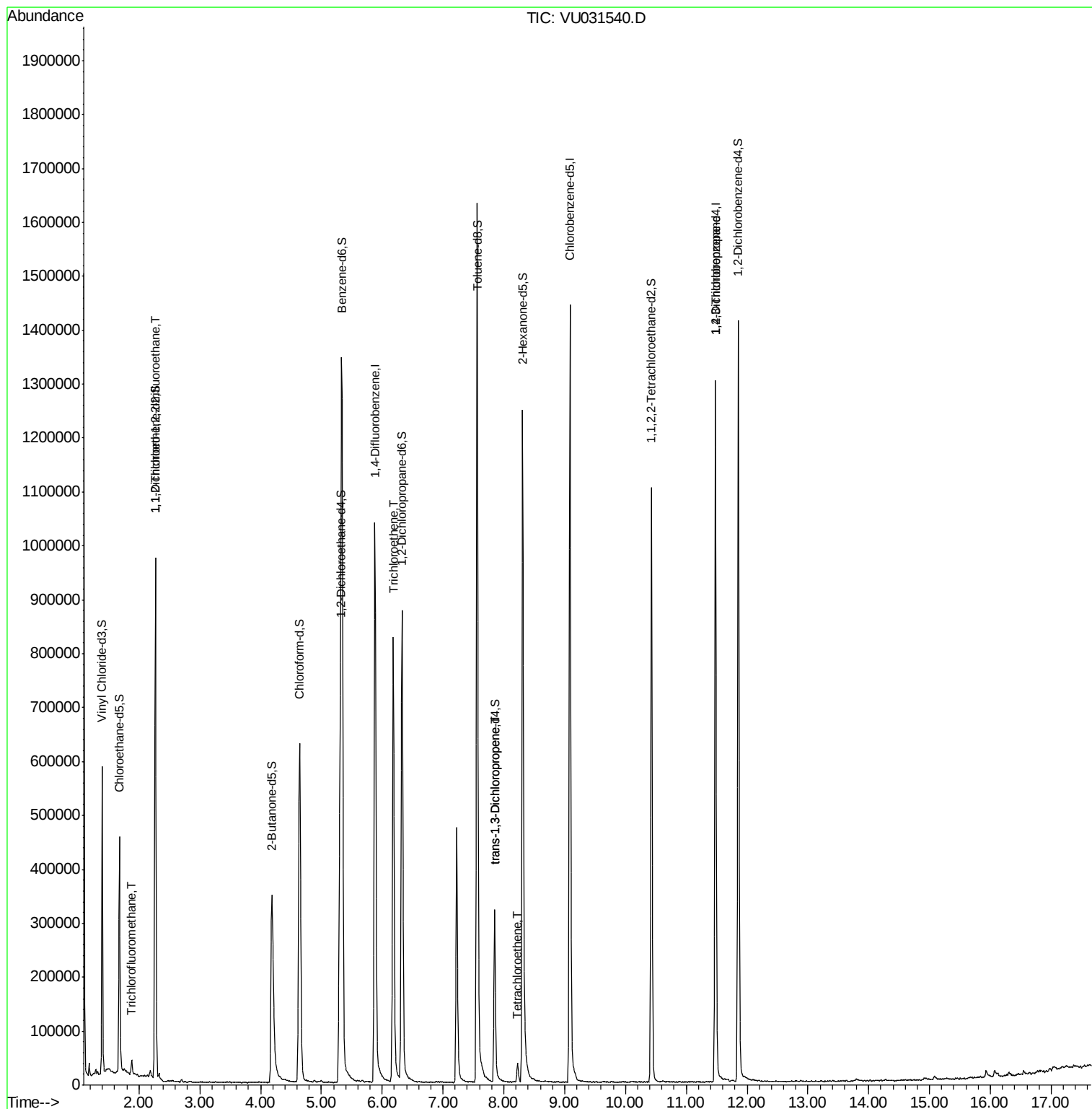
					Qvalue
9) Trichlorofluoromethane	1.88	101	8963	0.695 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4747	0.651 ug/L #	24
34) Trichloroethene	6.18	95	309653	41.522 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	6818	0.651 ug/L #	78
46) Tetrachloroethene	8.23	164	8399	1.652 ug/L	81
59) 1,2,3-Trichloropropane	11.48	75	41333	3.991 ug/L	90

