

Data File : VU031556.D
Acq On : 27 Apr 2019 01:26
Operator : JC/SP
Sample : K2592-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X02

Quant Time: Apr 27 03:31:43 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	864673	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	790084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	316727	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	375752	51.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.84%
7) Chloroethane-d5	1.68	69	288210	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.08%
11) 1,1-Dichloroethene-d2	2.27	63	532541	36.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.90%
21) 2-Butanone-d5	4.18	46	684787	104.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	4.64	84	612390	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
26) 1,2-Dichloroethane-d4	5.31	65	409747	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
32) Benzene-d6	5.34	84	1274158	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.32	67	437980	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.56	98	1064677	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.85	79	171359	46.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.54%
47) 2-Hexanone-d5	8.31	63	420843	113.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	553960	48.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	340006	51.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.10%

Target Compounds

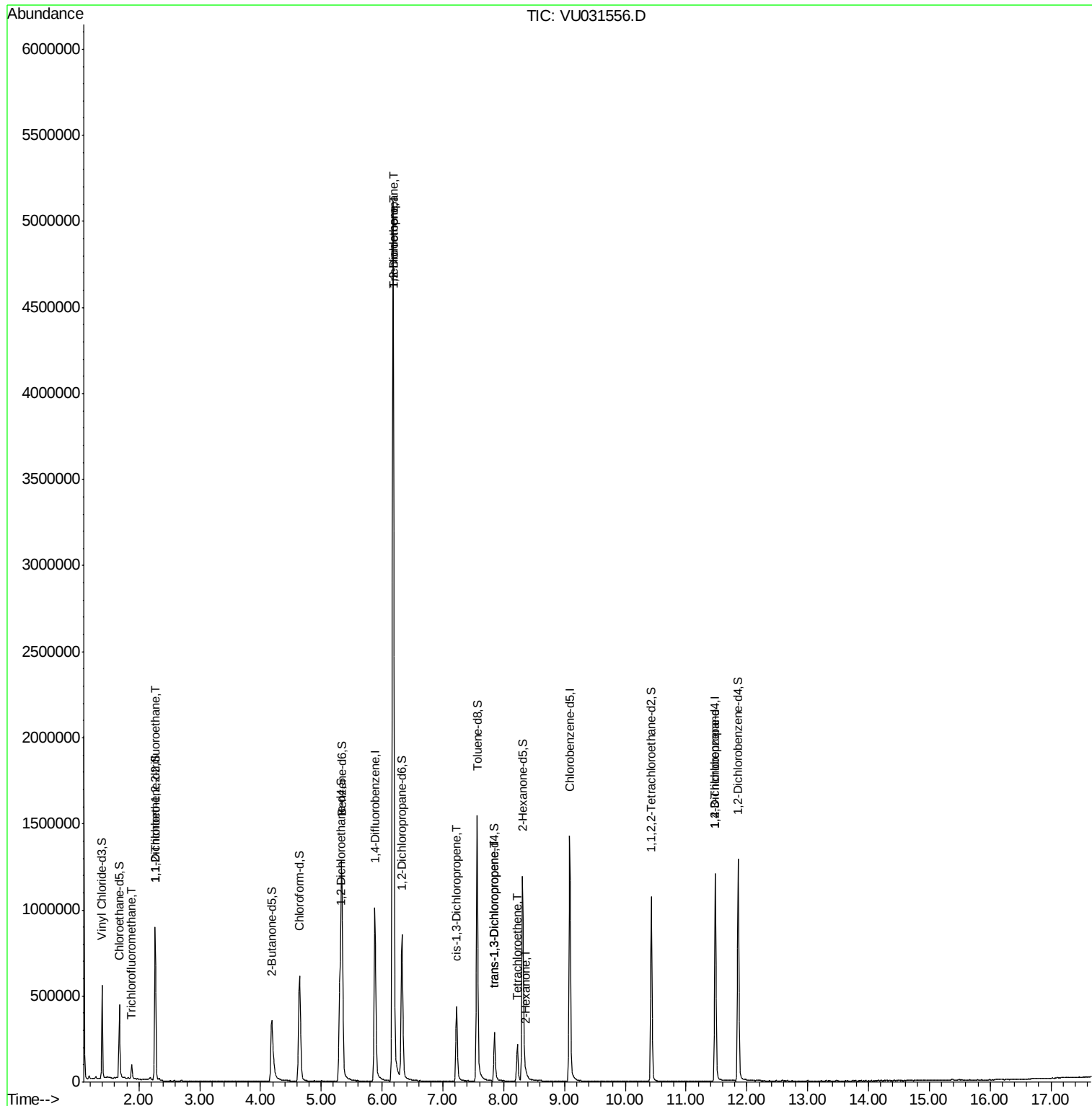
					Qvalue
9) Trichlorofluoromethane	1.88	101	43852	3.577 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3960	0.571 ug/L #	23
34) Trichloroethene	6.18	95	1913852	271.801 ug/L	99
37) 1,2-Dichloropropane	6.18	63	7089	0.860 ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	9195	0.844 ug/L #	53
44) trans-1,3-Dichloropropene	7.85	75	6643	0.672 ug/L #	76
46) Tetrachloroethene	8.23	164	48880	10.183 ug/L	94
48) 2-Hexanone	8.37	43	20566	2.004 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	41288	4.223 ug/L	96

