

Data File : VU031544.D
Acq On : 26 Apr 2019 19:59
Operator : JC/SP
Sample : K2536-18 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X06

Quant Time: Apr 27 00:25:37 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	895894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	837336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	338429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	385995	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.96%
7) Chloroethane-d5	1.68	69	297347	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.64%
11) 1,1-Dichloroethene-d2	2.27	63	546931	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	4.18	46	677507	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.64	84	629102	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.62%
26) 1,2-Dichloroethane-d4	5.31	65	408705	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.33	84	1326261	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.16%
36) 1,2-Dichloropropane-d6	6.32	67	447241	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.56	98	1124714	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	186421	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.02%
47) 2-Hexanone-d5	8.31	63	449630	114.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575910	47.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	365039	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

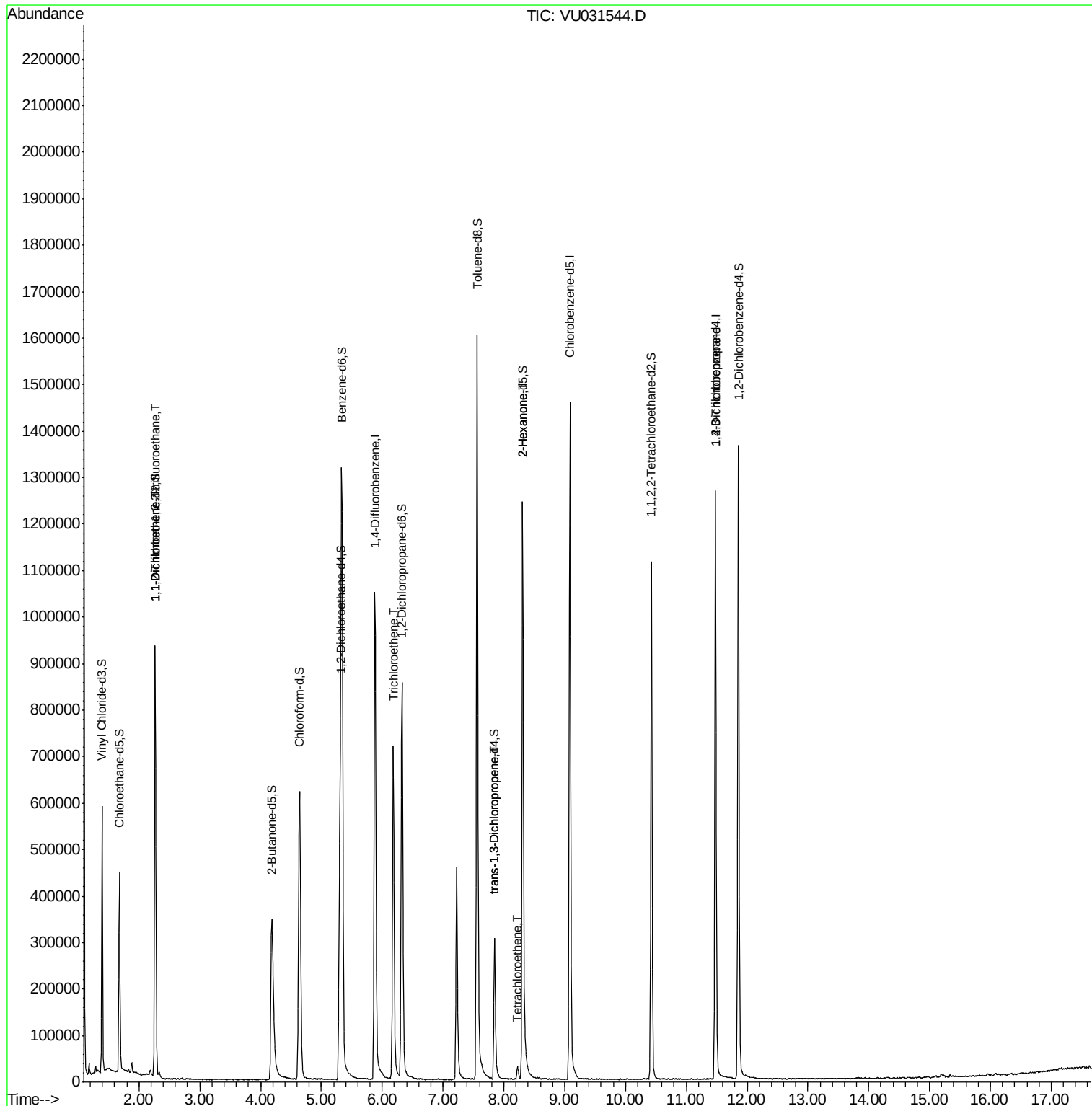
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4792	0.667	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	4417	0.632	ug/L #	1
34) Trichloroethene	6.18	95	271320	36.358	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6764	0.646	ug/L	84
46) Tetrachloroethene	8.22	164	6946	1.365	ug/L	84
48) 2-Hexanone	8.31	43	51854	4.768	ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	41466	4.002	ug/L	94

