

Data File : VU033042.D
Acq On : 25 Jun 2019 10:11
Operator : JC/SP
Sample : K3464-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 26 07:09:48 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	184196	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	181185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83867	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	51318	40.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.54%
7) Chloroethane-d5	1.68	69	46634	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.90%
11) 1,1-Dichloroethene-d2	2.26	63	85103	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.17	46	124556	118.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.88%
24) Chloroform-d	4.64	84	125103	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
26) 1,2-Dichloroethane-d4	5.30	65	87841	53.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.78%
32) Benzene-d6	5.33	84	237899	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
36) 1,2-Dichloropropane-d6	6.32	67	79152	52.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.22%
41) Toluene-d8	7.56	98	214497	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.85	79	37941	48.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.96%
47) 2-Hexanone-d5	8.31	63	69860	99.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	115822	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	86066	53.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.06%

Target Compounds

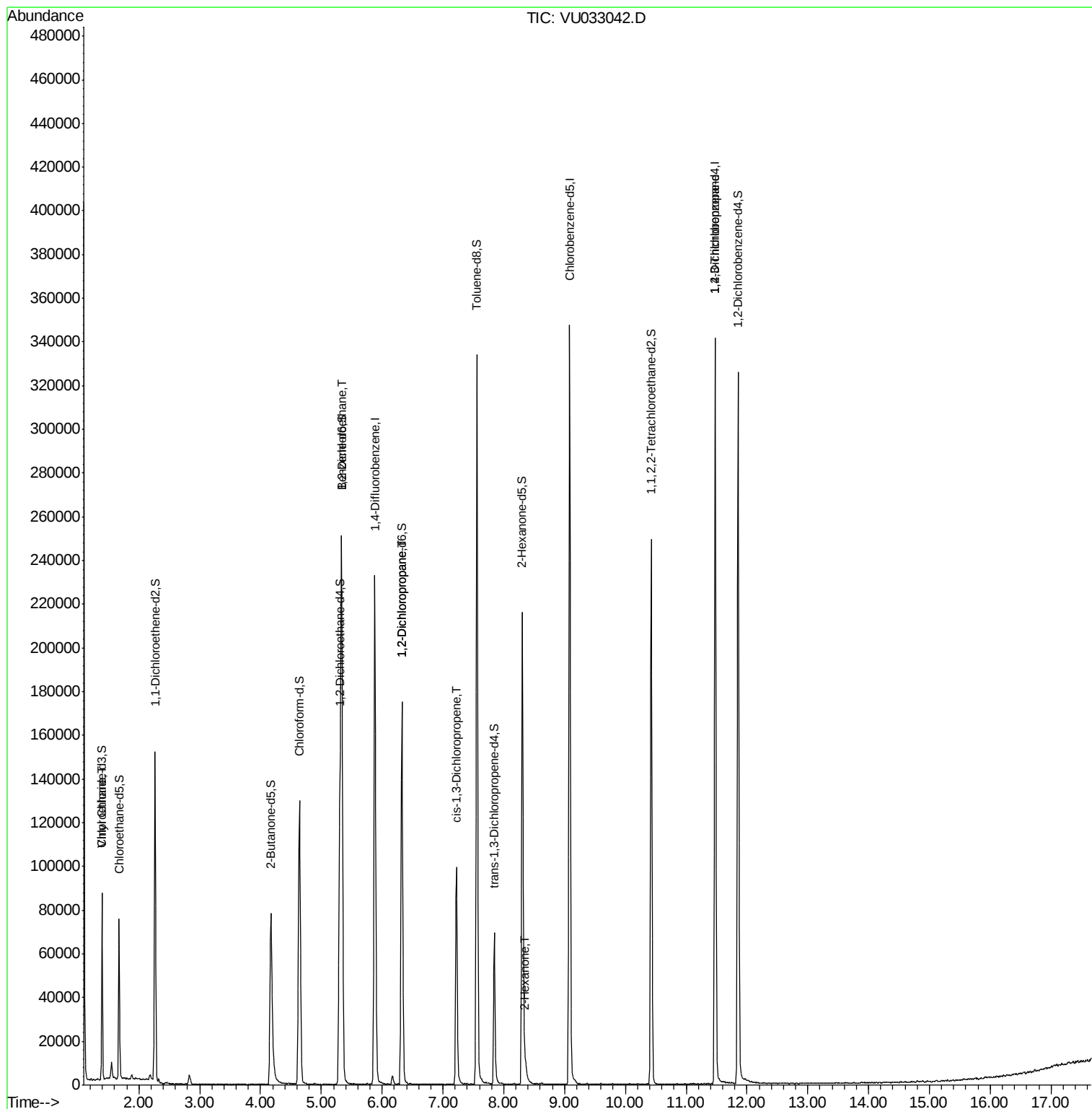
					Qvalue	
8) Chloroethane	1.40	64	820	0.852	ug/L #	1
27) 1,2-Dichloroethane	5.33	62	1525	0.751	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9508	6.641	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2682	1.202	ug/L #	68
48) 2-Hexanone	8.36	43	3420	1.696	ug/L #	81
59) 1,2,3-Trichloropropane	11.48	75	11210	5.867	ug/L	92

