

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102620\
 Data File : VW017001.D
 Acq On : 26 Oct 2020 16:09
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

Quant Time: Oct 27 08:25:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	505062	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	471019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	237210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122964	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
7) Chloroethane-d5	2.89	69	98268	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	4.02	63	181670	16.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.08%
20) 2-Butanone-d5	7.08	46	80720	73.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.02%#
24) Chloroform-d	7.65	84	277037	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.31	65	148208	27.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.12%
29) Benzene-d6	8.27	84	564390	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	9.27	67	160822	24.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.52%
37) Toluene-d8	10.32	98	541693	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
38) trans-1,3-Dichloropropene-	10.58	79	69854	25.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.80%
39) 2-Hexanone-d5	10.93	63	67996	74.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155522	31.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	211037	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds

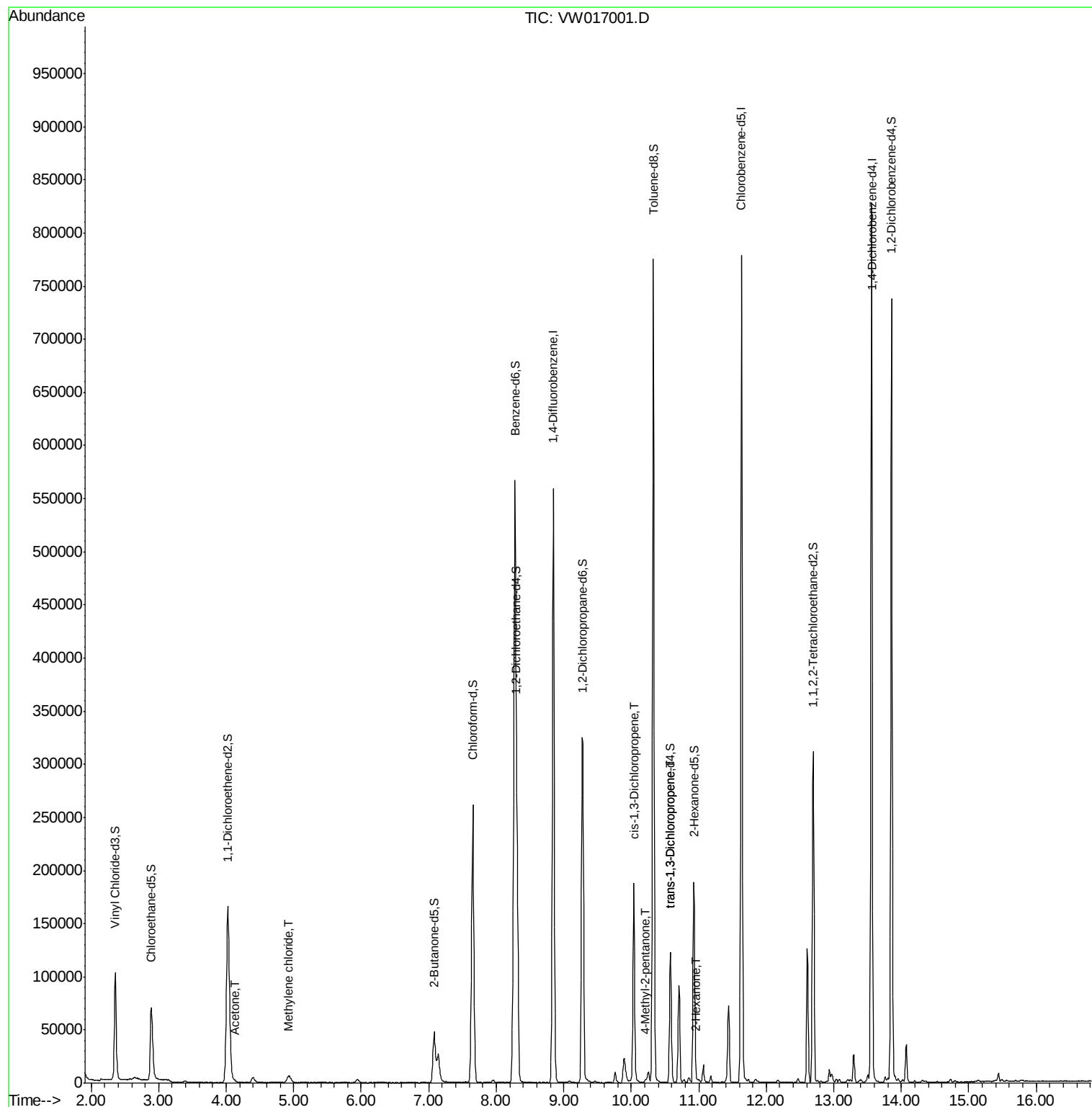
					Ovalue
13) Acetone	4.12	43	697	0.943 ug/L	85
16) Methylene chloride	4.93	84	6490	0.972 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	4868	0.536 ug/L #	61
43) 4-Methyl-2-pentanone	10.21	43	2677	0.972 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	3267	0.434 ug/L	87
49) 2-Hexanone	10.97	43	1072	0.611 ug/L #	49

