

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091418\
 Data File : VW005369.D
 Acq On : 14 Sep 2018 00:09
 Operator : SY/AP
 Sample : J4865-06
 Misc : 5.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N4

Quant Time: Sep 14 06:58:35 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	286243	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	281531	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	122333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77386	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.68%
7) Chloroethane-d5	2.89	69	61963	26.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.12%
10) 1,1-Dichloroethene-d2	4.03	63	104300	17.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.72%
20) 2-Butanone-d5	7.09	46	50898	40.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.82%
24) Chloroform-d	7.66	84	153344	28.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.88%
26) 1,2-Dichloroethane-d4	8.31	65	104911	30.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.92%
29) Benzene-d6	8.28	84	300624	26.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.40%
33) 1,2-Dichloropropane-d6	9.28	67	94325	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	10.33	98	291452	25.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.80%
38) trans-1,3-Dichloropropene-	10.59	79	42545	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.44%
39) 2-Hexanone-d5	10.93	63	39218	39.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.08%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	90813	26.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	105717	28.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.16%

Target Compounds

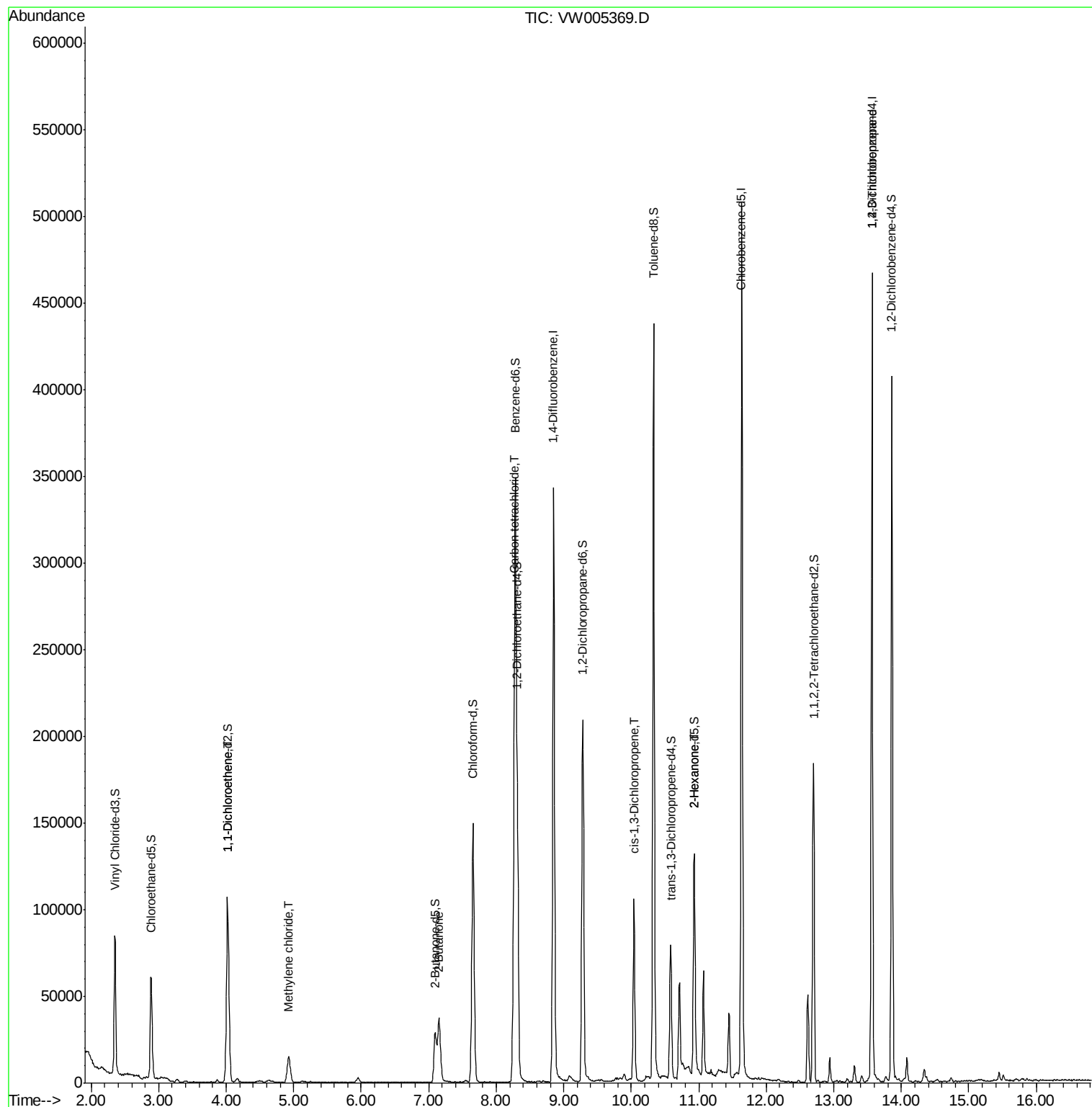
					Qvalue
12) 1,1-Dichloroethene	4.01	96	1037	0.333 ug/L #	1
16) Methylene chloride	4.93	84	11791	2.169 ug/L	96
21) 2-Butanone	7.15	43	5081	2.838 ug/L #	57
32) Carbon tetrachloride	8.26	117	2185	0.368 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	2762	0.483 ug/L #	64
49) 2-Hexanone	10.93	43	7414	2.724 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	14391	4.029 ug/L	90

