

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016825.D
 Acq On : 07 Oct 2020 10:57
 Operator : SY/VA
 Sample : VW1008SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK27

Quant Time: Oct 08 08:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	576578	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	510588	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243069	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119066	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
7) Chloroethane-d5	2.90	69	99689	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
10) 1,1-Dichloroethene-d2	4.03	63	180556	14.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.80%
20) 2-Butanone-d5	7.09	46	46502	36.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.18%
24) Chloroform-d	7.65	84	251404	20.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.64%
26) 1,2-Dichloroethane-d4	8.31	65	123192	20.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.84%
29) Benzene-d6	8.28	84	513866	22.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.64%
33) 1,2-Dichloropropane-d6	9.28	67	138438	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.84%
37) Toluene-d8	10.33	98	488168	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	10.59	79	55282	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	37801	39.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99054	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	172476	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

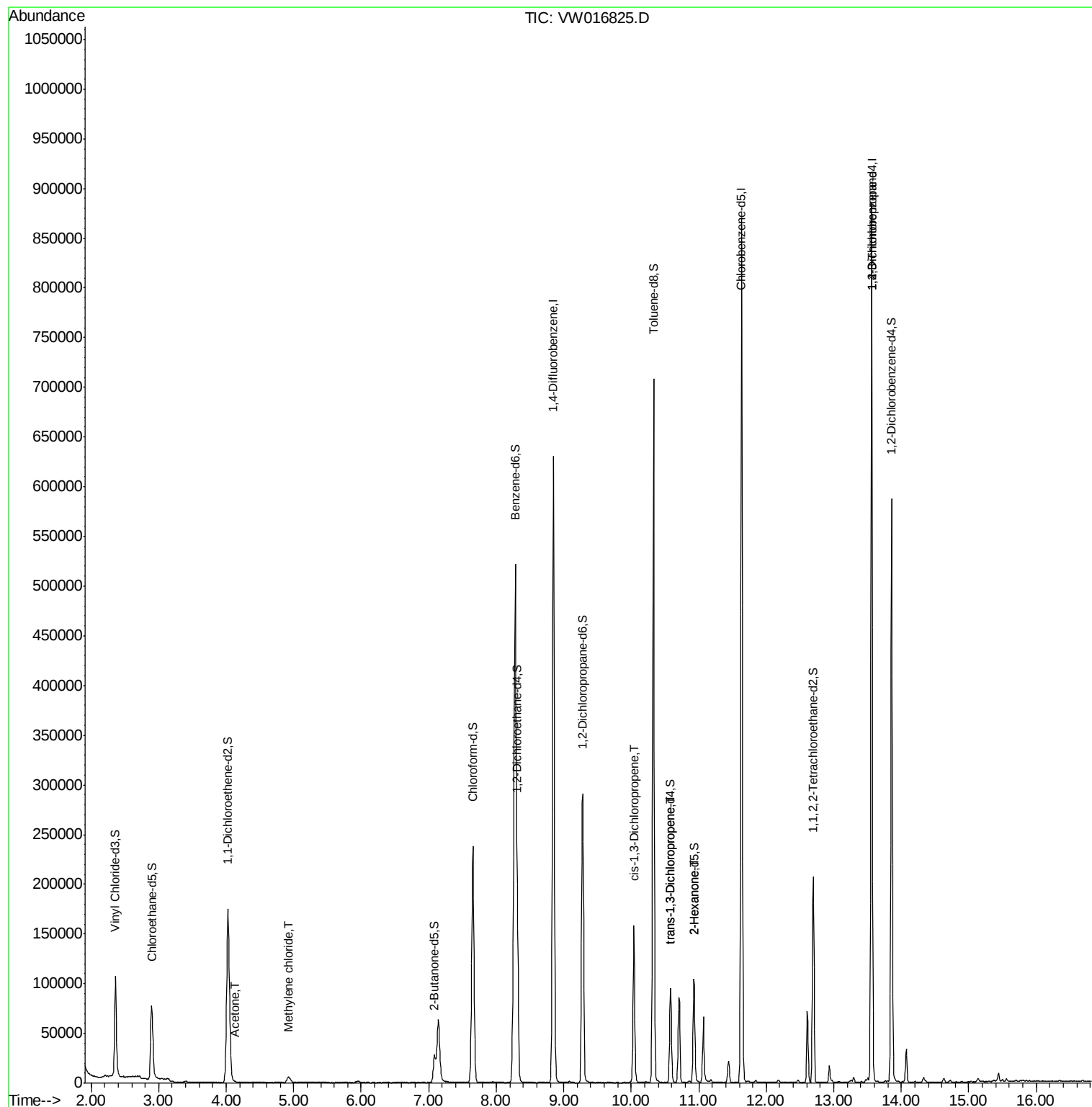
					Ovalue
13) Acetone	4.14	43	313	0.321 ug/L #	1
16) Methylene chloride	4.93	84	5220	0.656 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	4382	0.443 ug/L #	78
45) trans-1,3-Dichloropropene	10.59	75	2544	0.306 ug/L #	80
49) 2-Hexanone	10.93	43	4291	2.083 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	24419	6.052 ug/L	91