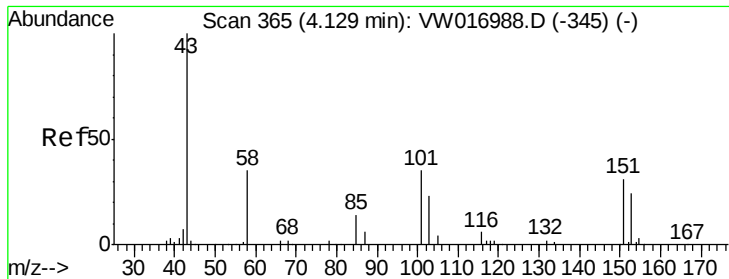
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 08:16:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.943 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

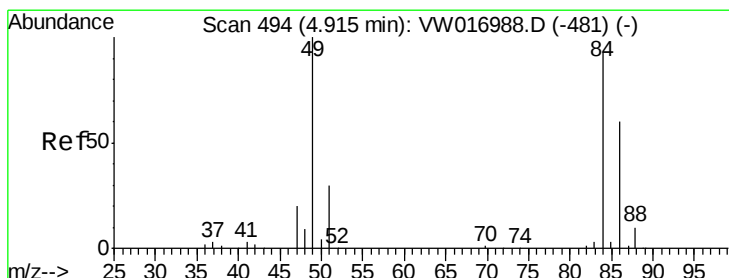
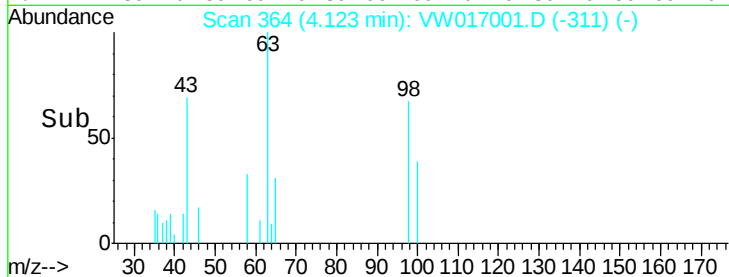
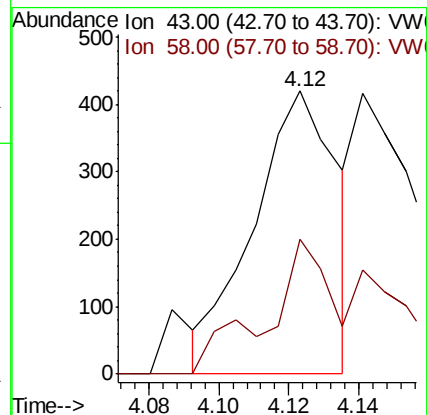
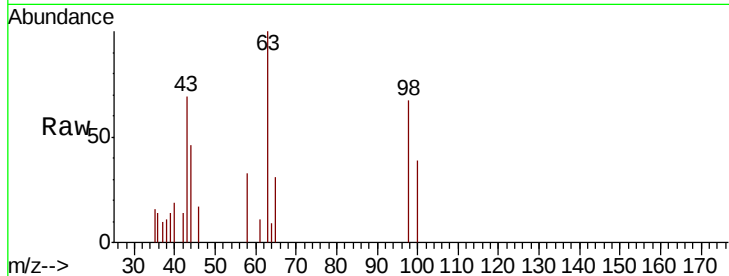
VIBLK26