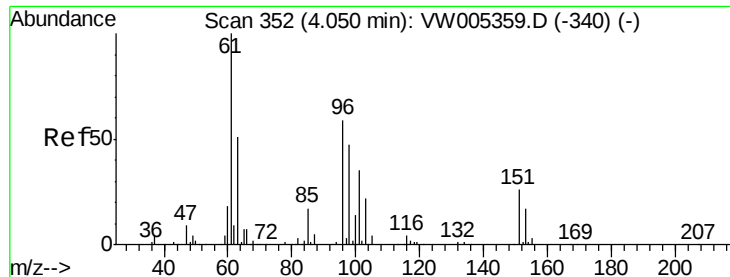
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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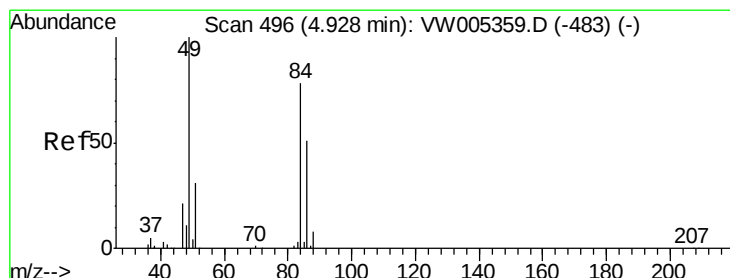
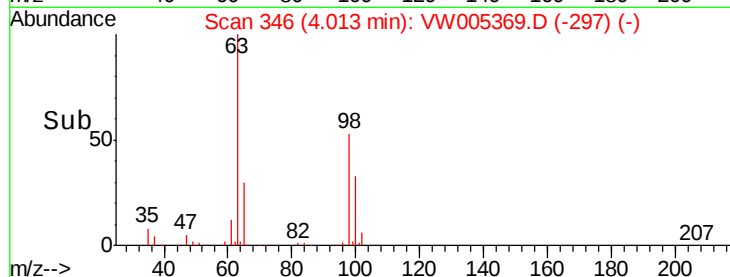
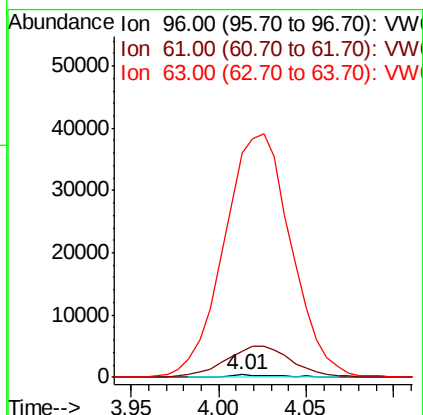
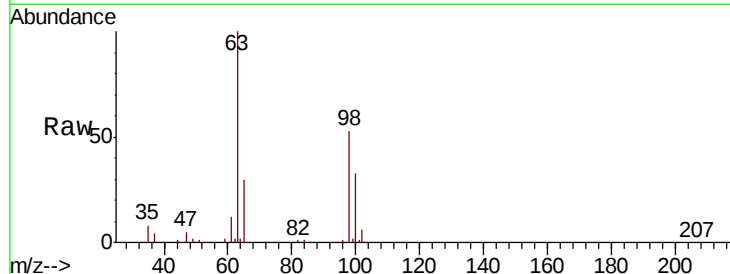




