

Data File : VU030527.D
Acq On : 28 Mar 2019 20:09
Operator : JC/SP
Sample : K2101-15ME
Misc : 5.84mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFOE6ME

Quant Time: Mar 29 01:24:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	753247	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	735189	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	343657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	273586	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.26%
7) Chloroethane-d5	1.64	69	209579	43.62	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.24	63	406510	35.35	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.70%
21) 2-Butanone-d5	4.18	46	596153	104.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.61%
24) Chloroform-d	4.64	84	524354	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.30	65	356110	52.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.20%
32) Benzene-d6	5.33	84	1040782	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
36) 1,2-Dichloropropane-d6	6.32	67	383514	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.56	98	901327	47.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	164496	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
47) 2-Hexanone-d5	8.31	63	434492	111.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	601870	58.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	368113	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%

Target Compounds

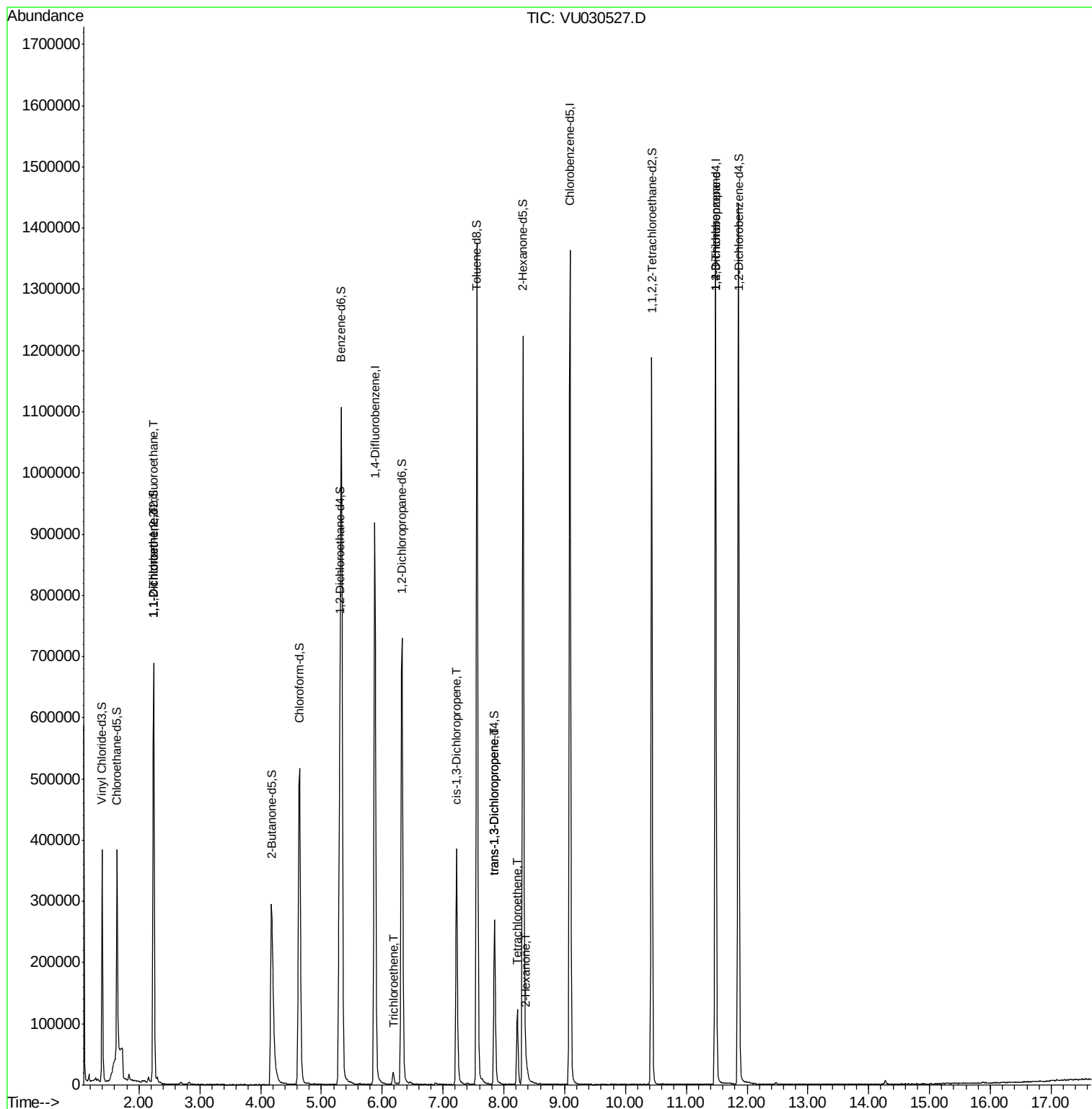
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	3553	0.646	ug/L #	22
12) 1,1-Dichloroethene	2.24	96	3001	0.557	ug/L #	1
34) Trichloroethene	6.18	95	6883	1.119	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	9459	0.927	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	7033	0.783	ug/L #	82
46) Tetrachloroethene	8.22	164	27128	6.313	ug/L	96
48) 2-Hexanone	8.37	43	19963	2.042	ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	43763	5.062	ug/L	89