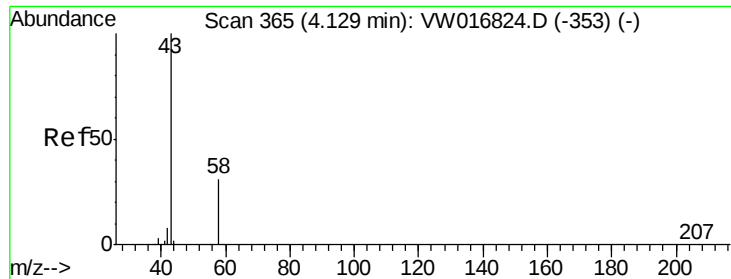
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.321 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016825.D

Acq: 07 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

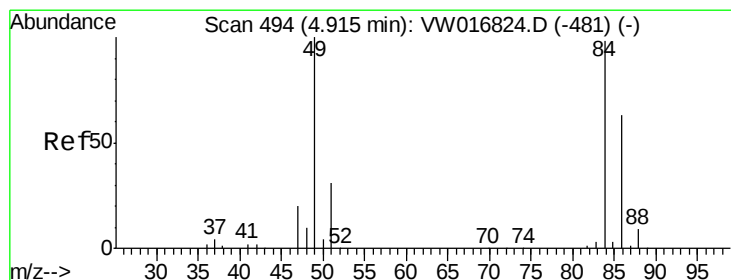
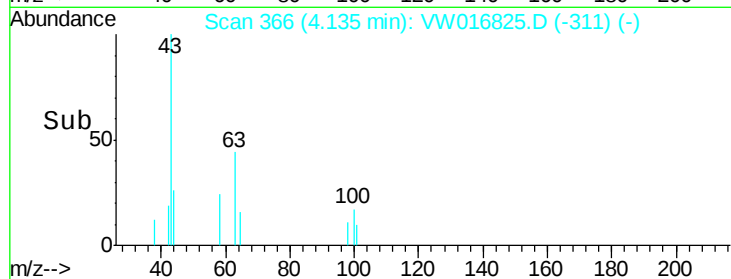
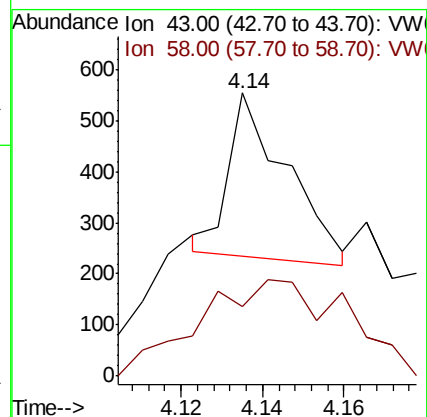
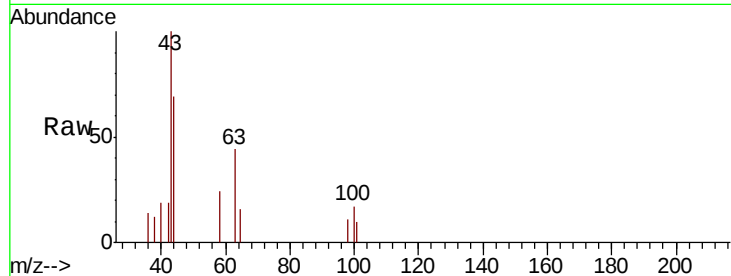
VBLK27

