

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031022.D
 Acq On : 10 Apr 2019 19:35
 Operator : JC/SP
 Sample : K2260-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 11 05:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	450539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	452283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186378	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	185511	46.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.26%
7) Chloroethane-d5	1.68	69	154796	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.42%
11) 1,1-Dichloroethene-d2	2.27	63	259288	35.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.28%
21) 2-Butanone-d5	4.17	46	336045	105.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	4.64	84	318282	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
26) 1,2-Dichloroethane-d4	5.31	65	222845	53.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.32%
32) Benzene-d6	5.34	84	629360	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
36) 1,2-Dichloropropane-d6	6.33	67	221086	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.72%
41) Toluene-d8	7.56	98	538828	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%
43) trans-1,3-Dichloropropene-	7.85	79	95474	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.31	63	196179	94.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310764	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	196847	53.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

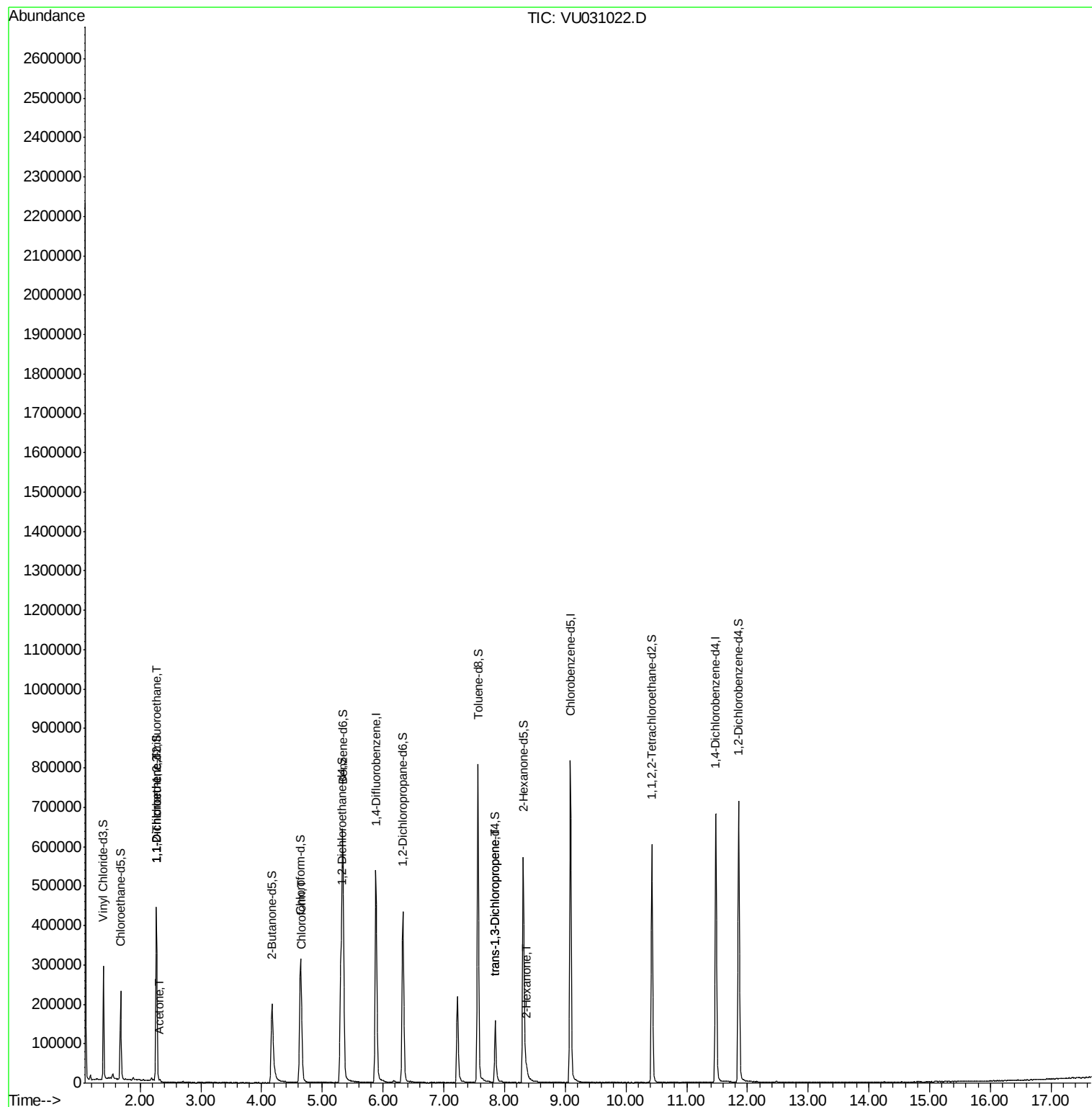
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2178	0.675	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	2053	0.659	ug/L #	1
13) Acetone	2.32	43	2710	0.831	ug/L	81
25) Chloroform	4.67	83	15069	2.197	ug/L	92
44) trans-1,3-Dichloropropene	7.85	75	3709	0.706	ug/L #	80
48) 2-Hexanone	8.37	43	11807	2.246	ug/L #	40