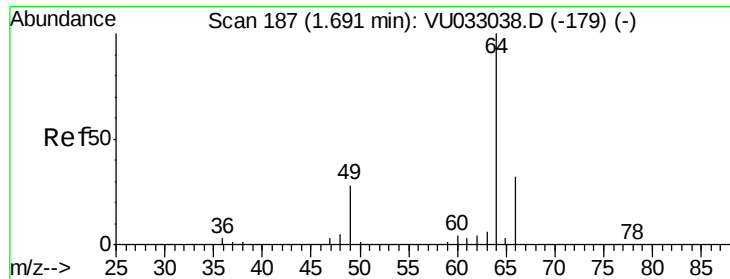
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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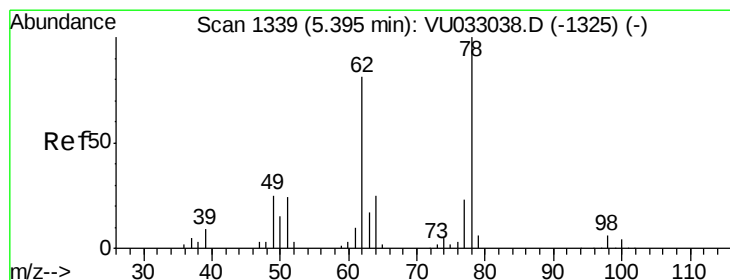
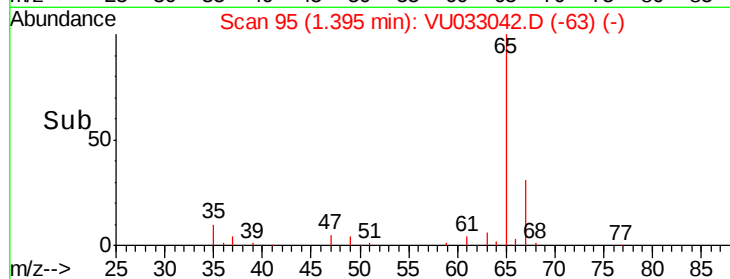
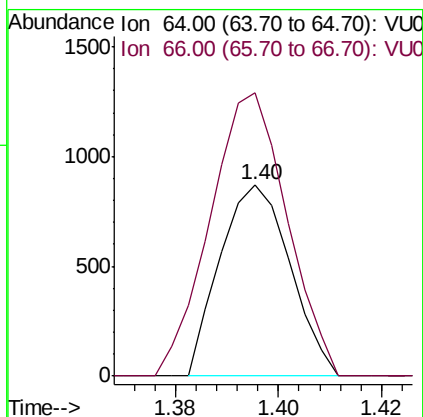
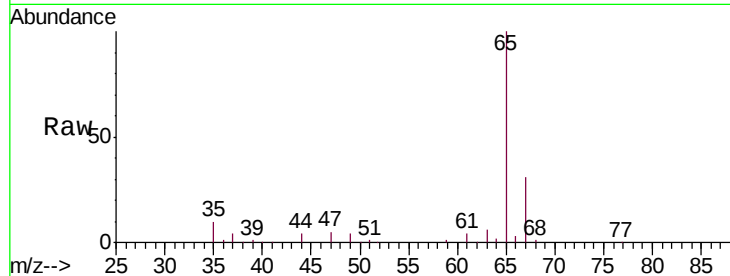