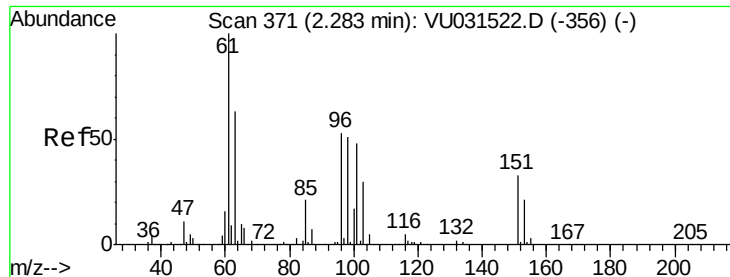
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031544.D
Acq On : 26 Apr 2019 19:59
Operator : JC/SP
Sample : K2536-18 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X06

Quant Time: Apr 27 00:25:37 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





#10

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

Concen: 0.667 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

Instrument :

MSVOA_U

ClientSampleId :

C0X06

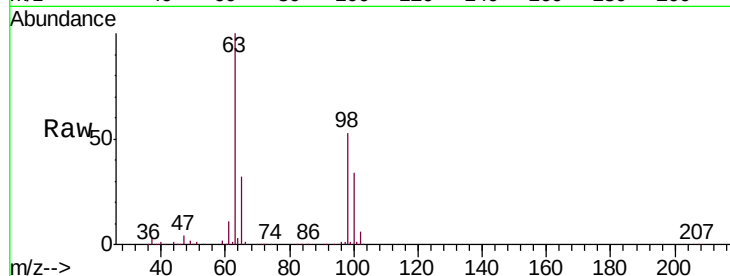
Tgt Ion: 101 Resp: 4792

Ion Ratio Lower Upper

101 100

85 0.9 36.1 54.1#

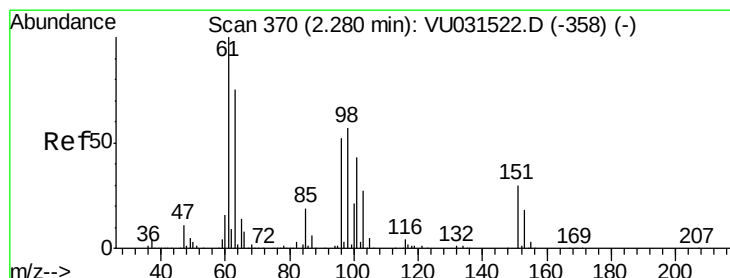
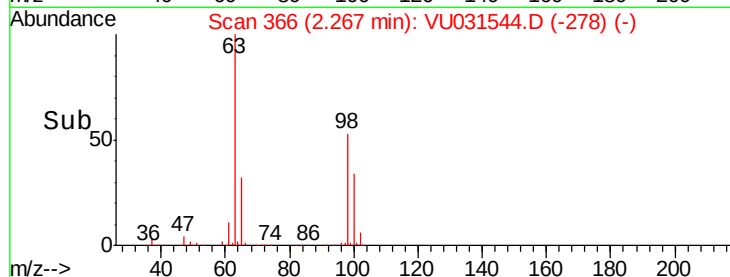
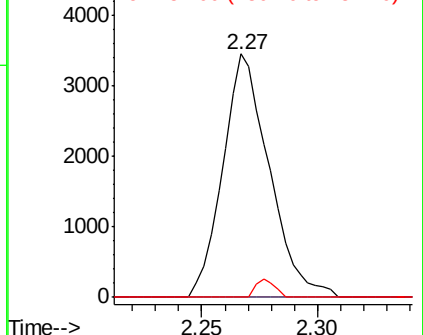
151 3.1 56.1 84.1#