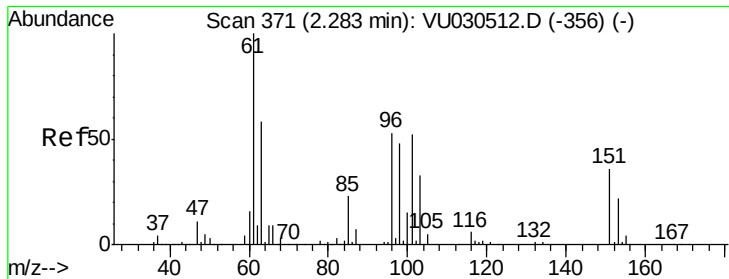
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.646 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.04 min

Lab File: VU030527.D

Acq: 28 Mar 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

BFOE6ME

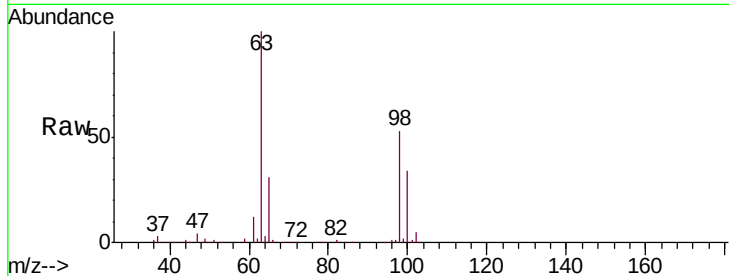
Tgt Ion: 101 Resp: 3553

Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

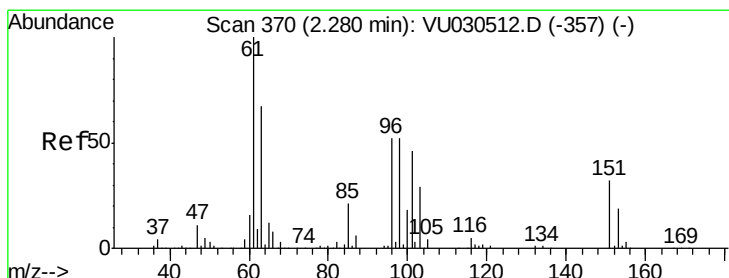
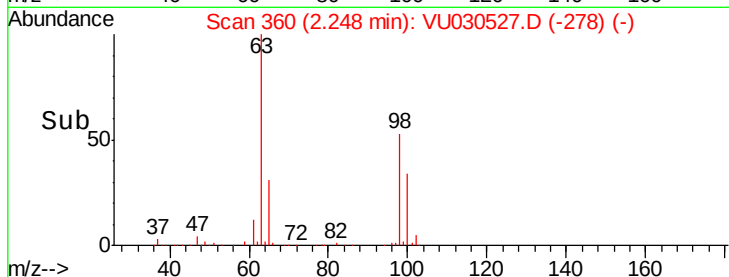
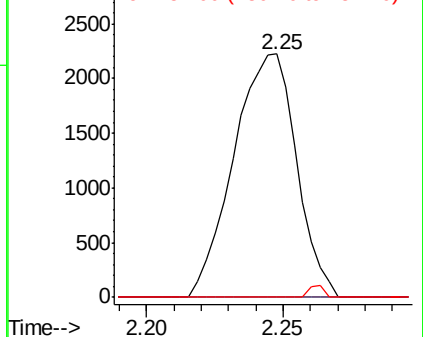
151 1.1 56.6 85.0#



