

Data File : VU031914.D
Acq On : 11 May 2019 01:27
Operator : JC/SP
Sample : K2814-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4247

Quant Time: May 11 02:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1030298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1040816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	391935	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	352289	40.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.72%
7) Chloroethane-d5	1.67	69	314070	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.26%
11) 1,1-Dichloroethene-d2	2.27	63	513991	29.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.86%#
21) 2-Butanone-d5	4.17	46	690259	88.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.35%
24) Chloroform-d	4.64	84	681372	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.30	65	465872	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
32) Benzene-d6	5.33	84	1410579	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
36) 1,2-Dichloropropane-d6	6.32	67	486642	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.56%
41) Toluene-d8	7.56	98	1174911	42.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.42%
43) trans-1,3-Dichloropropene-	7.85	79	184413	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
47) 2-Hexanone-d5	8.31	63	452106	92.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	711395	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	400666	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%

Target Compounds

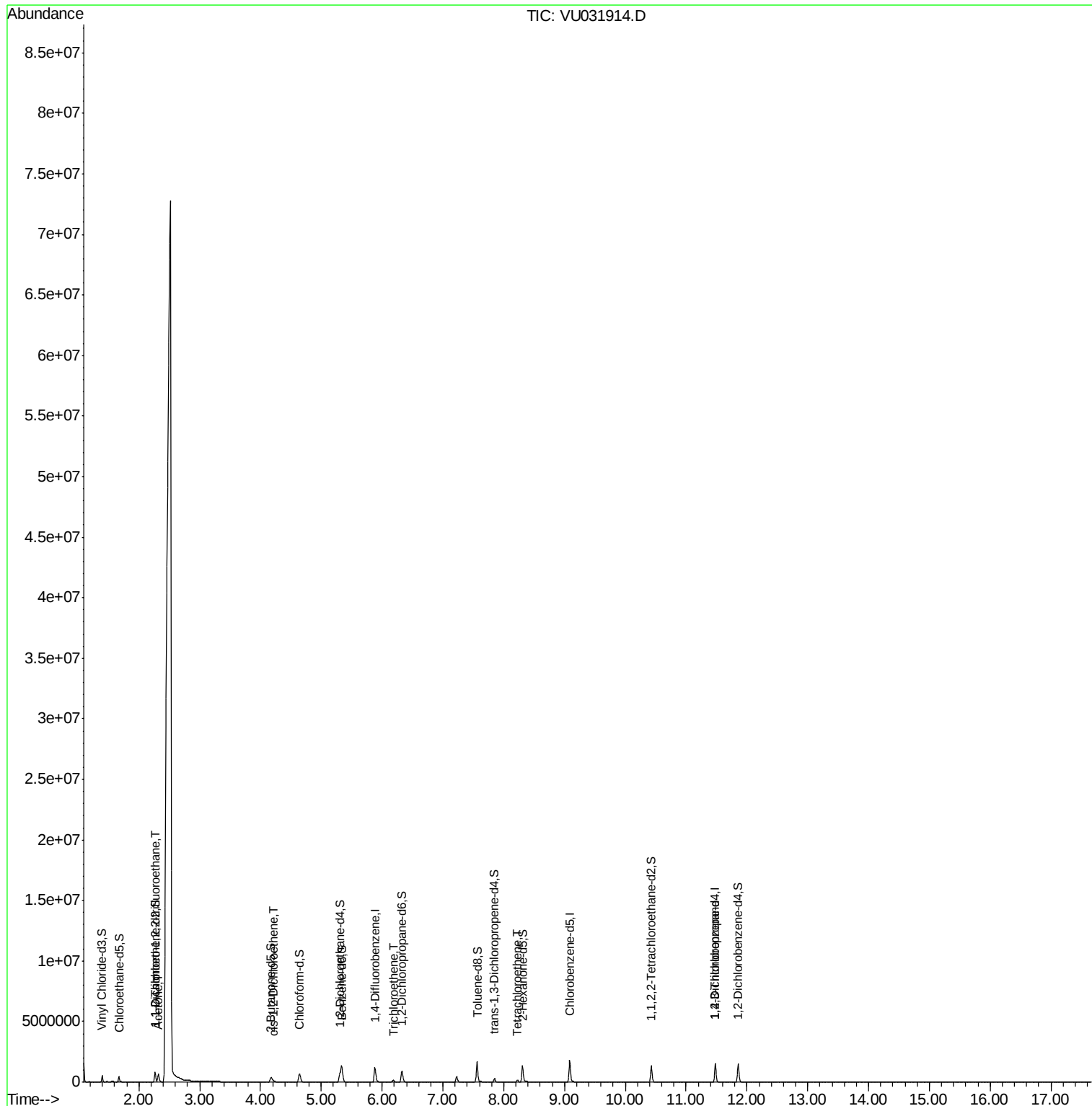
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4974	0.602 ug/L	# 25
13) Acetone	2.32	43	765965	87.037 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	12316	1.371 ug/L	83
34) Trichloroethene	6.18	95	61271	6.605 ug/L	97
46) Tetrachloroethene	8.22	164	36250	5.732 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	50907	3.952 ug/L	93