Tot Ion: 43 Resp: 697

Ion Ratio Lower Upper

43 100

58 26.0 0.0 69.8



#16

Methylene chloride

Concen: 0.972 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

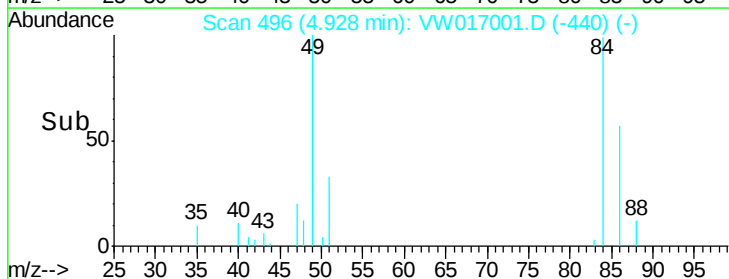
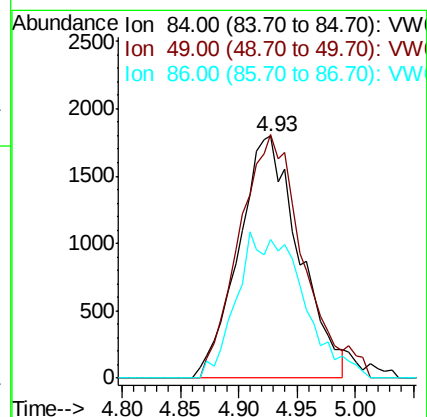
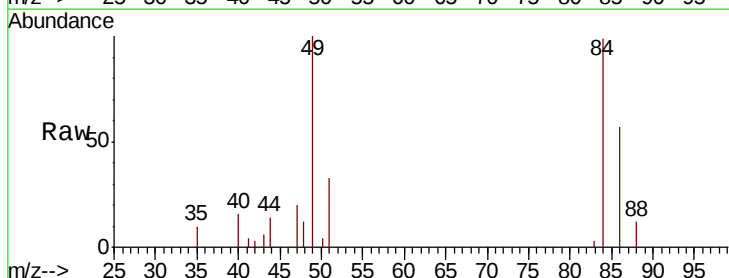
Tgt Ion: 84 Resp: 6490

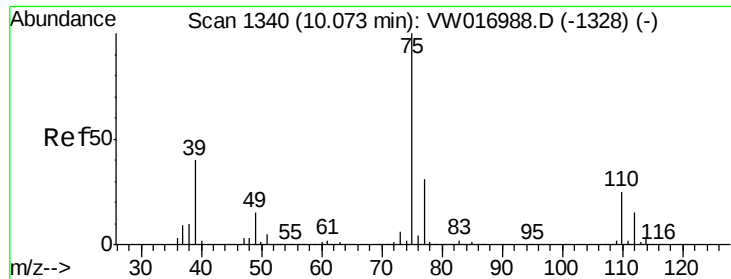
Ion Ratio Lower Upper

84 100

49 100.6 73.8 137.0

86 57.4 47.4 88.0





#42

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

Instrument :

MSVOA_W

ClientSampled :

