

Data File : VU033065.D
Acq On : 27 Jun 2019 14:34
Operator : JC/SP
Sample : K3463-23
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Jun 28 02:46:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 02:43:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	184232	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	182091	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44938	35.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.38%
7) Chloroethane-d5	1.68	69	42996	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.26	63	78608	30.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.98%
21) 2-Butanone-d5	4.17	46	117928	112.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.53%
24) Chloroform-d	4.64	84	116431	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.30	65	83386	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
32) Benzene-d6	5.33	84	217395	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.32	67	73701	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.56	98	194315	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.85	79	35469	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.31	63	68194	96.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112544	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	81185	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

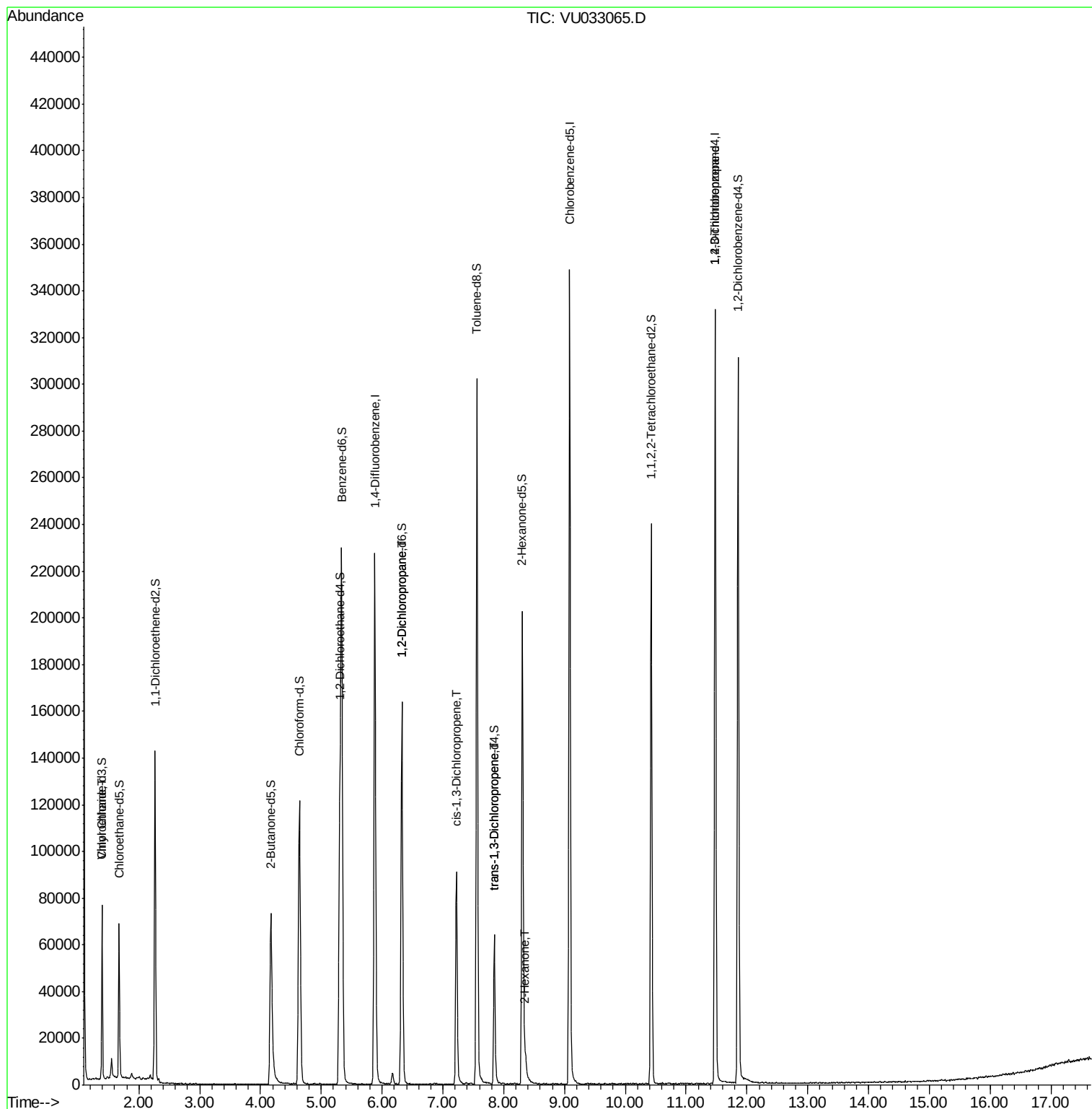
					Qvalue	
8) Chloroethane	1.40	64	768	0.797	ug/L #	1
37) 1,2-Dichloropropane	6.32	63	8834	6.139	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2584	1.153	ug/L #	79
44) trans-1,3-Dichloropropene	7.84	75	1726	0.820	ug/L #	59
48) 2-Hexanone	8.36	43	3090	1.525	ug/L #	93
59) 1,2,3-Trichloropropane	11.48	75	11187	5.826	ug/L	90

