

Data File : VW005863.D
Acq On : 04 Oct 2018 19:46
Operator : SY/AP
Sample : J5181-21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Oct 05 01:17:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 05 01:16:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278577	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77574	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.90	69	62994	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.01	63	130401	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	7.08	46	72558	63.64	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.28%
24) Chloroform-d	7.65	84	183254	25.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	8.31	65	117305	27.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.24%
29) Benzene-d6	8.27	84	339263	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.28	67	104585	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.33	98	343008	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.84%
38) trans-1,3-Dichloropropene-	10.58	79	50252	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.32%
39) 2-Hexanone-d5	10.93	63	59729	60.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114079	28.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	141124	28.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.60%

Target Compounds

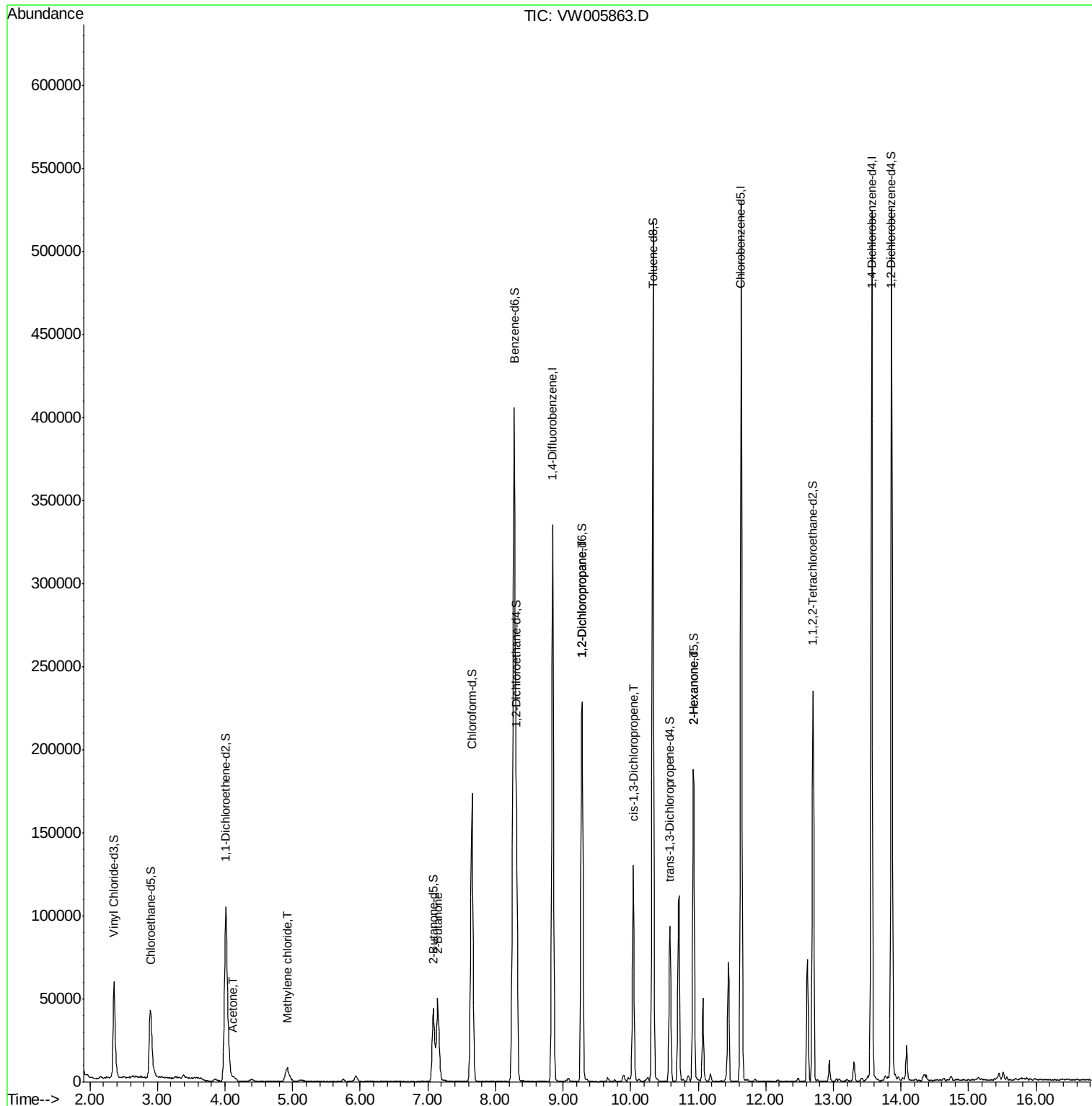
					Qvalue
13) Acetone	4.12	43	2294	1.932 ug/L	70
16) Methylene chloride	4.92	84	7158	1.558 ug/L	93
21) 2-Butanone	7.15	43	2950	2.075 ug/L #	66
40) 1,2-Dichloropropane	9.28	63	12390	3.071 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3166	0.475 ug/L #	71
49) 2-Hexanone	10.93	43	7878	3.409 ug/L #	69