#12
 1,1-Dichloroethene
 Concen: 0.333 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.03 min
 Lab File: VW005369.D
 Acq: 14 Sep 2018 00:09

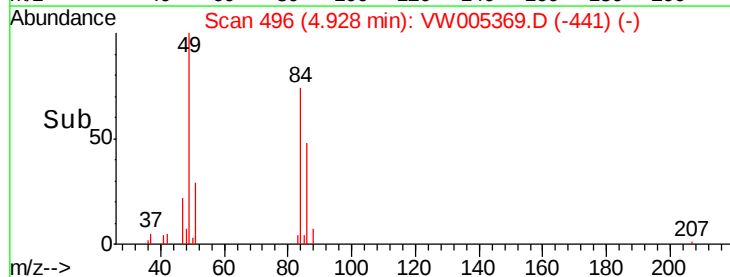
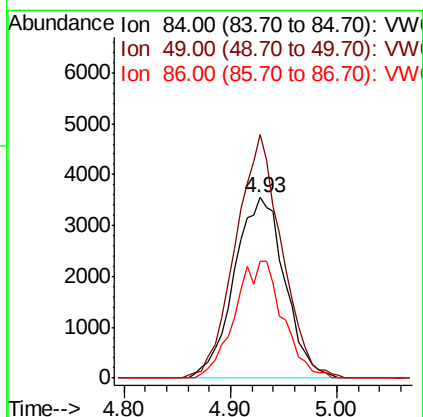
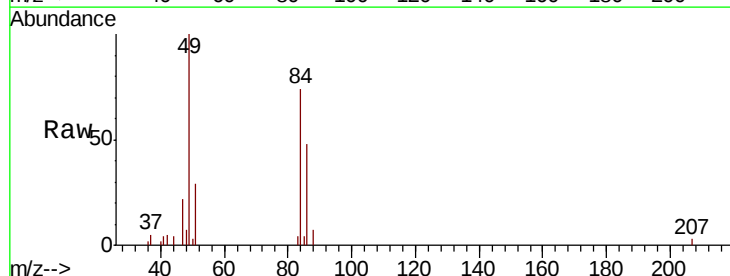
Instrument :
 MSVOA_W
 ClientSampleID :
 DB3N4

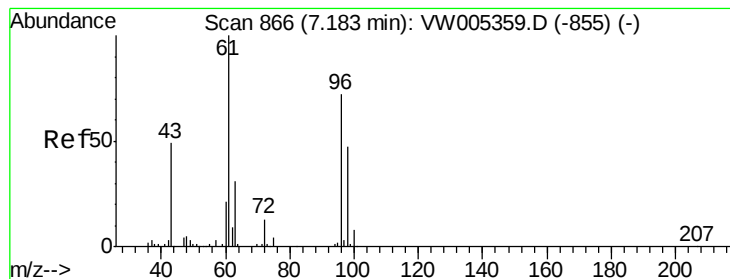
Tgt Ion: 96 Resp: 1037
 Ion Ratio Lower Upper
 96 100
 61 1075.6 123.3 229.1#
 63 9350.6 69.4 128.8#



#16
 Methylene chloride
 Concen: 2.169 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW005369.D
 Acq: 14 Sep 2018 00:09

Tgt Ion: 84 Resp: 11791
 Ion Ratio Lower Upper
 84 100
 49 134.9 90.9 168.7
 86 64.6 43.6 81.0





