

Data File : VW009909.D
Acq On : 11 Apr 2019 12:39
Operator : SY/VA
Sample : K2304-05
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF890

Quant Time: Apr 12 02:06:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 01:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	224178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	158502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	25388	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	49897	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.04%
7) Chloroethane-d5	2.89	69	58060	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.01	63	98611	15.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.52%
20) 2-Butanone-d5	7.08	46	52187	54.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.58%
24) Chloroform-d	7.65	84	196723	32.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	128.64%
26) 1,2-Dichloroethane-d4	8.45	65	70	0.02	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	322508	38.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.04%#
33) 1,2-Dichloropropane-d6	9.27	67	116441	45.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	181.24%#
37) Toluene-d8	10.32	98	215398	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.57	79	36876	30.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.36%
39) 2-Hexanone-d5	10.93	63	25824	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66821	27.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	23150	25.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.96%

Target Compounds

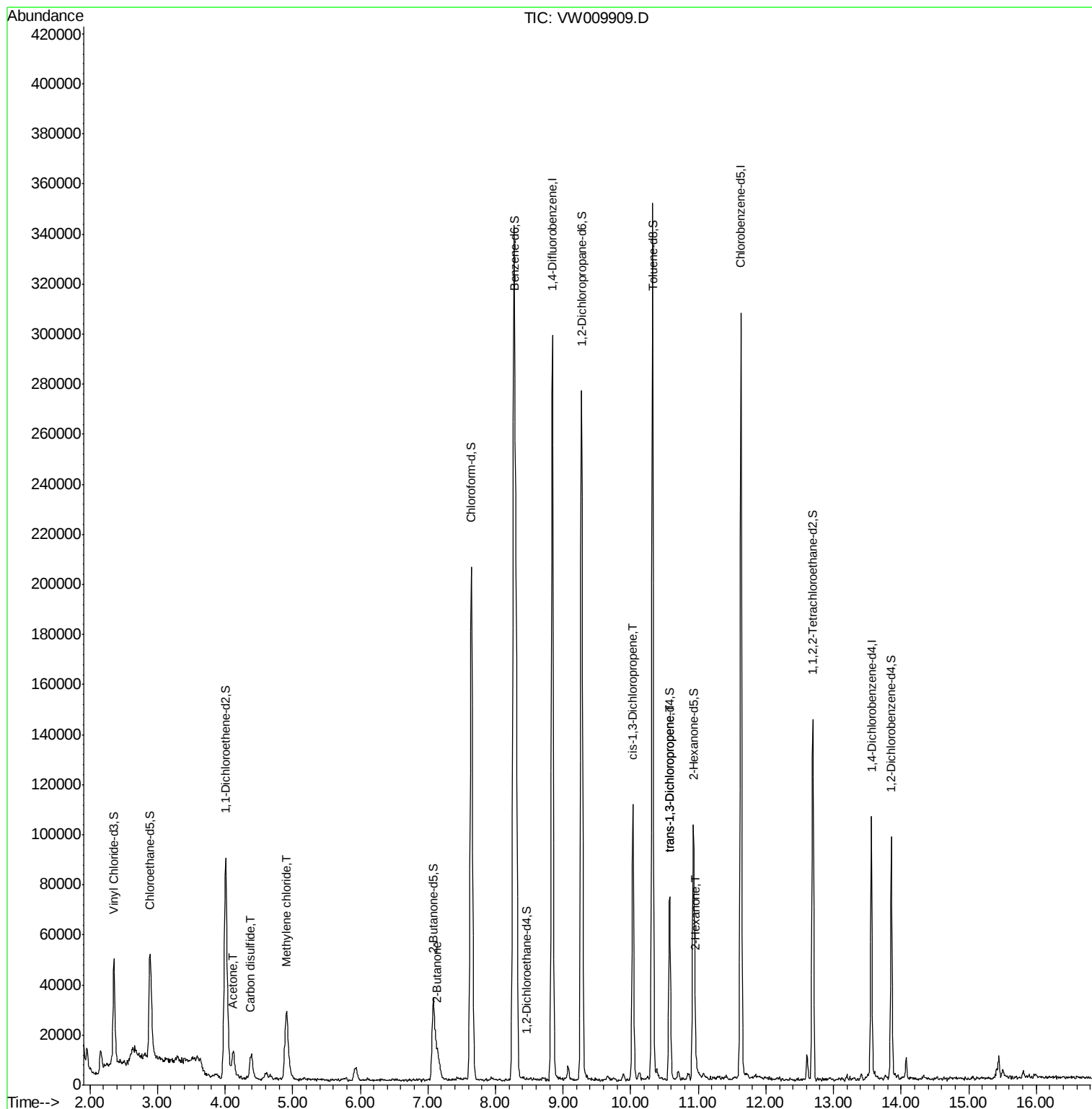
						Qvalue
13) Acetone	4.11	43	8029	7.867	ug/L	77
14) Carbon disulfide	4.37	76	9718	1.050	ug/L	99
16) Methylene chloride	4.92	84	20941	5.297	ug/L	93
21) 2-Butanone	7.14	43	11749	9.052	ug/L #	57
42) cis-1,3-Dichloropropene	10.04	75	3291	0.870	ug/L #	80
45) trans-1,3-Dichloropropene	10.58	75	1804	0.553	ug/L #	32
49) 2-Hexanone	10.96	43	7943	5.626	ug/L #	43

