

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030730.D
 Acq On : 05 Apr 2019 10:04
 Operator : JC/SP
 Sample : VIBLK41
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: Apr 05 23:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	485252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	477033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	205678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	198988	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.88%
7) Chloroethane-d5	1.68	69	159658	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.27	63	285471	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	4.17	46	330665	96.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.64	84	315486	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	5.30	65	223156	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
32) Benzene-d6	5.33	84	669599	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.32	67	230572	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.62%
41) Toluene-d8	7.56	98	584490	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%
43) trans-1,3-Dichloropropene-	7.85	79	101960	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	8.31	63	204608	93.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303419	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	203316	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

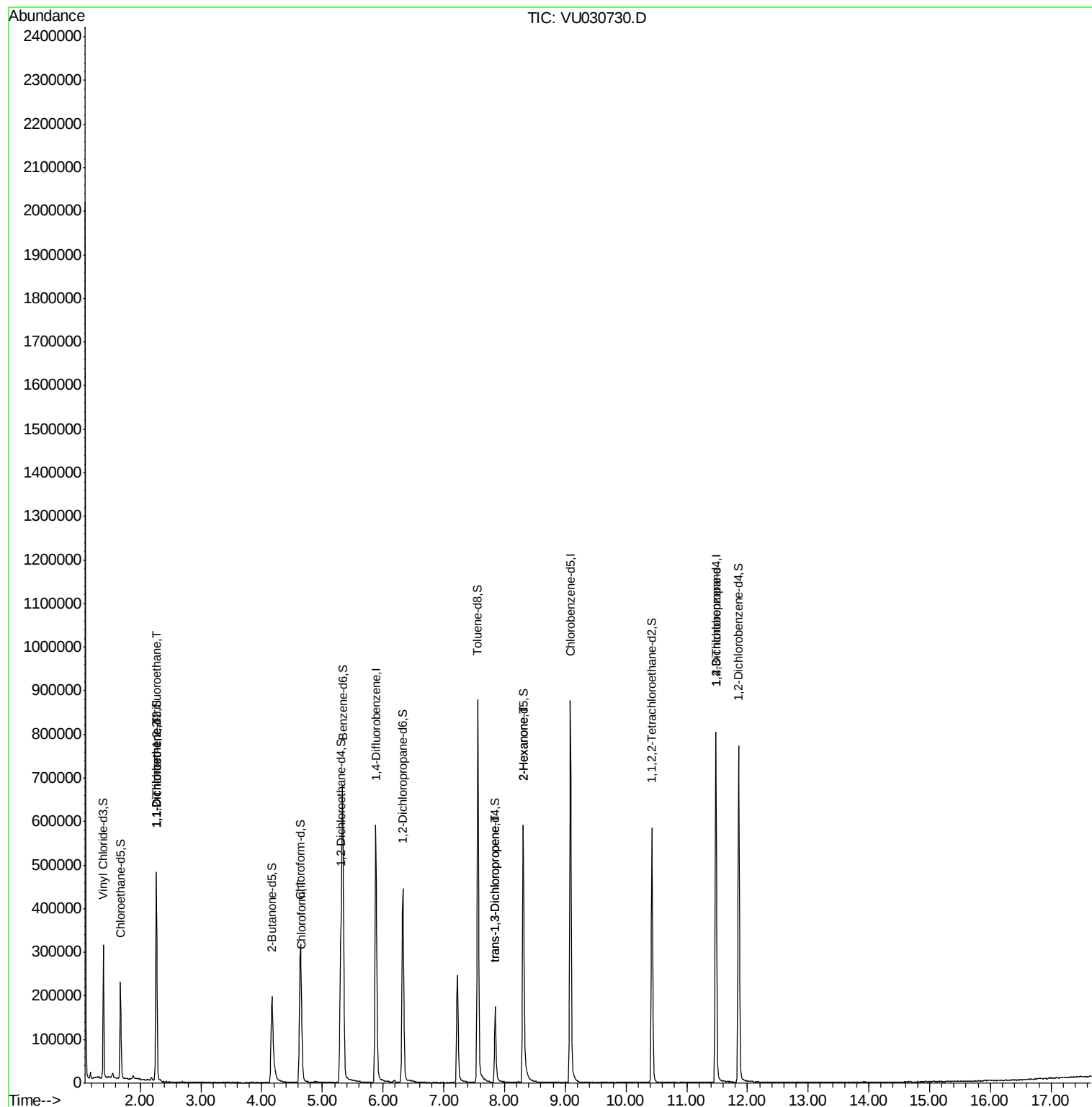
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2177	0.627 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2691	0.802 ug/L #	1
25) Chloroform	4.67	83	10538	1.427 ug/L	89
44) trans-1,3-Dichloropropene	7.85	75	3972	0.716 ug/L	100
48) 2-Hexanone	8.31	43	24898	4.490 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	25654	4.846 ug/L #	84

