

Data File : VU031136.D
Acq On : 12 Apr 2019 18:13
Operator : JC/SP
Sample : K2353-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Apr 13 01:05:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:01:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	468650	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463591	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	208801	49.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.82%
7) Chloroethane-d5	1.68	69	158105	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.58%
11) 1,1-Dichloroethene-d2	2.27	63	271079	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.17	46	321883	97.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.64	84	319241	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
26) 1,2-Dichloroethane-d4	5.30	65	218850	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
32) Benzene-d6	5.34	84	667151	49.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.32	67	223818	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.56	98	578132	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%
43) trans-1,3-Dichloropropene-	7.85	79	93752	44.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.66%
47) 2-Hexanone-d5	8.31	63	196237	92.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302061	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	202274	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%

Target Compounds

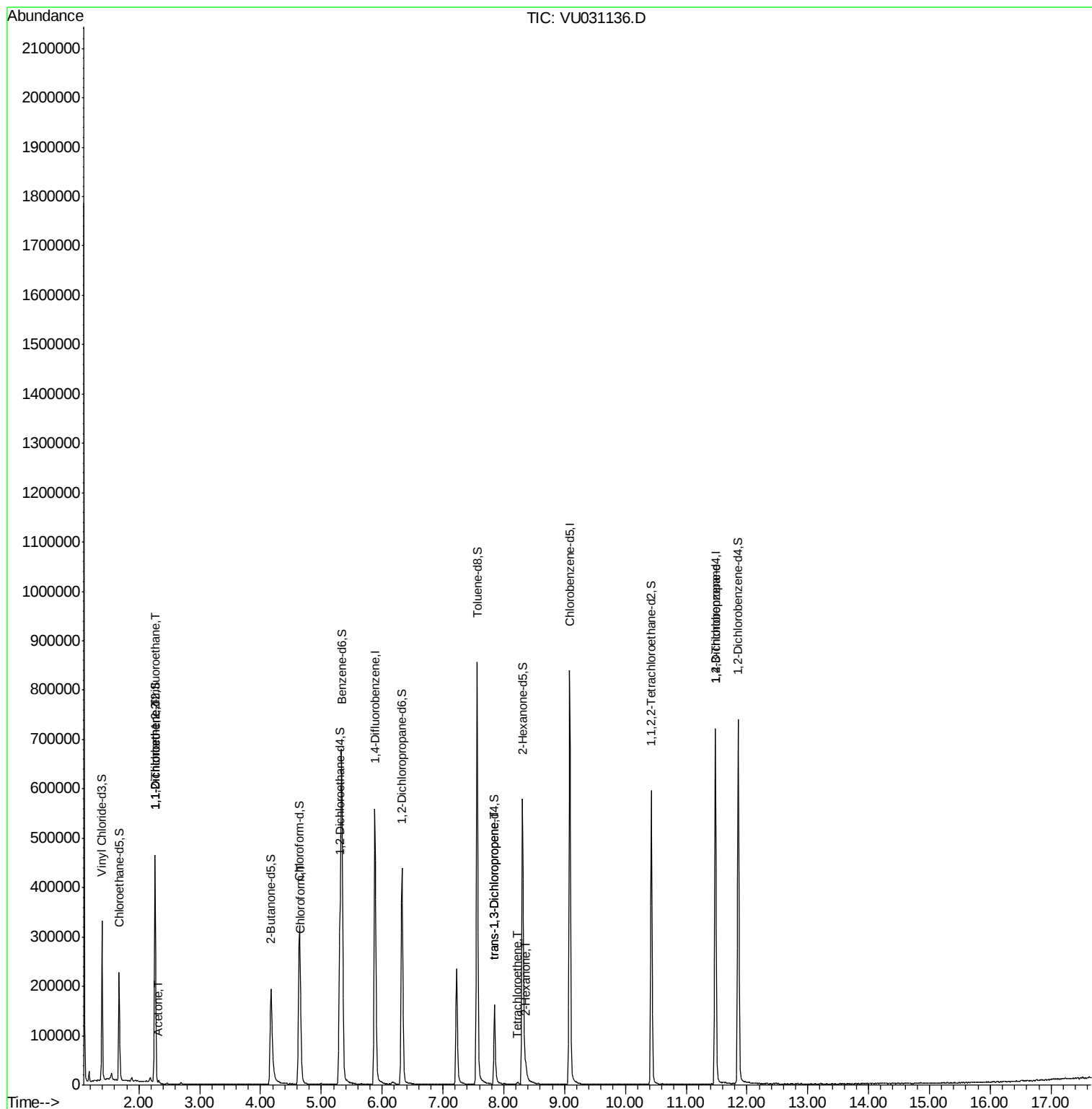
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2280	0.679	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2106	0.650	ug/L #	1
13) Acetone	2.32	43	1636	0.482	ug/L	86
25) Chloroform	4.67	83	16397	2.298	ug/L	91
44) trans-1,3-Dichloropropene	7.85	75	4577	0.849	ug/L #	68
46) Tetrachloroethene	8.23	164	1230	0.455	ug/L	78
48) 2-Hexanone	8.37	43	14300	2.653	ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	23318	4.532	ug/L	89

