

Data File : VU033040.D
Acq On : 25 Jun 2019 09:25
Operator : JC/SP
Sample : K3463-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 26 07:09:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186365	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184291	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50404	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.14%
7) Chloroethane-d5	1.68	69	45797	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.18%
11) 1,1-Dichloroethene-d2	2.26	63	83740	32.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.28%
21) 2-Butanone-d5	4.17	46	121739	114.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.84%
24) Chloroform-d	4.64	84	122719	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.30	65	89252	54.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.24%
32) Benzene-d6	5.33	84	232338	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	6.32	67	78187	51.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.18%
41) Toluene-d8	7.56	98	211096	46.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.84%
43) trans-1,3-Dichloropropene-	7.84	79	37391	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.94%
47) 2-Hexanone-d5	8.31	63	69468	97.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.21%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118377	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	86967	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%

Target Compounds

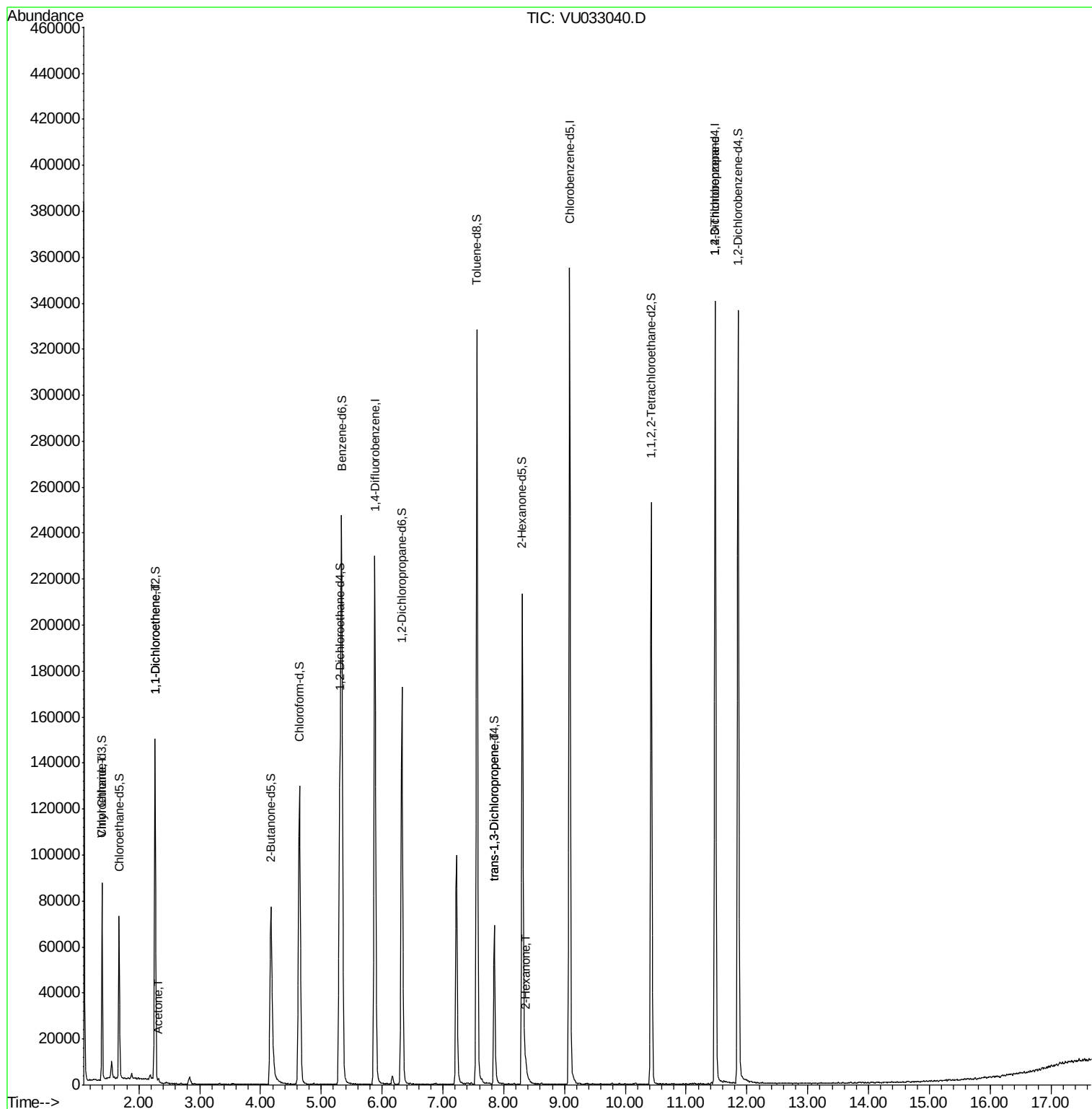
					Qvalue
8) Chloroethane	1.40	64	847	0.869 ug/L #	1
12) 1,1-Dichloroethene	2.27	96	666	0.567 ug/L #	1
13) Acetone	2.32	43	721	0.492 ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	2156	1.012 ug/L #	77
48) 2-Hexanone	8.36	43	3369	1.642 ug/L #	43
59) 1,2,3-Trichloropropane	11.48	75	11276	5.802 ug/L #	87