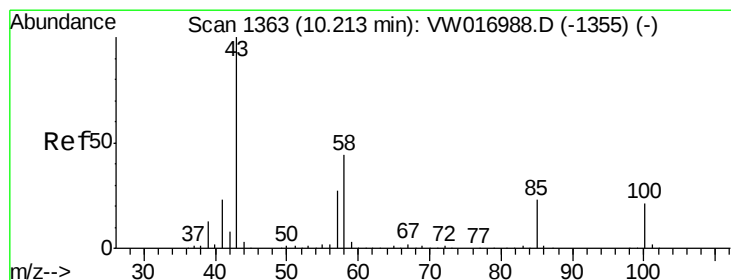
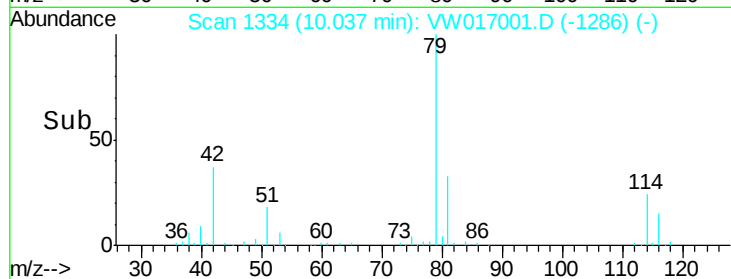
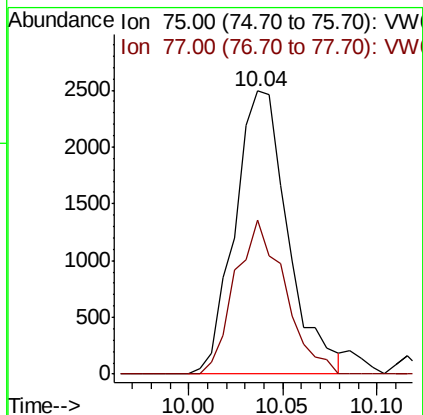
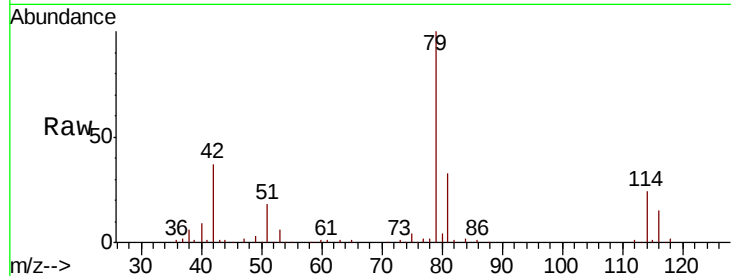
VIBLK26

Tot Ion: 75 Resp: 4868

Ion Ratio Lower Upper

75 100

77 54.5 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 0.972 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

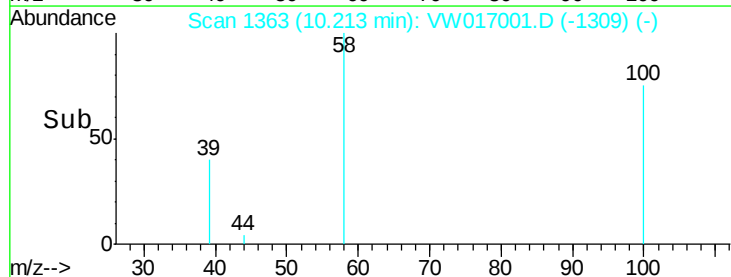
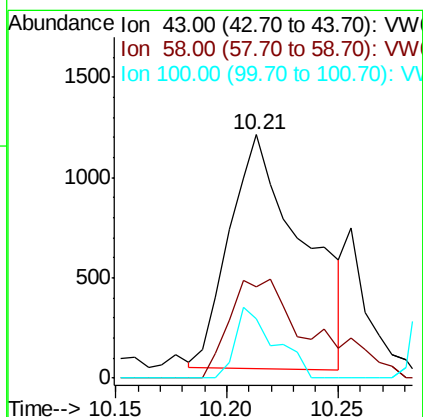
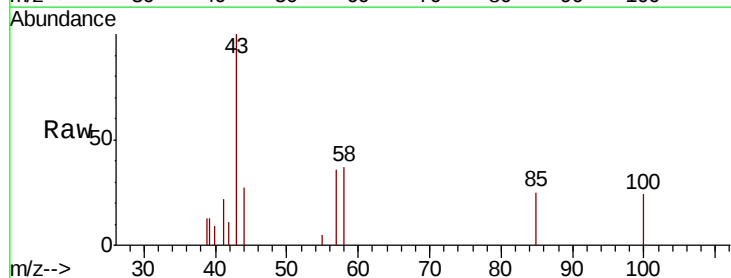
Tgt Ion: 43 Resp: 2677