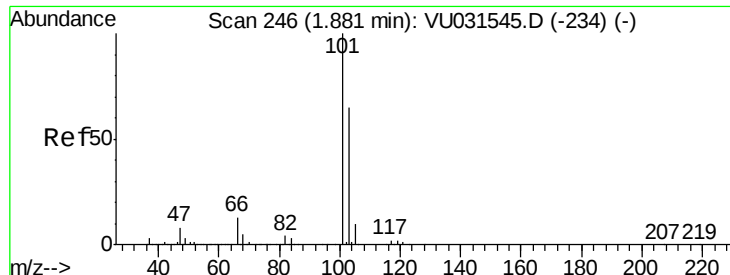
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031556.D
Acq On : 27 Apr 2019 01:26
Operator : JC/SP
Sample : K2592-09 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X02

Quant Time: Apr 27 03:31:43 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



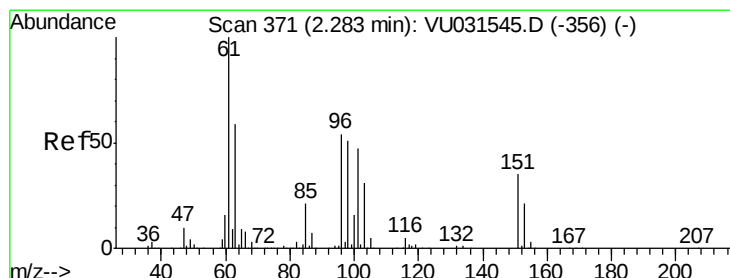
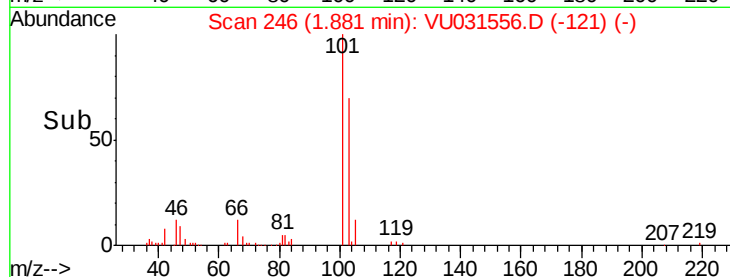
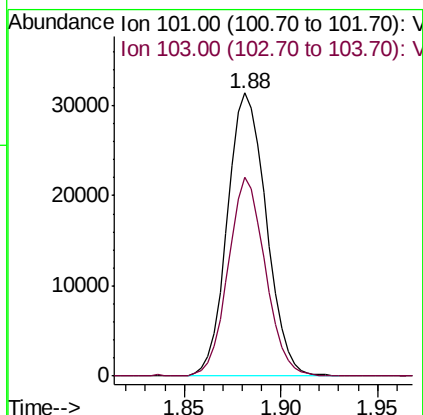
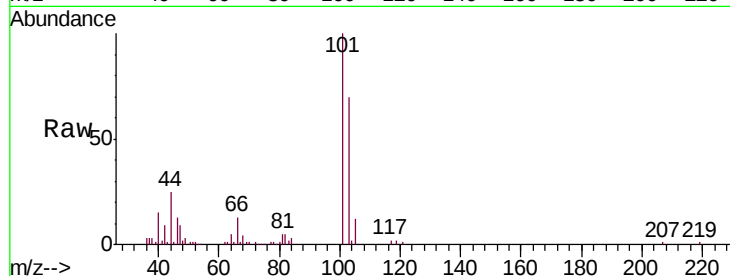