#21

2-Butanone

Concen: 2.838 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005369.D

Acq: 14 Sep 2018 00:09

Instrument :

MSVOA_W

ClientSampleId :

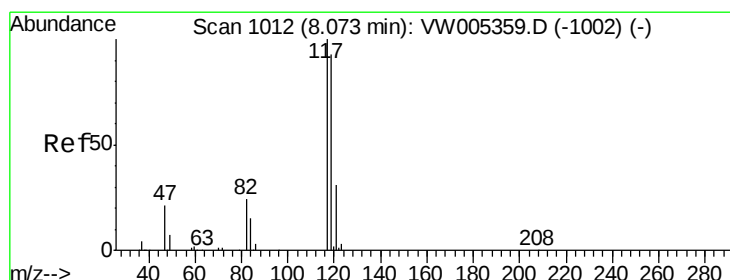
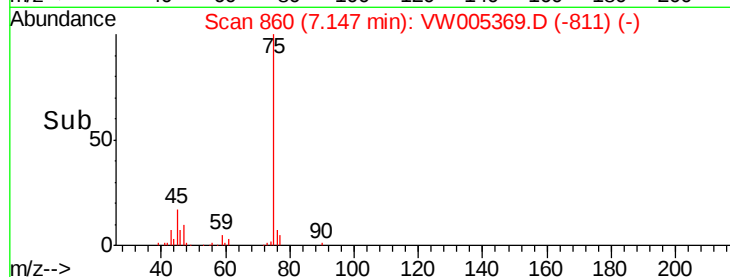
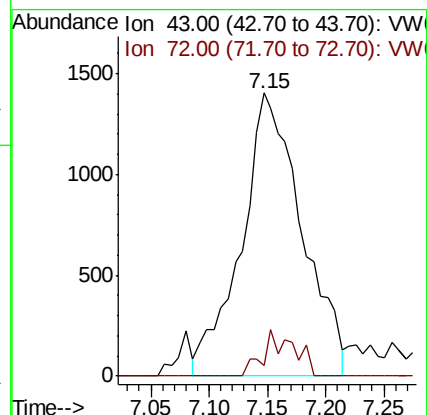
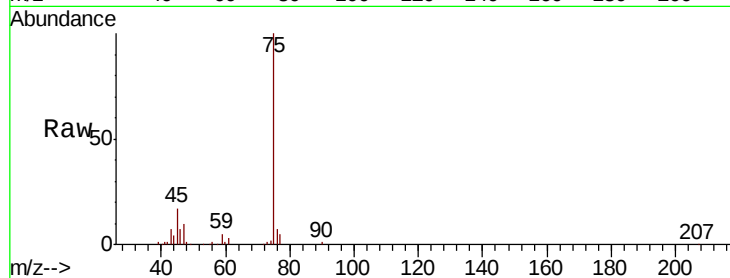
DB3N4