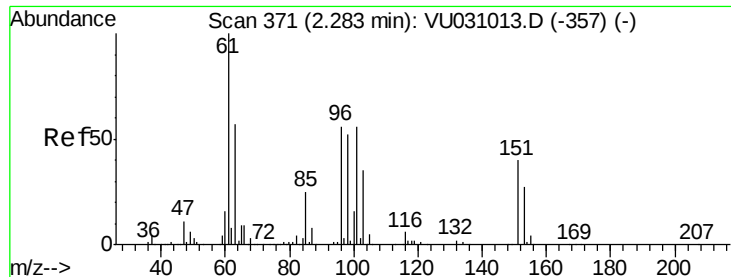
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 11 05:23:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration





#10

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

Concen: 0.675 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: VU031022.D

Acq: 10 Apr 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

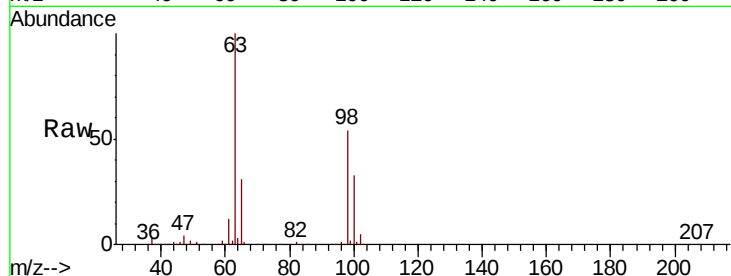
Tot Ion:101 Resp: 2178

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

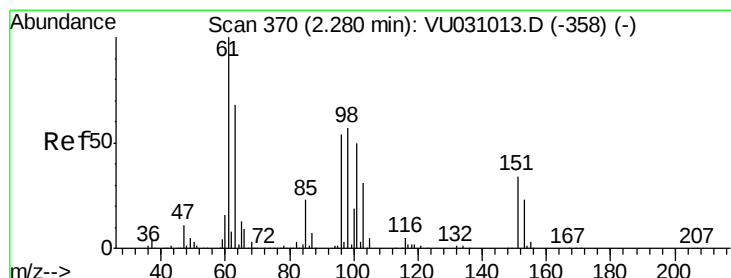
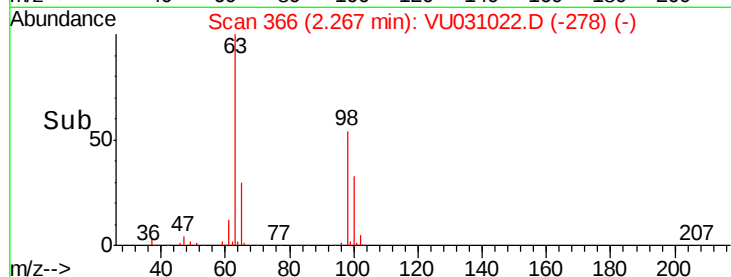
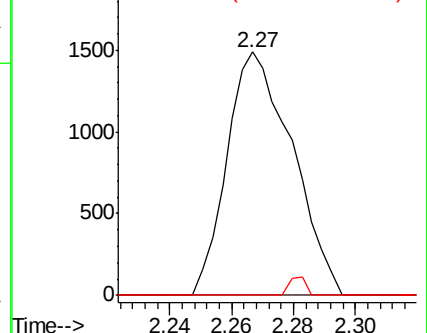
151 1.9 57.4 86.0#