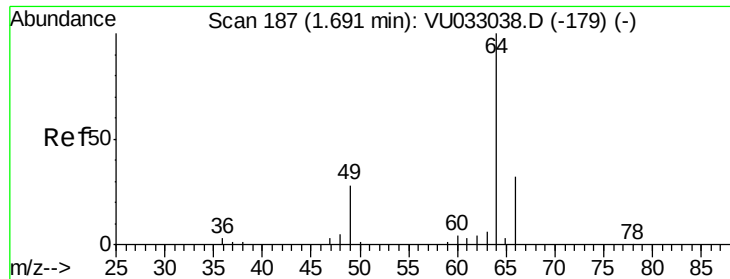
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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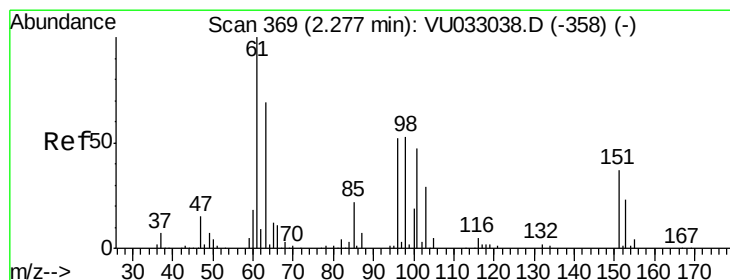
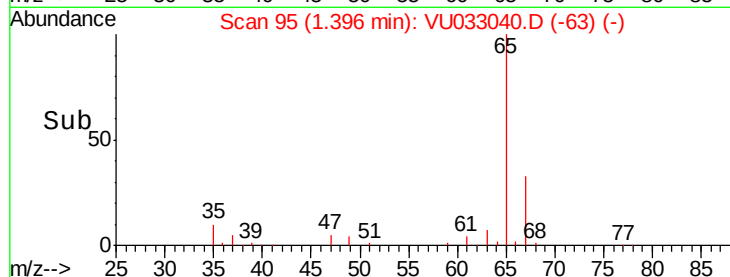
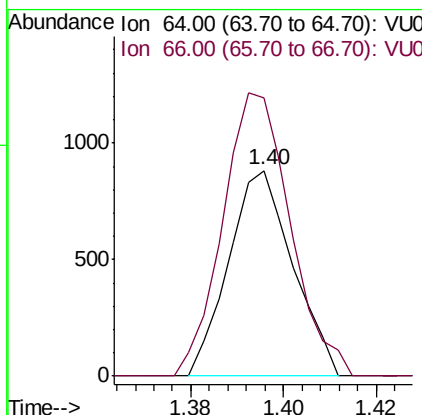
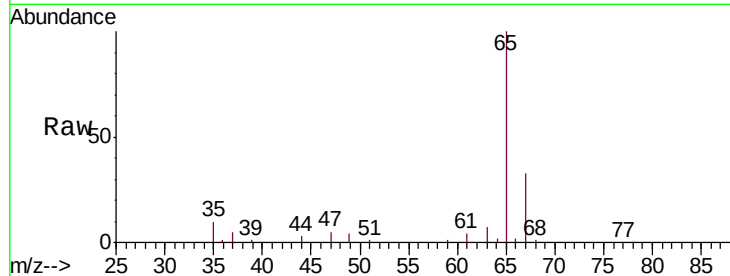