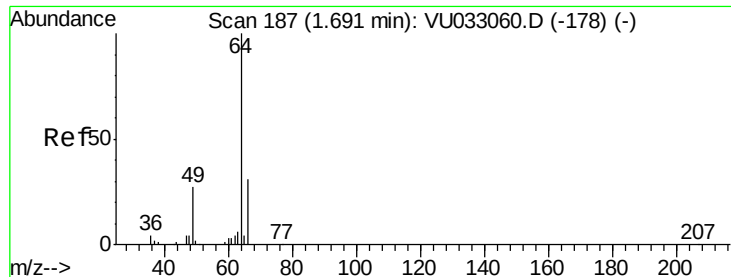
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.797 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

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Instrument :

MSVOA_U

ClientSampleId :

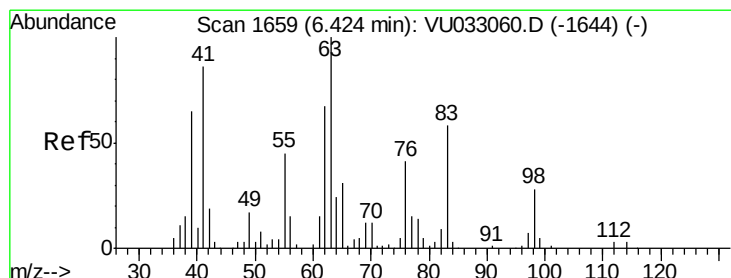
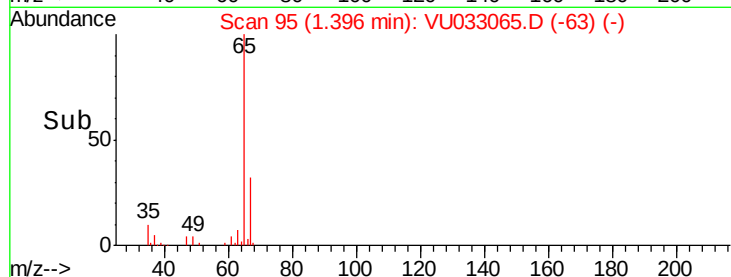
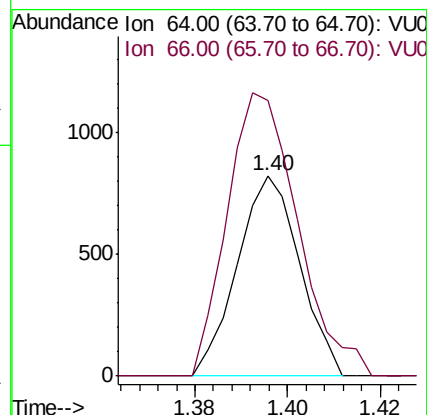
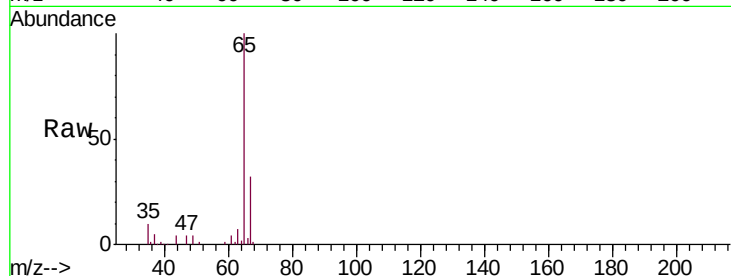
VHBLK01