#8
Chloroethane
Concen: 0.852 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU033042.D
Acq: 25 Jun 2019 10:11

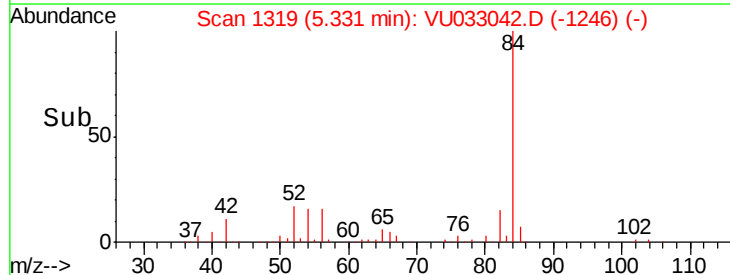
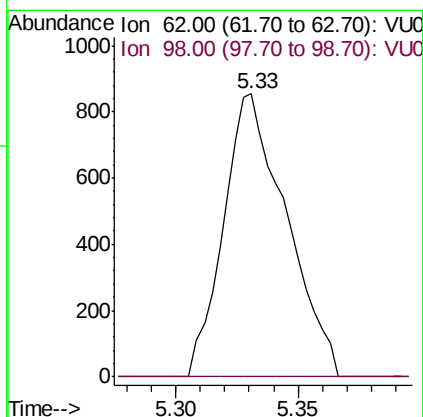
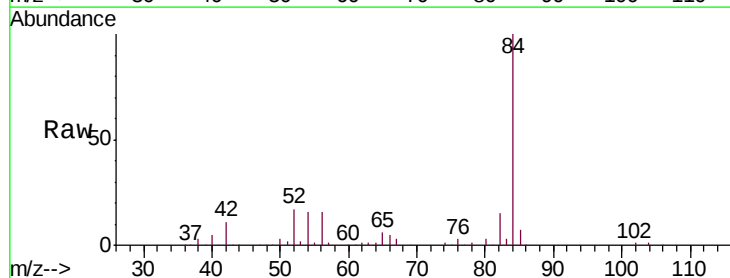
Instrument :
MSVOA_U
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VHBLK01

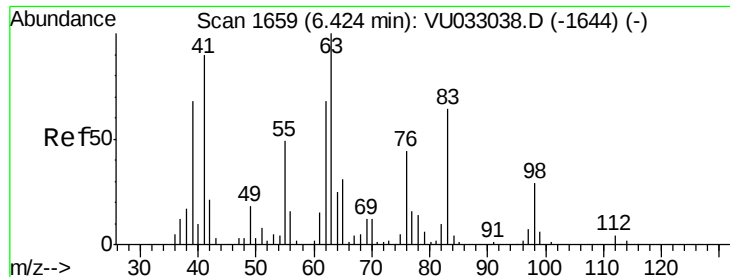
Tgt Ion: 64 Resp: 820
Ion Ratio Lower Upper
64 100
66 148.0 22.5 41.7#



#27
1,2-Dichloroethane
Concen: 0.751 ug/L
RT: 5.33 min Scan# 1319
Delta R.T. -0.06 min
Lab File: VU033042.D
Acq: 25 Jun 2019 10:11