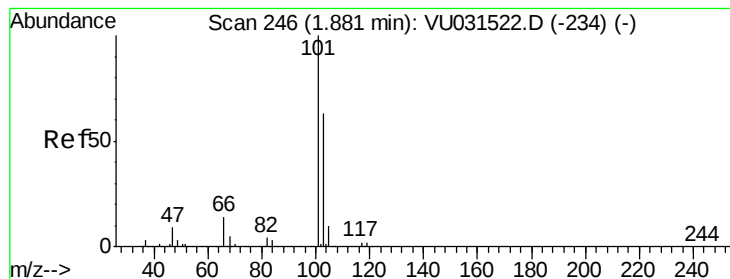
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.695 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

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Acq: 26 Apr 2019 18:26

Instrument :

MSVOA_U

ClientSampleId :

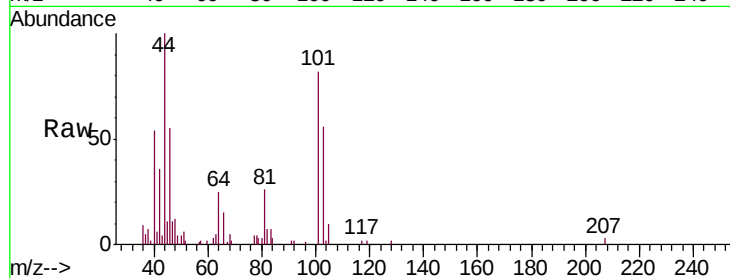
C0XB0

Tgt Ion:101 Resp: 8963

Ion Ratio Lower Upper

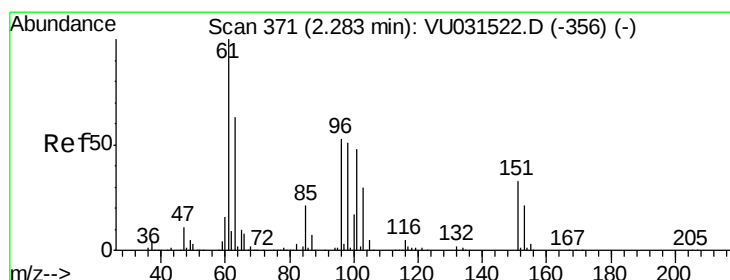
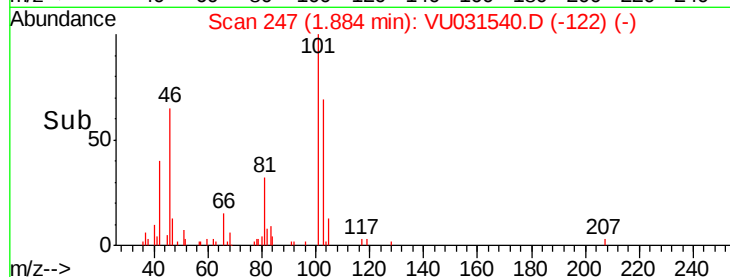
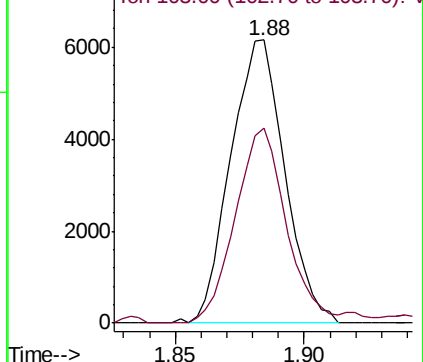
101 100