#9

Trichlorofluoromethane
 Concen: 3.577 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. 0.00 min
 Lab File: VU031556.D
 Acq: 27 Apr 2019 01:26

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X02

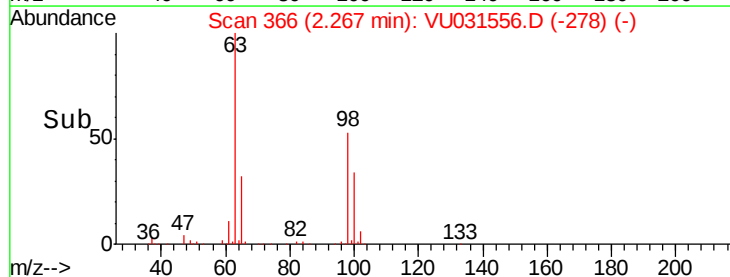
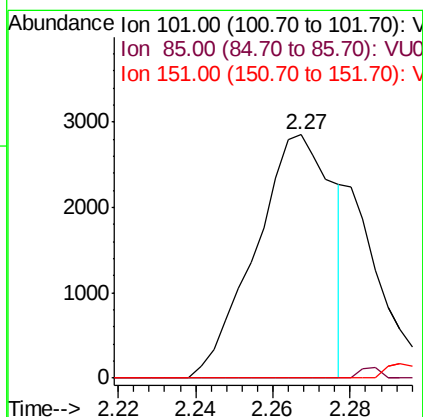
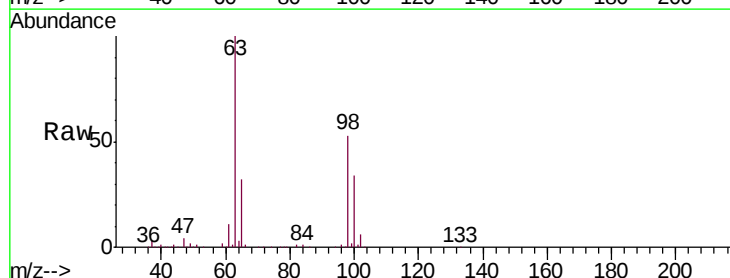
Tgt Ion:101 Resp: 43852
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.8 76.2

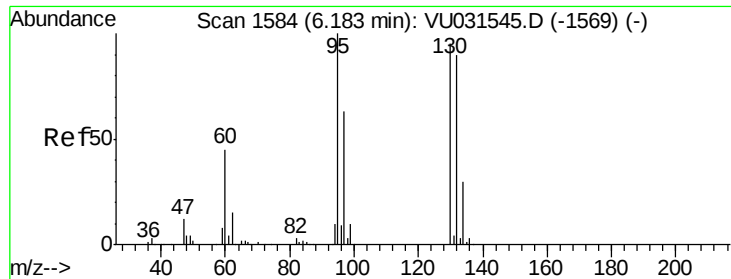


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.571 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: VU031556.D
 Acq: 27 Apr 2019 01:26

Tgt Ion:101 Resp: 3960
 Ion Ratio Lower Upper
 101 100
 85 1.1 36.1 54.1#
 151 2.1 56.1 84.1#





#34

Trichloroethene

Concen: 271.801 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031556.D

Acq: 27 Apr 2019 01:26

Instrument :

MSVOA_U

ClientSampleId :