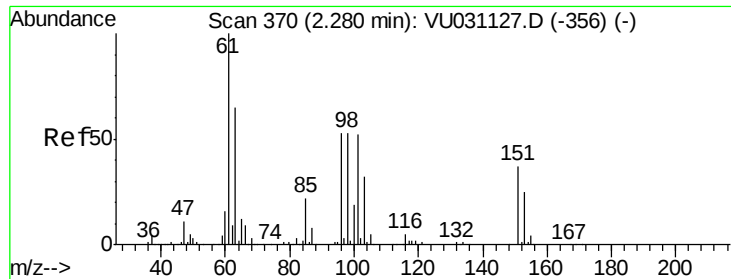
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.679 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031136.D

Acq: 12 Apr 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

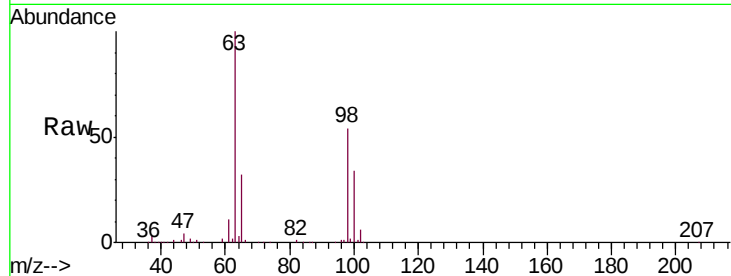
Tgt Ion: 101 Resp: 2280

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

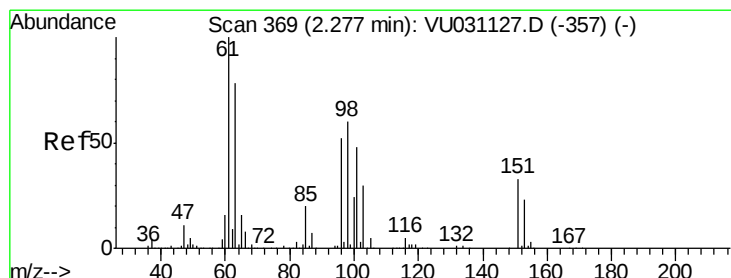
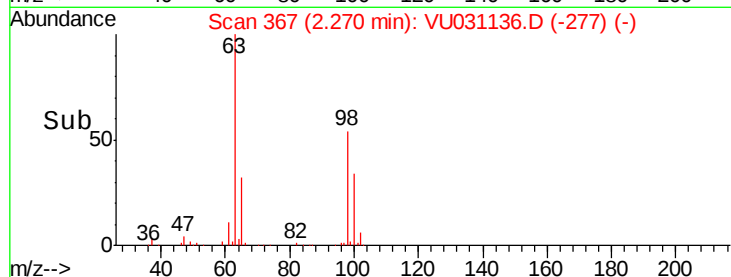
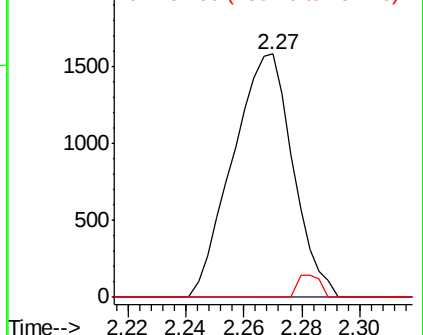
151 3.4 57.4 86.0#