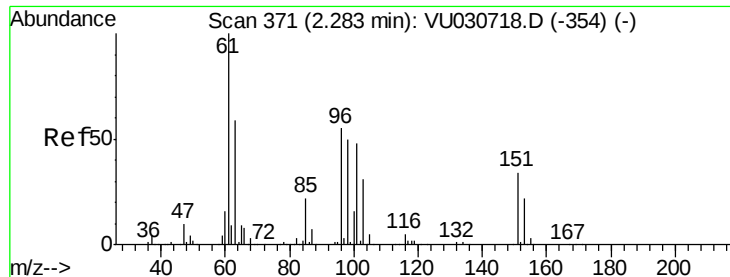
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.627 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030730.D

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VIBLK41

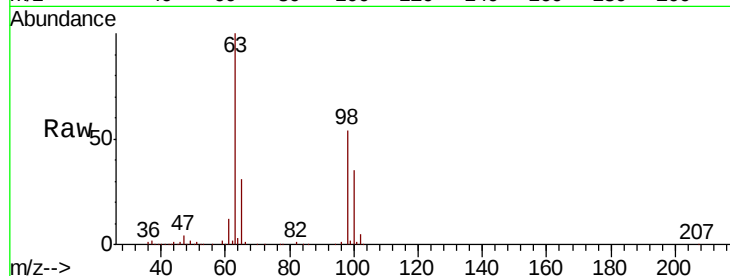
Tot Ion:101 Resp: 2177

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

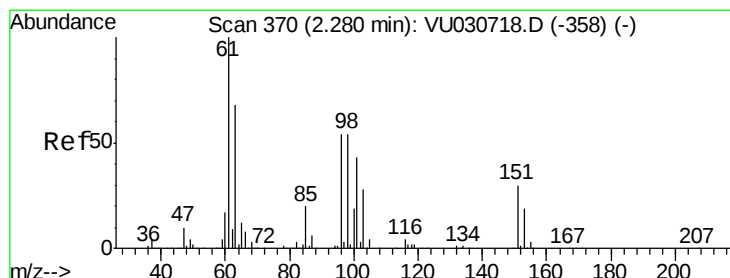
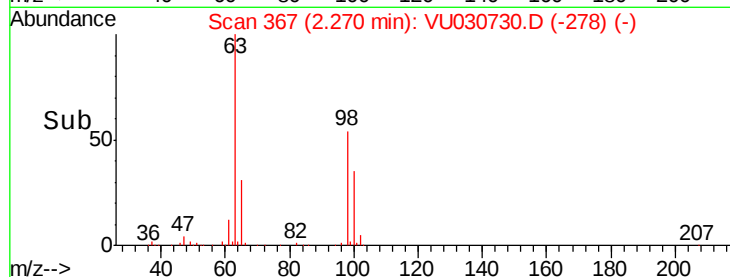
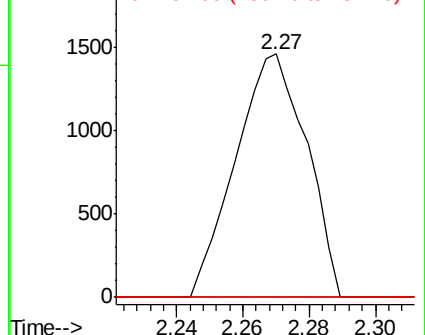
151 0.0 57.4 86.0#