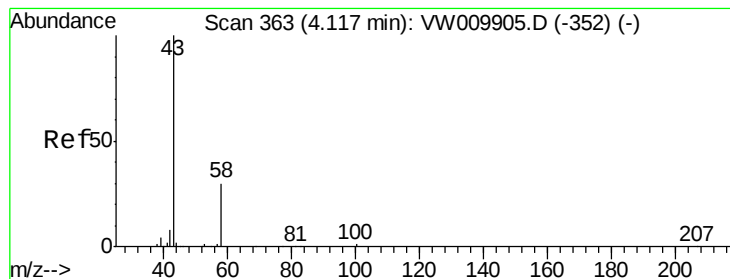
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.867 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

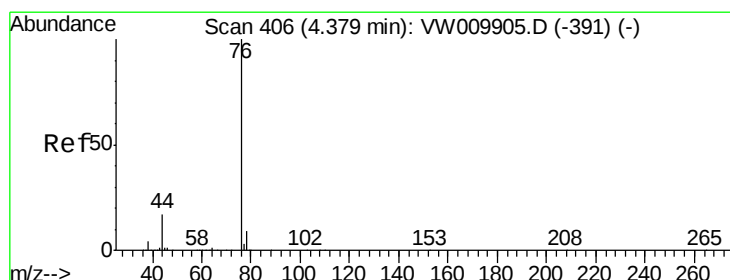
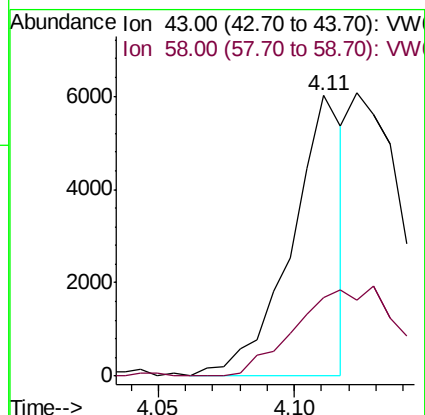
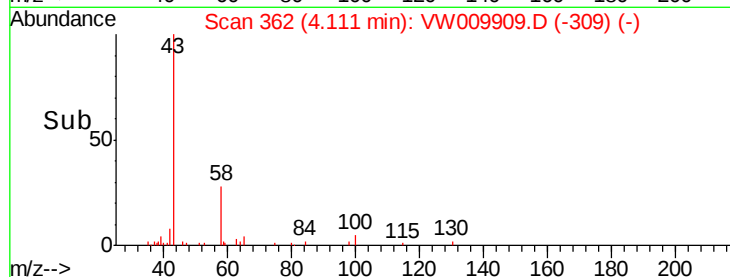
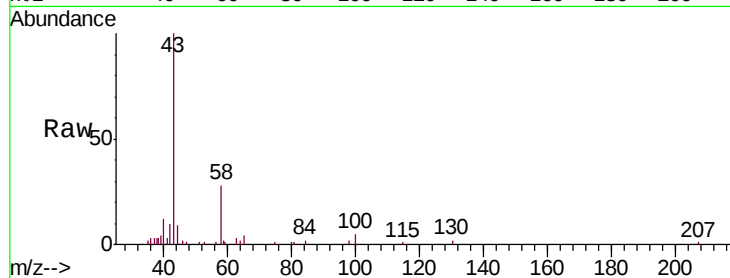
BF890

