

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005371.D
 Acq On : 14 Sep 2018 00:59
 Operator : SY/AP
 Sample : J4865-08
 Misc : 5.32G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N6

Quant Time: Sep 14 06:58:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 06:56:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	262148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	244840	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	89752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80949	26.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.04%
7) Chloroethane-d5	2.89	69	65726	30.72	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.88%
10) 1,1-Dichloroethene-d2	4.03	63	108403	20.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.28%
20) 2-Butanone-d5	7.09	46	43670	38.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.64%
24) Chloroform-d	7.66	84	153666	31.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	125.72%
26) 1,2-Dichloroethane-d4	8.31	65	100999	32.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.20%
29) Benzene-d6	8.28	84	298417	30.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	121.44%
33) 1,2-Dichloropropane-d6	9.28	67	91713	32.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.76%#
37) Toluene-d8	10.33	98	282368	28.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.44%
38) trans-1,3-Dichloropropene-	10.59	79	38971	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.04%
39) 2-Hexanone-d5	10.93	63	32362	37.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	72178	24.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	77975	28.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.80%

Target Compounds

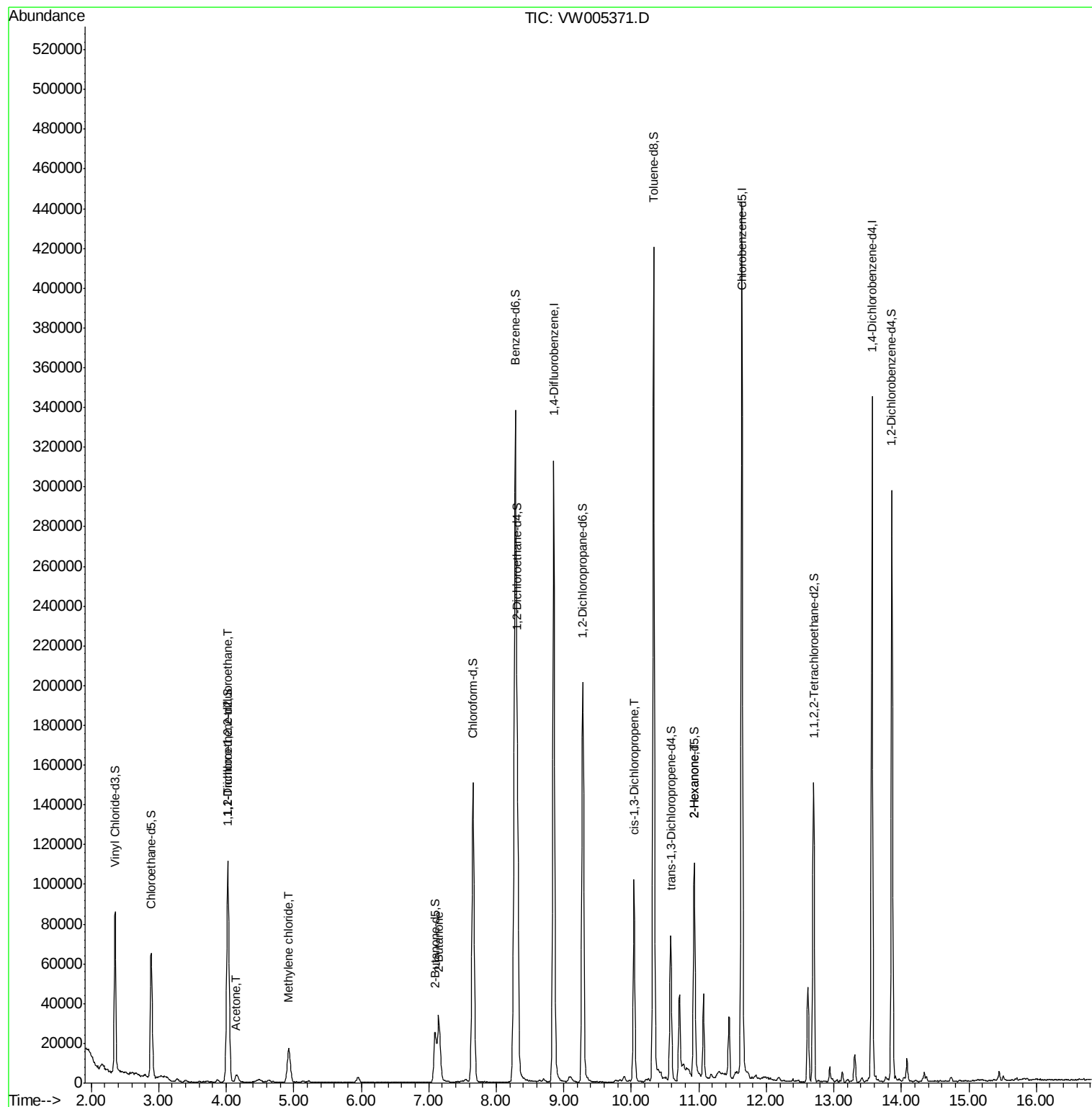
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	996	0.295 ug/L #	17
13) Acetone	4.15	43	5263	4.919 ug/L	72
16) Methylene chloride	4.93	84	12977	2.607 ug/L	91
21) 2-Butanone	7.16	43	2460	1.500 ug/L #	63
42) cis-1,3-Dichloropropene	10.04	75	2646	0.532 ug/L #	47
49) 2-Hexanone	10.93	43	5636	2.381 ug/L #	68