Tgt Ion: 62 Resp: 1525
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#37

1,2-Dichloropropane

Concen: 6.641 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.10 min

Lab File: VU033042.D

Acq: 25 Jun 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

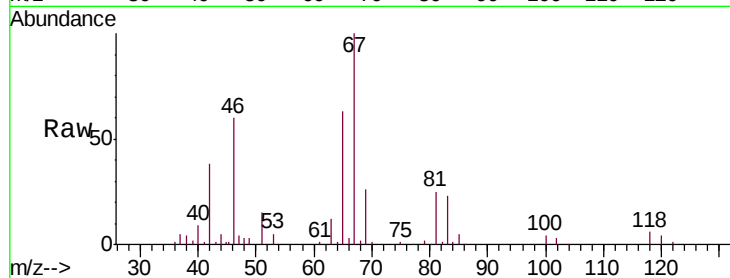
VHBLK01

Tgt Ion: 63 Resp: 9508

Ion Ratio Lower Upper

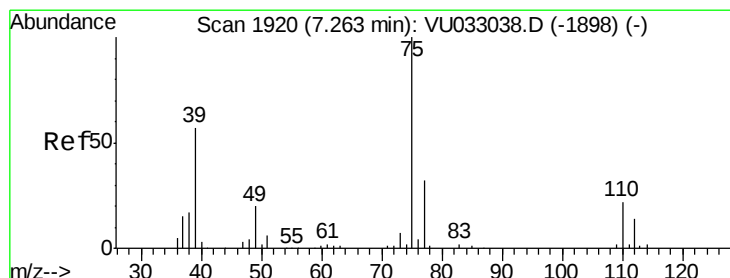
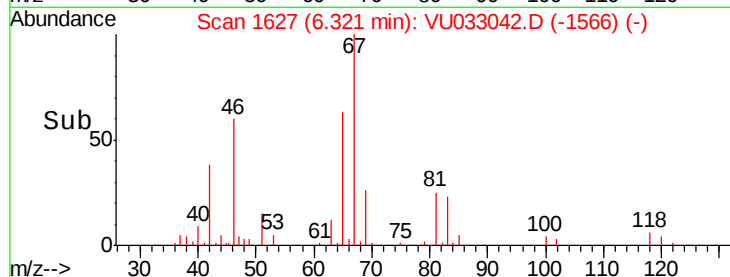
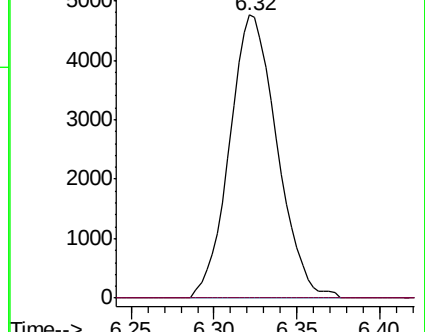
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033038.D (-1644) (-)

Ion 112.00 (111.70 to 112.70): VU033038.D (-1644) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.202 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU033042.D

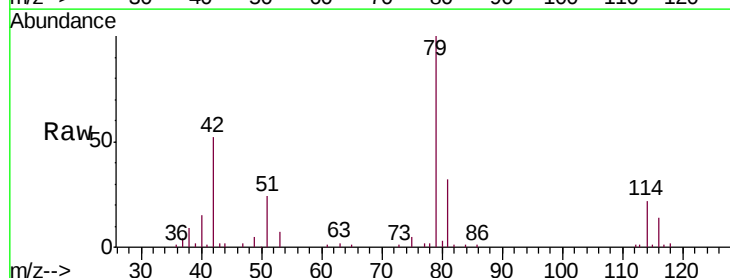
Acq: 25 Jun 2019 10:11

Tgt Ion: 75 Resp: 2682

Ion Ratio Lower Upper

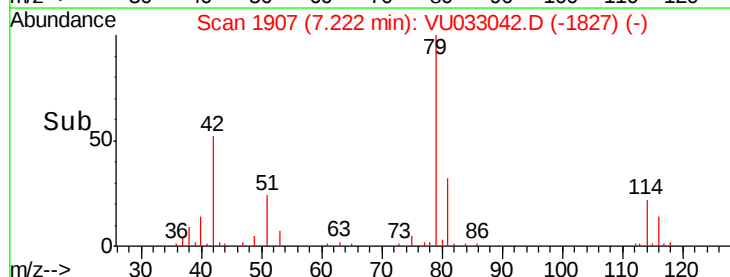
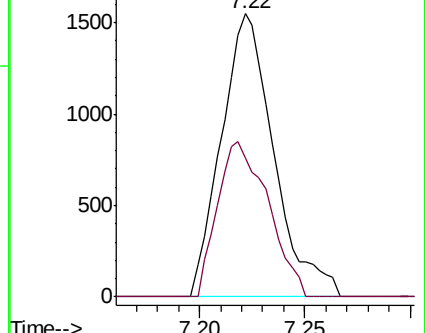
75 100

