

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092920\
 Data File : VW016682.D
 Acq On : 29 Sep 2020 11:06
 Operator : SY/VA
 Sample : L4149-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Sep 30 07:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 07:14:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	623623	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	553738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276451	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	99501	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.92%
7) Chloroethane-d5	2.90	69	92182	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.03	63	167094	12.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.52%
20) 2-Butanone-d5	7.09	46	79664	48.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.82%
24) Chloroform-d	7.65	84	297497	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	158007	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.28	84	523262	21.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.28%
33) 1,2-Dichloropropane-d6	9.28	67	156956	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.33	98	475219	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.80%
38) trans-1,3-Dichloropropene-	10.59	79	71687	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.52%
39) 2-Hexanone-d5	10.93	63	63583	51.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146402	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	209928	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

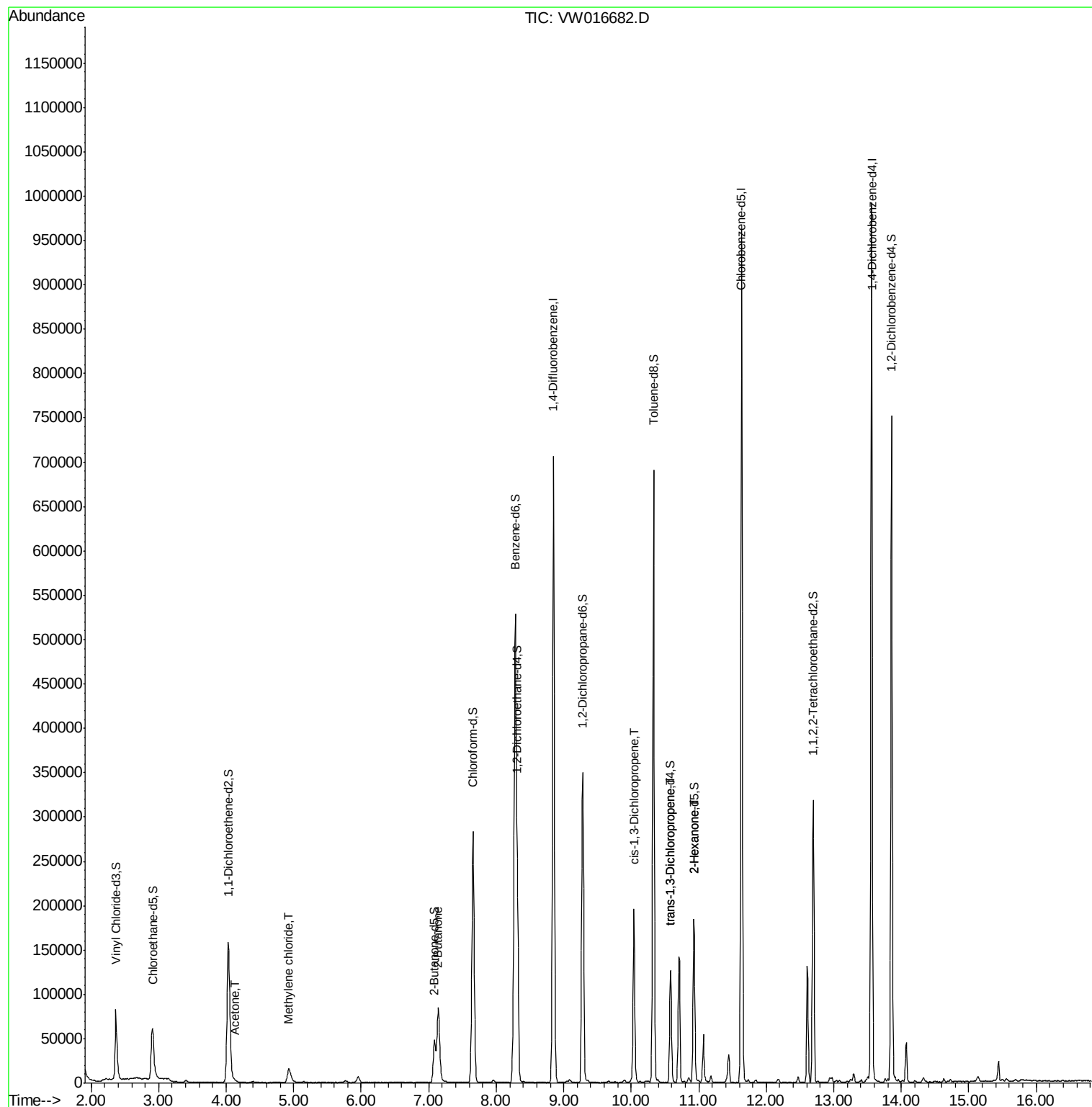
					Ovalue
13) Acetone	4.14	43	2937	2.278 ug/L	98
16) Methylene chloride	4.93	84	14088	1.465 ug/L	91
21) 2-Butanone	7.13	43	1730	0.789 ug/L	82
42) cis-1,3-Dichloropropene	10.04	75	6016	0.510 ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	3778	0.368 ug/L #	79
49) 2-Hexanone	10.93	43	7989	2.870 ug/L #	65