C0X02

Tgt Ion: 95 Resp: 1913852

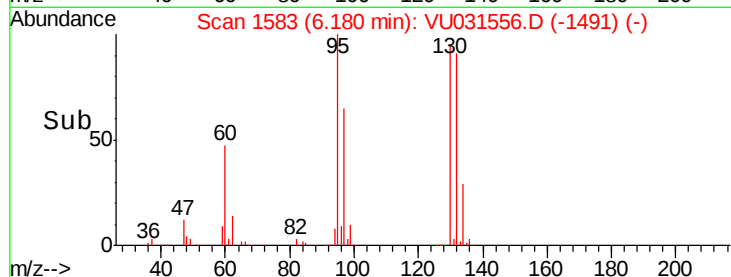
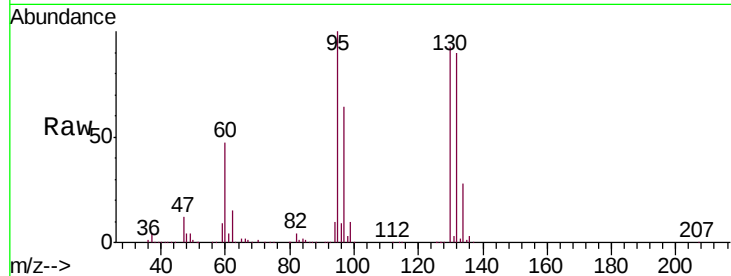
Ion Ratio Lower Upper

95 100

97 64.3 44.8 83.2

132 89.7 63.1 117.1

130 93.4 66.5 123.5

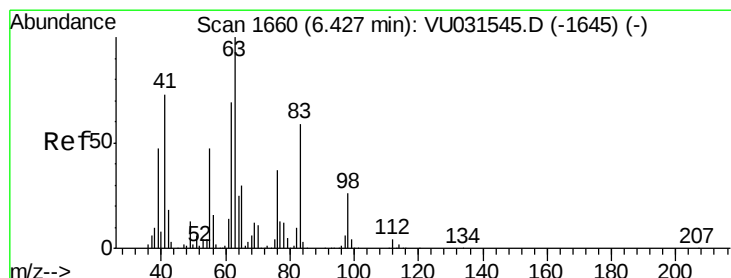
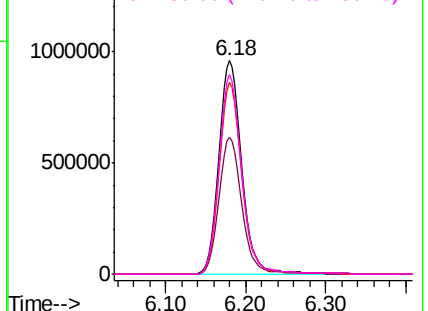


Abundance Ion 95.00 (94.70 to 95.70): VU031556.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031556.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031556.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031556.D (-1491) (-)



#37

1,2-Dichloropropane

Concen: 0.860 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.25 min

Lab File: VU031556.D

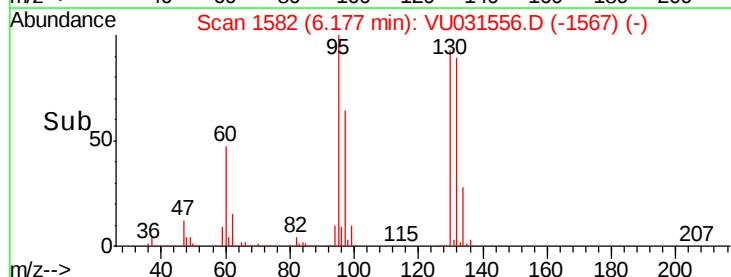
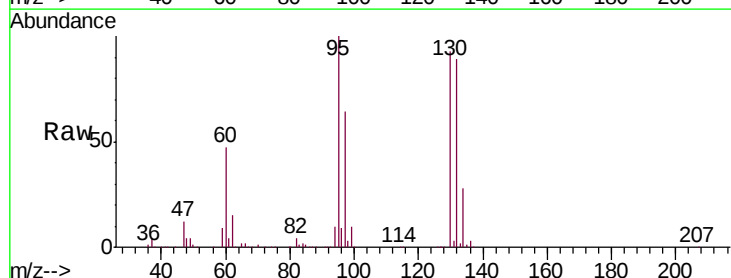
Acq: 27 Apr 2019 01:26