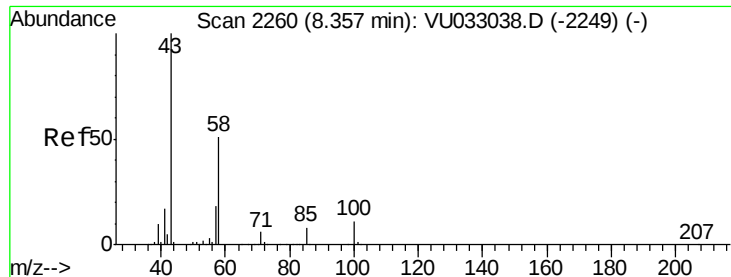
77 49.2 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU033038.D (-1898) (-)

Ion 77.00 (76.70 to 77.70): VU033038.D (-1898) (-)

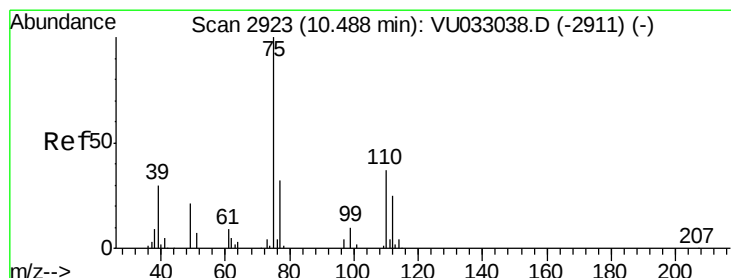
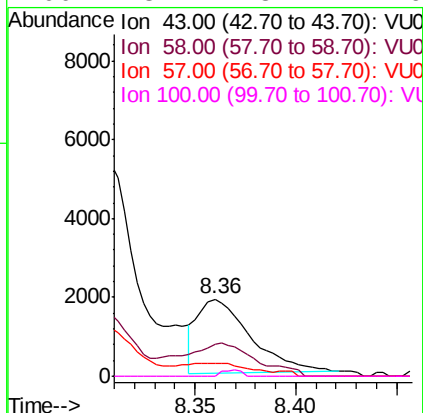
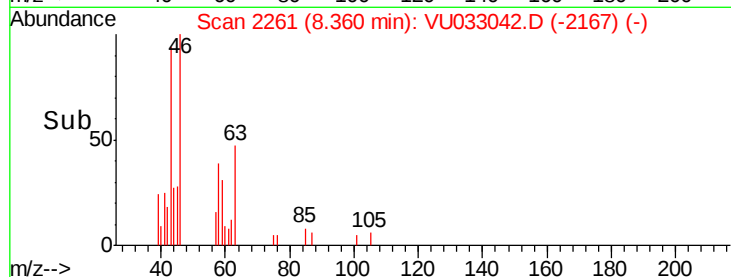
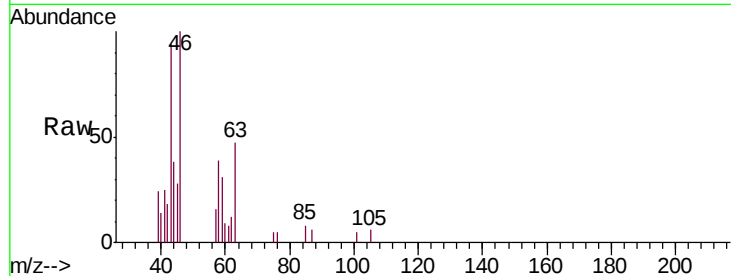




#48
 2-Hexanone
 Concen: 1.696 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU033042.D
 Acq: 25 Jun 2019 10:11

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 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 3420
 Ion Ratio Lower Upper
 43 100
 58 40.8 40.2 60.2
 57 2.3 14.2 21.4#
 100 3.1 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.867 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033042.D
 Acq: 25 Jun 2019 10:11

Tgt Ion: 75 Resp: 11210
 Ion Ratio Lower Upper
 75 100
 77 36.5 25.5 38.3