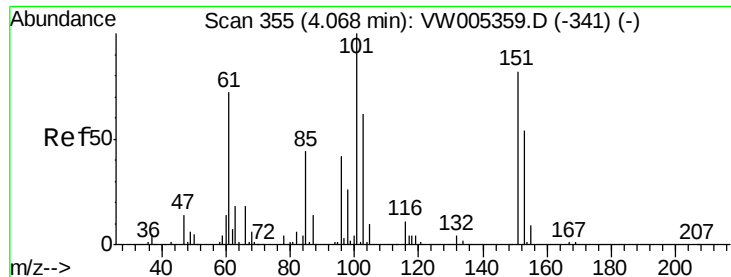
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 06:56:14 2018
Response via : Initial Calibration





#11

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

Concen: 0.295 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW005371.D

Acq: 14 Sep 2018 00:59

Instrument :

MSVOA_W

ClientSampled :

DB3N6

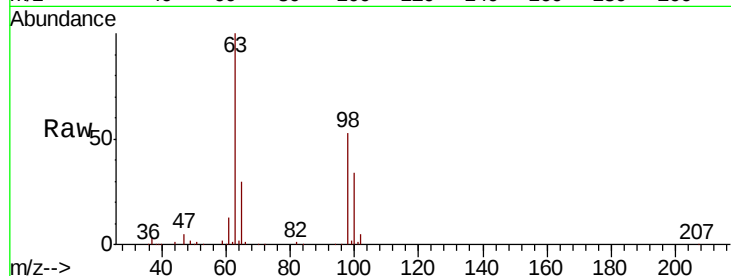
Tgt Ion: 101 Resp: 996

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

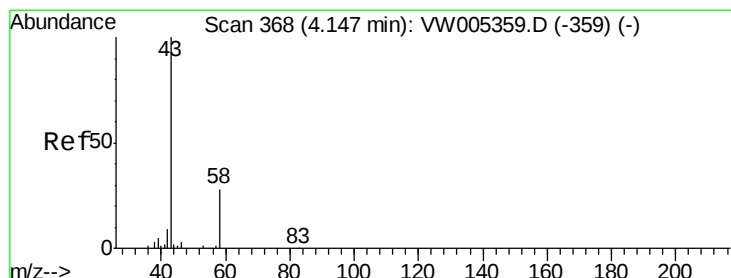
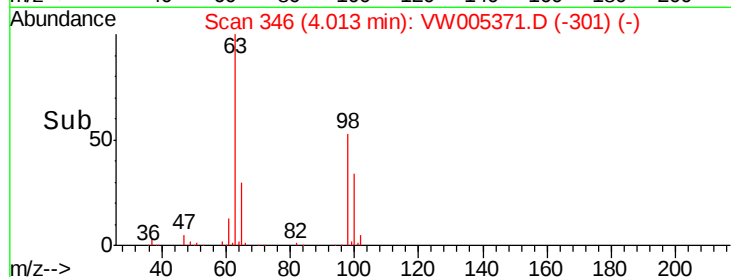
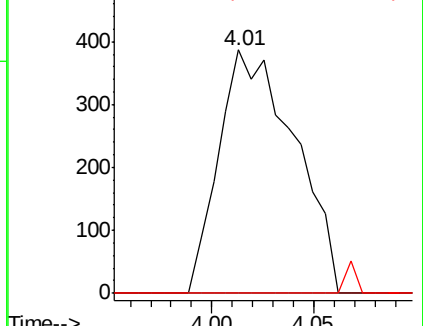
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 4.919 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW005371.D