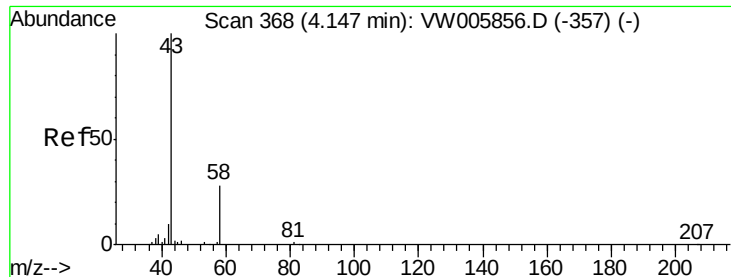
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.932 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

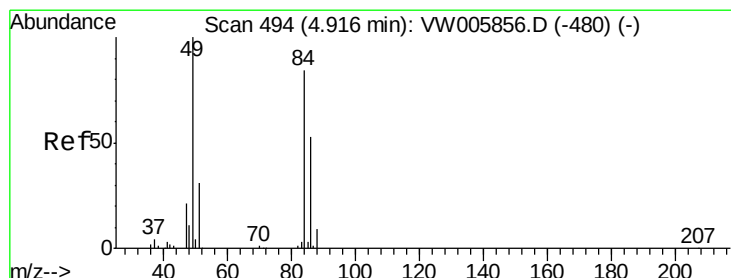
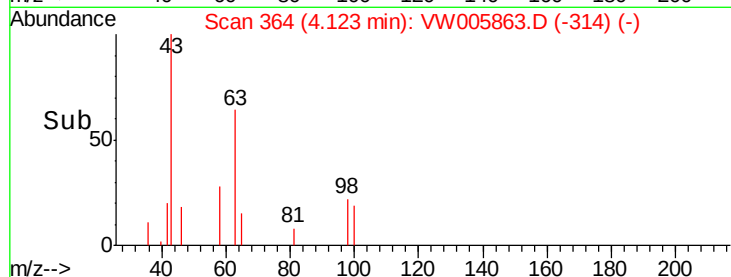
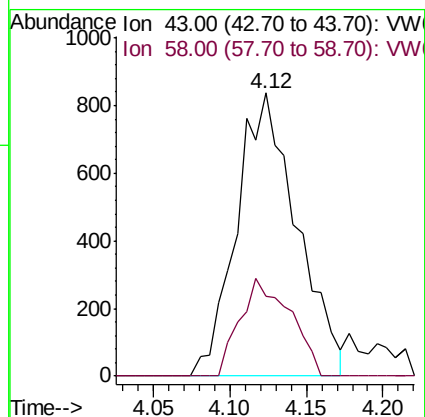
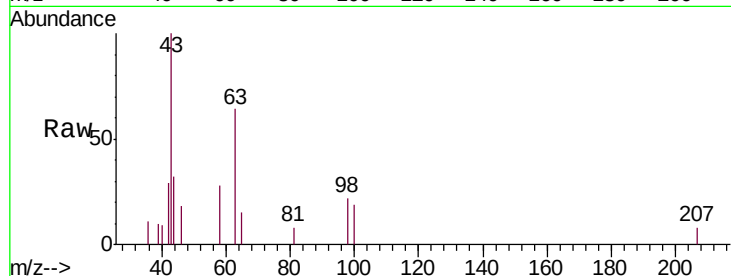
VHBLK01