Tgt Ion: 64 Resp: 768

Ion Ratio Lower Upper

64 100

66 137.9 22.5 41.7#



#37

1,2-Dichloropropane

Concen: 6.139 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033065.D

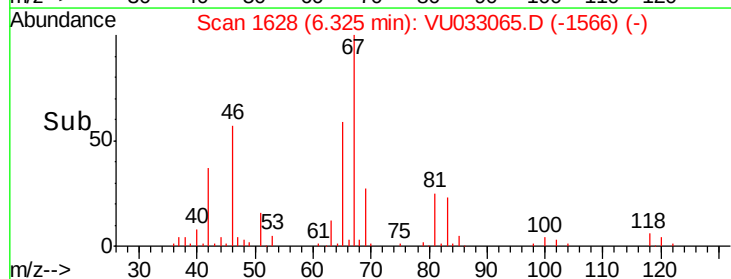
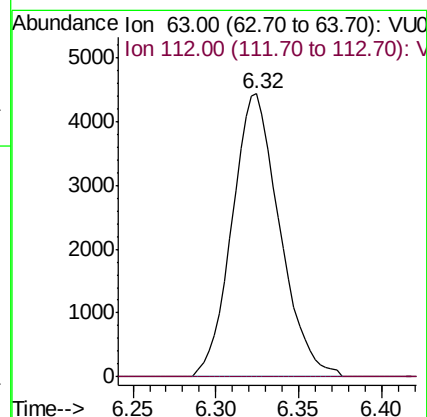
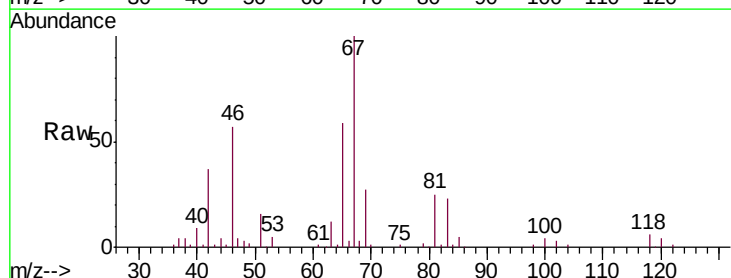
Acq: 27 Jun 2019 14:34

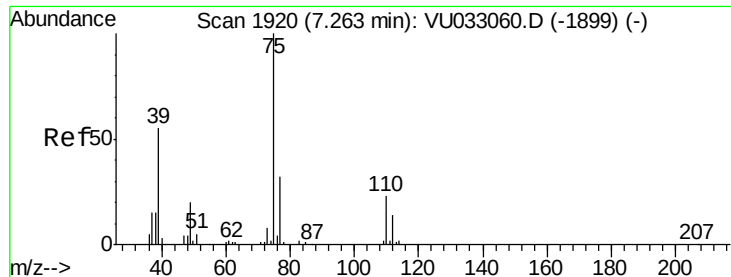
Tgt Ion: 63 Resp: 8834

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 1.153 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

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Instrument :

MSVOA_U

ClientSampleId :