Tot Ion: 43 Resp: 313

Ion Ratio Lower Upper

43 100

58 149.8 0.0 67.6#



#16

Methylene chloride

Concen: 0.656 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

Lab File: VW016825.D

Acq: 07 Oct 2020 10:57

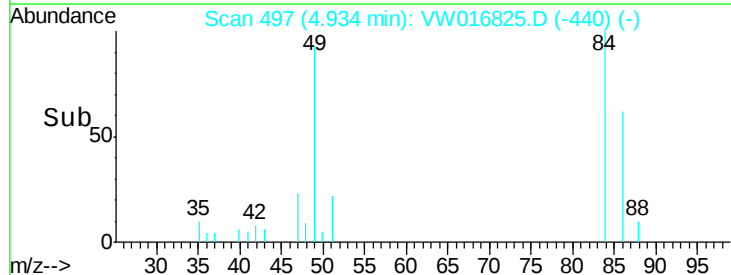
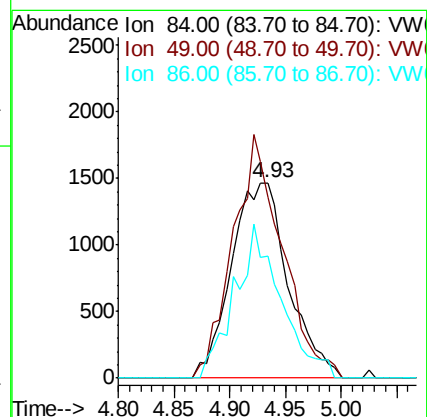
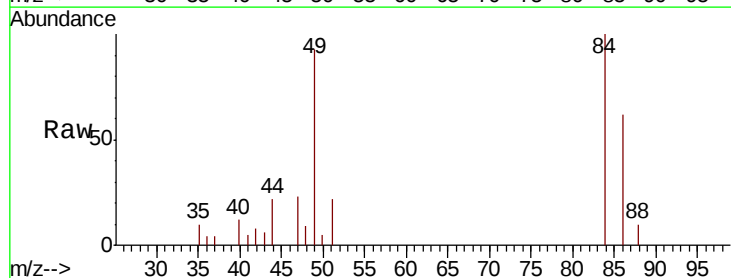
Tgt Ion: 84 Resp: 5220

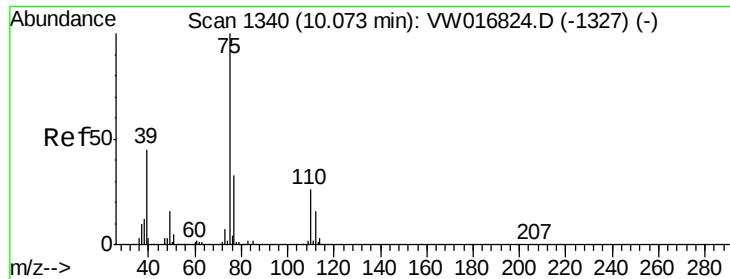
Ion Ratio Lower Upper

84 100

49 92.7 73.1 135.8

86 62.3 46.0 85.4





#42

cis-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016825.D

Acq: 07 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampled :

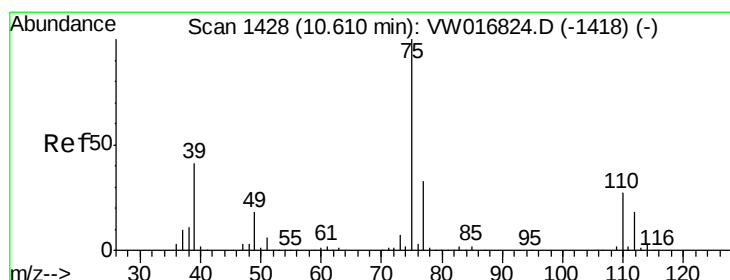
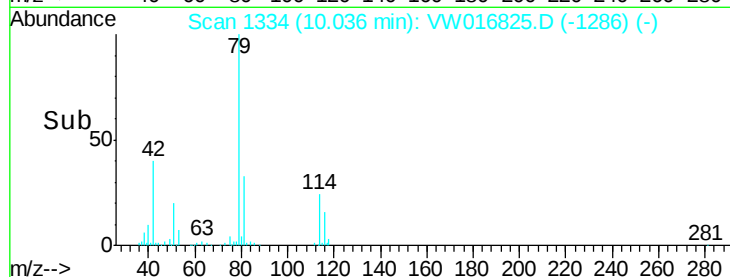
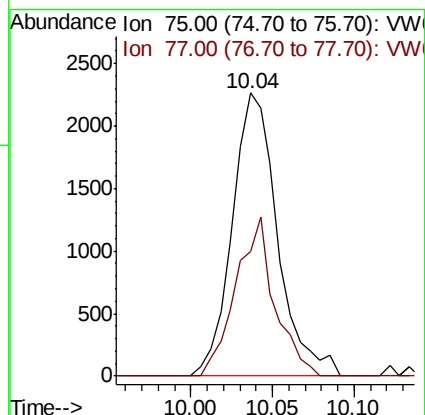
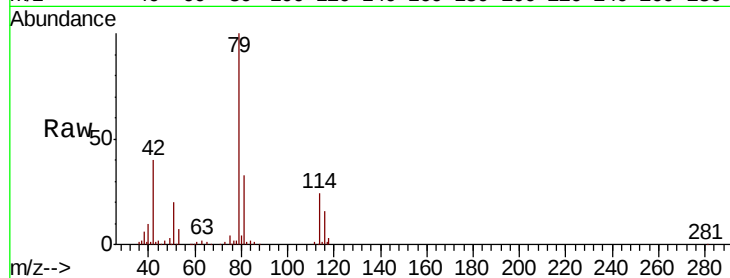
VBLK27