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: 0.650 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031136.D

Acq: 12 Apr 2019 18:13

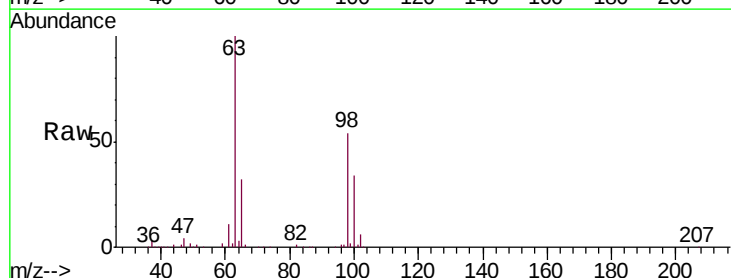
Tgt Ion: 96 Resp: 2106

Ion Ratio Lower Upper

96 100

61 1146.7 132.0 245.2#

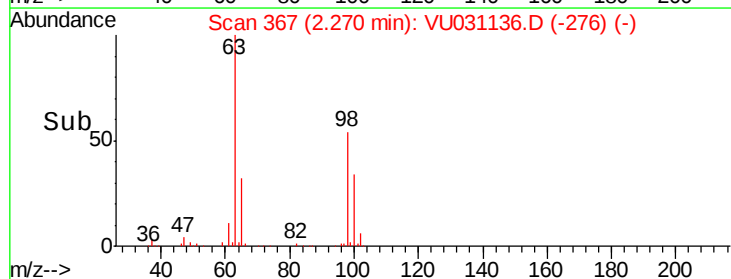
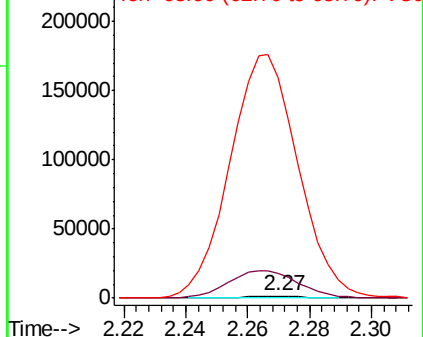
63 10014.6 90.9 168.9#

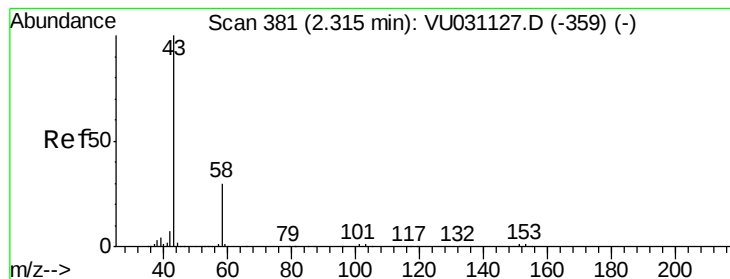


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.482 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

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Acq: 12 Apr 2019 18:13

Instrument :

MSVOA_U

ClientSampleId :

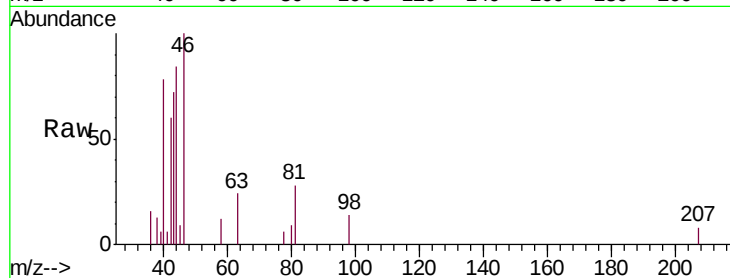
VHBLK02

Tgt Ion: 43 Resp: 1636

Ion Ratio Lower Upper

43 100

58 24.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031127.D (-359) (-)

Ion 58.00 (57.70 to 58.70): VU031127.D (-359) (-)