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: 0.659 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031022.D

Acq: 10 Apr 2019 19:35

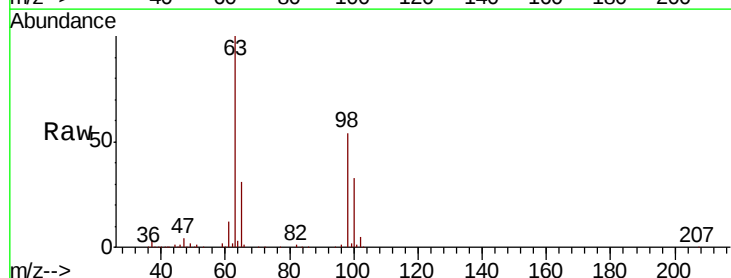
Tgt Ion: 96 Resp: 2053

Ion Ratio Lower Upper

96 100

61 1359.1 132.0 245.2#

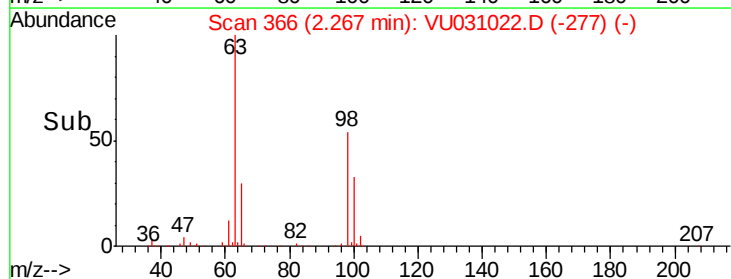
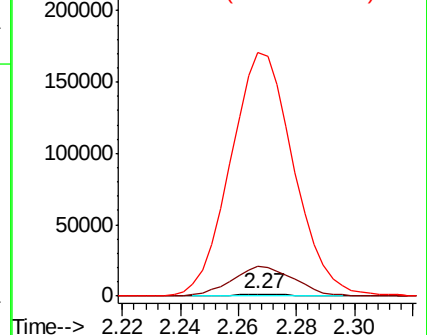
63 11296.4 90.9 168.9#

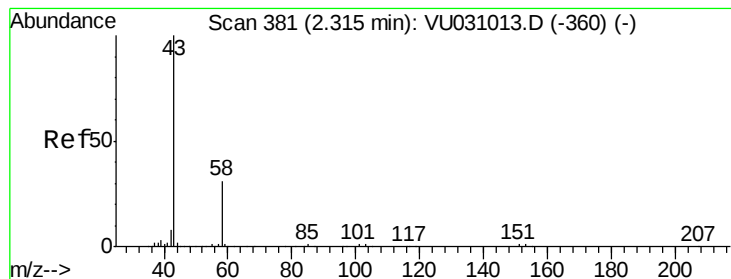


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.831 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VU031022.D