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: 0.557 ug/L

RT: 2.24 min Scan# 359

Delta R.T. -0.04 min

Lab File: VU030527.D

Acq: 28 Mar 2019 20:09

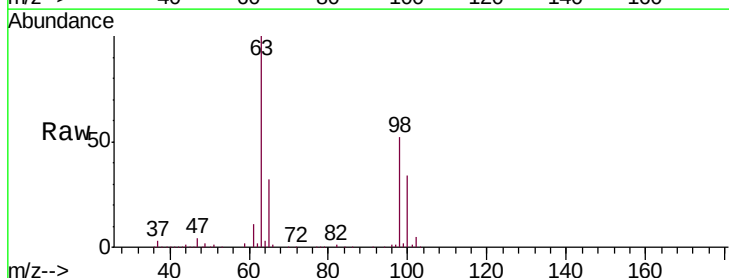
Tgt Ion: 96 Resp: 3001

Ion Ratio Lower Upper

96 100

61 1630.2 131.0 243.4#

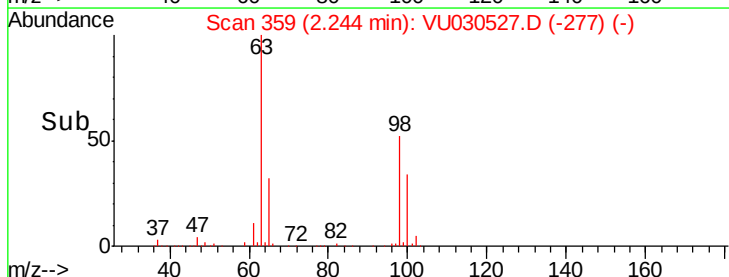
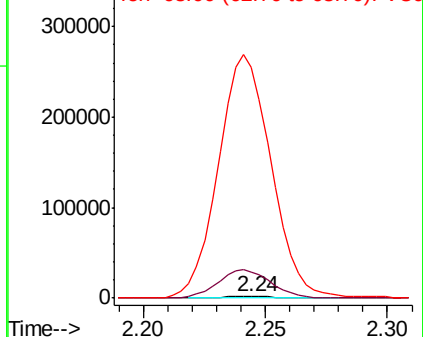
63 14178.0 92.4 171.6#

