

Data File : VW009920.D
Acq On : 11 Apr 2019 17:39
Operator : SY/VA
Sample : K2303-15
Misc : 5.92G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF883

Quant Time: Apr 12 02:08:04 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	307905	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	339821	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142431	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	58644	14.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.20%
7) Chloroethane-d5	2.89	69	65977	17.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.48%
10) 1,1-Dichloroethene-d2	4.01	63	127651	14.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.92%
20) 2-Butanone-d5	7.08	46	123014	94.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	188.06%#
24) Chloroform-d	7.64	84	259943	30.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.76%
26) 1,2-Dichloroethane-d4	8.31	65	203887	39.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	158.12%#
29) Benzene-d6	8.27	84	462065	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.27	67	175985	31.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.76%#
37) Toluene-d8	10.32	98	397837	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	10.58	79	70862	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.88%
39) 2-Hexanone-d5	10.93	63	78428	75.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166420	32.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.96%#
61) 1,2-Dichlorobenzene-d4	13.86	152	173295	34.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	138.68%#

Target Compounds

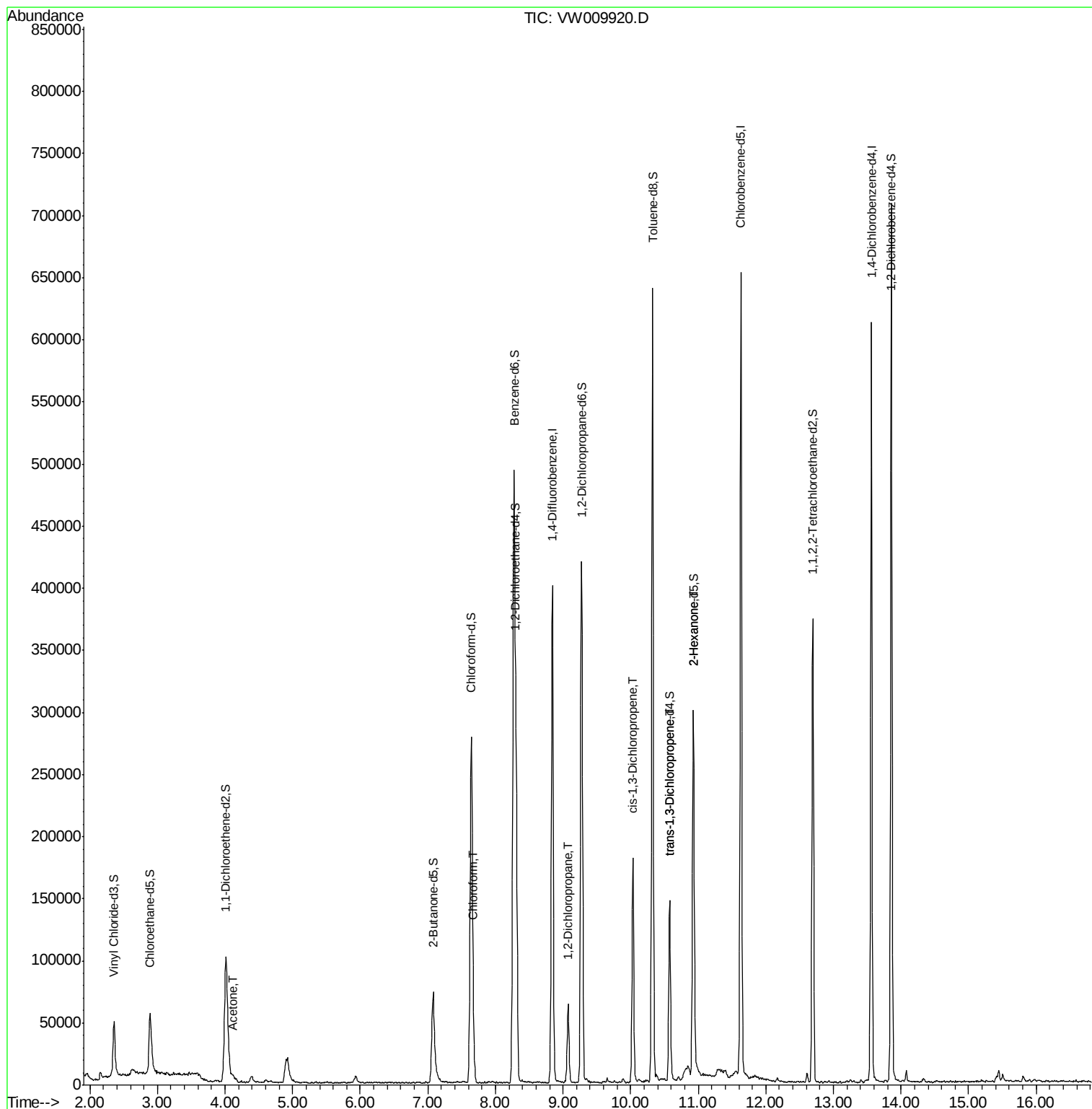
					Qvalue
13) Acetone	4.12	43	7703	5.496 ug/L	92
25) Chloroform	7.68	83	19847	2.321 ug/L #	74
40) 1,2-Dichloropropane	9.08	63	4034	0.771 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	5132	0.633 ug/L #	65
45) trans-1,3-Dichloropropene	10.57	75	3782	0.541 ug/L #	61
49) 2-Hexanone	10.93	43	15545	5.135 ug/L #	82

