

Data File : VU030822.D
Acq On : 06 Apr 2019 23:58
Operator : JC/SP
Sample : K2271-24
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Apr 08 07:07:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Apr 08 07:03:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481109	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468236	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	186424	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	224381	52.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.50%
7) Chloroethane-d5	1.68	69	176497	54.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.30%
11) 1,1-Dichloroethene-d2	2.27	63	312620	40.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.50%
21) 2-Butanone-d5	4.17	46	372892	109.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.55%
24) Chloroform-d	4.64	84	327380	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.31	65	241556	53.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.92%
32) Benzene-d6	5.34	84	709014	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
36) 1,2-Dichloropropane-d6	6.33	67	245583	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.84%
41) Toluene-d8	7.56	98	611117	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	7.85	79	101379	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	231114	107.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324416	51.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	201658	55.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

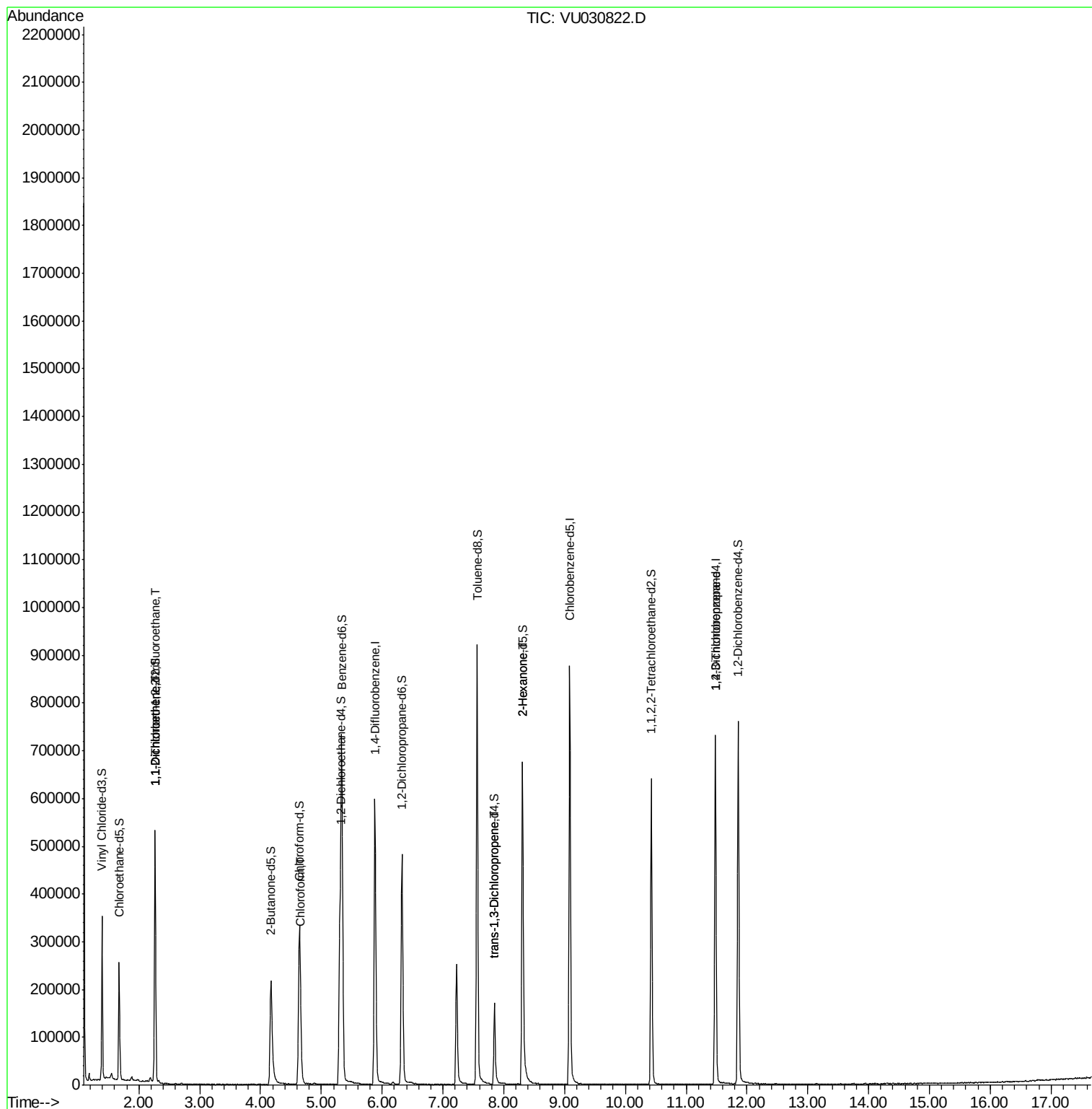
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2690	0.781 ug/L #	20
12) 1,1-Dichloroethene	2.26	96	2286	0.687 ug/L #	1
25) Chloroform	4.67	83	30104	4.110 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3363	0.618 ug/L #	58
48) 2-Hexanone	8.31	43	28065	5.156 ug/L #	73
59) 1,2,3-Trichloropropane	11.48	75	24885	4.789 ug/L	96