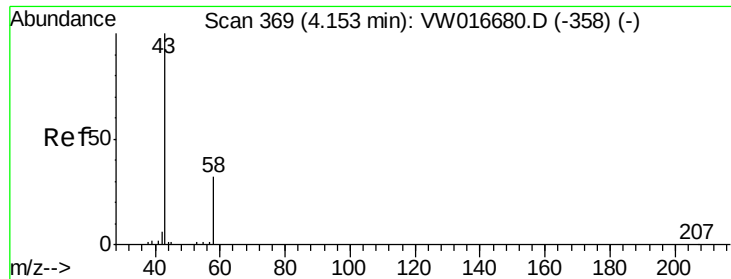
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.278 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016682.D

Acq: 29 Sep 2020 11:06

Instrument :

MSVOA_W

ClientSampled :

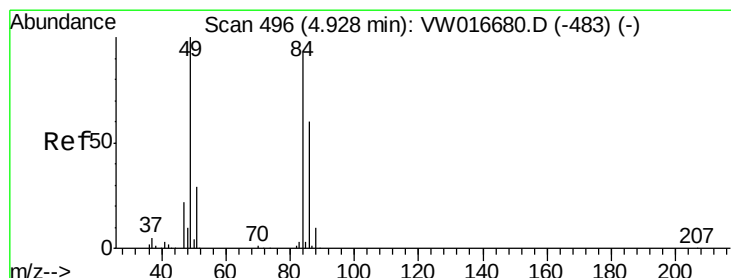
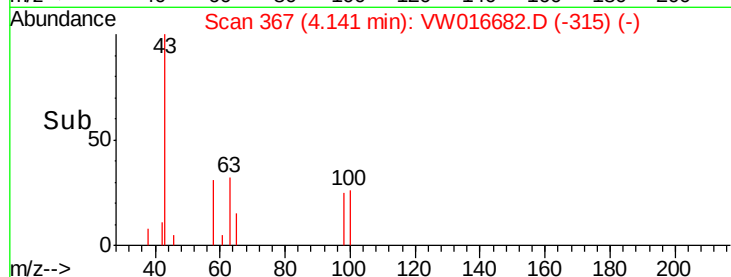
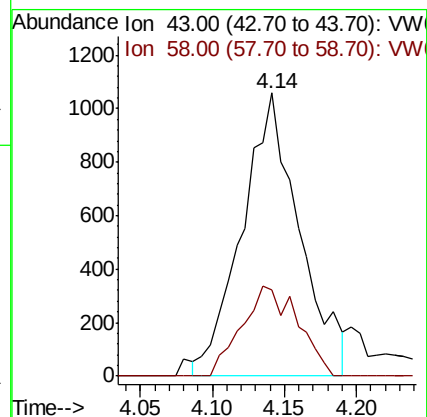
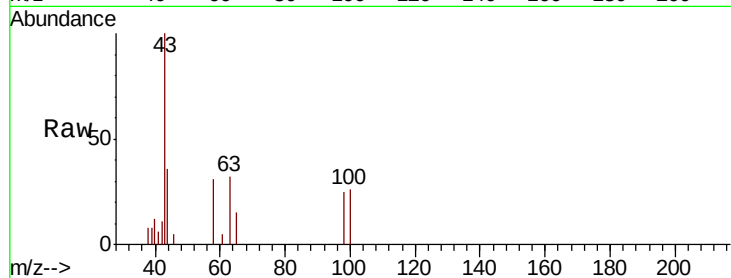
VHBLK02