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



#12

1,1-Dichloroethene

Concen: 0.632 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

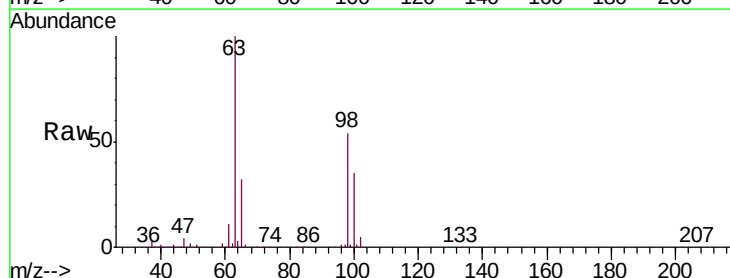
Tgt Ion: 96 Resp: 4417

Ion Ratio Lower Upper

96 100

61 1578.9 135.0 250.6#

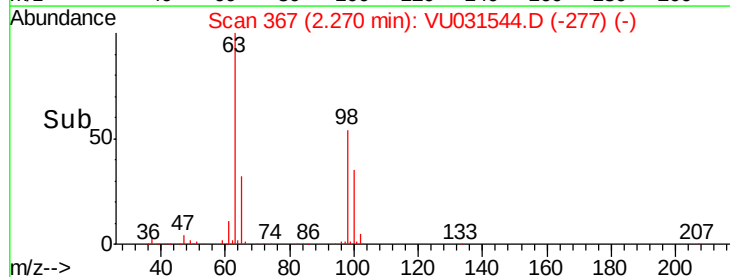
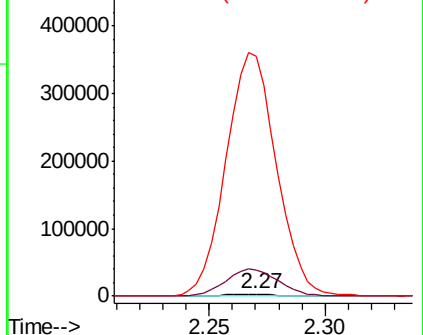
63 14234.7 103.5 192.3#

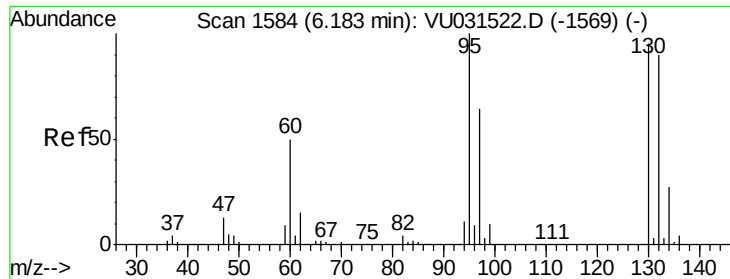


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 36.358 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

Instrument :

MSVOA_U

ClientSampleId :