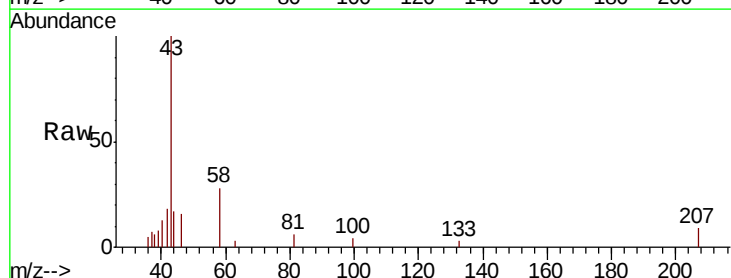
Acq: 14 Sep 2018 00:59

Tgt Ion: 43 Resp: 5263

Ion Ratio Lower Upper

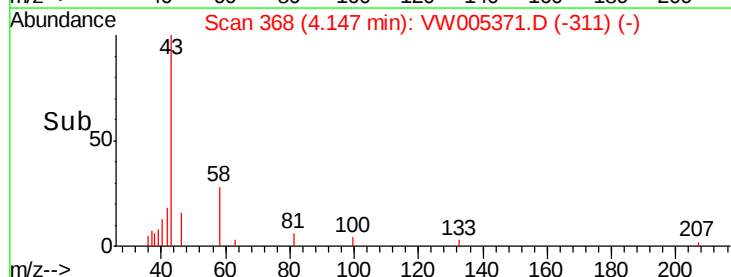
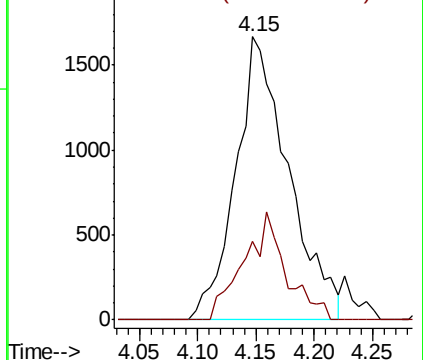
43 100

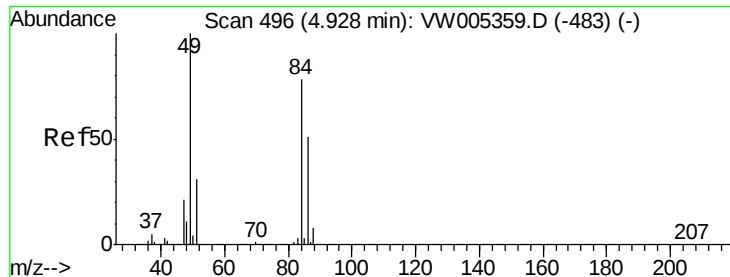
58 14.1 0.0 57.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