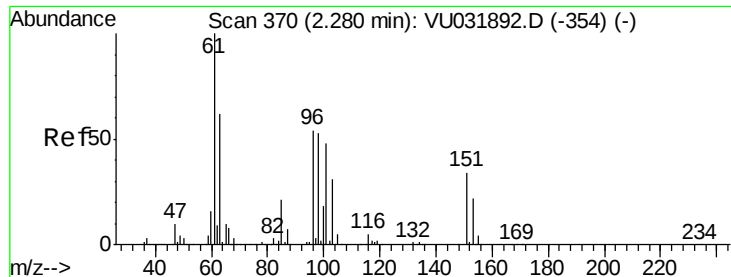
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031914.D
Acq On : 11 May 2019 01:27
Operator : JC/SP
Sample : K2814-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4247

Quant Time: May 11 02:52:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration





#10

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

Concen: 0.602 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031914.D

Acq: 11 May 2019 01:27

Instrument :

MSVOA_U

ClientSampleId :

A4247

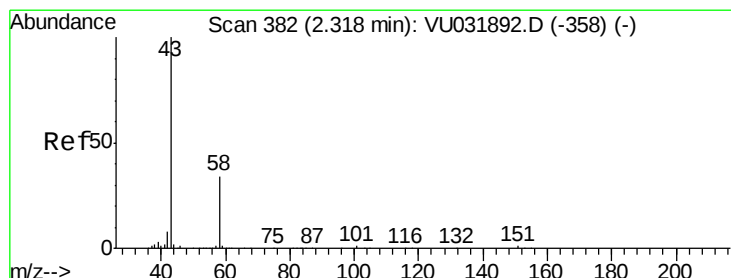
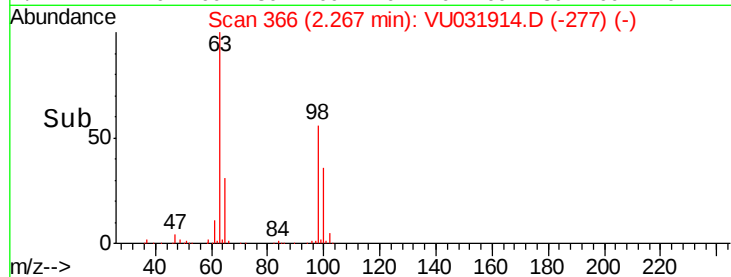
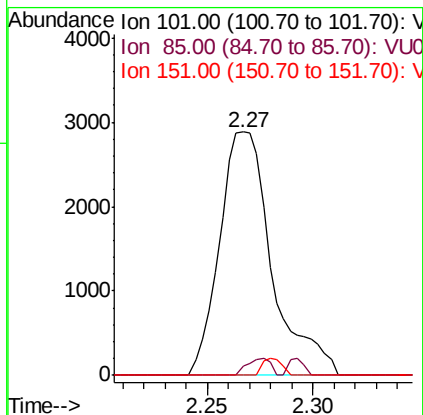
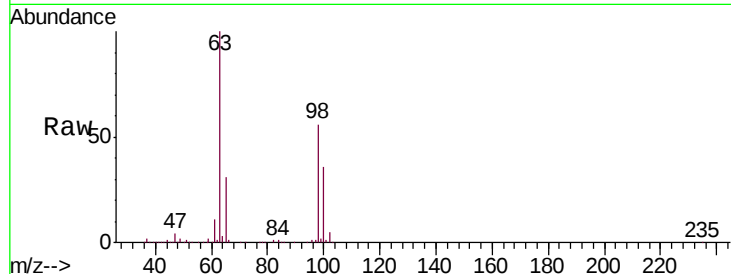
Tgt Ion:101 Resp: 4974