Tot Ion: 43 Resp: 2937

Ion Ratio Lower Upper

43 100

58 30.9 0.0 60.2



#16

Methylene chloride

Concen: 1.465 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW016682.D

Acq: 29 Sep 2020 11:06

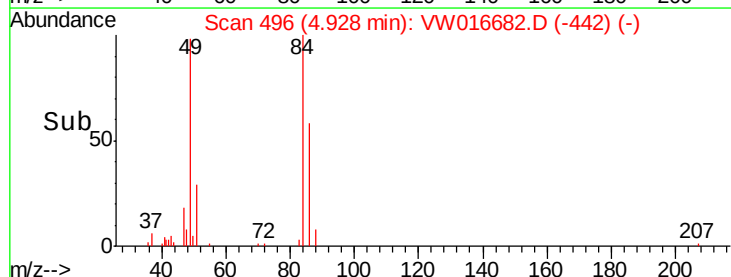
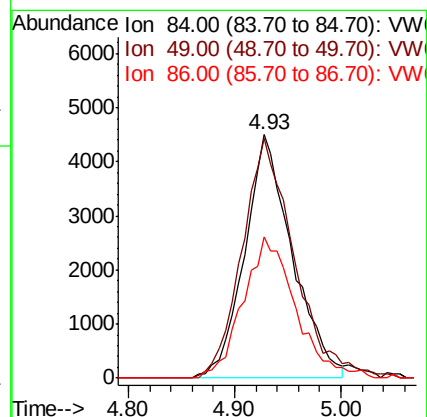
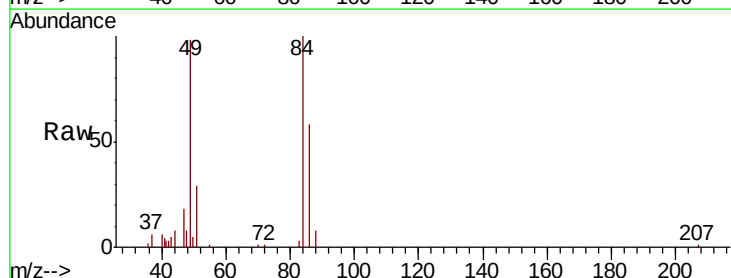
Tgt Ion: 84 Resp: 14088

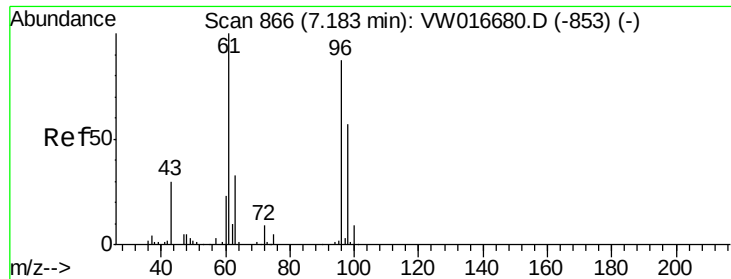
Ion Ratio Lower Upper

84 100

49 98.4 76.0 141.2

86 58.0 45.6 84.6





#21

2-Butanone

Concen: 0.789 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.05 min

Lab File: VW016682.D

Acq: 29 Sep 2020 11:06

Instrument :

MSVOA_W

ClientSampled :