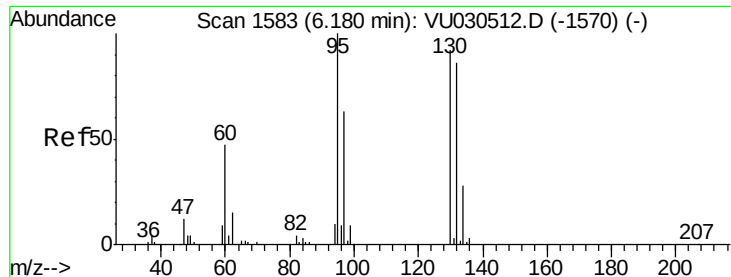


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

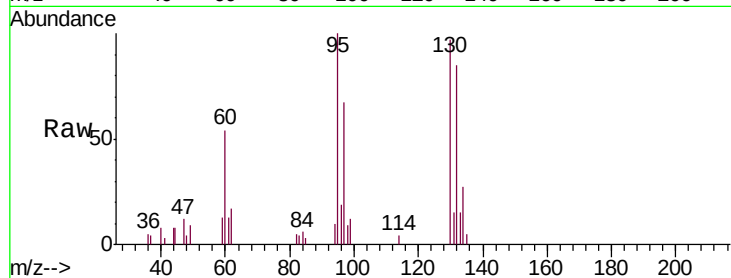




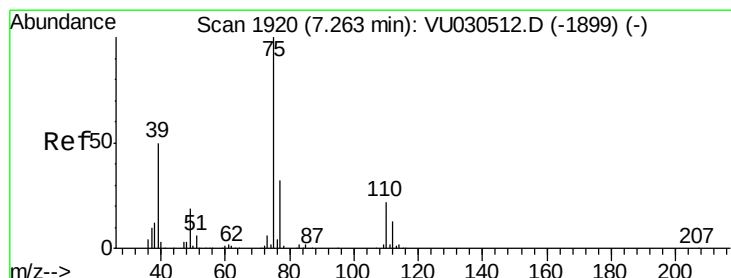
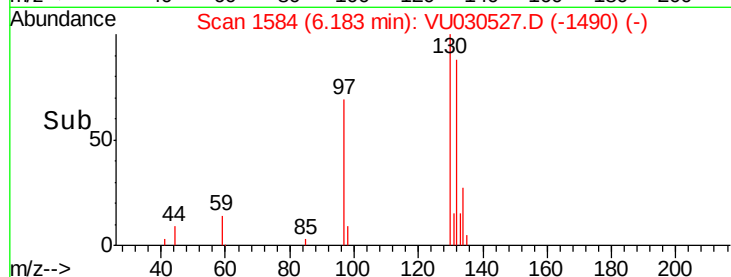
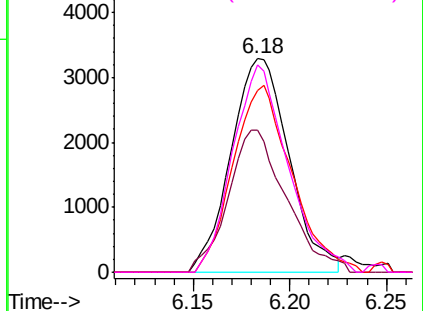
#34
 Trichloroethene
 Concen: 1.119 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU030527.D
 Acq: 28 Mar 2019 20:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BFOE6ME

Tgt Ion: 95 Resp: 6883
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.7 84.9
 132 85.0 63.8 118.4
 130 97.1 65.7 121.9

