

Data File : VU031558.D
Acq On : 27 Apr 2019 02:13
Operator : JC/SP
Sample : K2592-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X04

Quant Time: Apr 27 03:31:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	854735	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	803752	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	313057	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372732	52.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.20%
7) Chloroethane-d5	1.68	69	286134	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.52%
11) 1,1-Dichloroethene-d2	2.27	63	537993	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	4.19	46	704549	108.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	4.64	84	619065	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.31	65	418264	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.34	84	1279827	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.32	67	447411	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.06%
41) Toluene-d8	7.56	98	1063902	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	7.85	79	172341	46.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.48%
47) 2-Hexanone-d5	8.31	63	428212	113.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	558737	47.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	343813	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

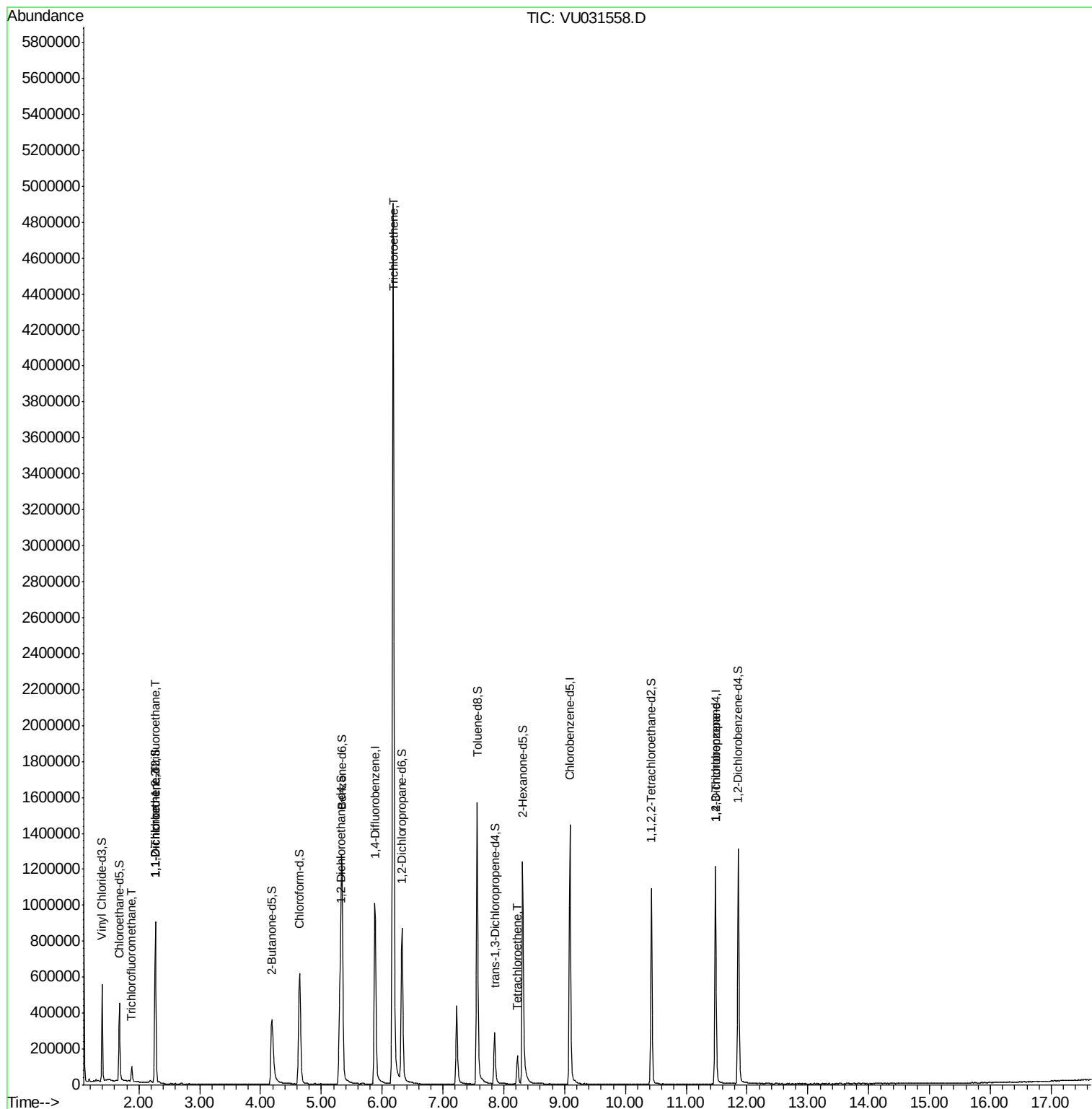
					Qvalue
9) Trichlorofluoromethane	1.88	101	44203	3.647 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4248	0.620 ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4333	0.650 ug/L #	1
34) Trichloroethene	6.18	95	1846949	257.839 ug/L	99
46) Tetrachloroethene	8.22	164	35902	7.352 ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	39935	4.015 ug/L	89