Tgt Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

58 28.6 0.0 31.8



#16

Methylene chloride

Concen: 1.558 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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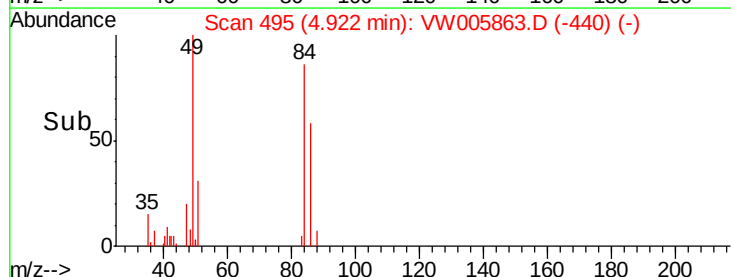
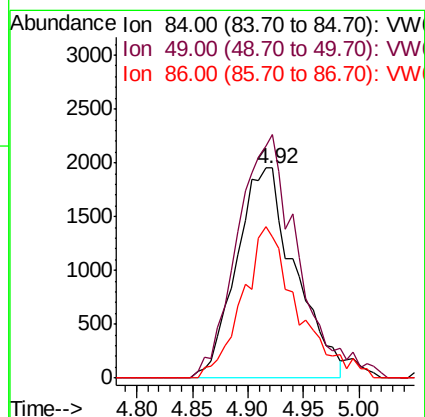
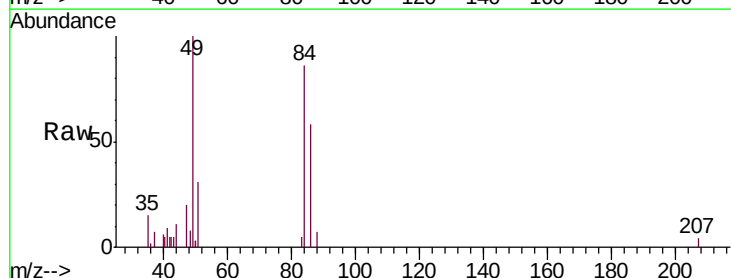
Tgt Ion: 84 Resp: 7158

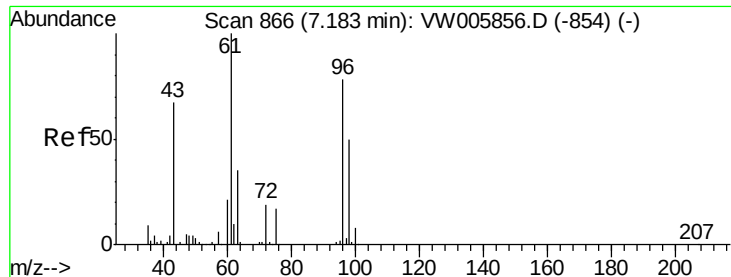
Ion Ratio Lower Upper

84 100

49 115.9 87.2 162.0

86 67.2 43.2 80.2





#21

2-Butanone

Concen: 2.075 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

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Acq: 04 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampled :