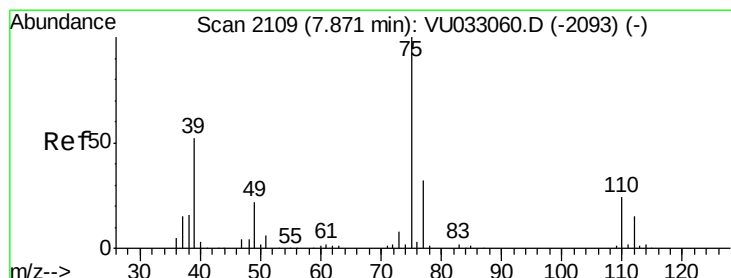
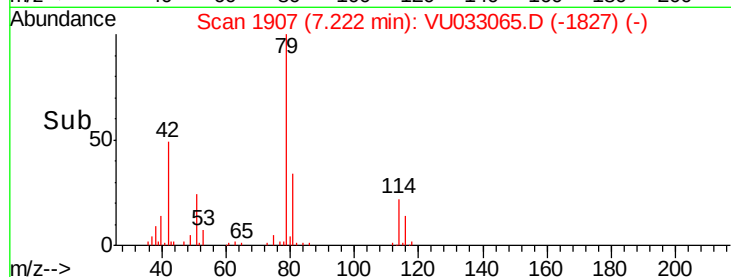
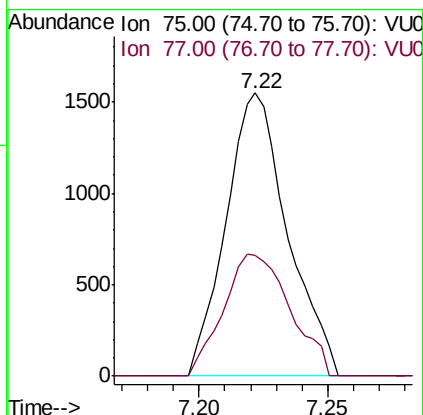
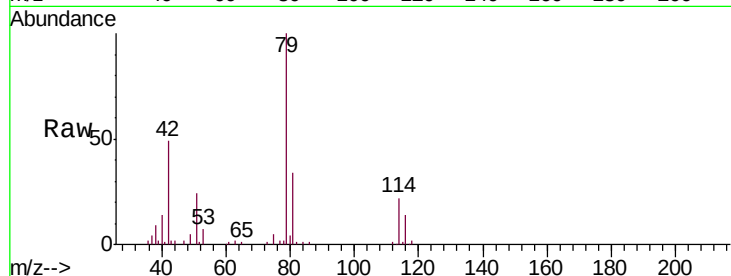
VHBLK01

Tgt Ion: 75 Resp: 2584

Ion Ratio Lower Upper

75 100

77 42.9 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

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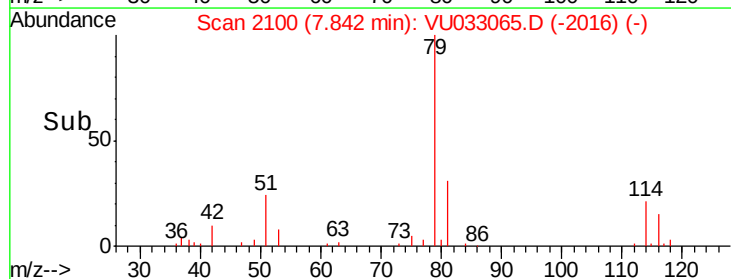
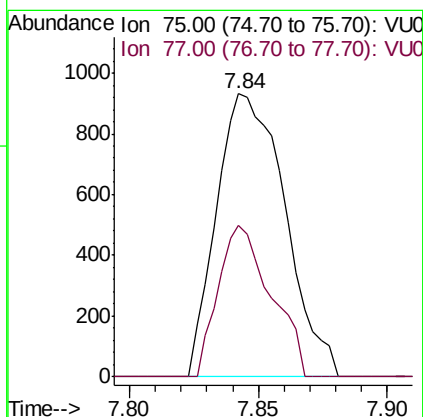
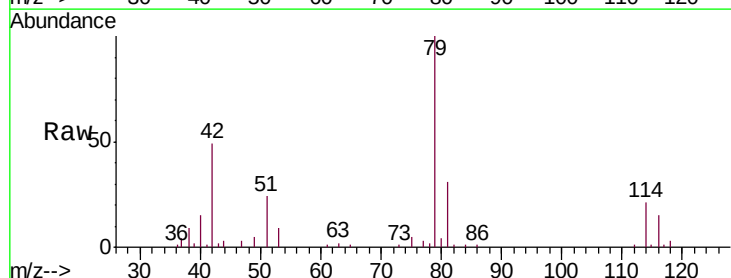
Acq: 27 Jun 2019 14:34