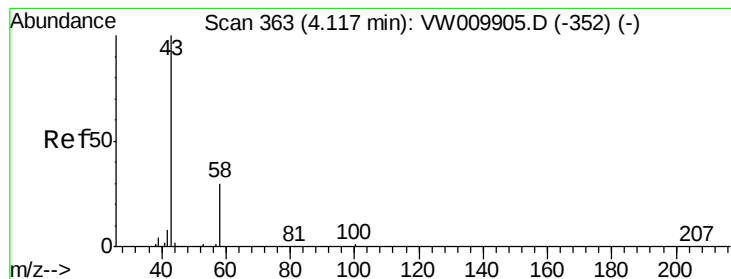
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.496 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

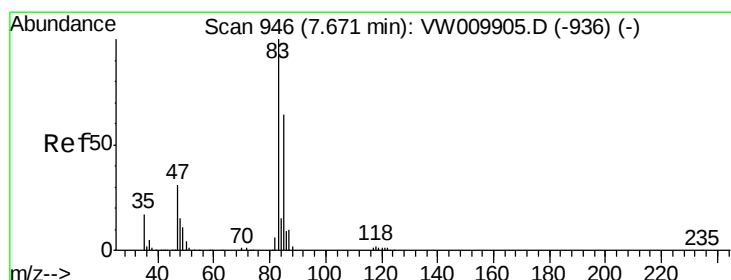
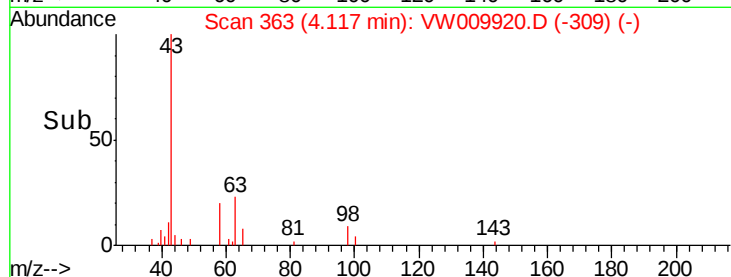
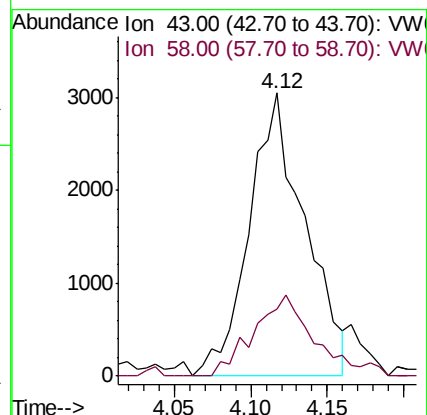
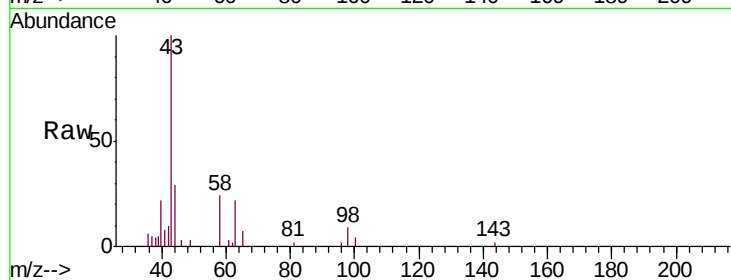
BF883