Ion Ratio Lower Upper

101 100

85 3.1 36.1 54.1#

151 2.6 56.1 84.1#



#13

Acetone

Concen: 87.037 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU031914.D

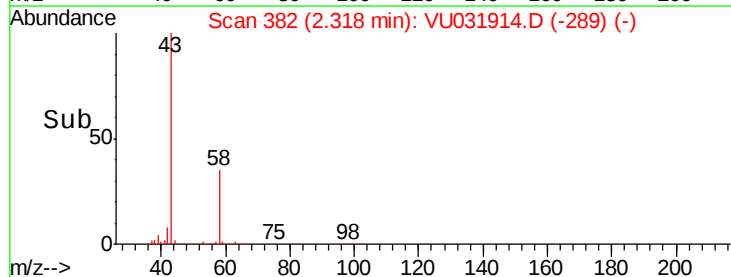
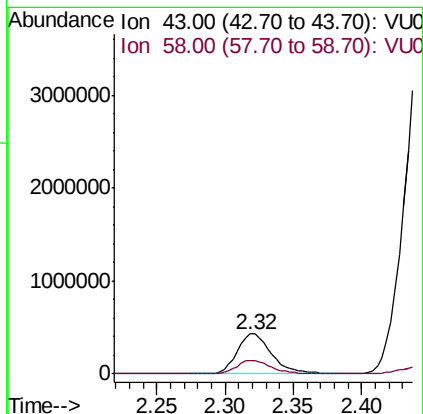
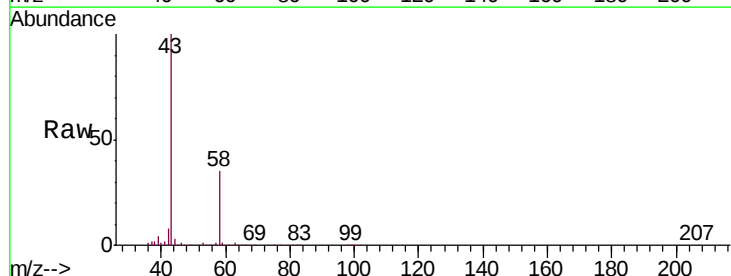
Acq: 11 May 2019 01:27