Tgt Ion: 43 Resp: 8029

Ion Ratio Lower Upper

43 100

58 38.6 0.0 53.0



#14

Carbon disulfide

Concen: 1.050 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009909.D

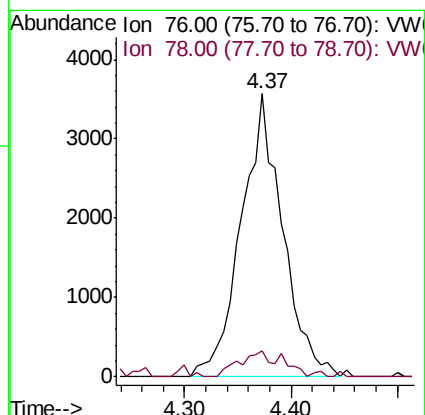
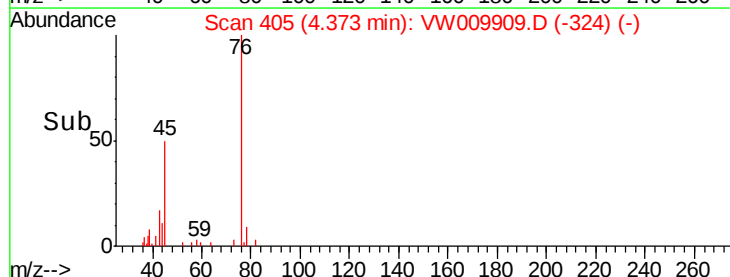
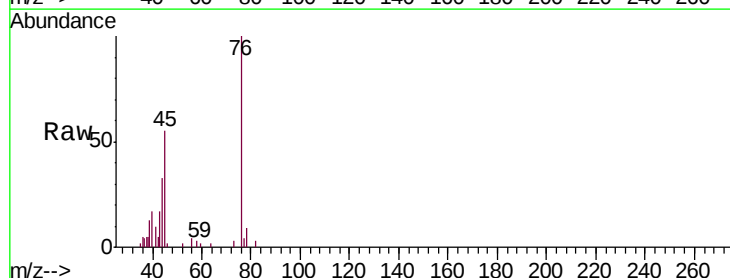
Acq: 11 Apr 2019 12:39