Tgt Ion: 43 Resp: 7703

Ion Ratio Lower Upper

43 100

58 30.4 0.0 53.0



#25

Chloroform

Concen: 2.321 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW009920.D

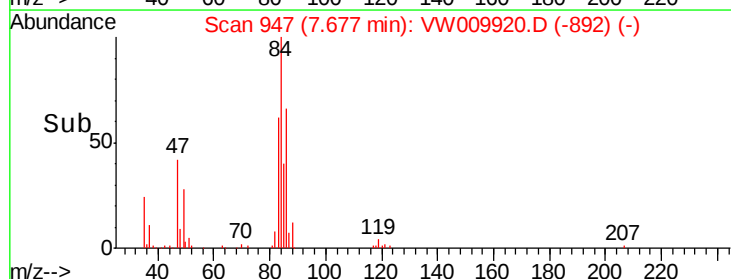
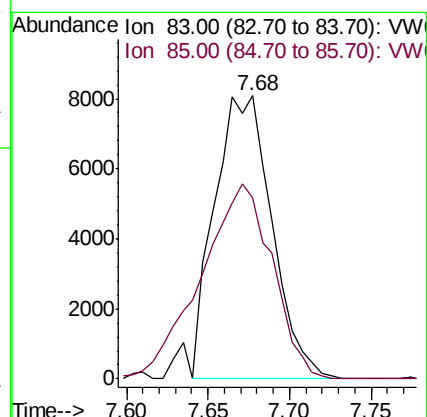
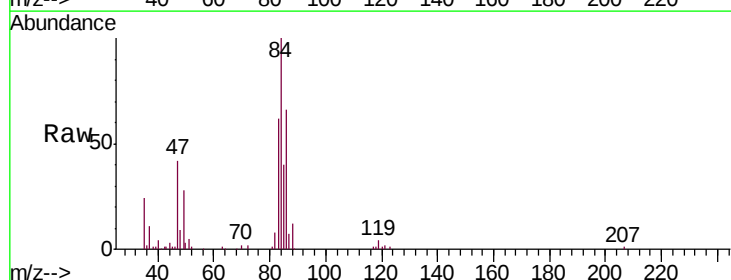
Acq: 11 Apr 2019 17:39