#8
 Chloroethane
 Concen: 0.869 ug/L
 RT: 1.40 min Scan# 95
 Delta R.T. -0.30 min
 Lab File: VU033040.D
 Acq: 25 Jun 2019 09:25

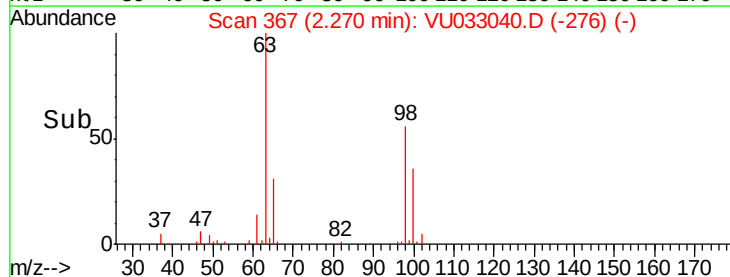
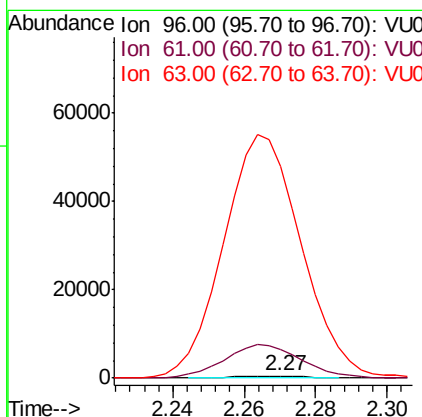
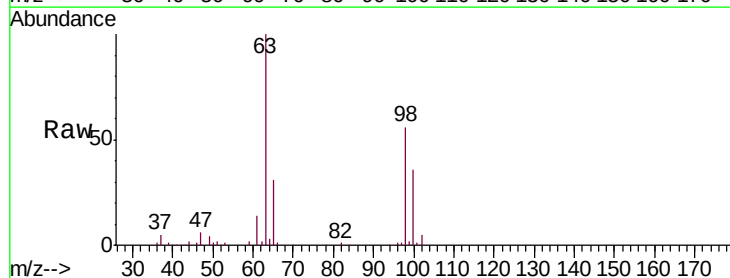
Instrument :
 MSVOA_U
 ClientSampled :
 VHBLK01

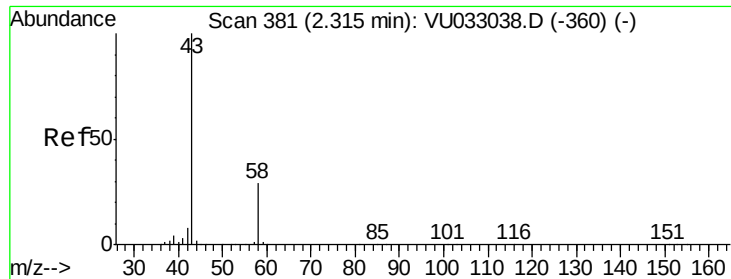
Tgt Ion: 64 Resp: 847
 Ion Ratio Lower Upper
 64 100
 66 135.2 22.5 41.7#



#12
 1,1-Dichloroethene
 Concen: 0.567 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU033040.D
 Acq: 25 Jun 2019 09:25

Tgt Ion: 96 Resp: 666
 Ion Ratio Lower Upper
 96 100
 61 1422.1 131.0 243.4#
 63 10400.0 101.0 187.6#





#13

Acetone

Concen: 0.492 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU033040.D

Acq: 25 Jun 2019 09:25

Instrument :

MSVOA_U

ClientSampleId :