C0X06

Tgt Ion: 95 Resp: 271320

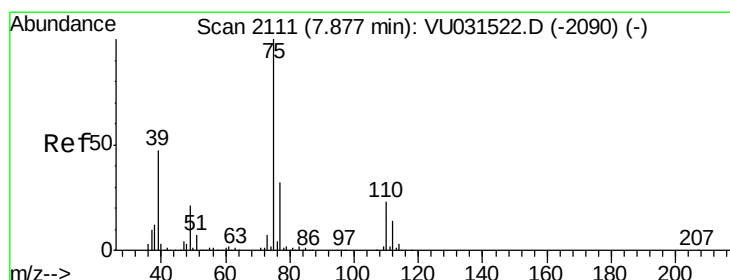
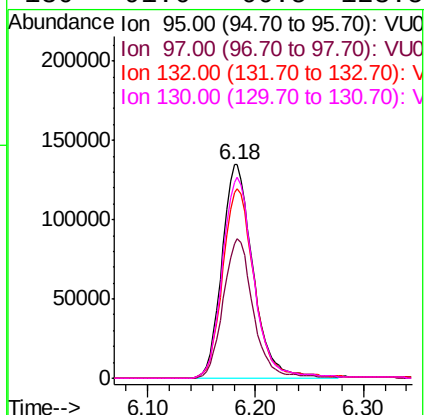
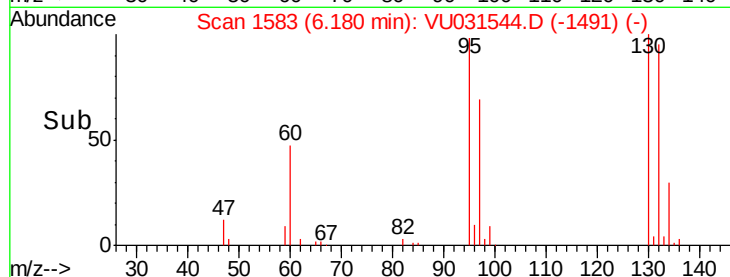
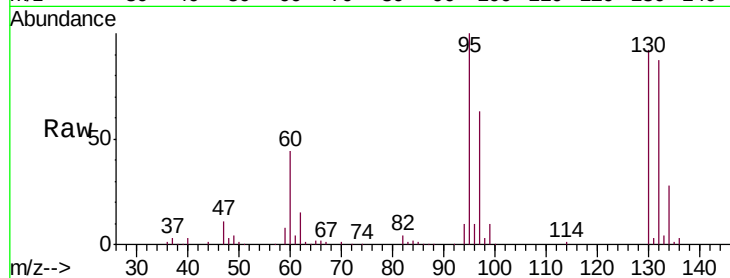
Ion Ratio Lower Upper

95 100

97 63.0 44.8 83.2

132 86.7 63.1 117.1

130 91.6 66.5 123.5



#44

trans-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031544.D

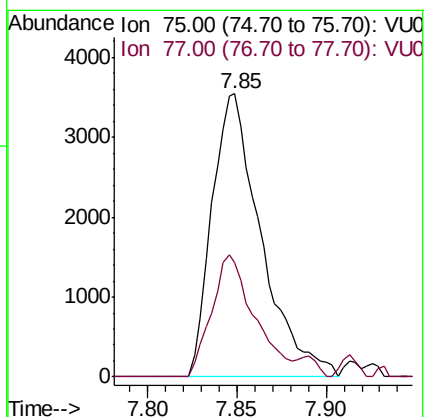
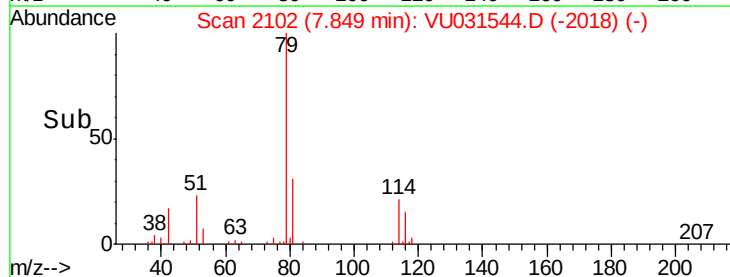
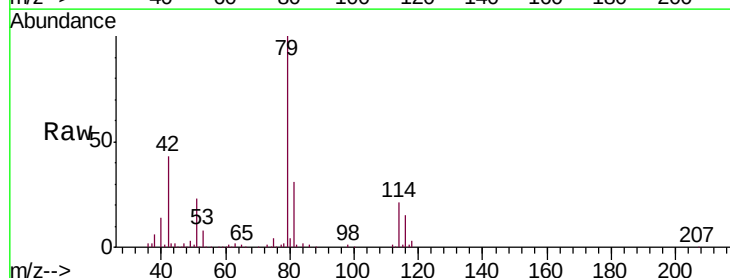
Acq: 26 Apr 2019 19:59