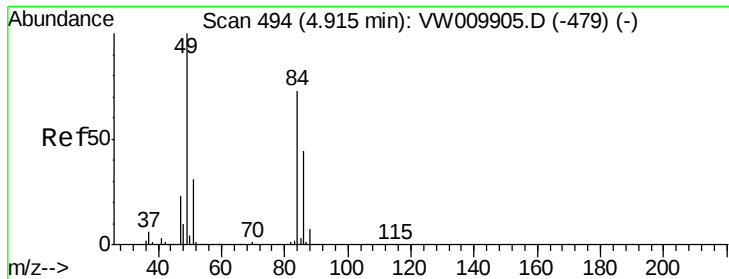
Tgt Ion: 76 Resp: 9718

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

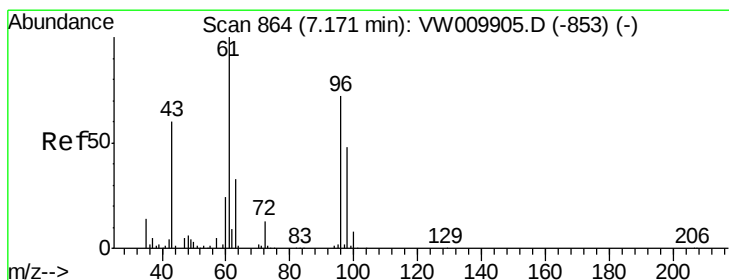
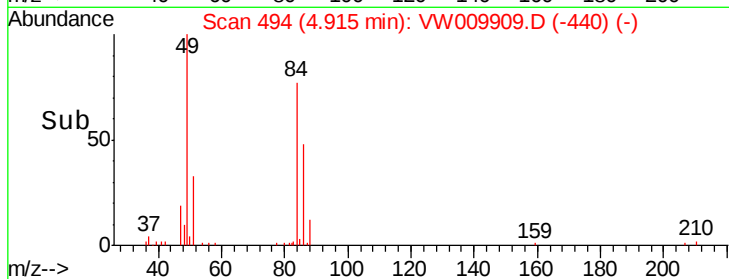
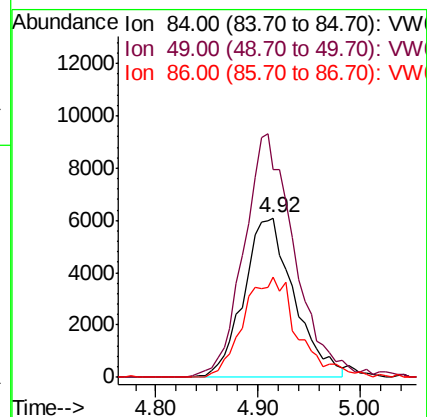
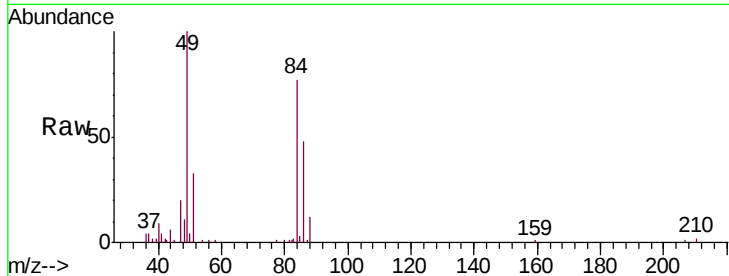




#16
Methylene chloride
Concen: 5.297 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009909.D
Acq: 11 Apr 2019 12:39

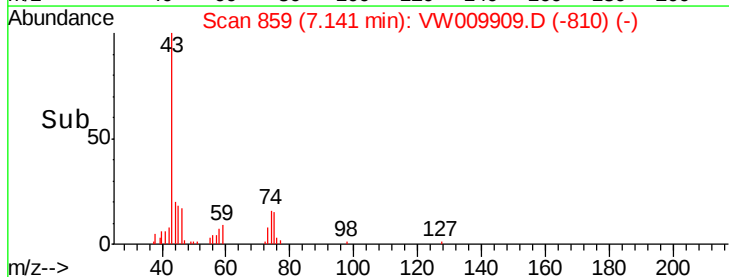
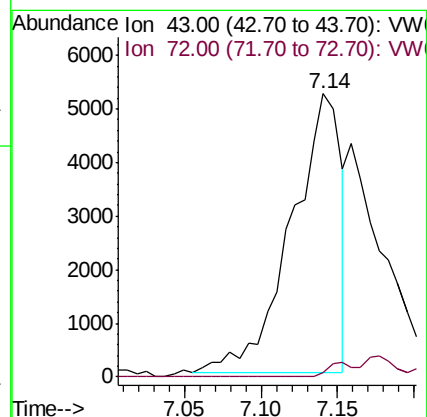
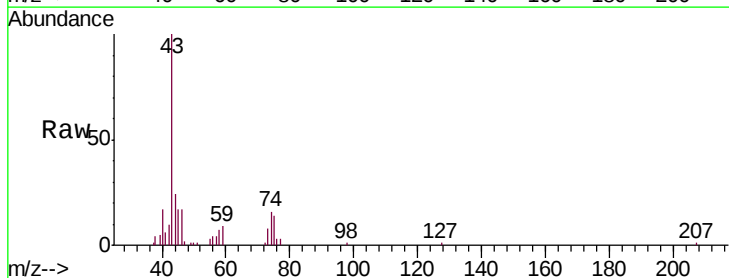
Instrument :
MSVOA_W
ClientSampleId :
BF890