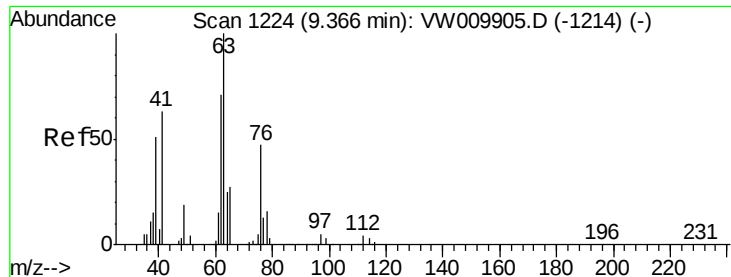
Tgt Ion: 83 Resp: 19847

Ion Ratio Lower Upper

83 100

85 85.5 45.6 84.8#

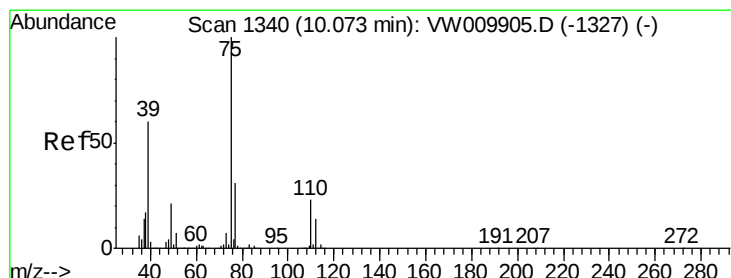
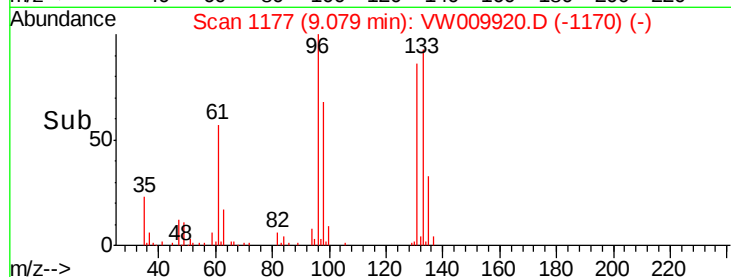
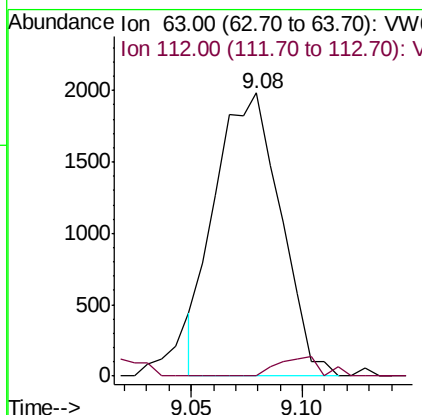
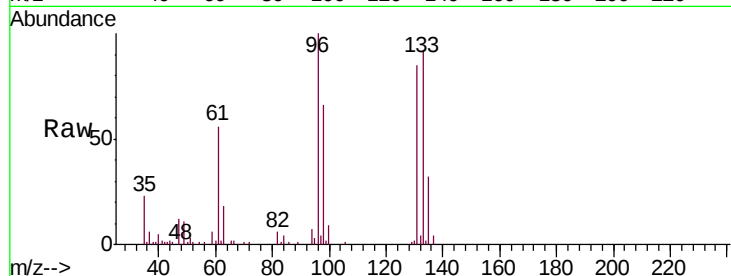




#40
 1,2-Dichloropropane
 Concen: 0.771 ug/L
 RT: 9.08 min Scan# 1177
 Delta R.T. -0.29 min
 Lab File: VW009920.D
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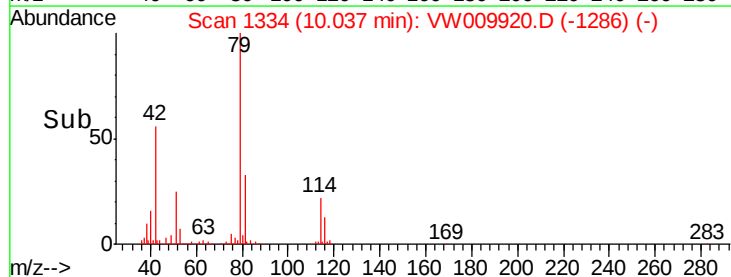
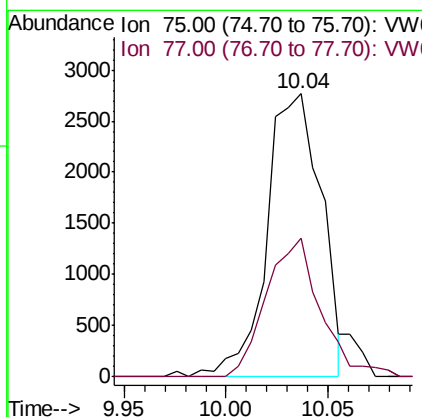
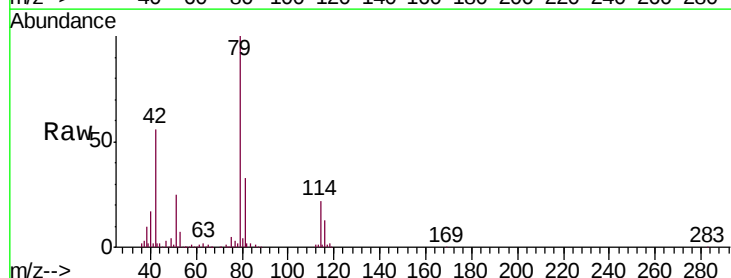
Instrument :
 MSVOA_W
 ClientSampled :
 BF883