103 65.3 50.8 76.2



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: 0.651 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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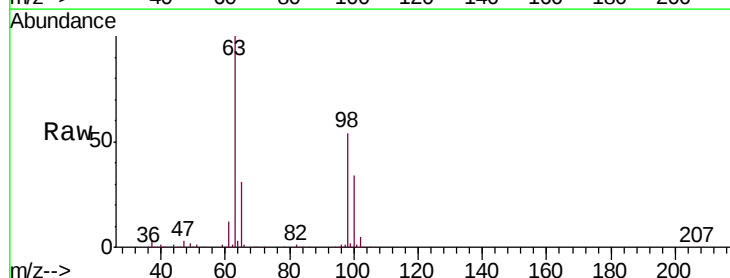
Tgt Ion:101 Resp: 4747

Ion Ratio Lower Upper

101 100

85 0.9 36.1 54.1#

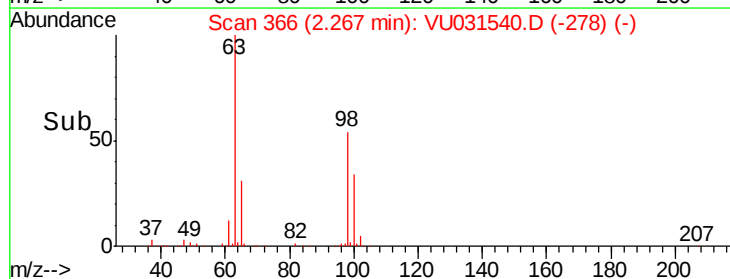
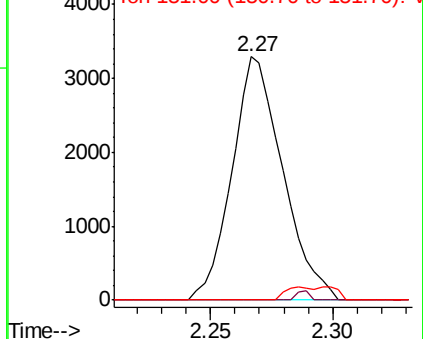
151 3.1 56.1 84.1#