2.32

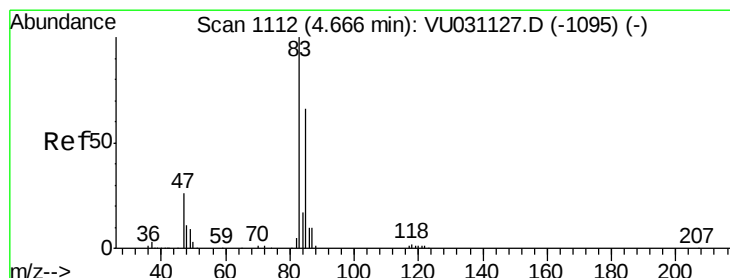
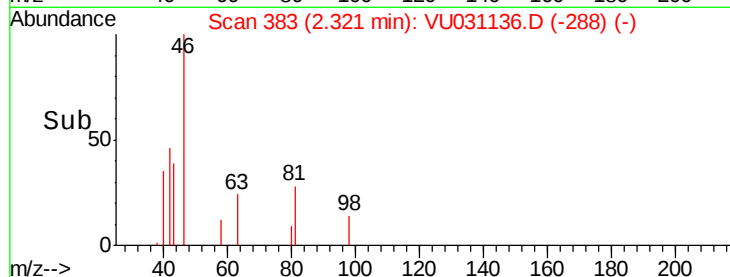
1000

500

0

Time-->

2.28 2.30 2.32 2.34



#25

Chloroform

Concen: 2.298 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031136.D

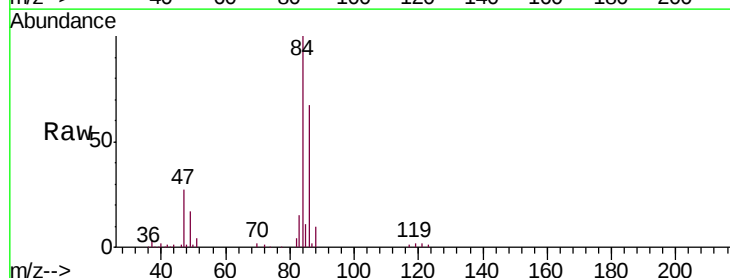
Acq: 12 Apr 2019 18:13

Tgt Ion: 83 Resp: 16397

Ion Ratio Lower Upper

83 100

85 72.8 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031127.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU031127.D (-1095) (-)

4.67

8000

6000

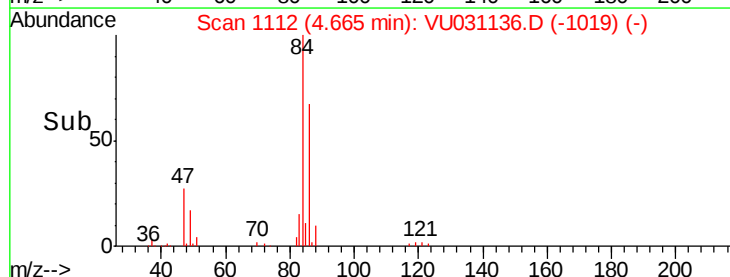
4000

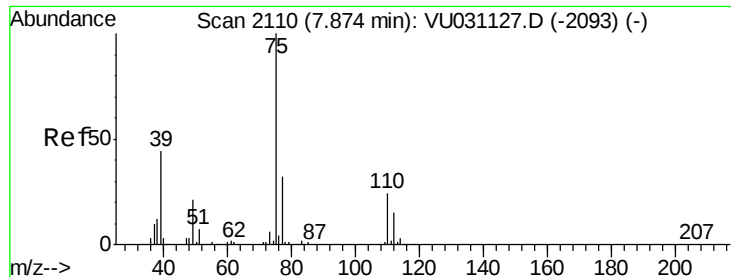
2000

0

Time-->

4.60 4.65 4.70





#44

trans-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031136.D

Acq: 12 Apr 2019 18:13

Instrument :

MSVOA_U

ClientSampled :