Tgt Ion: 43 Resp: 5081

Ion Ratio Lower Upper

43 100

72 2.5 11.8 35.4#



#32

Carbon tetrachloride

Concen: 0.368 ug/L

RT: 8.26 min Scan# 1043

Delta R.T. 0.19 min

Lab File: VW005369.D

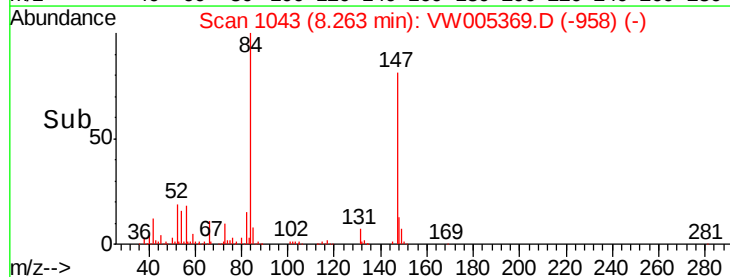
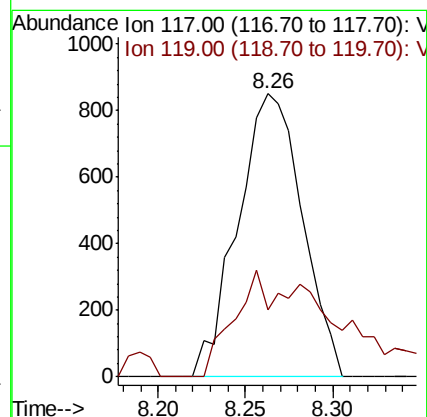
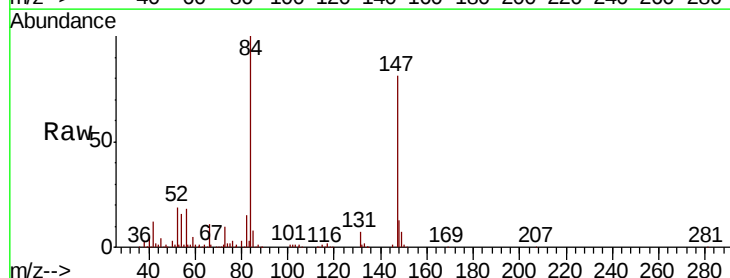
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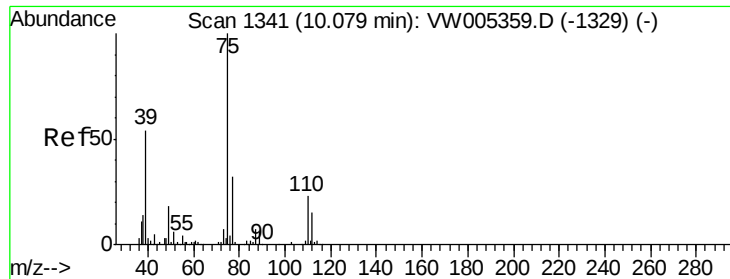
Tgt Ion: 117 Resp: 2185

Ion Ratio Lower Upper

117 100

119 19.7 77.0 115.6#





#42

cis-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005369.D

Acq: 14 Sep 2018 00:09

Instrument :

MSVOA_W

ClientSampleId :

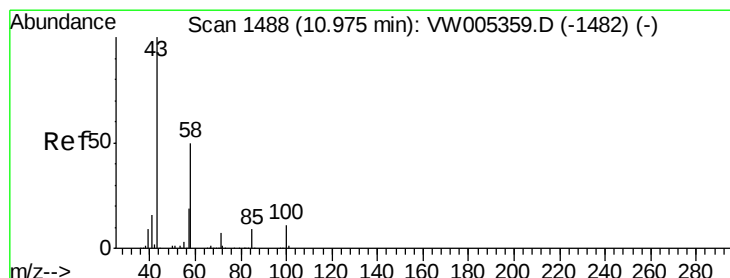
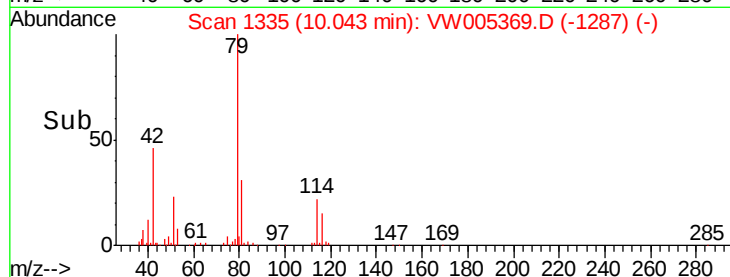
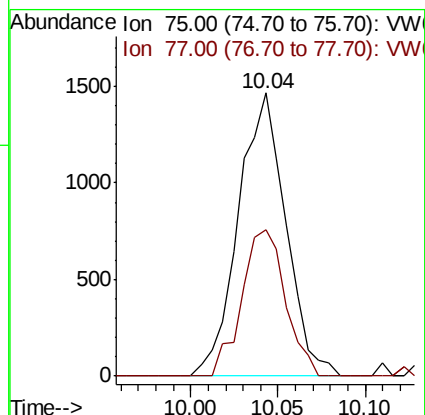
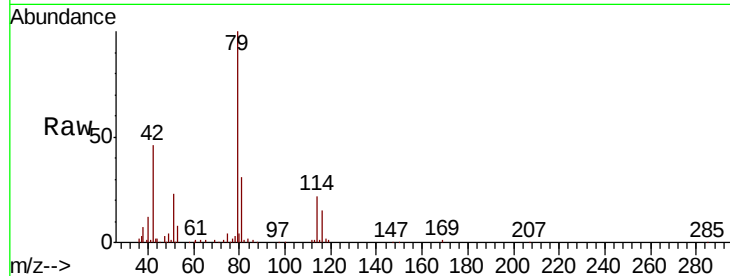
DB3N4