Tgt Ion: 63 Resp: 7089

Ion Ratio Lower Upper

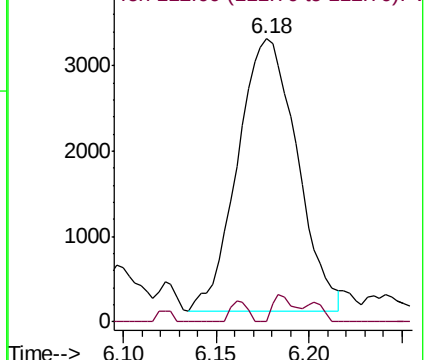
63 100

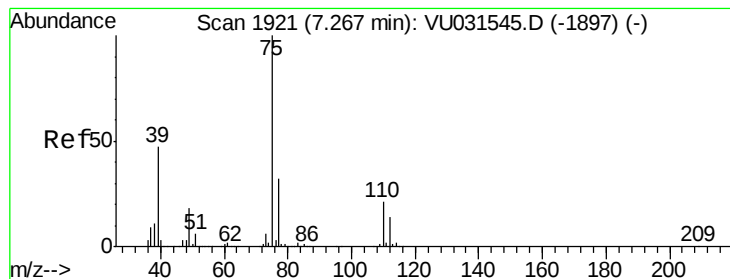
112 3.6 2.7 4.1



Abundance Ion 63.00 (62.70 to 63.70): VU031556.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VU031556.D (-1567) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.844 ug/L

RT: 7.23 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031556.D

Acq: 27 Apr 2019 01:26

Instrument :

MSVOA_U

ClientSampleId :

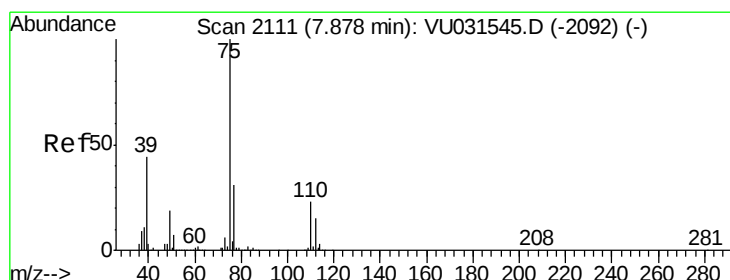
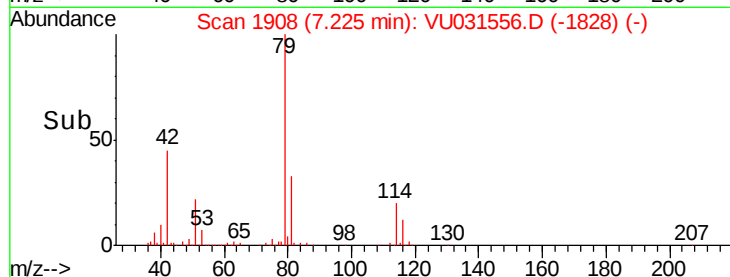
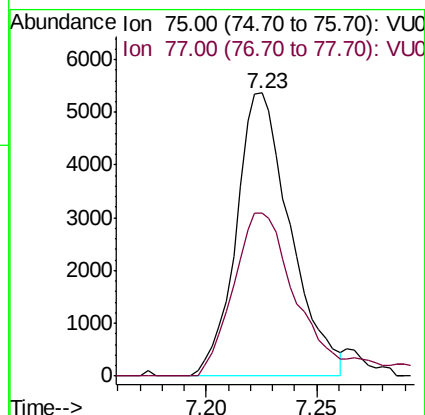
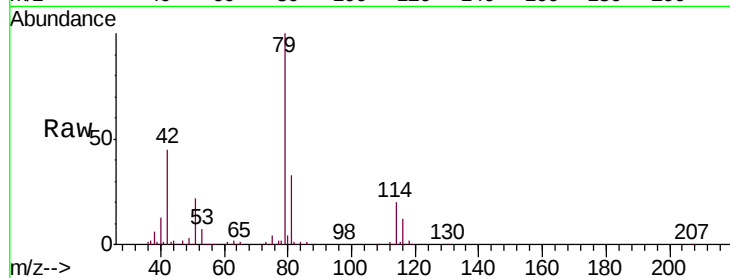
C0X02

Tgt Ion: 75 Resp: 9195

Ion Ratio Lower Upper

75 100

77 57.4 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.672 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031556.D