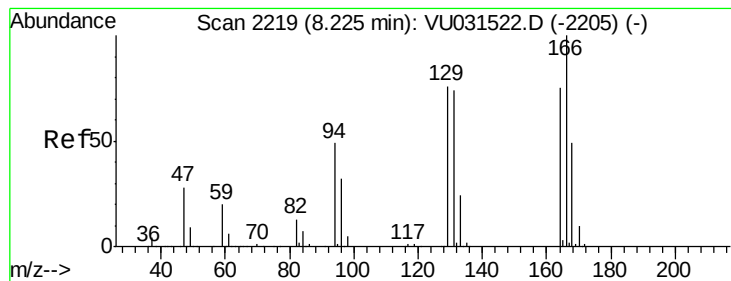
Tgt Ion: 75 Resp: 6764

Ion Ratio Lower Upper

75 100

77 40.4 22.1 41.1





#46

Tetrachloroethene

Concen: 1.365 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

Instrument :

MSVOA_U

ClientSampleId :

C0X06

Tgt Ion:164 Resp: 6946

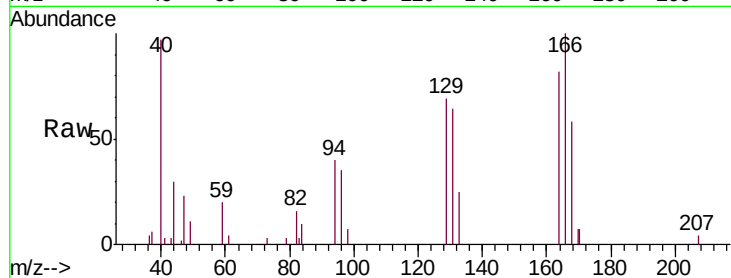
Ion Ratio Lower Upper

164 100

129 84.2 71.5 132.9

131 77.3 69.0 128.2

166 121.4 93.7 173.9

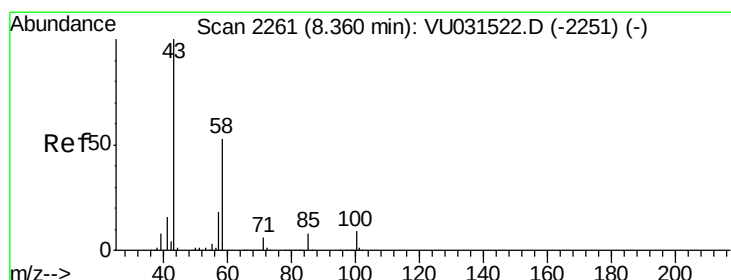
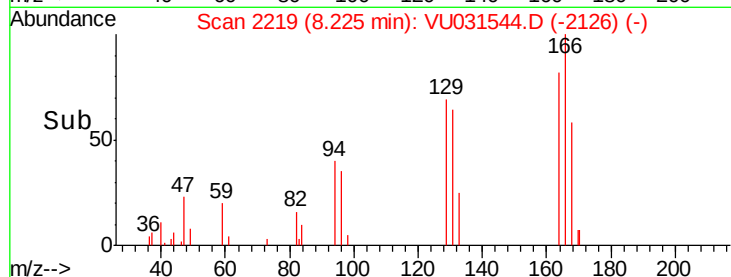
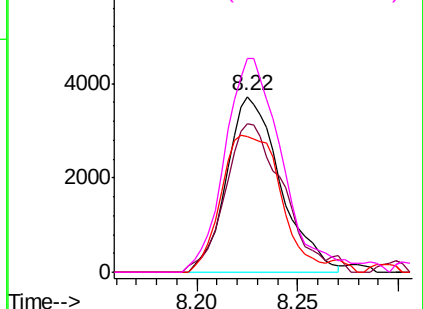