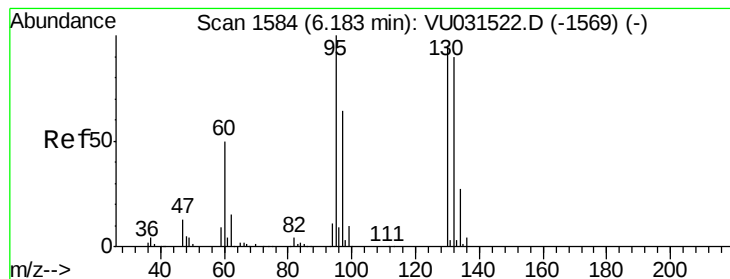


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#34

Trichloroethene

Concen: 41.522 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0XB0

Tgt Ion: 95 Resp: 309653

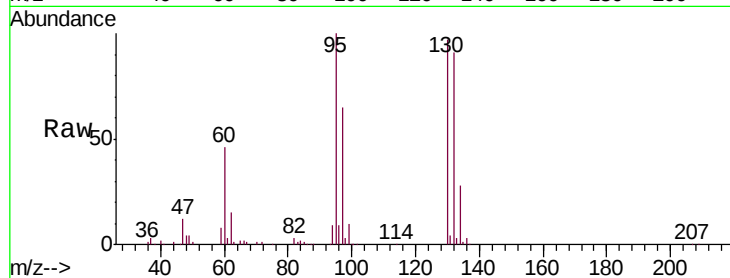
Ion Ratio Lower Upper

95 100

97 65.0 44.8 83.2

132 91.0 63.1 117.1

130 97.3 66.5 123.5

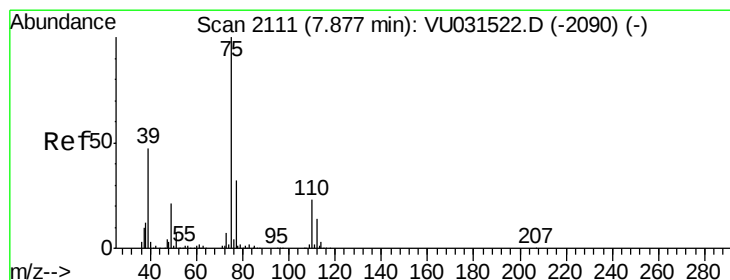
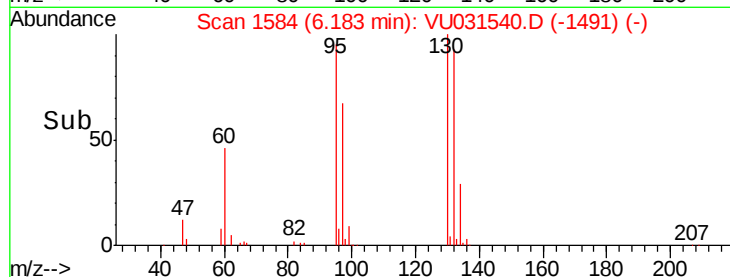
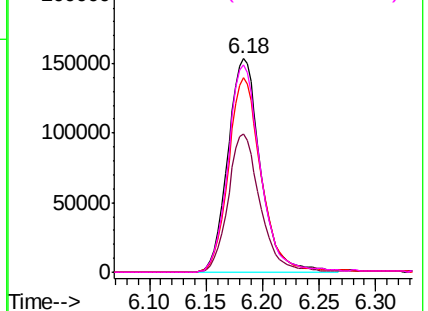


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.651 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031540.D

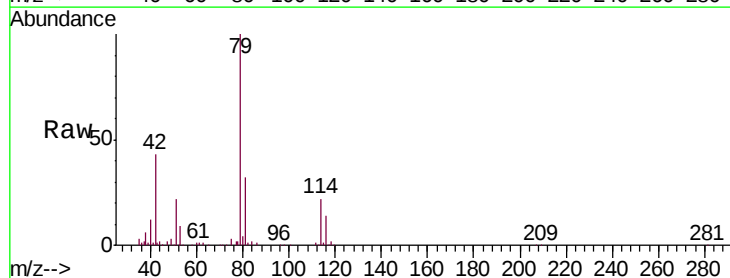
Acq: 26 Apr 2019 18:26

Tgt Ion: 75 Resp: 6818

Ion Ratio Lower Upper

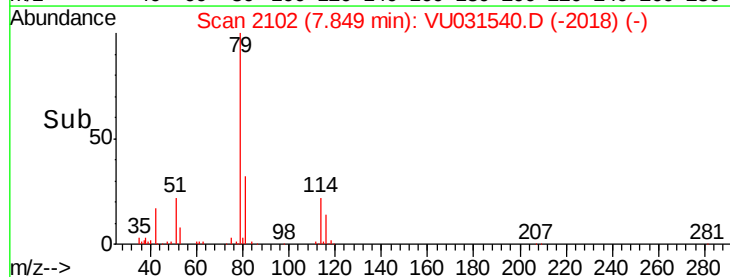
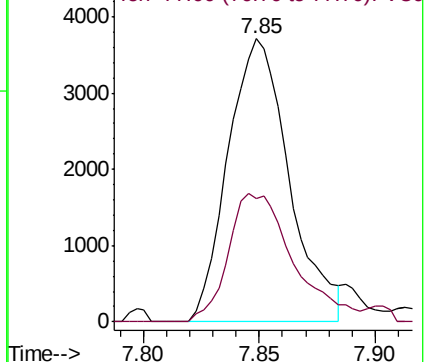
75 100

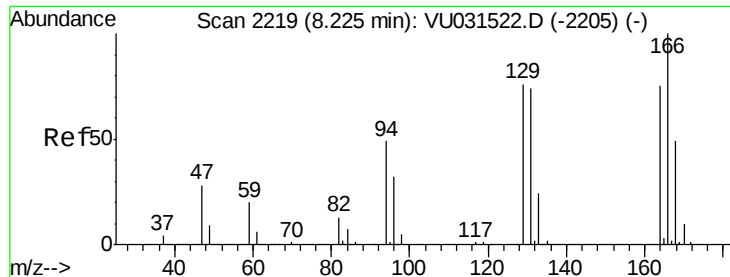
77 43.8 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#46