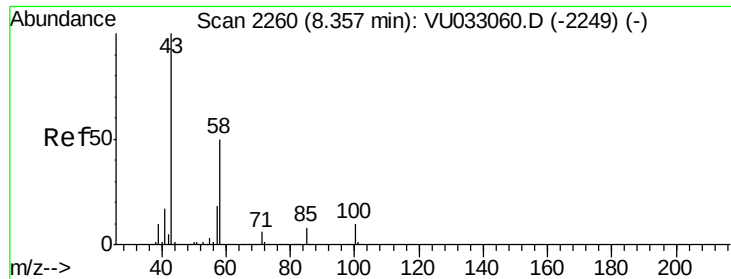
Tgt Ion: 75 Resp: 1726

Ion Ratio Lower Upper

75 100

77 53.4 21.8 40.4#

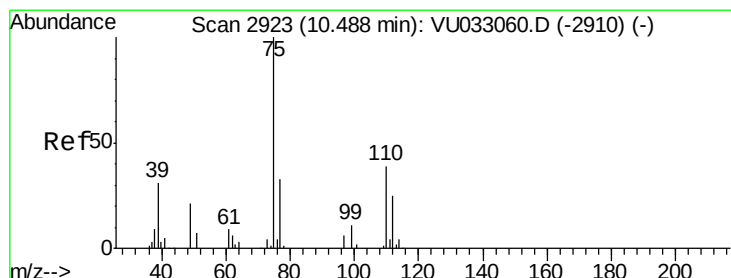
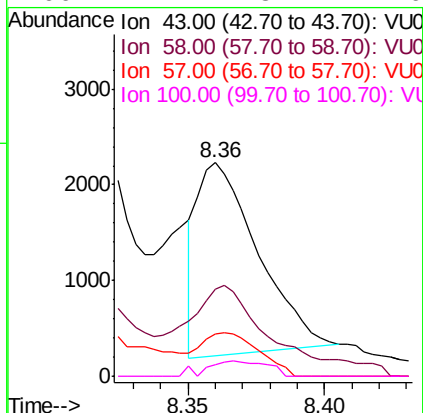
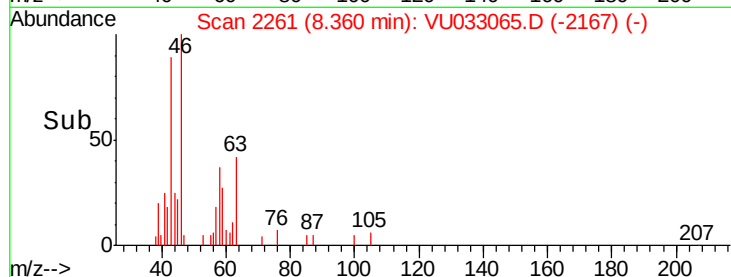
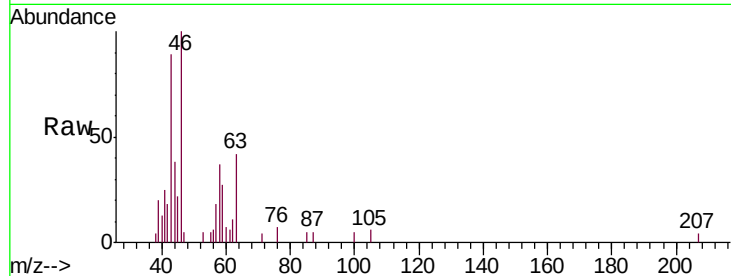




#48
 2-Hexanone
 Concen: 1.525 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU033065.D
 Acq: 27 Jun 2019 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 3090
 Ion Ratio Lower Upper
 43 100
 58 45.9 40.2 60.2
 57 21.6 14.2 21.4#
 100 7.4 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.826 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU033065.D
 Acq: 27 Jun 2019 14:34

Tgt Ion: 75 Resp: 11187
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.5 38.3