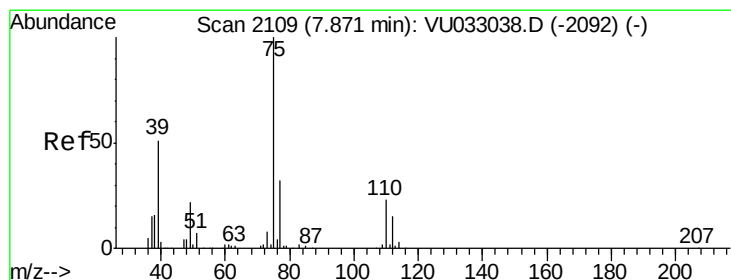
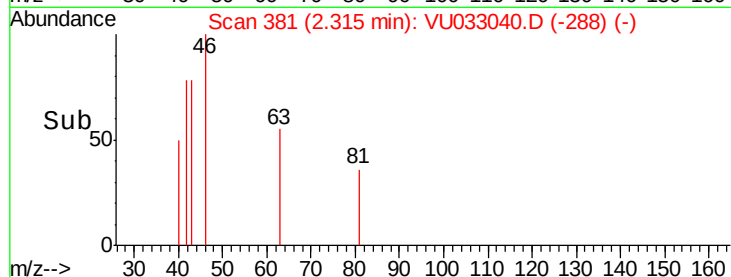
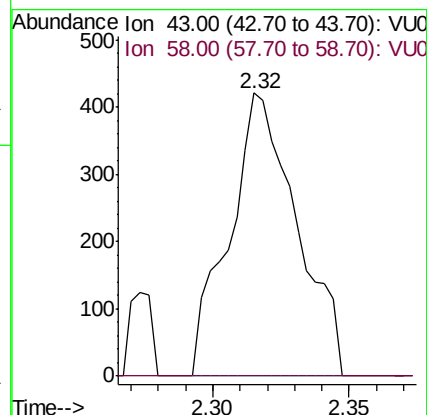
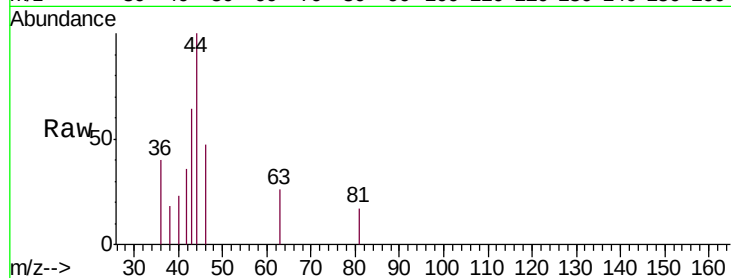
VHBLK01

Tgt Ion: 43 Resp: 721

Ion Ratio Lower Upper

43 100

58 0.0 0.0 60.6



#44

trans-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.02 min

Lab File: VU033040.D

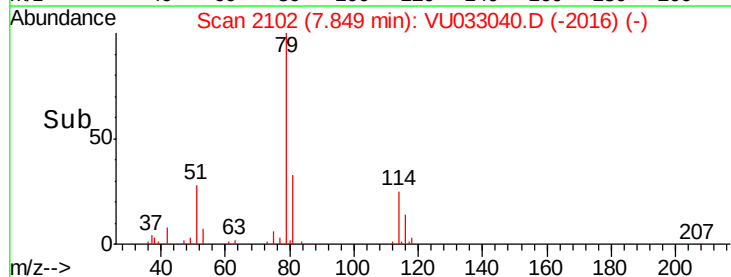
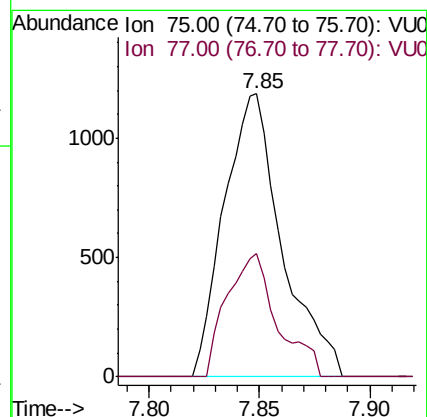
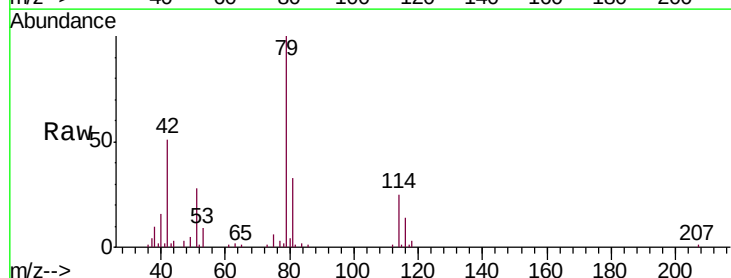
Acq: 25 Jun 2019 09:25