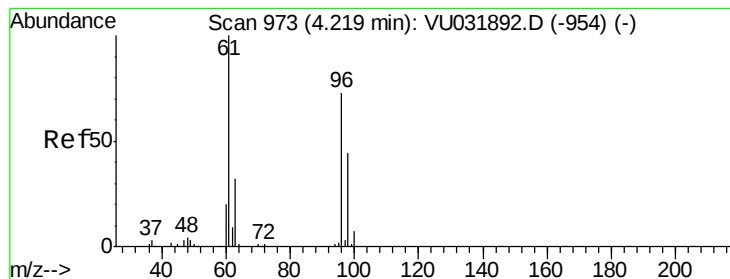
Tgt Ion: 43 Resp: 765965

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.4



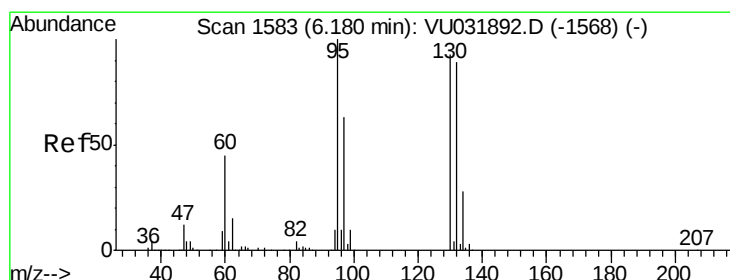
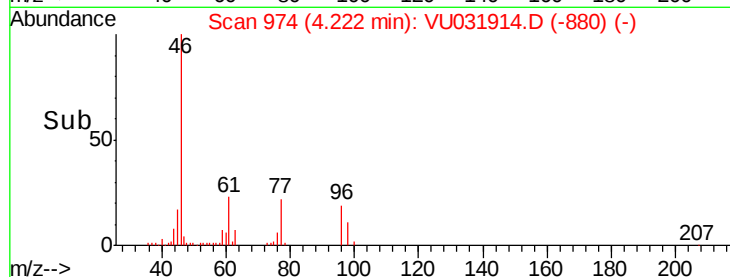
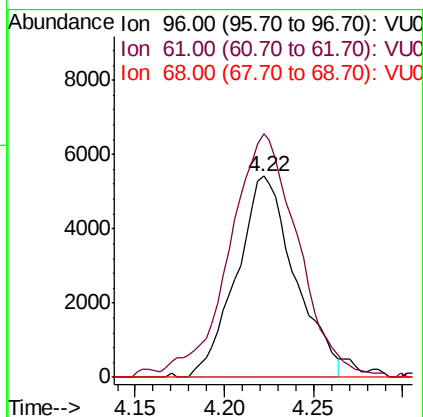
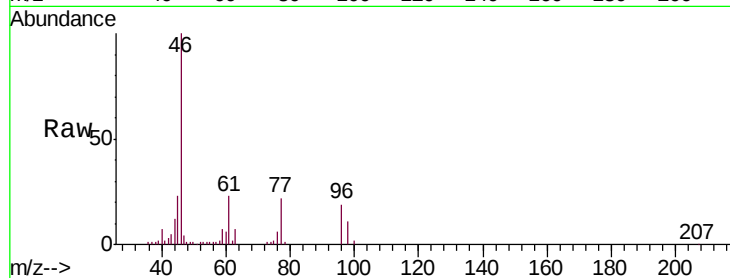


#20

cis-1,2-Dichloroethene
 Concen: 1.371 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031914.D
 Acq: 11 May 2019 01:27

Instrument :
 MSVOA_U
 ClientSampleId :
 A4247

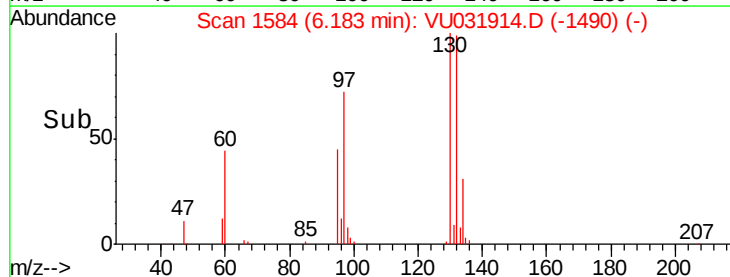
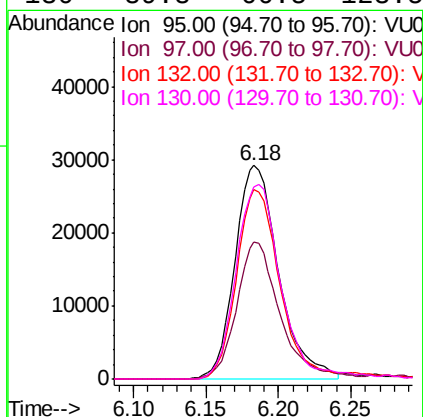
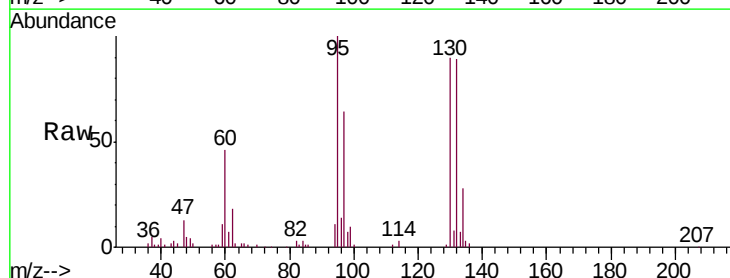
Tgt Ion: 96 Resp: 12316
 Ion Ratio Lower Upper
 96 100
 61 121.3 99.5 184.7
 68 0.0 0.0 0.0