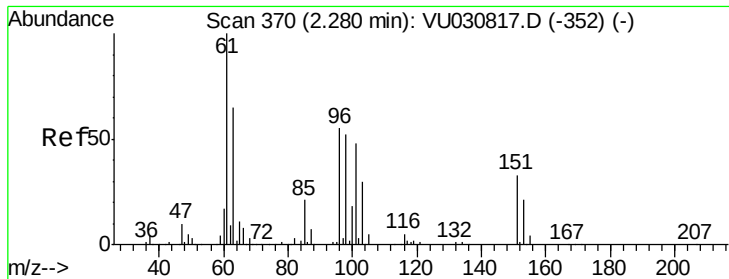
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.781 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

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VHBLK01

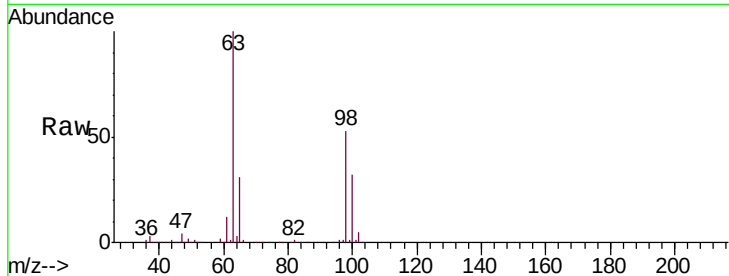
Tgt Ion: 101 Resp: 2690

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

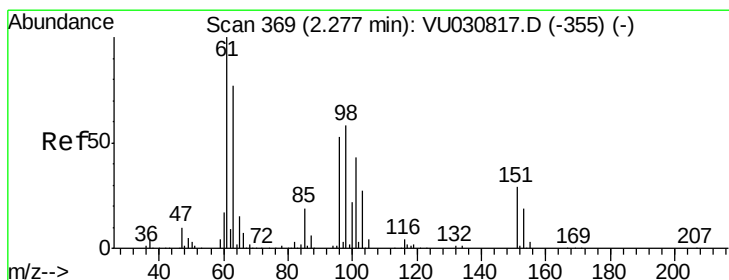
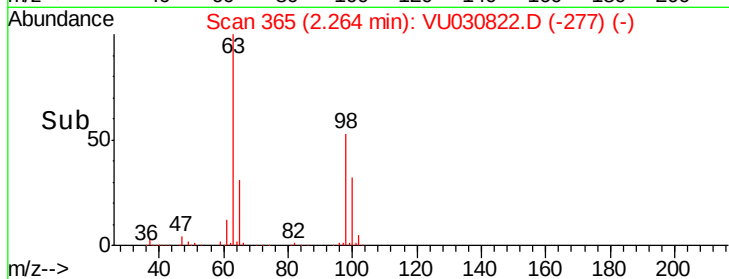
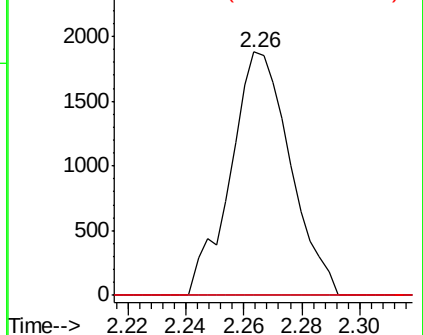
151 0.0 57.4 86.0#