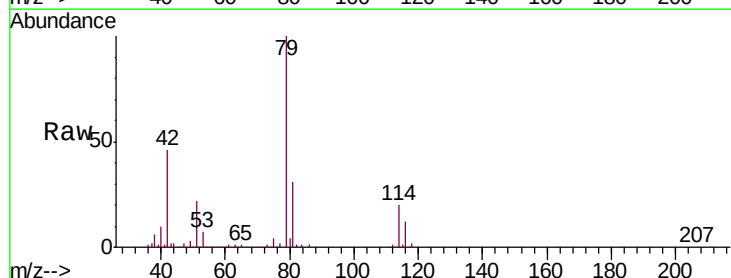


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

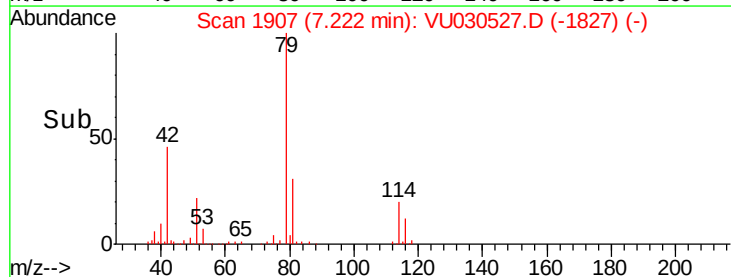
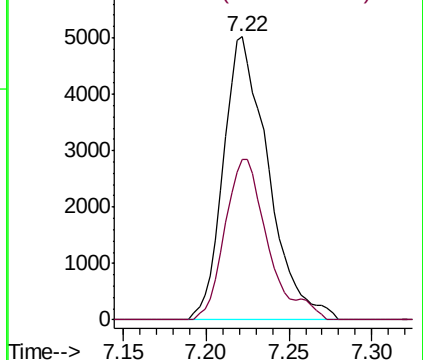


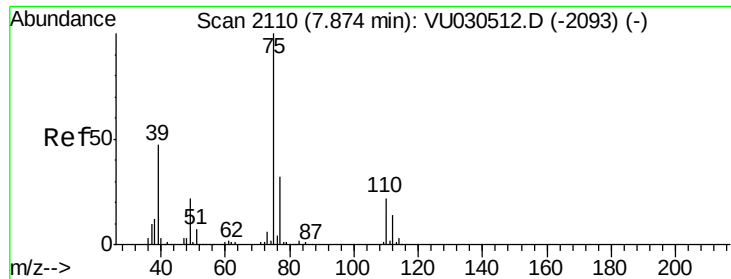
#39
 cis-1,3-Dichloropropene
 Concen: 0.927 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU030527.D
 Acq: 28 Mar 2019 20:09

Tgt Ion: 75 Resp: 9459
 Ion Ratio Lower Upper
 75 100
 77 56.6 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.783 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU030527.D

Acq: 28 Mar 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

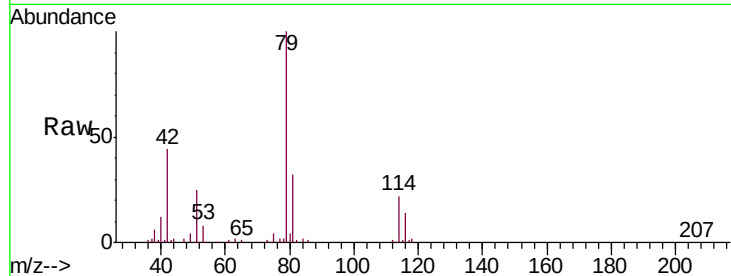
BFOE6ME

Tgt Ion: 75 Resp: 7033

Ion Ratio Lower Upper

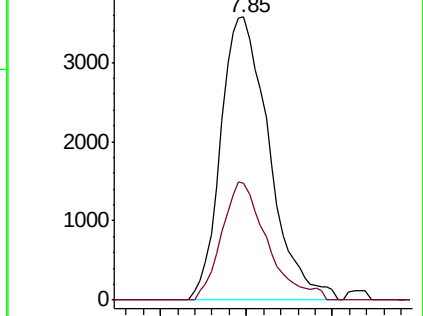
75 100

77 41.5 22.0 40.8#

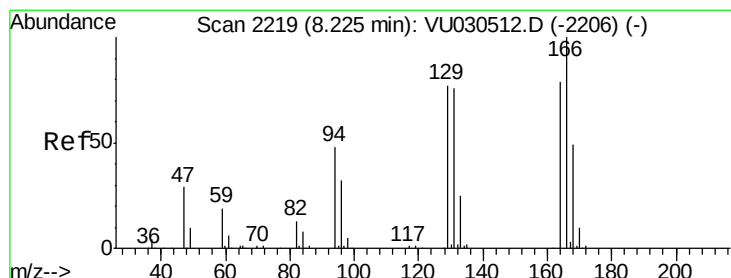
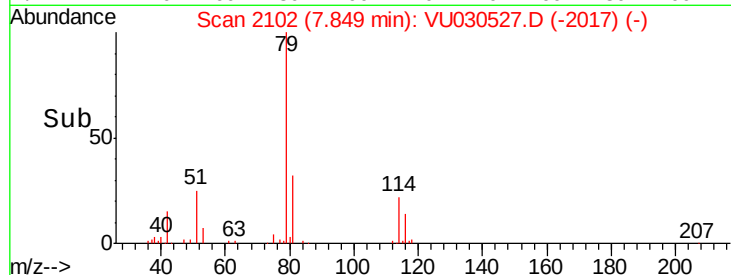