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: 0.802 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU030730.D

Acq: 05 Apr 2019 10:04

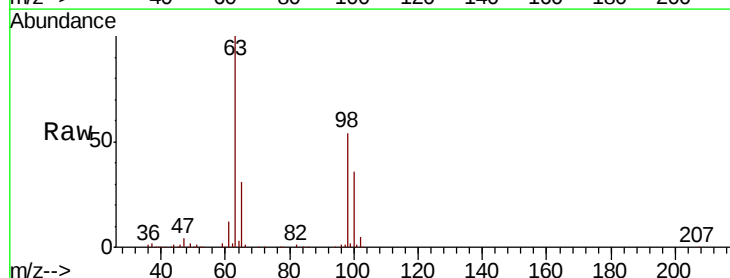
Tgt Ion: 96 Resp: 2691

Ion Ratio Lower Upper

96 100

61 1117.9 132.0 245.2#

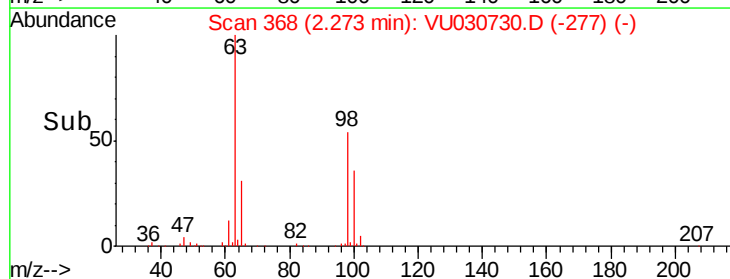
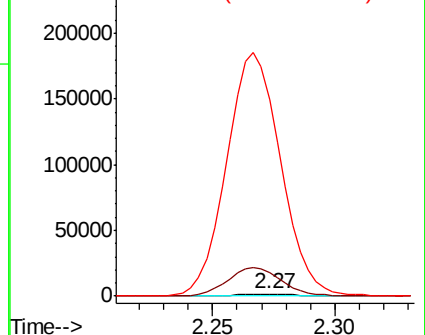
63 9635.0 90.9 168.9#