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: 0.687 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

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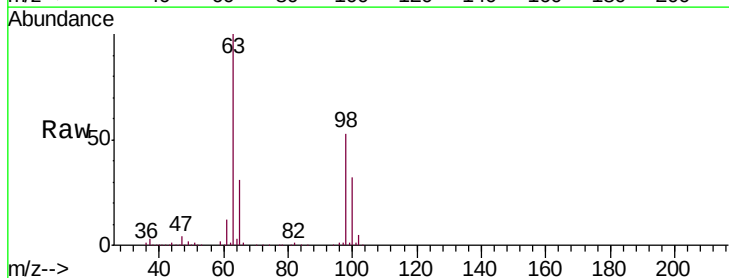
Tgt Ion: 96 Resp: 2286

Ion Ratio Lower Upper

96 100

61 1971.6 132.0 245.2#

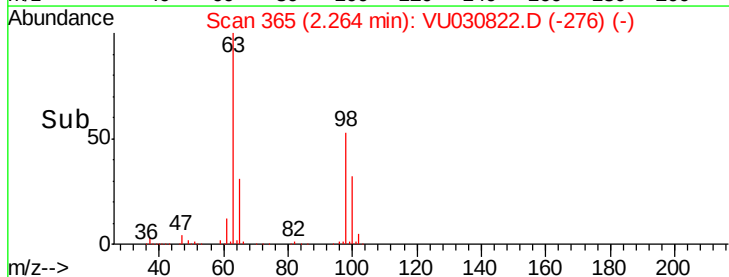
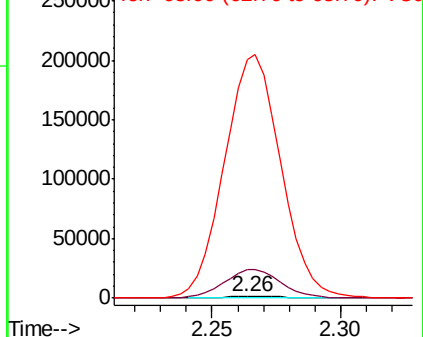
63 16717.9 90.9 168.9#

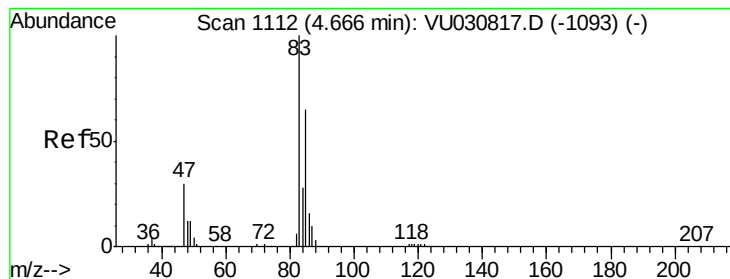


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 4.110 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