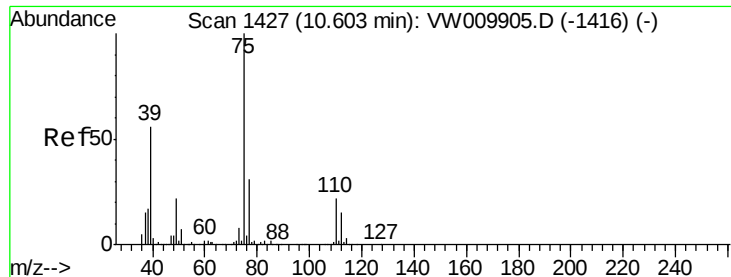
Tgt Ion: 63 Resp: 4034
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.8 5.8



#42
 cis-1,3-Dichloropropene
 Concen: 0.633 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009920.D
 Acq: 11 Apr 2019 17:39

Tgt Ion: 75 Resp: 5132
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009920.D

Acq: 11 Apr 2019 17:39

Instrument :

MSVOA_W

ClientSampleId :

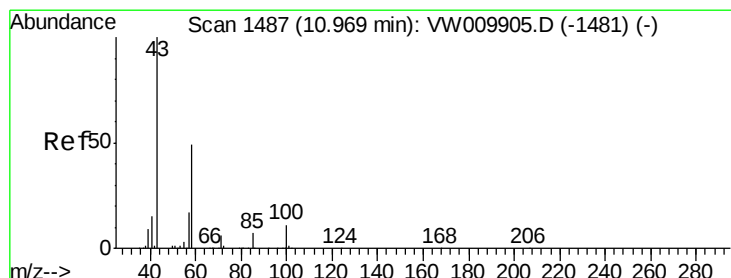
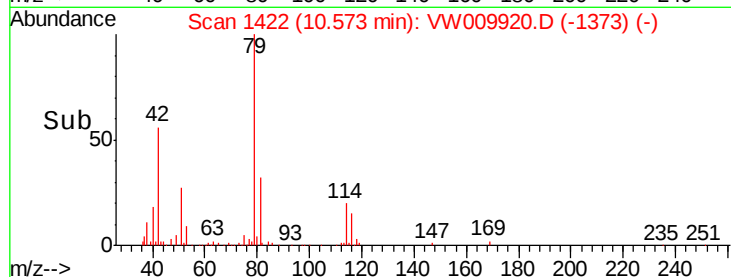
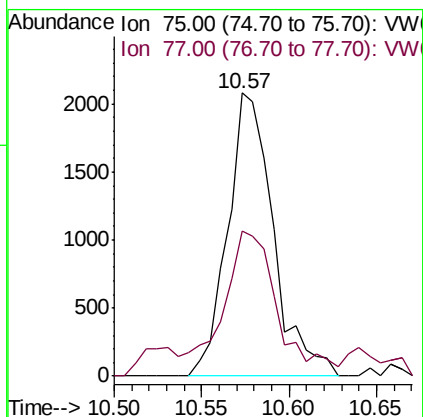
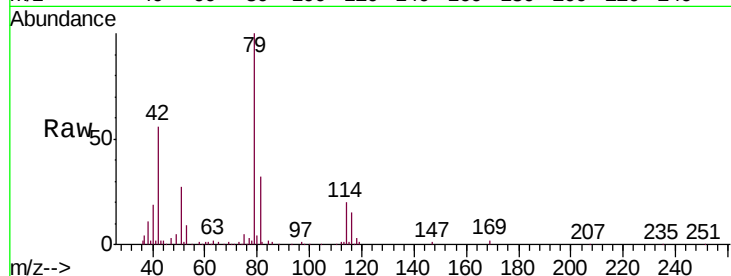
BF883

Tgt Ion: 75 Resp: 3782

Ion Ratio Lower Upper

75 100

77 51.5 21.1 39.3#



#49

2-Hexanone

Concen: 5.135 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009920.D

Acq: 11 Apr 2019 17:39

Tgt Ion: 43 Resp: 15545

Ion Ratio Lower Upper

43 100

58 39.8 38.9 58.3

57 31.0 13.8 20.6#

100 4.7 8.6 13.0#