Tgt Ion: 75 Resp: 2762

Ion Ratio Lower Upper

75 100

77 51.7 22.3 41.3#



#49

2-Hexanone

Concen: 2.724 ug/L

RT: 10.93 min Scan# 1481

Delta R.T. -0.04 min

Lab File: VW005369.D

Acq: 14 Sep 2018 00:09

Tgt Ion: 43 Resp: 7414

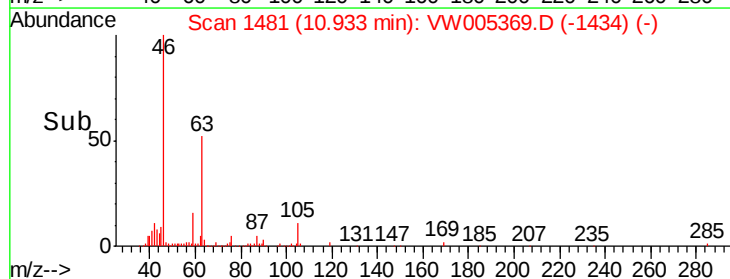
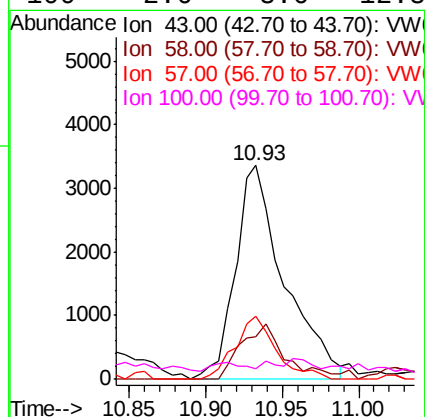
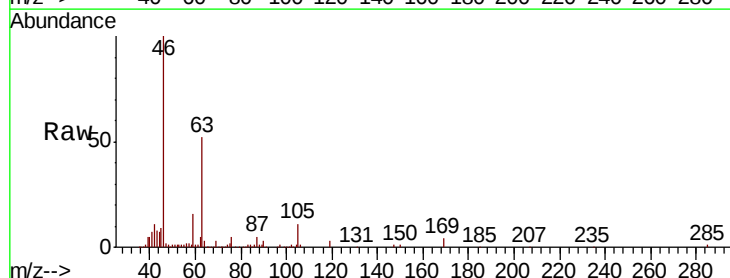
Ion Ratio Lower Upper

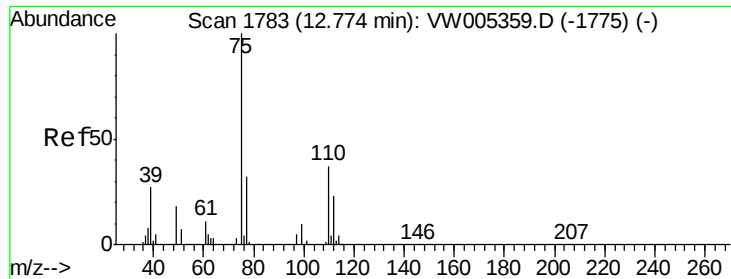
43 100

58 20.8 41.6 62.4#

57 24.9 15.0 22.6#

100 2.6 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.029 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW005369.D
 Acq: 14 Sep 2018 00:09

Instrument :
 MSVOA_W
 ClientSampleId :
 DB3N4

Tgt Ion: 75 Resp: 14391
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.7 38.5