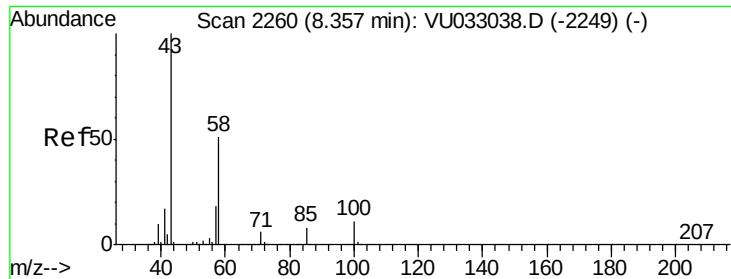
Tgt Ion: 75 Resp: 2156

Ion Ratio Lower Upper

75 100

77 43.5 21.8 40.4#

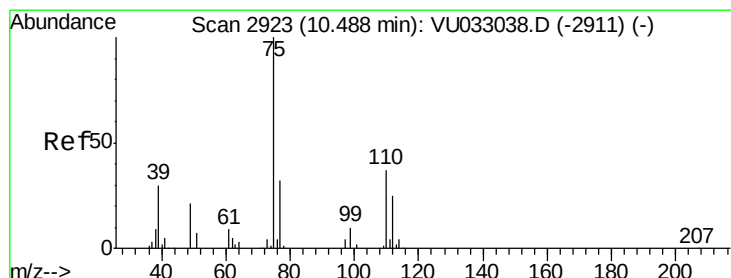
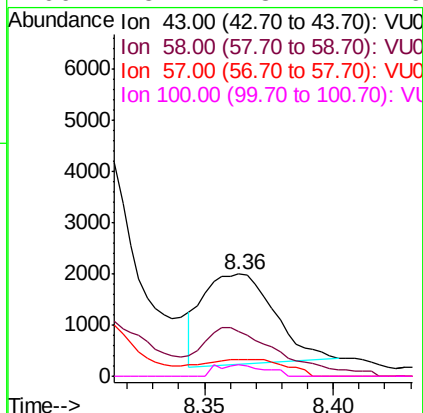
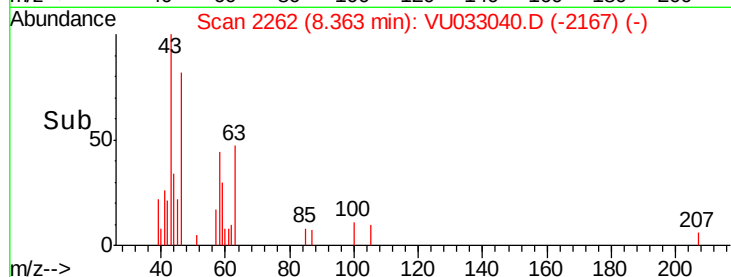
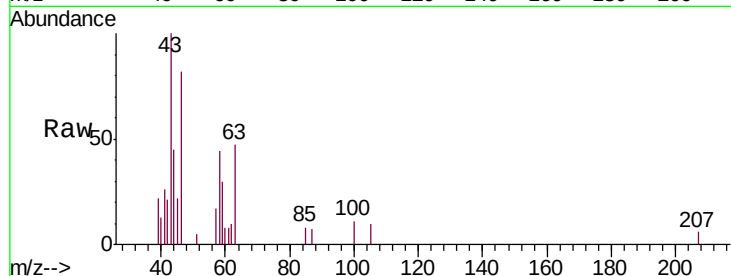




#48
2-Hexanone
Concen: 1.642 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU033040.D
Acq: 25 Jun 2019 09:25

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 3369
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 1.2 14.2 21.4#
100 5.1 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 5.802 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU033040.D
Acq: 25 Jun 2019 09:25

Tgt Ion: 75 Resp: 11276
Ion Ratio Lower Upper
75 100
77 39.2 25.5 38.3#