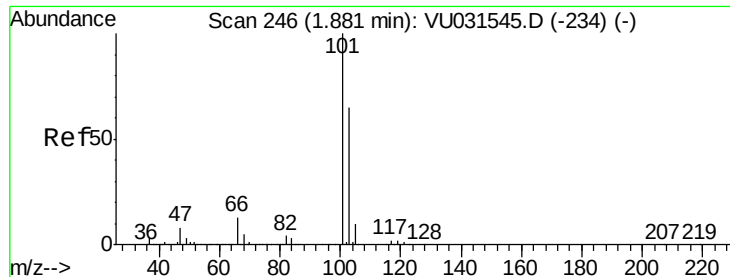
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031558.D
Acq On : 27 Apr 2019 02:13
Operator : JC/SP
Sample : K2592-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X04

Quant Time: Apr 27 03:31:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration



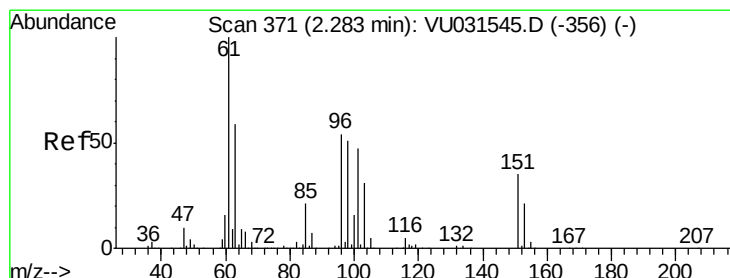
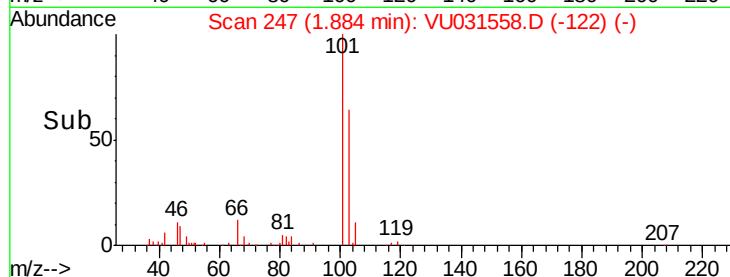
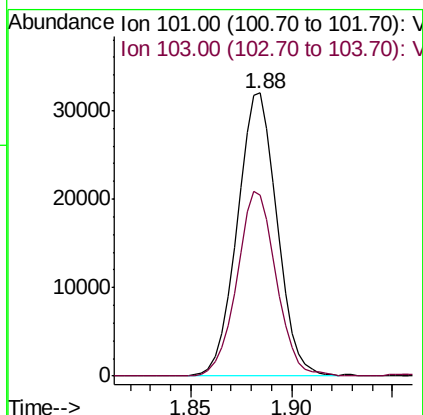
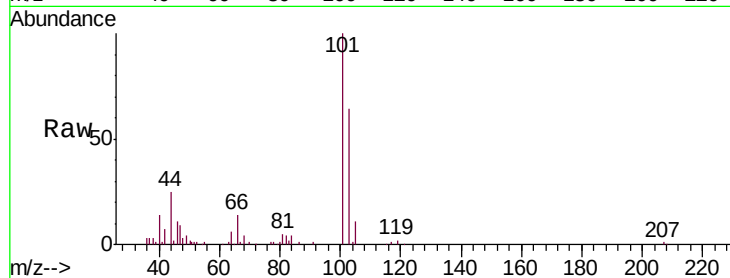