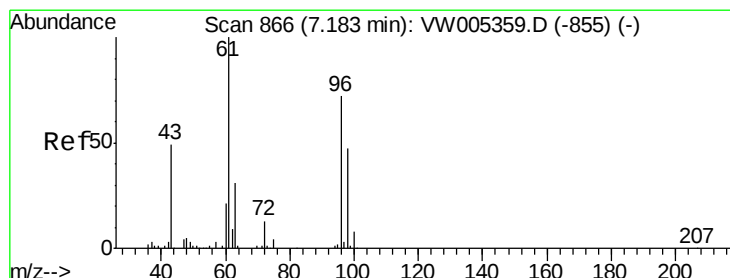
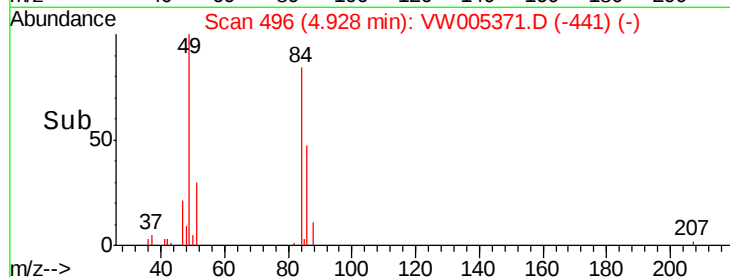
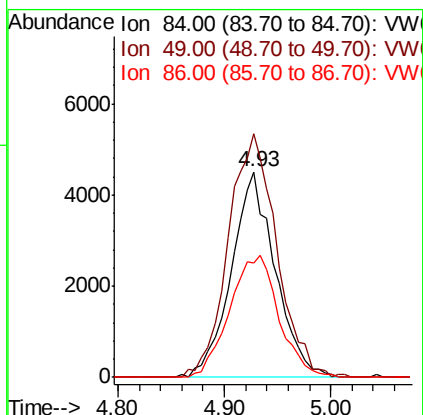
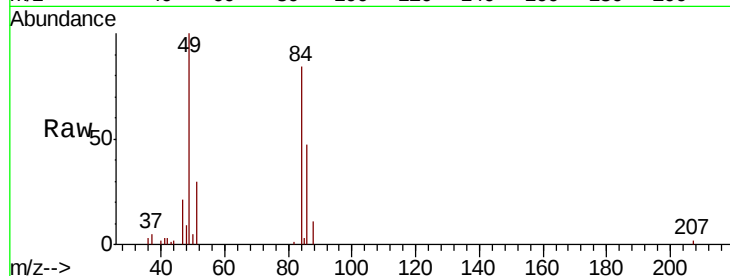




#16
Methylene chloride
Concen: 2.607 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005371.D
Acq: 14 Sep 2018 00:59

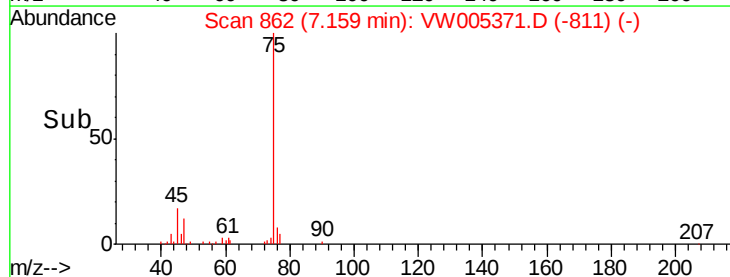
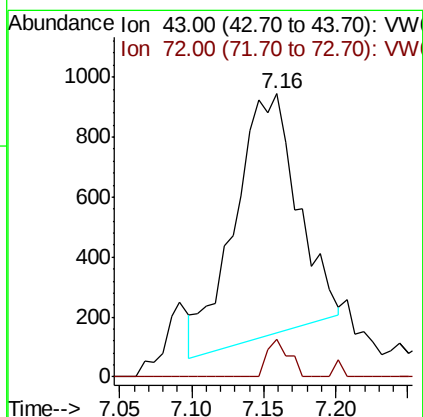
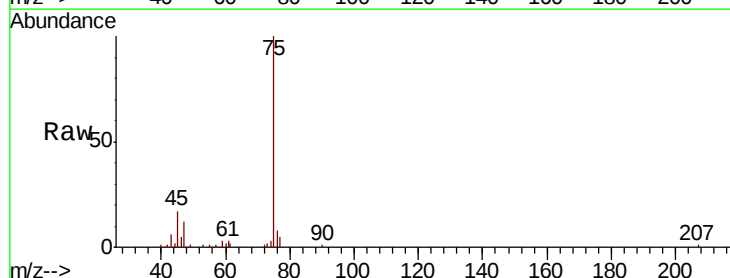
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DB3N6