Acq: 10 Apr 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

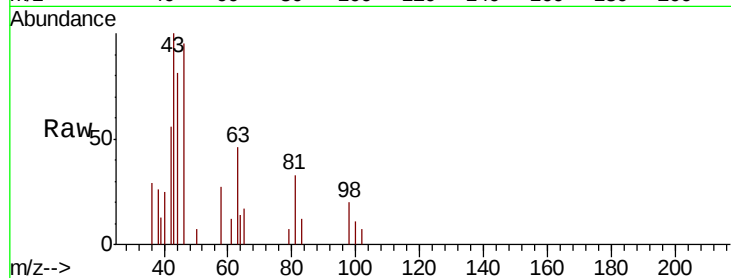
VHBLK02

Tot Ion: 43 Resp: 2710

Ion Ratio Lower Upper

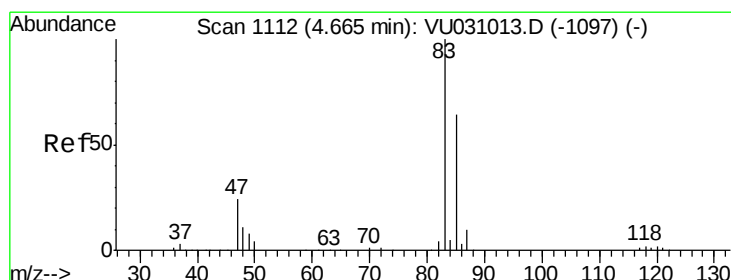
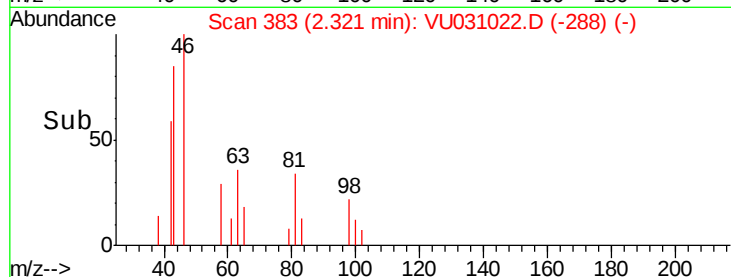
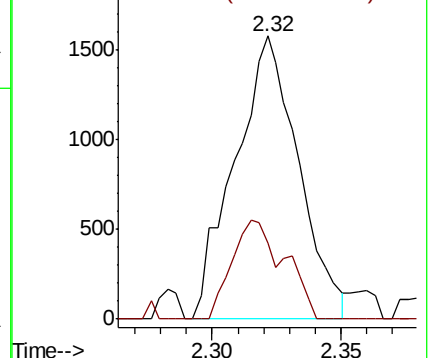
43 100

58 21.5 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031013.D (-360) (-)

Ion 58.00 (57.70 to 58.70): VU031013.D (-360) (-)



#25

Chloroform

Concen: 2.197 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU031022.D

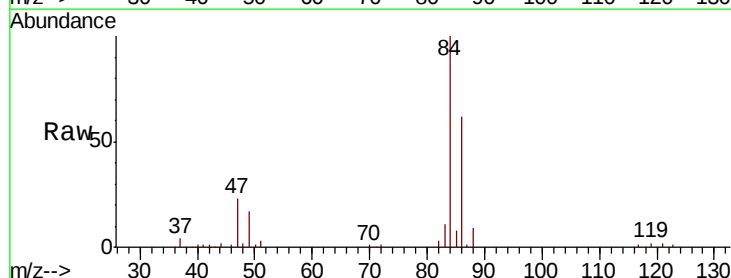
Acq: 10 Apr 2019 19:35

Tgt Ion: 83 Resp: 15069

Ion Ratio Lower Upper

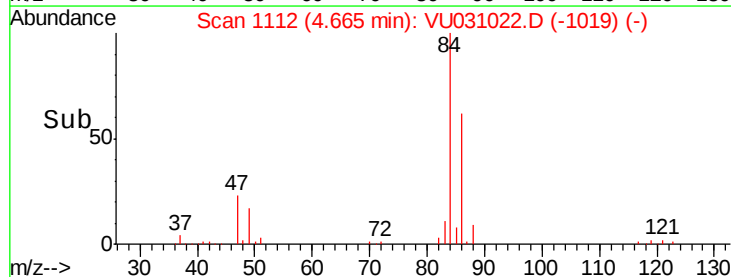
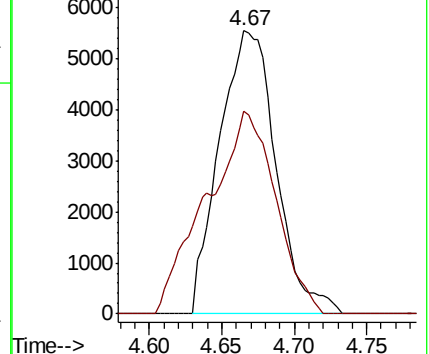
83 100