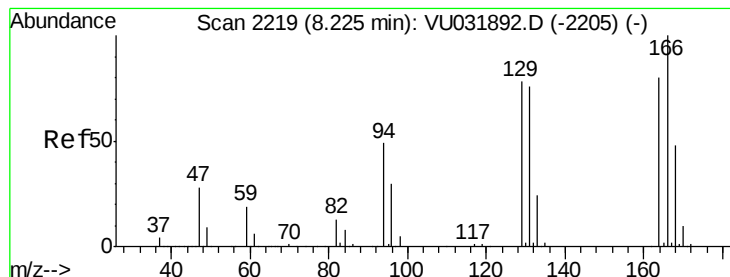


#34

Trichloroethene
 Concen: 6.605 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031914.D
 Acq: 11 May 2019 01:27

Tgt Ion: 95 Resp: 61271
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.8 83.2
 132 88.6 63.1 117.1
 130 89.8 66.5 123.5





#46

Tetrachloroethene

Concen: 5.732 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031914.D

Acq: 11 May 2019 01:27

Instrument :

MSVOA_U

ClientSampleId :

A4247

Tgt Ion:164 Resp: 36250

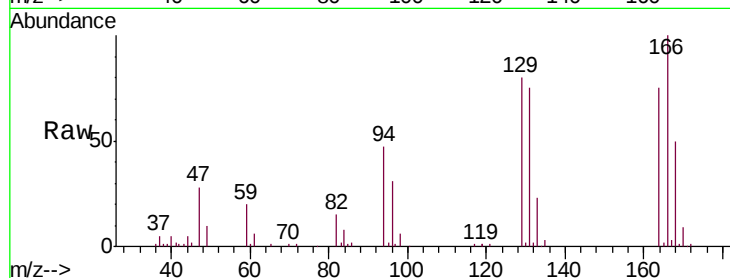
Ion Ratio Lower Upper

164 100

129 106.7 71.5 132.9

131 100.3 69.0 128.2

166 133.3 93.7 173.9



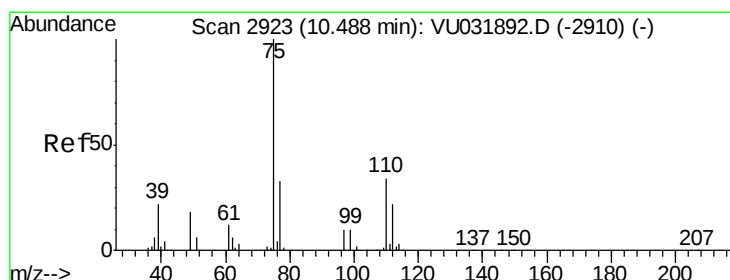
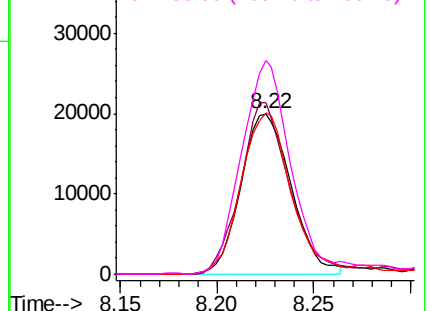
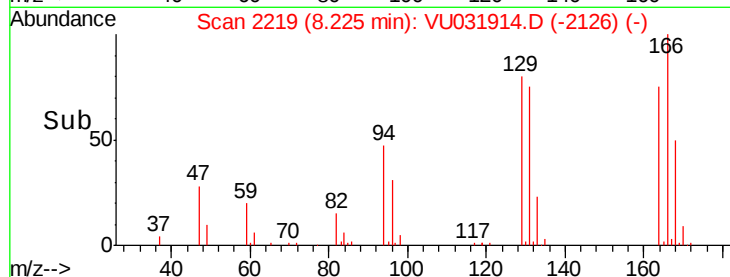
Abundance

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: 3.952 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031914.D

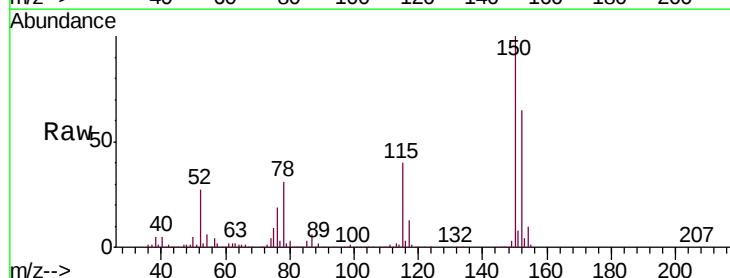
Acq: 11 May 2019 01:27

Tgt Ion: 75 Resp: 50907

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