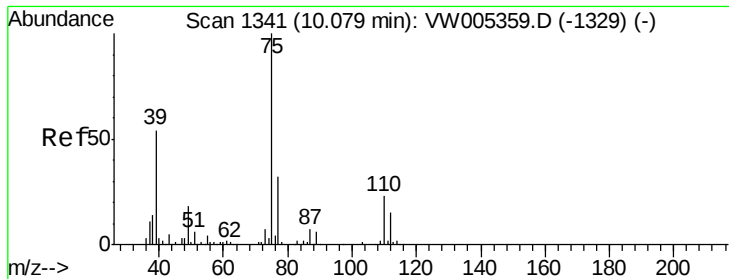
Tgt Ion: 84 Resp: 12977
Ion Ratio Lower Upper
84 100
49 118.5 90.9 168.7
86 55.6 43.6 81.0



#21
2-Butanone
Concen: 1.500 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW005371.D
Acq: 14 Sep 2018 00:59

Tgt Ion: 43 Resp: 2460
Ion Ratio Lower Upper
43 100
72 5.3 11.8 35.4#





#42

cis-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005371.D

Acq: 14 Sep 2018 00:59

Instrument :

MSVOA_W

ClientSampleId :

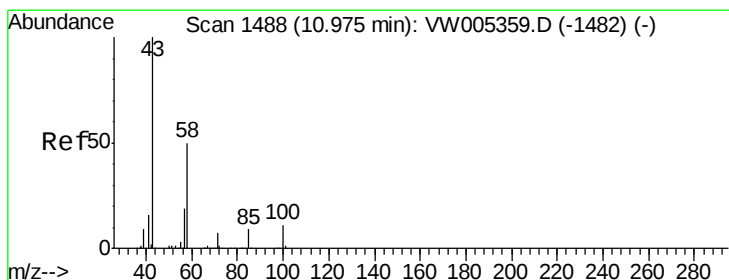
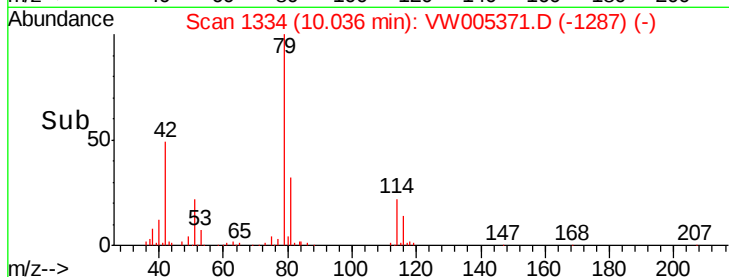
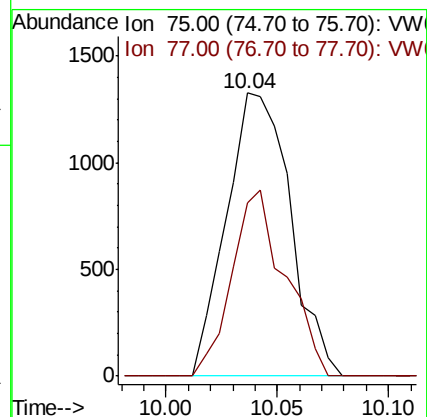
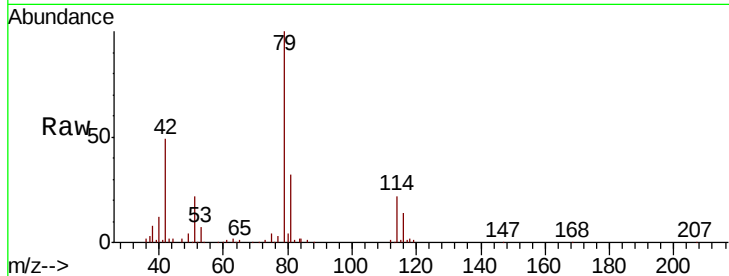
DB3N6

Tgt Ion: 75 Resp: 2646

Ion Ratio Lower Upper

75 100

77 61.4 22.3 41.3#



#49

2-Hexanone

Concen: 2.381 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005371.D

Acq: 14 Sep 2018 00:59

Tgt Ion: 43 Resp: 5636

Ion Ratio Lower Upper

43 100

58 24.8 41.6 62.4#

57 27.3 15.0 22.6#

100 2.3 8.6 12.8#