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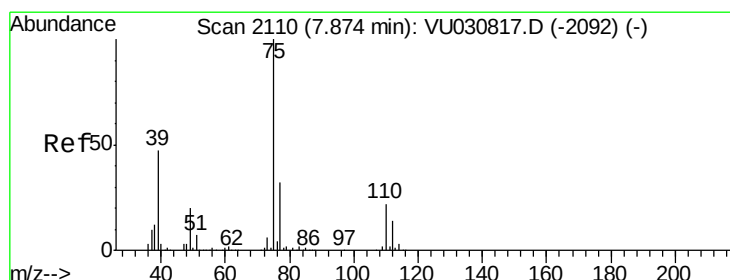
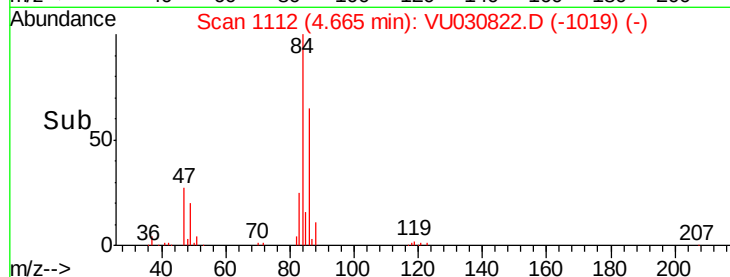
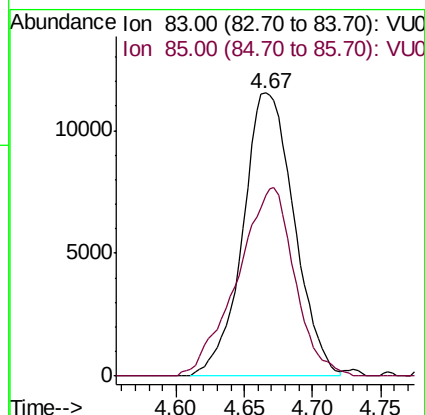
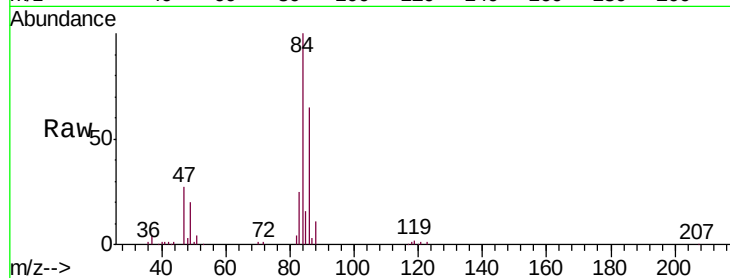
VHBLK01

Tgt Ion: 83 Resp: 30104

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0



#44

trans-1,3-Dichloropropene

Concen: 0.618 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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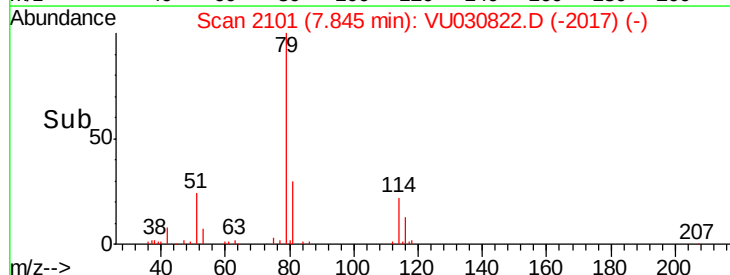
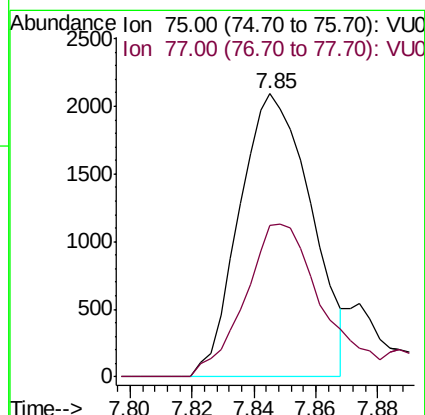
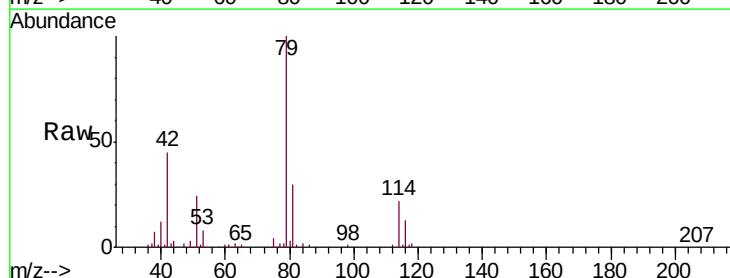
Acq: 06 Apr 2019 23:58