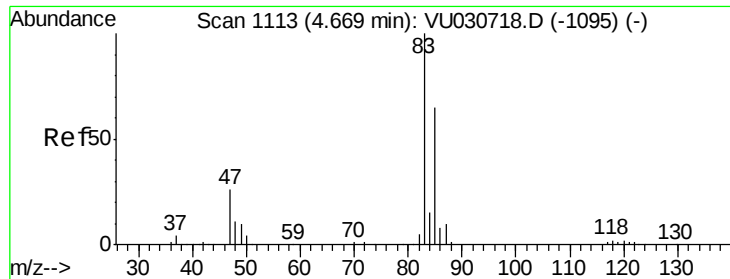


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

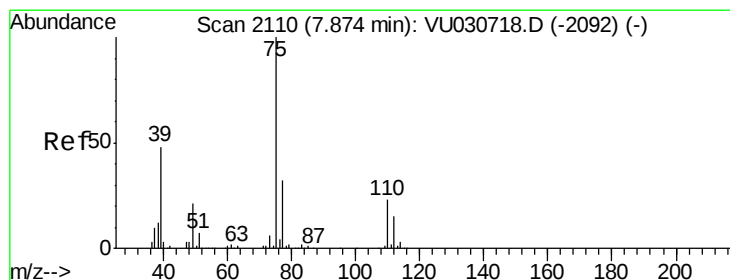
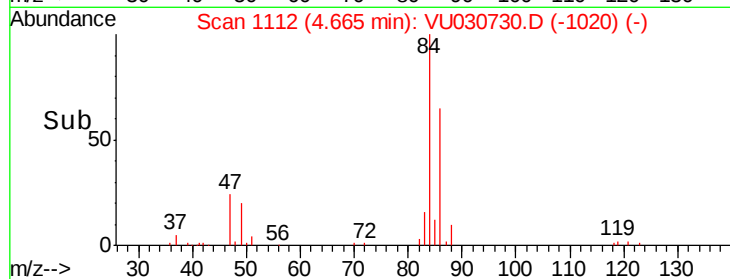
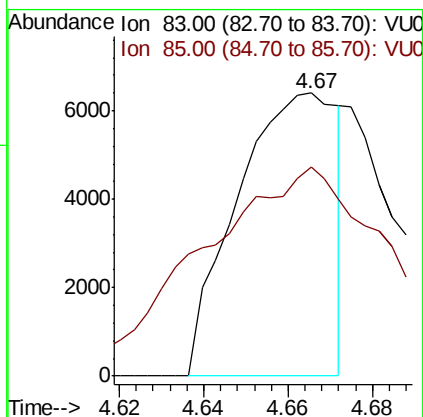
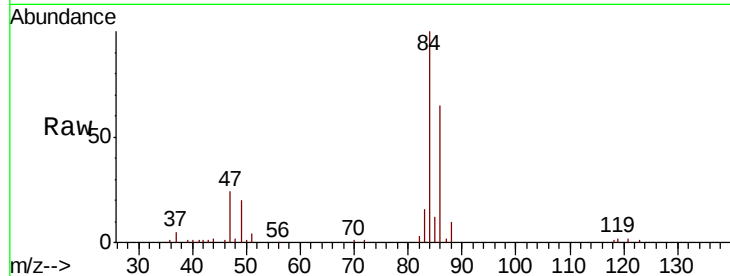




#25
Chloroform
Concen: 1.427 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030730.D
Acq: 05 Apr 2019 10:04

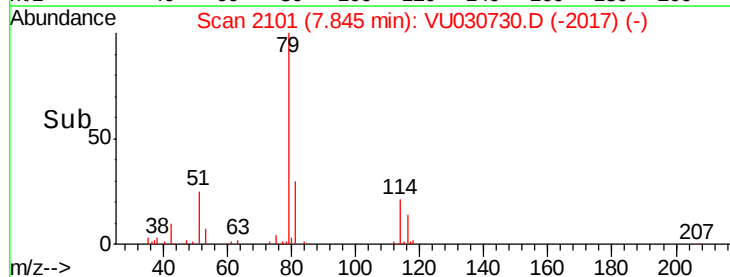
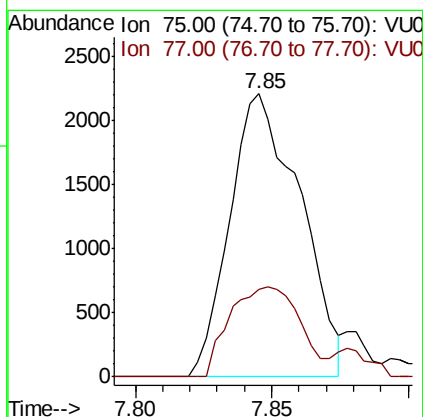
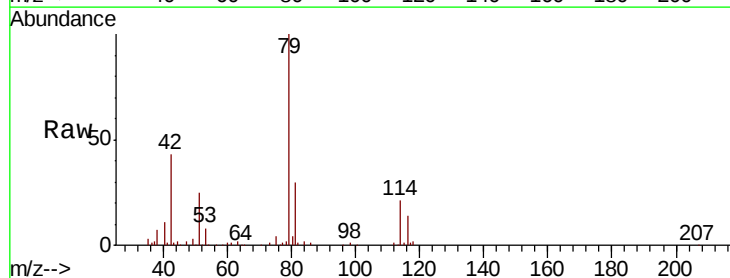
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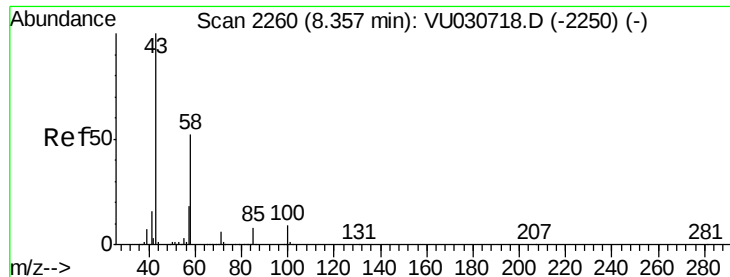
Tot Ion: 83 Resp: 10538
Ion Ratio Lower Upper
83 100
85 73.9 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030730.D
Acq: 05 Apr 2019 10:04