#9

Trichlorofluoromethane
 Concen: 3.647 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031558.D
 Acq: 27 Apr 2019 02:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X04

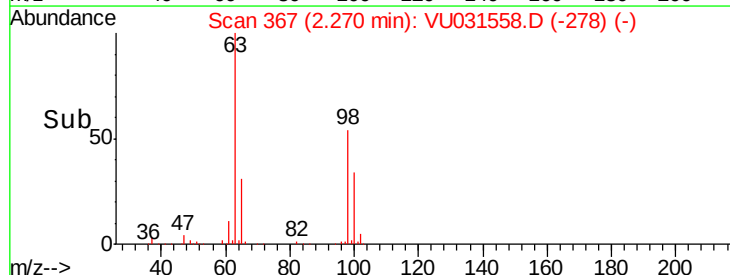
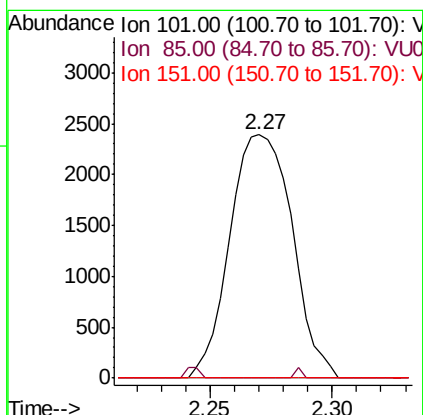
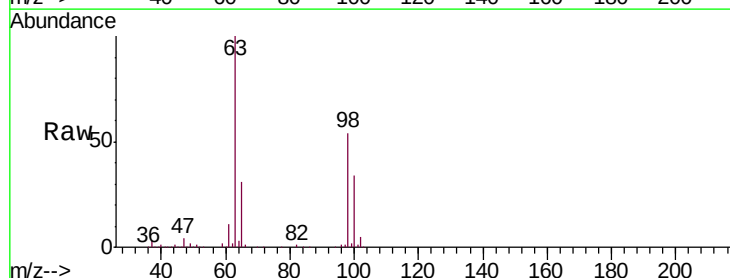
Tgt Ion:101 Resp: 44203
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.8 76.2

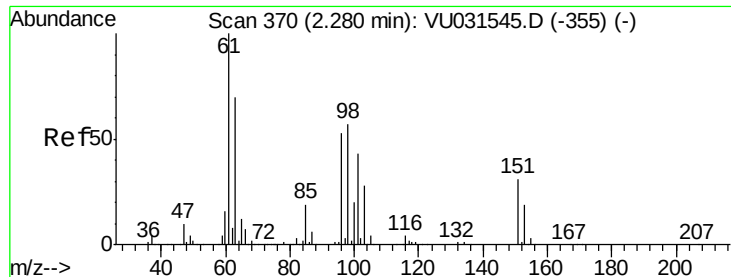


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.620 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU031558.D
 Acq: 27 Apr 2019 02:13

Tgt Ion:101 Resp: 4248
 Ion Ratio Lower Upper
 101 100
 85 0.9 36.1 54.1#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.650 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031558.D

Acq: 27 Apr 2019 02:13

Instrument :

MSVOA_U

ClientSampleId :