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 4.768 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

Tgt Ion: 43 Resp: 51854

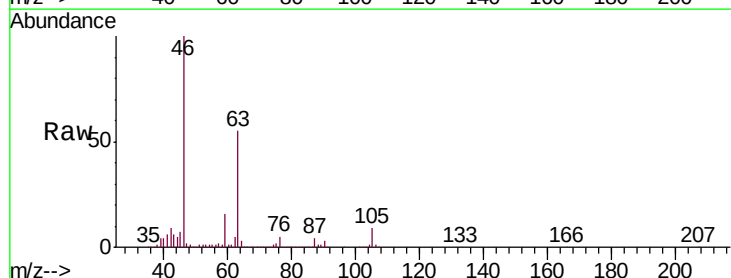
Ion Ratio Lower Upper

43 100

58 31.0 42.1 63.1#

57 25.5 14.6 22.0#

100 0.4 7.2 10.8#

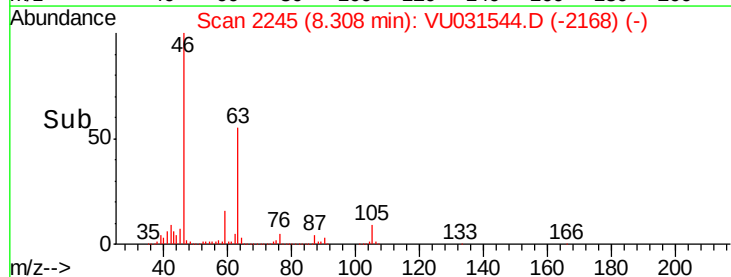
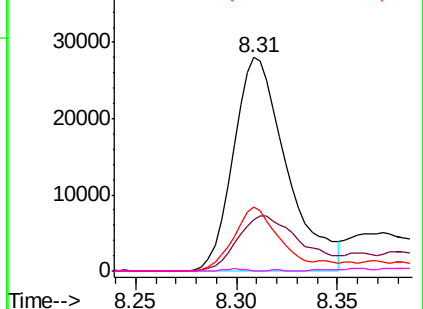


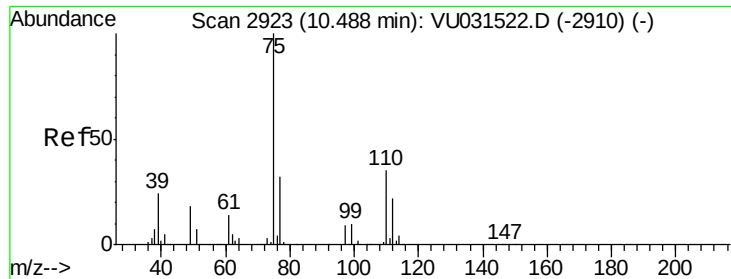
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#59

1,2,3-Trichloropropane

Concen: 4.002 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031544.D

Acq: 26 Apr 2019 19:59

Instrument :

MSVOA_U

ClientSampleId :

C0X06

Tgt Ion: 75 Resp: 41466

Ion Ratio Lower Upper

75 100

77 36.0 25.9 38.9