Tgt Ion: 75 Resp: 3972
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.0

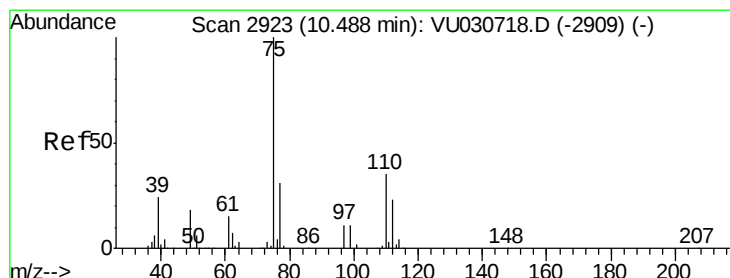
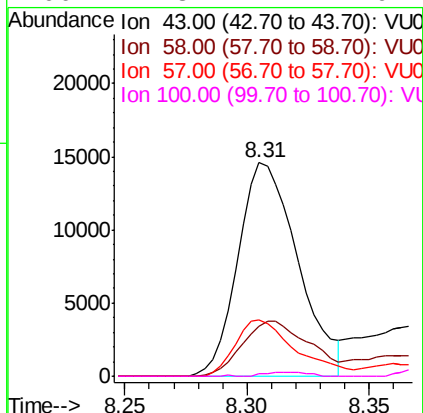
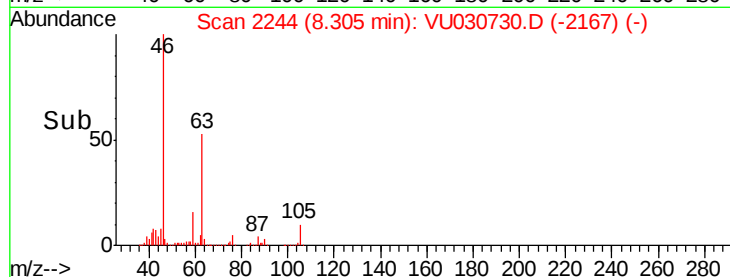
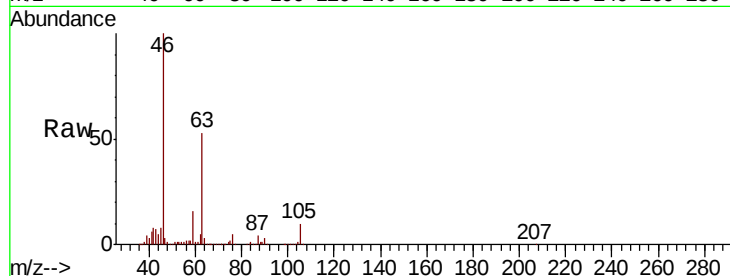




#48
2-Hexanone
Concen: 4.490 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU030730.D
Acq: 05 Apr 2019 10:04

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tot Ion: 43 Resp: 24898
Ion Ratio Lower Upper
43 100
58 28.8 41.9 62.9#
57 26.7 14.3 21.5#
100 1.3 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.846 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU030730.D
Acq: 05 Apr 2019 10:04

Tgt Ion: 75 Resp: 25654
Ion Ratio Lower Upper
75 100
77 41.5 26.1 39.1#