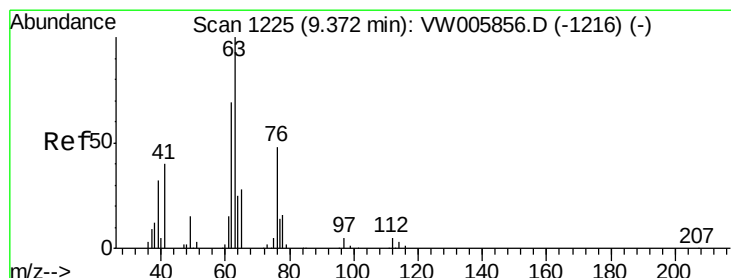
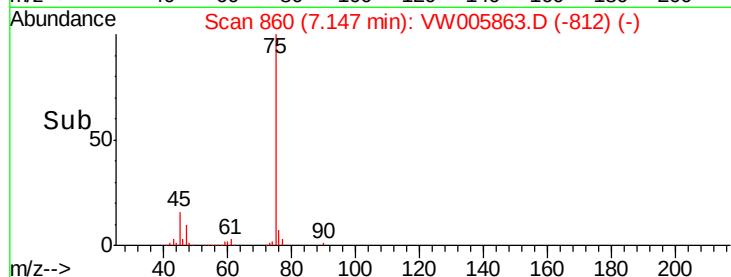
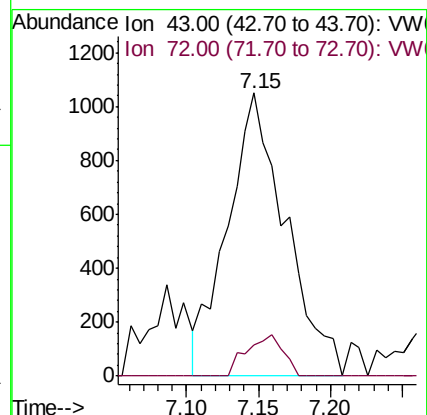
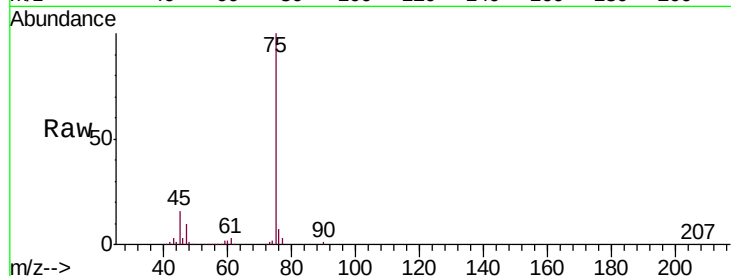
VHBLK01

Tgt Ion: 43 Resp: 2950

Ion Ratio Lower Upper

43 100

72 9.2 13.2 39.6#



#40

1,2-Dichloropropane

Concen: 3.071 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005863.D

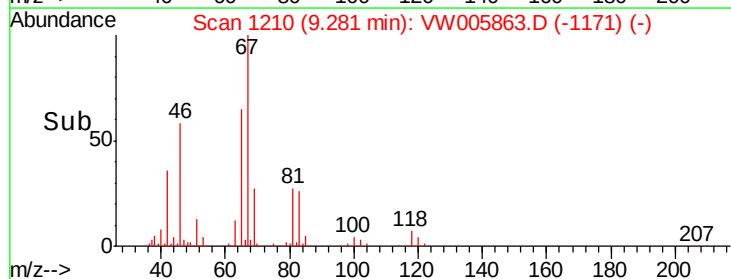
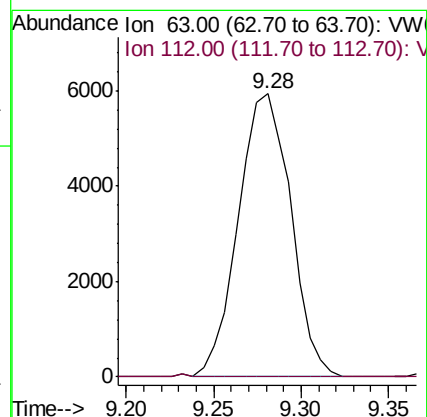
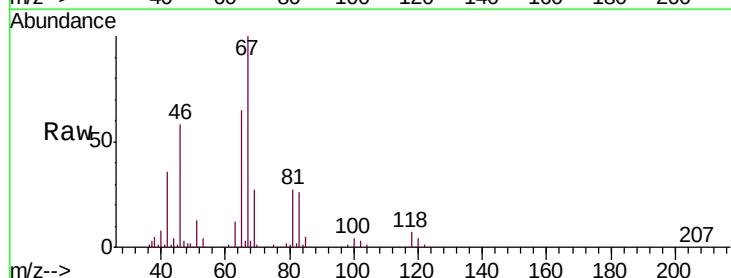
Acq: 04 Oct 2018 19:46