C0X04

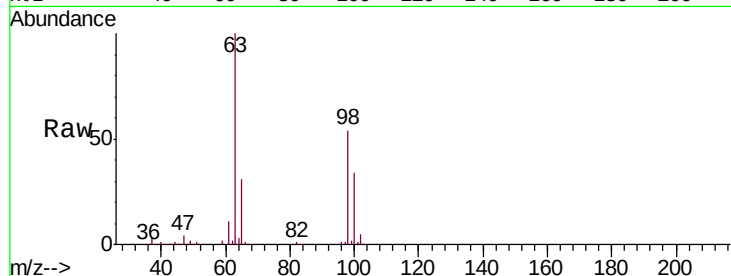
Tgt Ion: 96 Resp: 4333

Ion Ratio Lower Upper

96 100

61 1423.6 135.0 250.6#

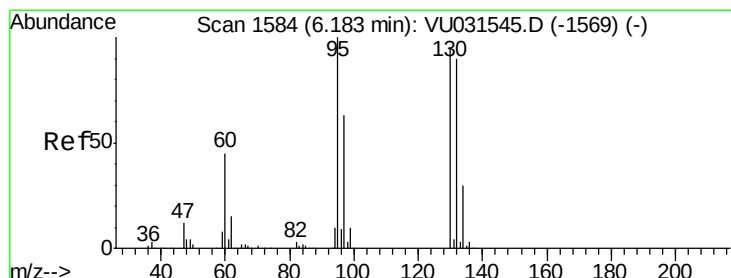
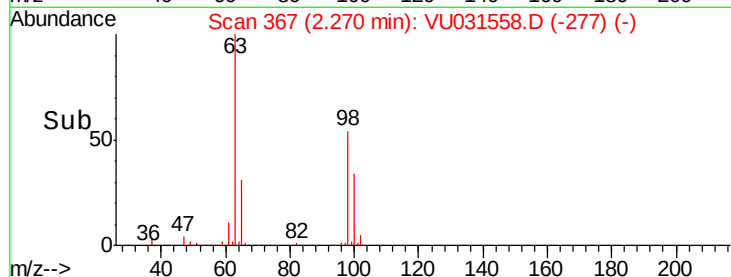
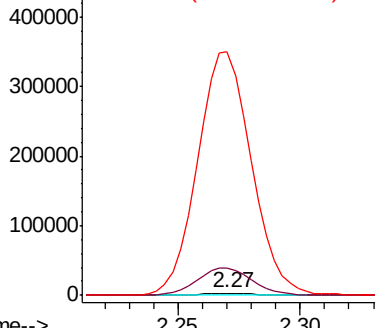
63 12471.2 103.5 192.3#



Abundance Ion 96.00 (95.70 to 96.70): VU031545.D (-355) (-)

Ion 61.00 (60.70 to 61.70): VU031545.D (-355) (-)

Ion 63.00 (62.70 to 63.70): VU031545.D (-355) (-)



#34

Trichloroethene

Concen: 257.839 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031558.D

Acq: 27 Apr 2019 02:13

Tgt Ion: 95 Resp: 1846949

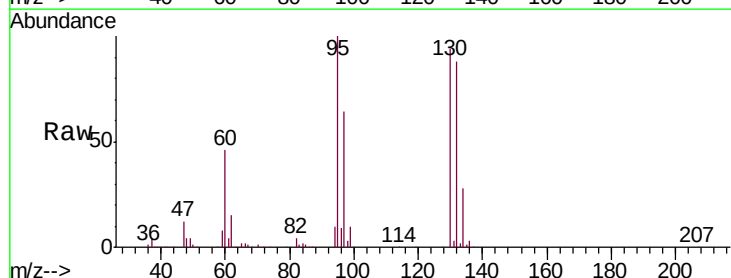
Ion Ratio Lower Upper

95 100

97 64.2 44.8 83.2

132 88.3 63.1 117.1

130 94.1 66.5 123.5

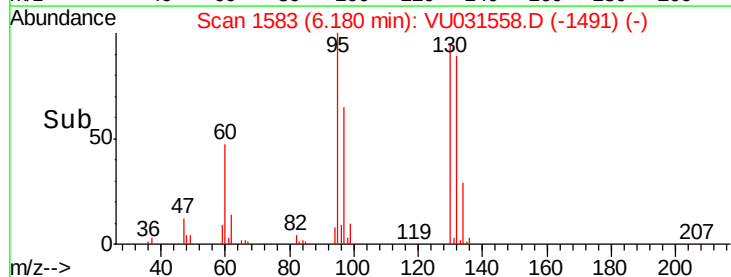
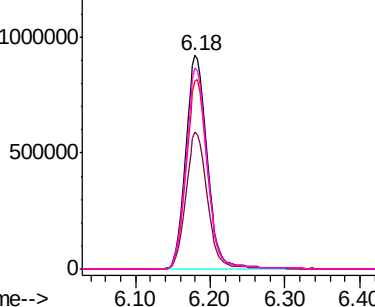