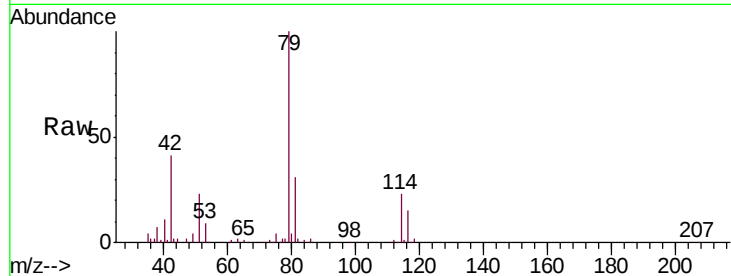
VHBLK02

Tgt Ion: 75 Resp: 4577

Ion Ratio Lower Upper

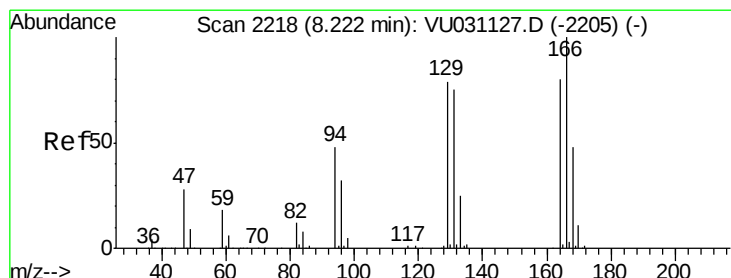
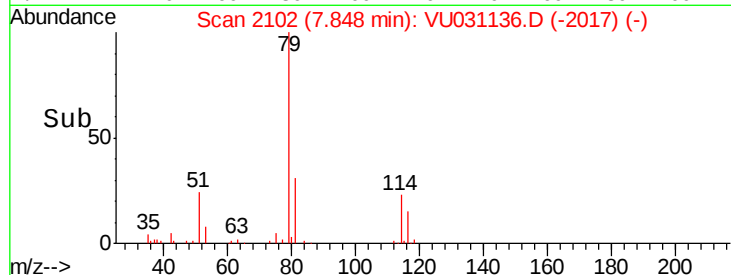
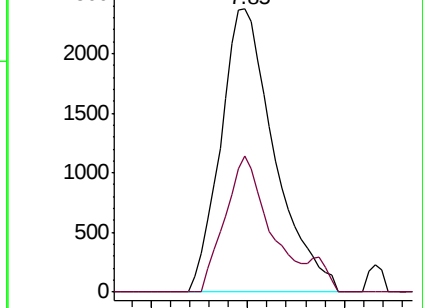
75 100

77 48.1 21.6 40.0#



Abundance Ion 75.00 (74.70 to 75.70): VU031127.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031127.D (-2093) (-)



#46

Tetrachloroethene

Concen: 0.455 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031136.D

Acq: 12 Apr 2019 18:13

Tgt Ion: 164 Resp: 1230

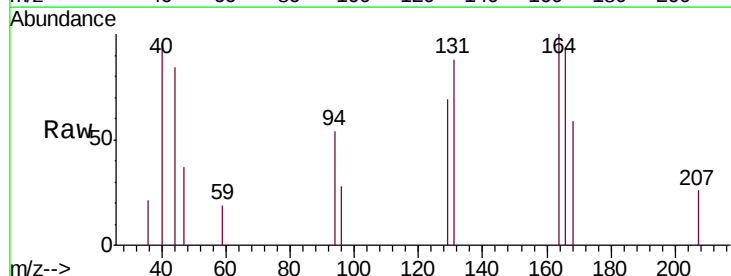
Ion Ratio Lower Upper

164 100

129 69.3 67.4 125.2

131 87.7 65.9 122.5

166 92.9 88.6 164.6

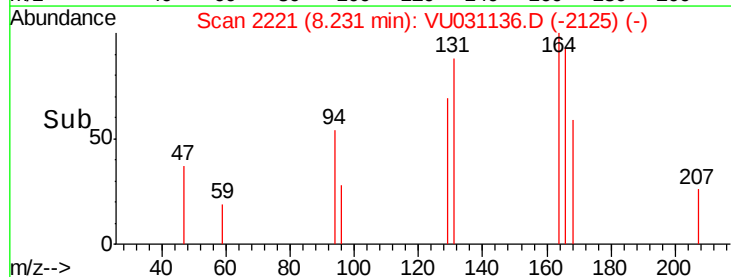
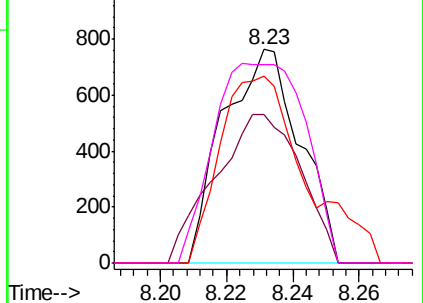