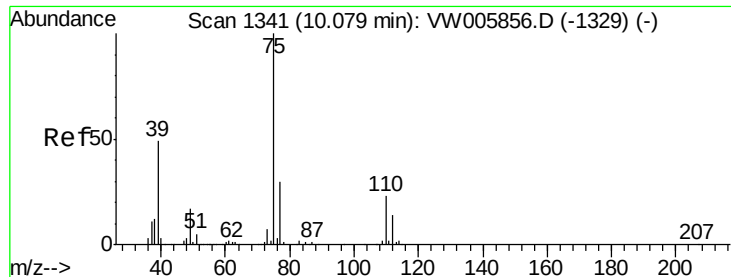
Tgt Ion: 63 Resp: 12390

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42

cis-1,3-Dichloropropene

Concen: 0.475 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005863.D

Acq: 04 Oct 2018 19:46

Instrument :

MSVOA_W

ClientSampleId :

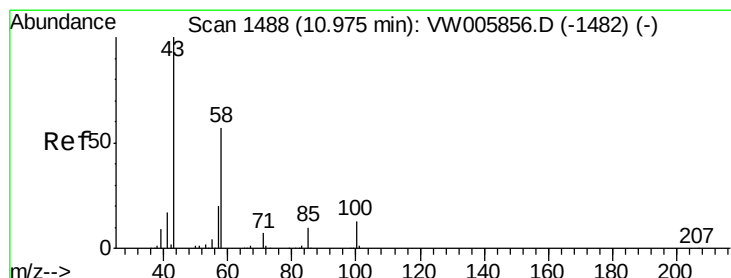
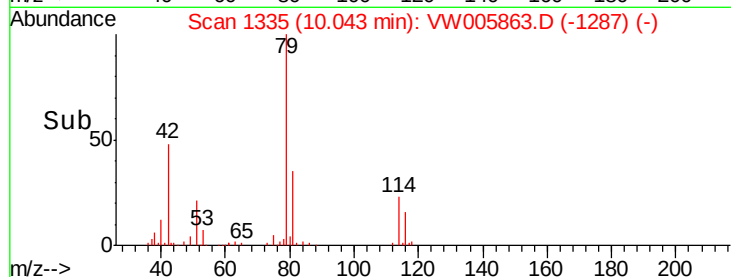
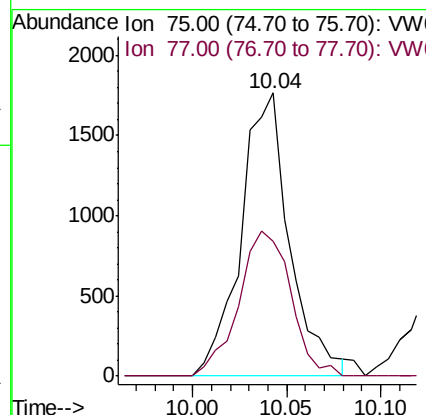
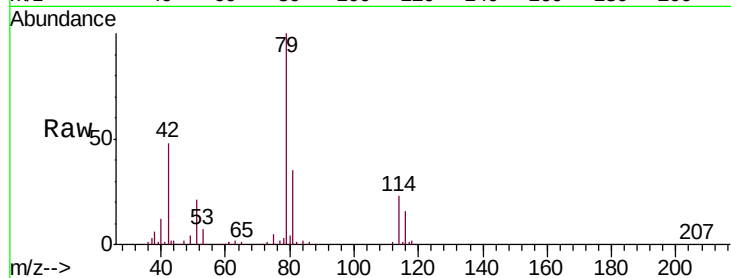
VHBLK01

Tgt Ion: 75 Resp: 3166

Ion Ratio Lower Upper

75 100

77 47.7 22.3 41.3#



#49

2-Hexanone

Concen: 3.409 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.05 min

Lab File: VW005863.D

Acq: 04 Oct 2018 19:46

Tgt Ion: 43 Resp: 7878

Ion Ratio Lower Upper

43 100

58 28.3 42.0 63.0#

57 30.0 15.7 23.5#

100 0.6 9.7 14.5#