Tetrachloroethene

Concen: 1.652 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031540.D

Acq: 26 Apr 2019 18:26

Instrument :

MSVOA_U

ClientSampled :

C0XB0

Tgt Ion:164 Resp: 8399

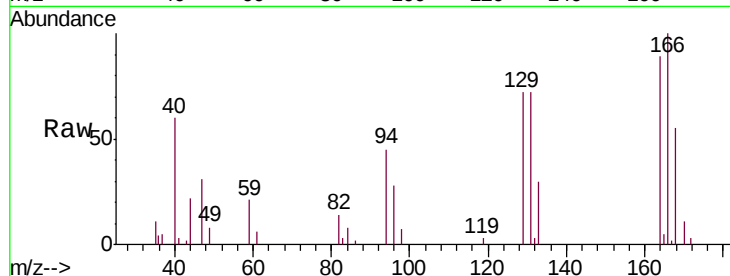
Ion Ratio Lower Upper

164 100

129 80.2 71.5 132.9

131 80.4 69.0 128.2

166 112.1 93.7 173.9

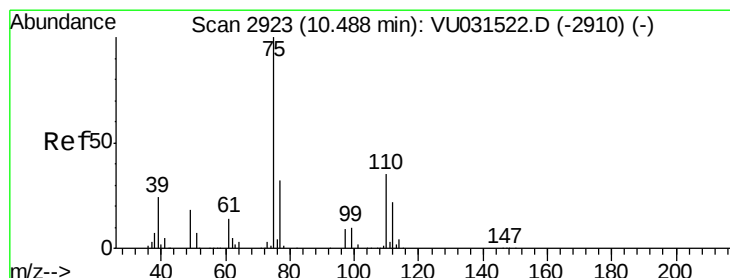
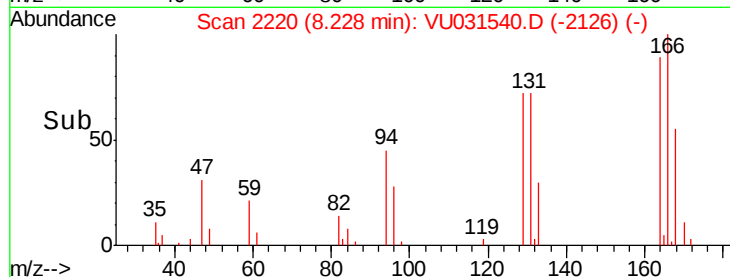
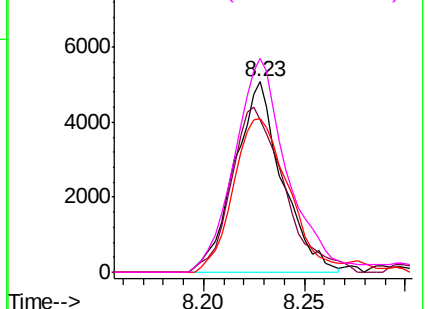


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 3.991 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031540.D

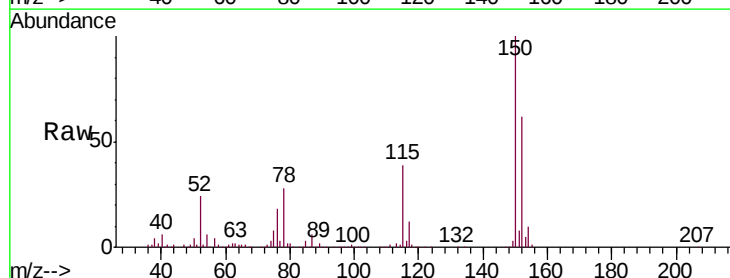
Acq: 26 Apr 2019 18:26

Tgt Ion: 75 Resp: 41333

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