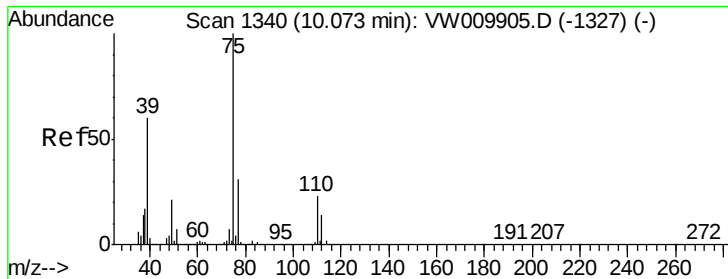
Tgt Ion: 84 Resp: 20941
Ion Ratio Lower Upper
84 100
49 130.1 98.3 182.5
86 62.5 46.4 86.2



#21
2-Butanone
Concen: 9.052 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW009909.D
Acq: 11 Apr 2019 12:39

Tgt Ion: 43 Resp: 11749
Ion Ratio Lower Upper
43 100
72 3.0 12.0 36.1#





#42

cis-1,3-Dichloropropene

Concen: 0.870 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009909.D

Acq: 11 Apr 2019 12:39

Instrument :

MSVOA_W

ClientSampled :

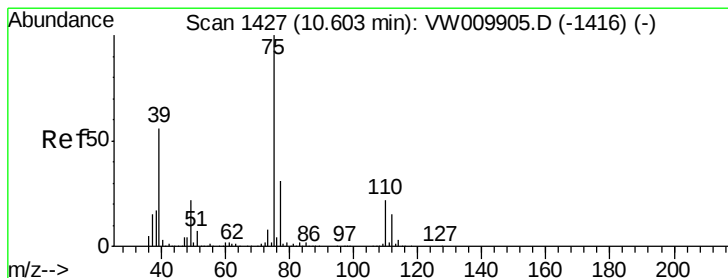
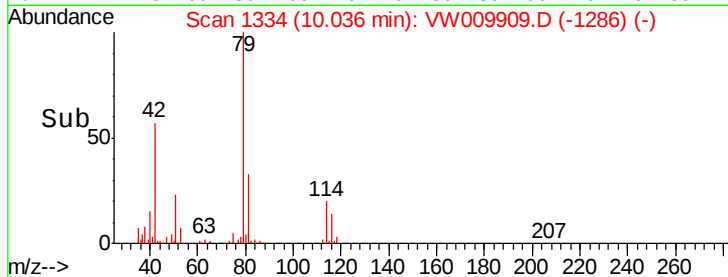
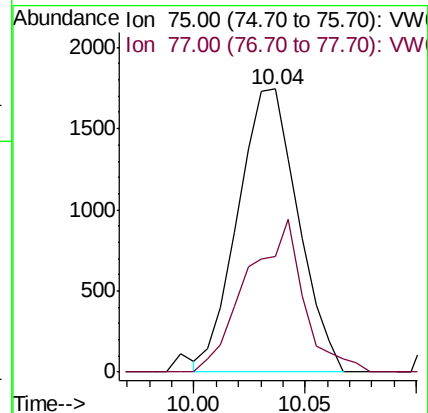
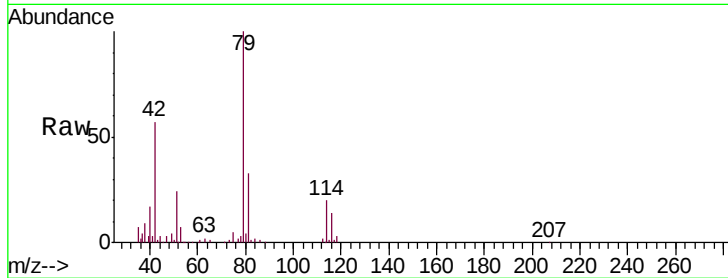
BF890