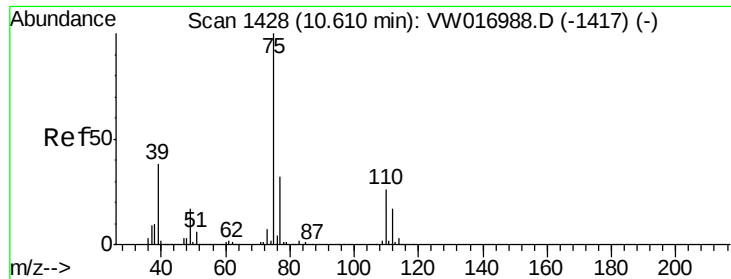
Ion Ratio Lower Upper

43 100

58 35.6 34.4 51.6

100 12.3 16.2 24.2#





#45

trans-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

Instrument :

MSVOA_W

ClientSampleId :

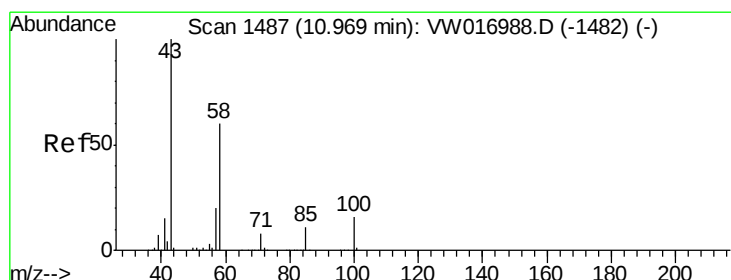
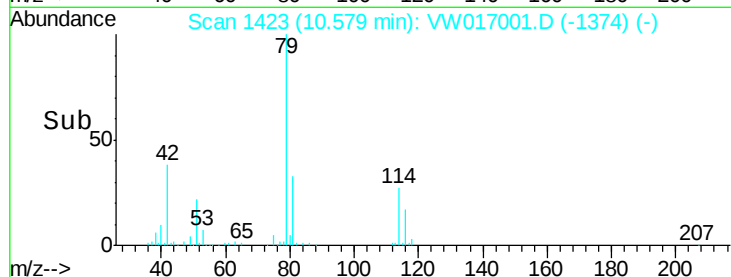
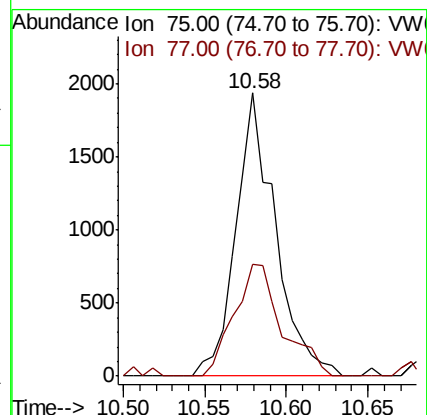
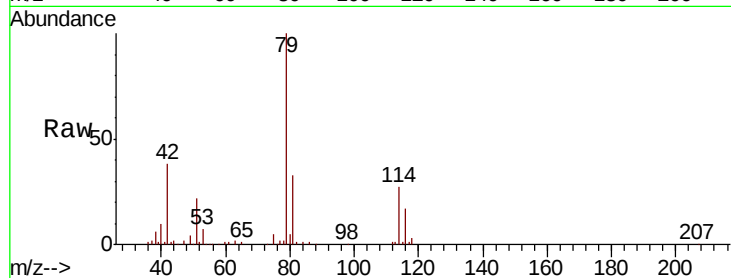
VIBLK26

Tot Ion: 75 Resp: 3267

Ion Ratio Lower Upper

75 100

77 39.5 22.7 42.3



#49

2-Hexanone

Concen: 0.611 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017001.D

Acq: 26 Oct 2020 16:09

Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

58 13.7 49.2 73.8#

57 0.0 17.0 25.4#

100 10.6 13.2 19.8#