Abundance Ion 75.00 (74.70 to 75.70): VU030527.D (-2102) (-)

Ion 77.00 (76.70 to 77.70): VU030527.D (-2102) (-)



Time-->



#46

Tetrachloroethene

Concen: 6.313 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030527.D

Acq: 28 Mar 2019 20:09

Tgt Ion: 164 Resp: 27128

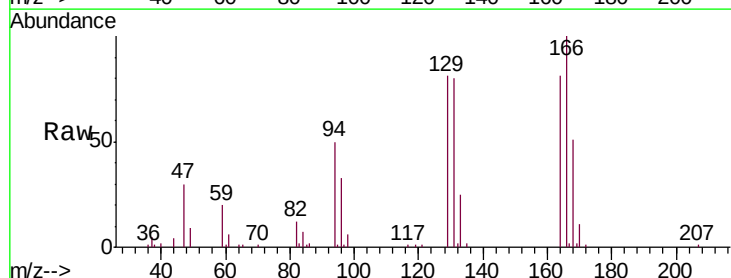
Ion Ratio Lower Upper

164 100

129 100.1 68.1 126.5

131 98.7 67.7 125.7

166 123.6 92.4 171.6

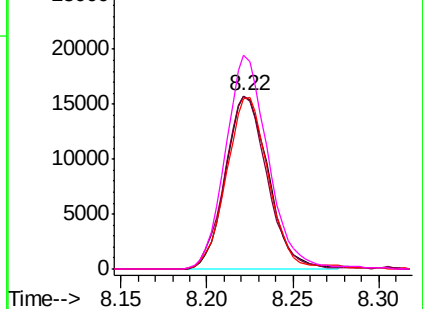


Abundance Ion 164.00 (163.70 to 164.70): VU030527.D (-2218) (-)

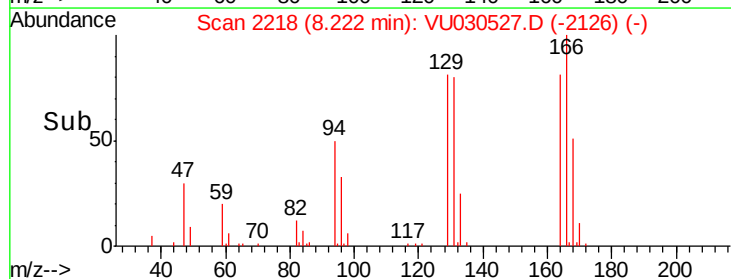
Ion 129.00 (128.70 to 129.70): VU030527.D (-2218) (-)

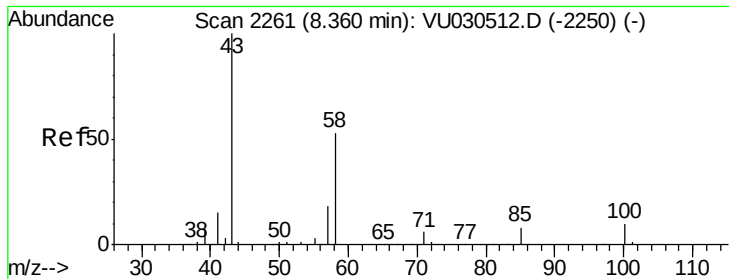
Ion 131.00 (130.70 to 131.70): VU030527.D (-2218) (-)