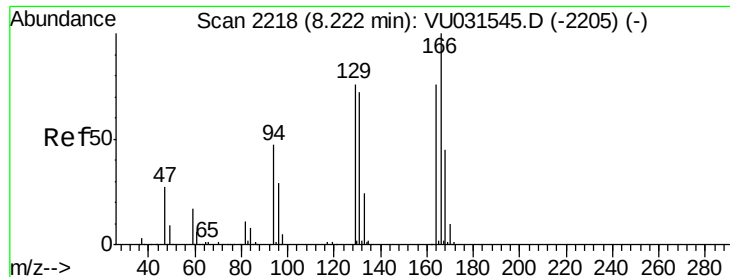
Abundance Ion 95.00 (94.70 to 95.70): VU031545.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031545.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031545.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031545.D (-1569) (-)





#46

Tetrachloroethene

Concen: 7.352 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031558.D

Acq: 27 Apr 2019 02:13

Instrument :

MSVOA_U

ClientSampleId :

C0X04

Tgt Ion:164 Resp: 35902

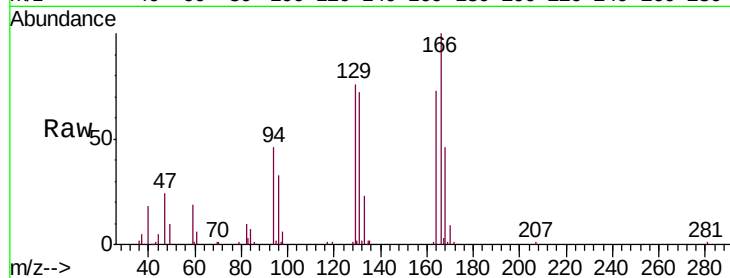
Ion Ratio Lower Upper

164 100

129 104.1 71.5 132.9

131 98.3 69.0 128.2

166 137.0 93.7 173.9

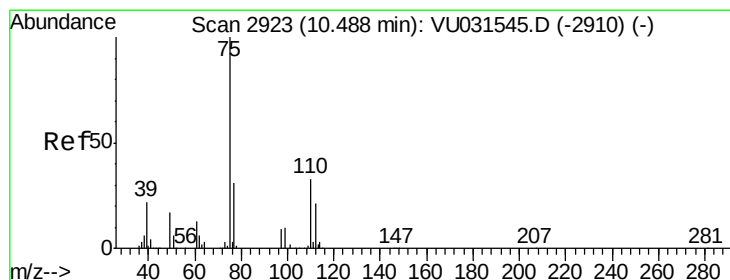
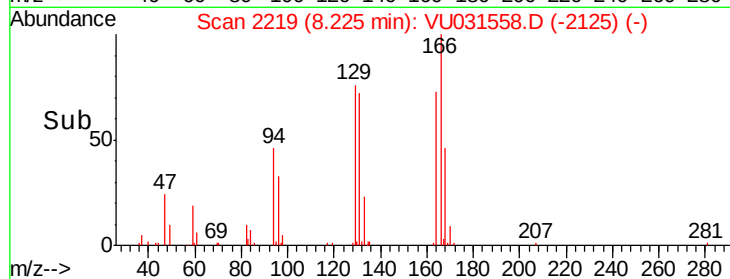
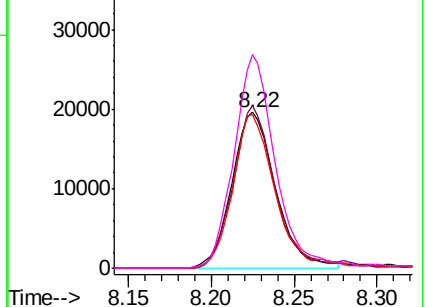


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.015 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031558.D

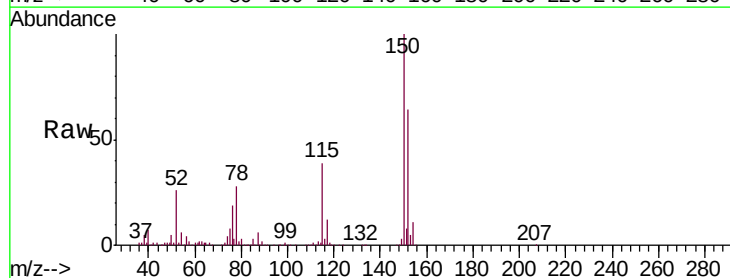
Acq: 27 Apr 2019 02:13

Tgt Ion: 75 Resp: 39935

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