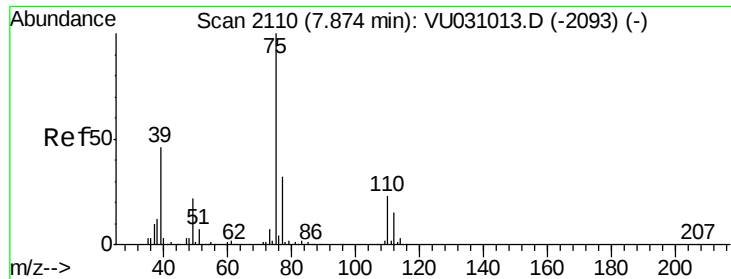
85 71.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU031013.D (-1097) (-)

Ion 85.00 (84.70 to 85.70): VU031013.D (-1097) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031022.D

Acq: 10 Apr 2019 19:35

Instrument :

MSVOA_U

ClientSampleId :

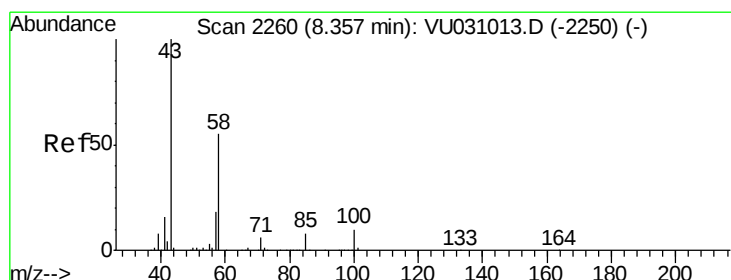
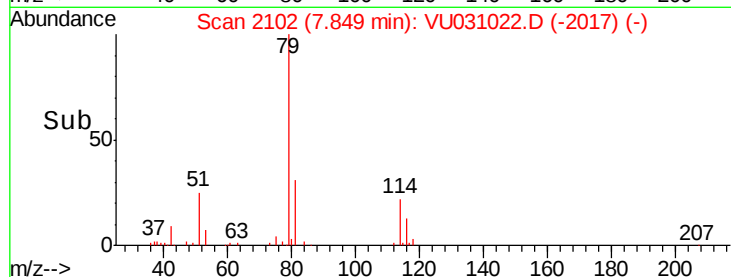
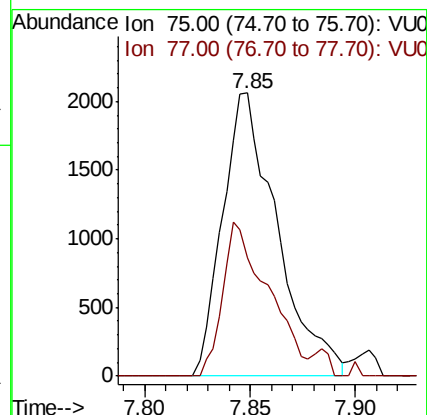
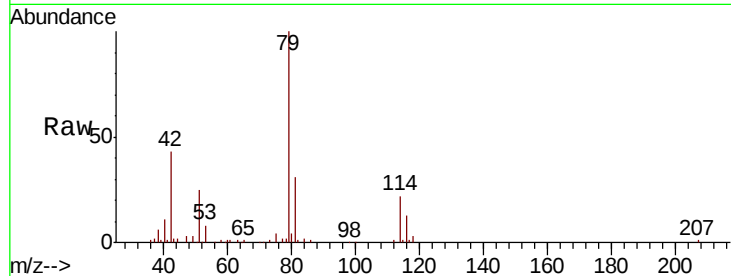
VHBLK02

Tot Ion: 75 Resp: 3709

Ion Ratio Lower Upper

75 100

77 41.8 21.6 40.0#



#48

2-Hexanone

Concen: 2.246 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031022.D

Acq: 10 Apr 2019 19:35

Tgt Ion: 43 Resp: 11807

Ion Ratio Lower Upper

43 100

58 0.0 41.9 62.9#

57 0.0 14.3 21.5#

100 2.9 7.1 10.7#