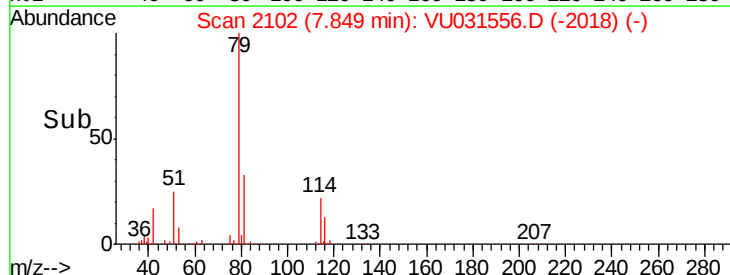
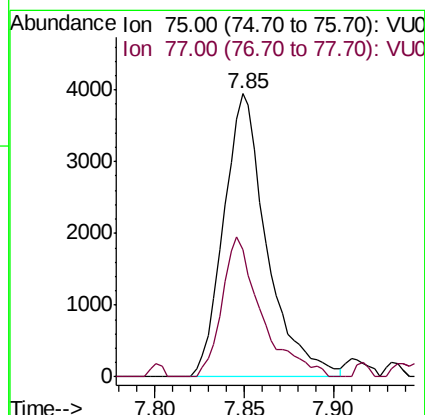
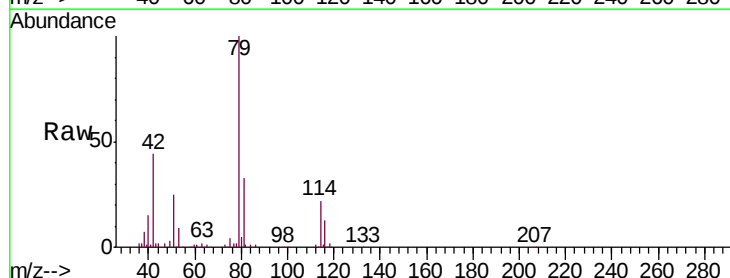
Acq: 27 Apr 2019 01:26

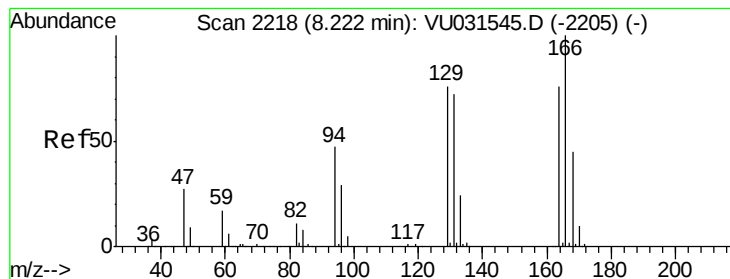
Tgt Ion: 75 Resp: 6643

Ion Ratio Lower Upper

75 100

77 44.9 22.1 41.1#





#46

Tetrachloroethene

Concen: 10.183 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031556.D

Acq: 27 Apr 2019 01:26

Instrument :

MSVOA_U

ClientSampled :