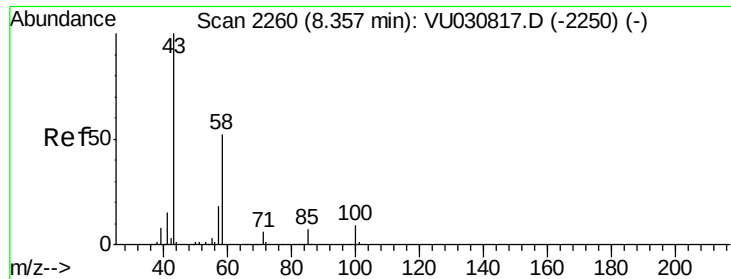
Tgt Ion: 75 Resp: 3363

Ion Ratio Lower Upper

75 100

77 53.6 21.6 40.0#

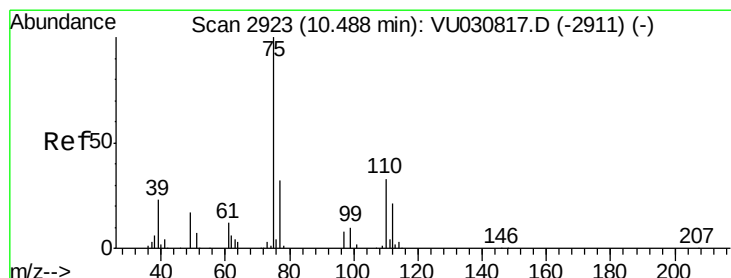
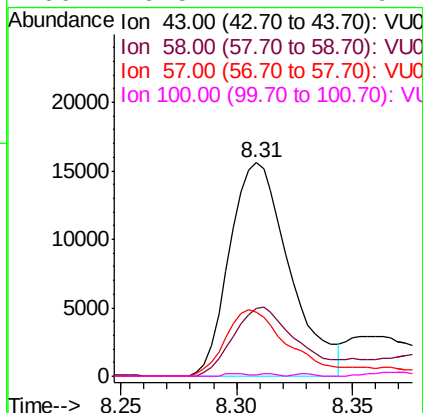
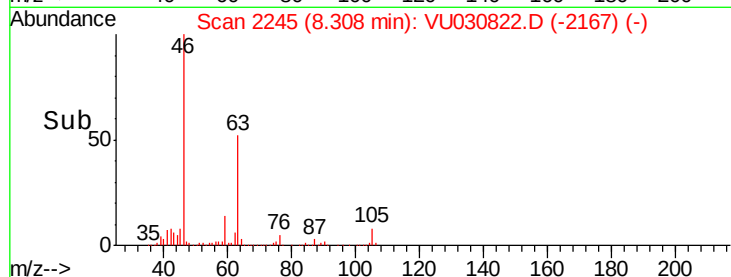
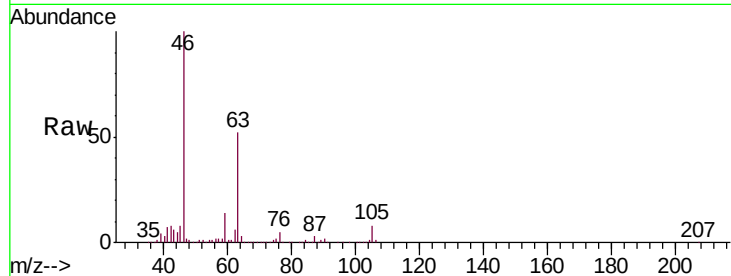




#48
 2-Hexanone
 Concen: 5.156 ug/L
 RT: 8.31 min Scan# 2245
 Delta R.T. -0.05 min
 Lab File: VU030822.D
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 VHBLK01

Tgt Ion: 43 Resp: 28065
 Ion Ratio Lower Upper
 43 100
 58 33.7 41.9 62.9#
 57 32.0 14.3 21.5#
 100 0.5 7.1 10.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.789 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU030822.D
 Acq: 06 Apr 2019 23:58

Tgt Ion: 75 Resp: 24885
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.1 39.1