Ion 166.00 (165.70 to 166.70): VU030527.D (-2218) (-)



Time-->





#48

2-Hexanone

Concen: 2.042 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU030527.D

Acq: 28 Mar 2019 20:09

Instrument :

MSVOA_U

ClientSampleId :

BFOE6ME

Tgt Ion: 43 Resp: 19963

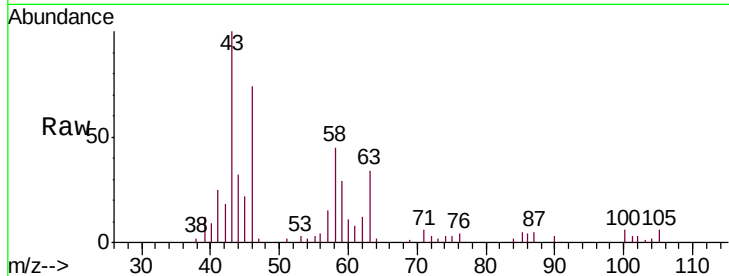
Ion Ratio Lower Upper

43 100

58 44.3 42.5 63.7

57 13.7 15.0 22.6#

100 5.8 7.4 11.2#

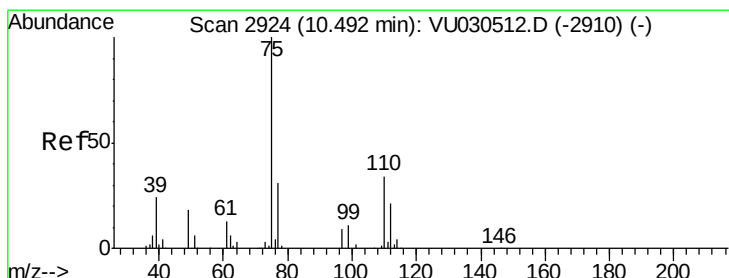
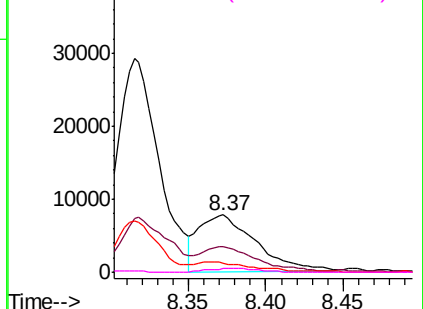
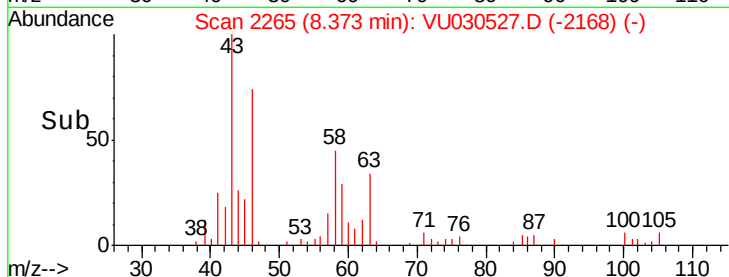


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 5.062 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030527.D

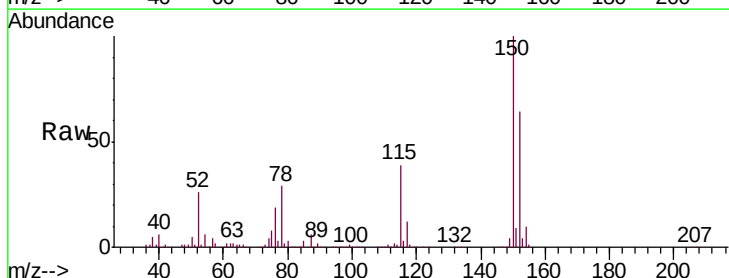
Acq: 28 Mar 2019 20:09

Tgt Ion: 75 Resp: 43763

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