C0X02

Tgt Ion:164 Resp: 48880

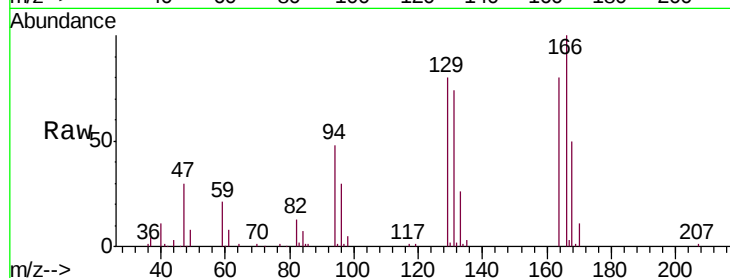
Ion Ratio Lower Upper

164 100

129 99.7 71.5 132.9

131 92.4 69.0 128.2

166 124.7 93.7 173.9



Abundance

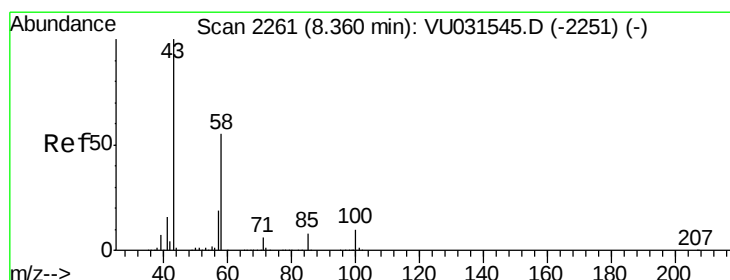
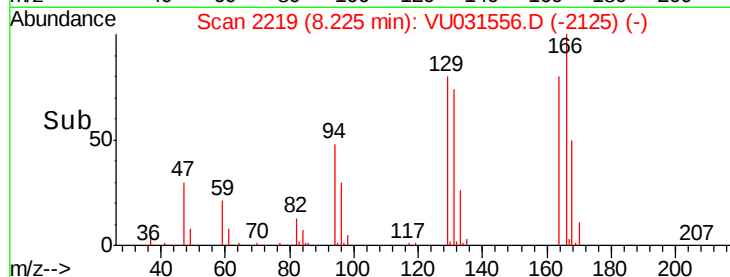
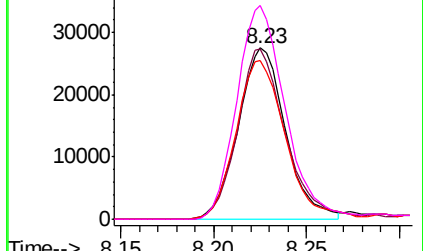
Ion 164.00 (163.70 to 164.70): V

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

Time-->



#48

2-Hexanone

Concen: 2.004 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031556.D

Acq: 27 Apr 2019 01:26

Tgt Ion: 43 Resp: 20566

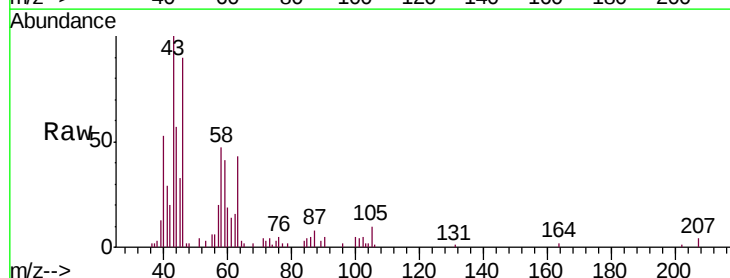
Ion Ratio Lower Upper

43 100

58 29.5 42.1 63.1#

57 11.2 14.6 22.0#

100 2.6 7.2 10.8#



Abundance

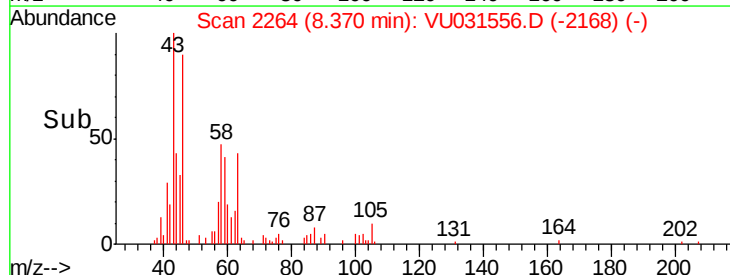
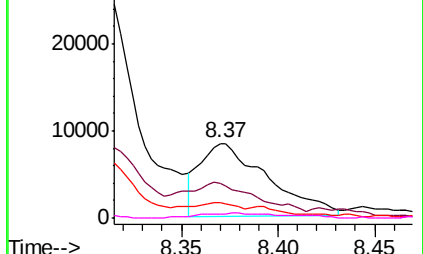
Ion 43.00 (42.70 to 43.70): VU0

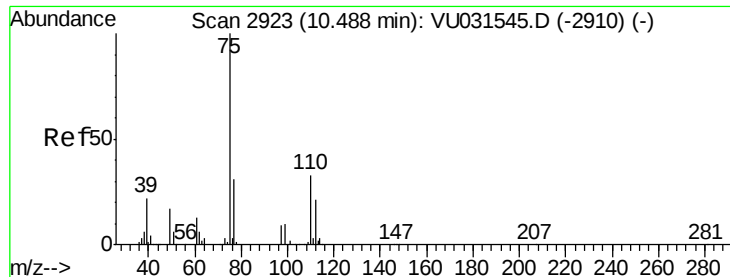
Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.223 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031556.D

Acq: 27 Apr 2019 01:26

Instrument :

MSVOA_U

ClientSampleId :

C0X02

Tgt Ion: 75 Resp: 41288

Ion Ratio Lower Upper

75 100

77 34.9 25.9 38.9