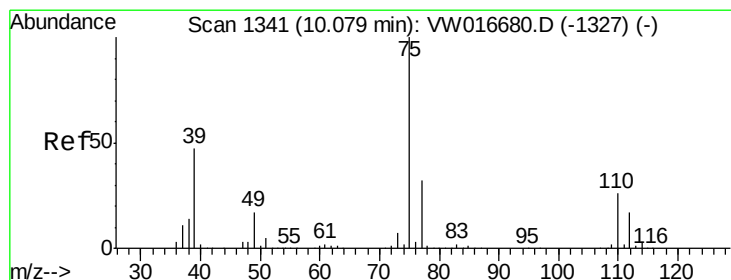
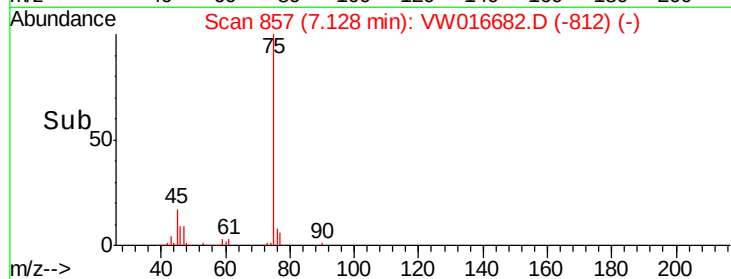
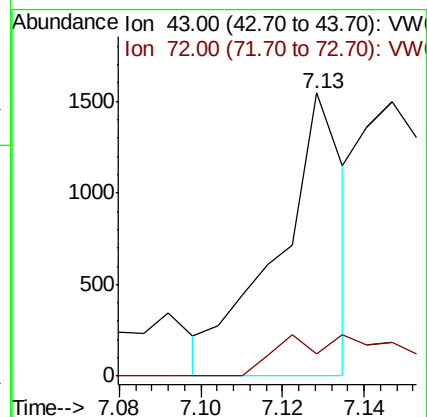
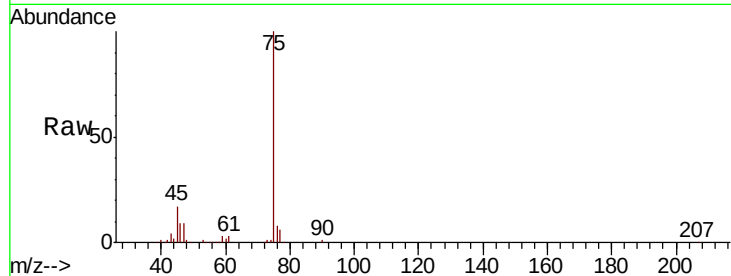
VHBLK02

Tot Ion: 43 Resp: 1730

Ion Ratio Lower Upper

43 100

72 19.6 14.6 43.8



#42

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016682.D

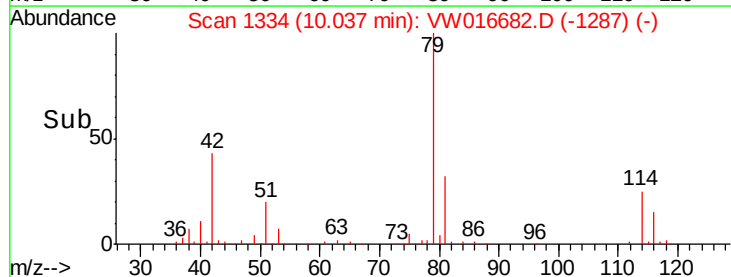
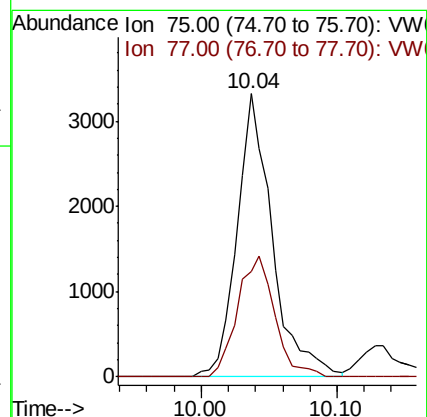
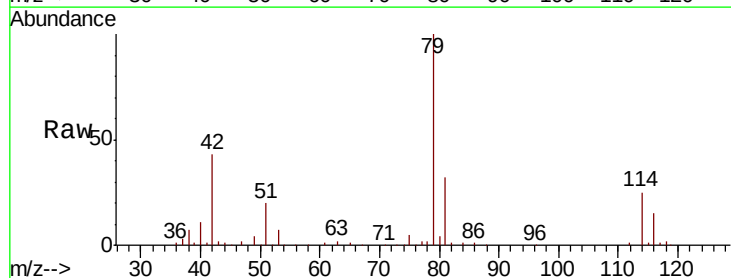
Acq: 29 Sep 2020 11:06