Tgt Ion: 75 Resp: 3291

Ion Ratio Lower Upper

75 100

77 41.0 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009909.D

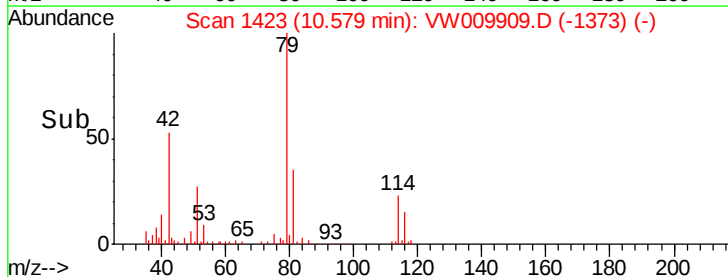
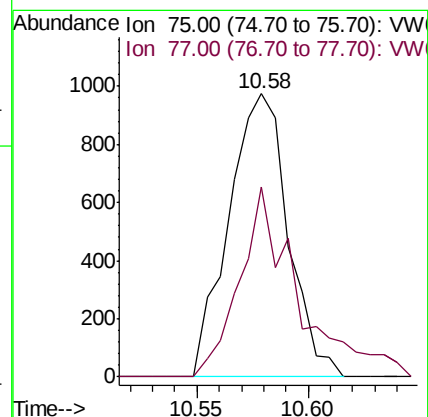
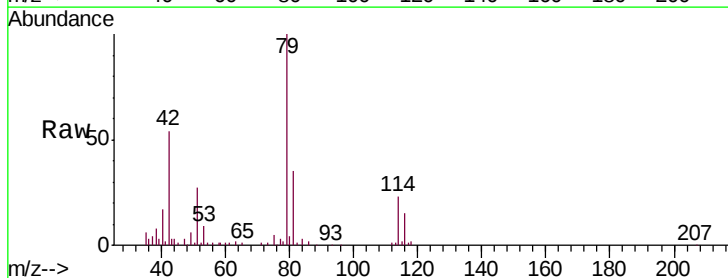
Acq: 11 Apr 2019 12:39

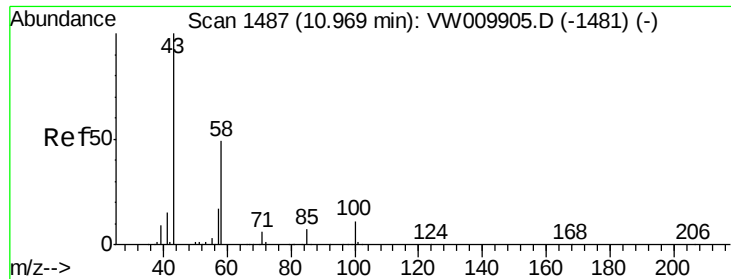
Tgt Ion: 75 Resp: 1804

Ion Ratio Lower Upper

75 100

77 67.4 21.1 39.3#





#49

2-Hexanone

Concen: 5.626 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW009909.D

Acq: 11 Apr 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

BF890

Tgt Ion: 43 Resp: 7943

Ion Ratio Lower Upper

43 100

58 0.0 38.9 58.3#

57 0.7 13.8 20.6#

100 1.8 8.6 13.0#