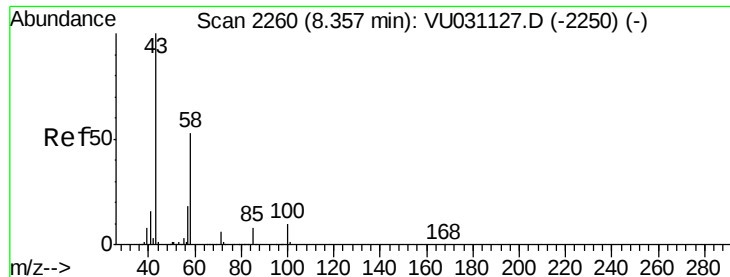
Abundance Ion 164.00 (163.70 to 164.70): VU031127.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU031127.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU031127.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU031127.D (-2205) (-)

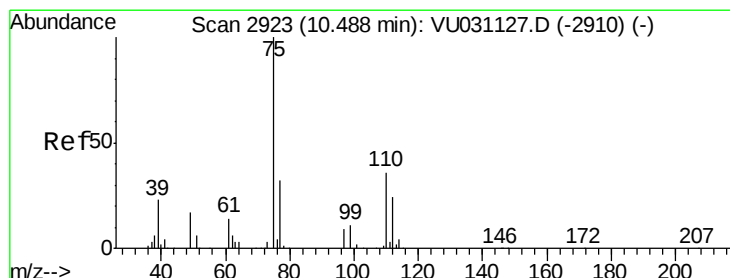
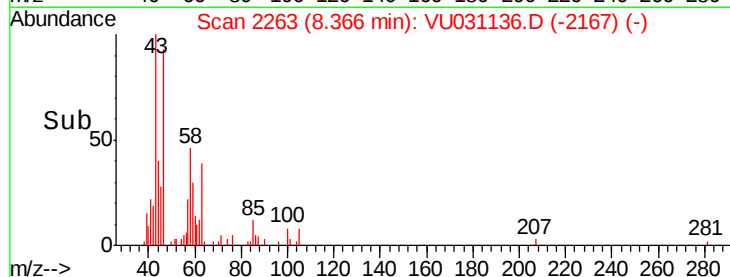
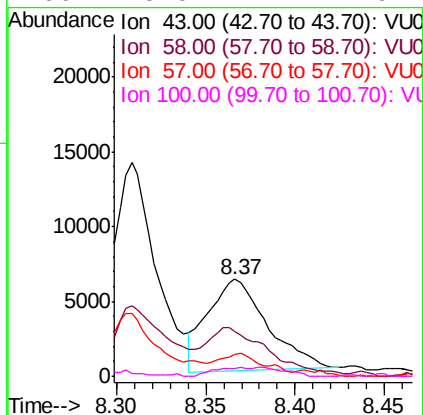
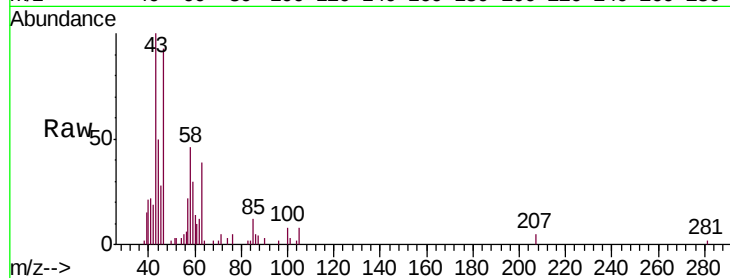




#48
 2-Hexanone
 Concen: 2.653 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031136.D
 Acq: 12 Apr 2019 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 14300
 Ion Ratio Lower Upper
 43 100
 58 54.0 41.9 62.9
 57 7.5 14.3 21.5#
 100 6.0 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.532 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031136.D
 Acq: 12 Apr 2019 18:13

Tgt Ion: 75 Resp: 23318
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.1 39.1