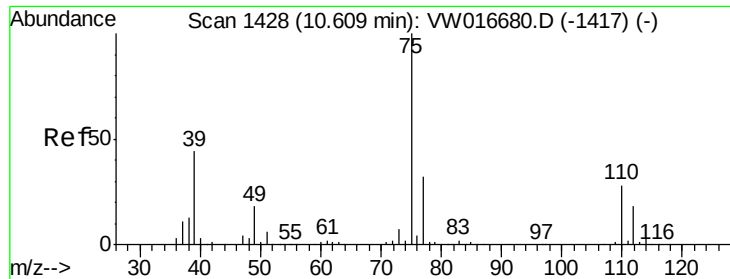
Tgt Ion: 75 Resp: 6016

Ion Ratio Lower Upper

75 100

77 37.5 22.2 41.2





#45

trans-1,3-Dichloropropene

Concen: 0.368 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016682.D

Acq: 29 Sep 2020 11:06

Instrument :

MSVOA_W

ClientSampleId :

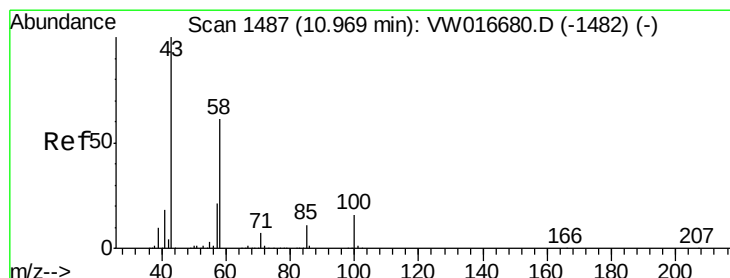
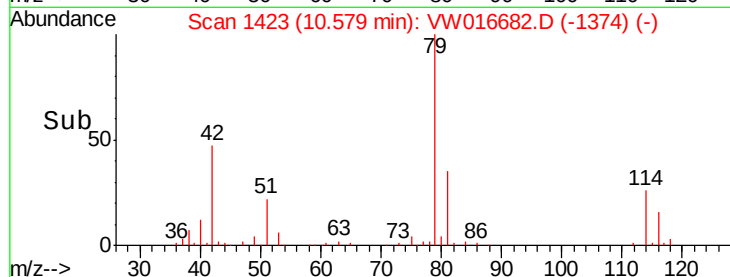
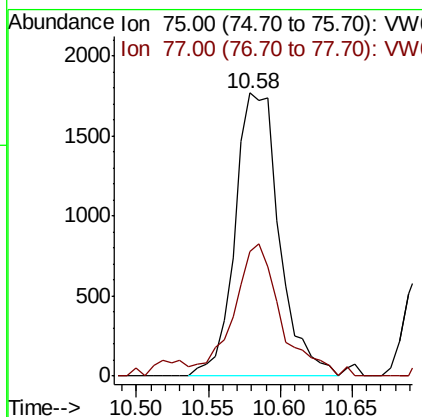
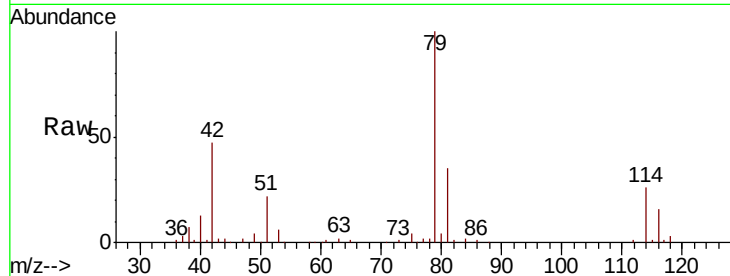
VHBLK02

Tot Ion: 75 Resp: 3778

Ion Ratio Lower Upper

75 100

77 43.9 22.5 41.9#



#49

2-Hexanone

Concen: 2.870 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016682.D

Acq: 29 Sep 2020 11:06

Tgt Ion: 43 Resp: 7989

Ion Ratio Lower Upper

43 100

58 22.0 44.2 66.2#

57 22.3 16.3 24.5

100 0.0 12.4 18.6#