Tot Ion: 75 Resp: 4382

Ion Ratio Lower Upper

75 100

77 44.0 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.306 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016825.D

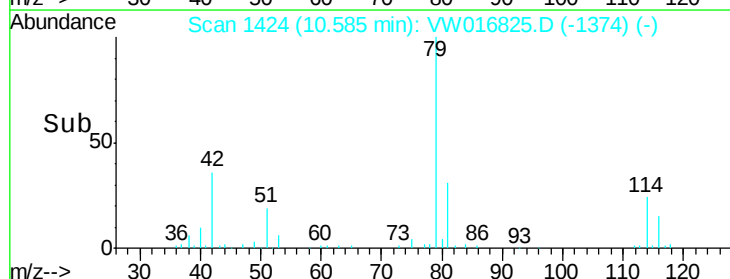
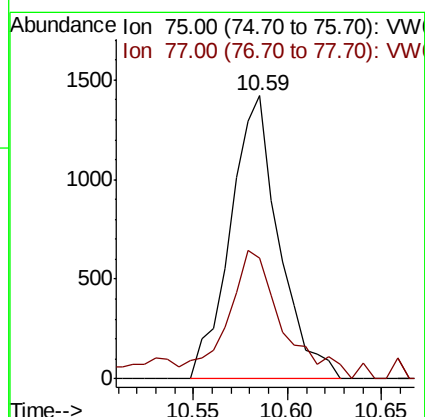
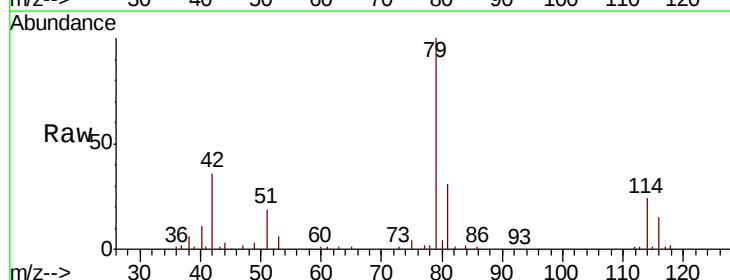
Acq: 07 Oct 2020 10:57

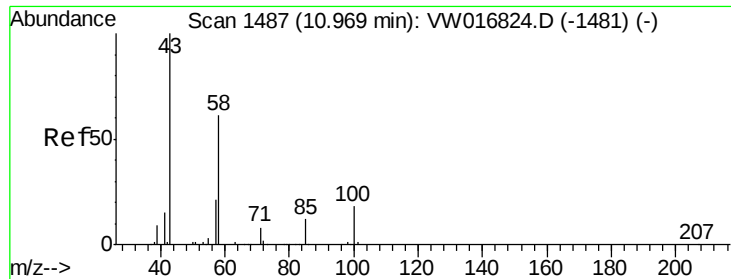
Tgt Ion: 75 Resp: 2544

Ion Ratio Lower Upper

75 100

77 42.6 22.2 41.2#





#49

2-Hexanone

Concen: 2.083 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016825.D

Acq: 07 Oct 2020 10:57

Instrument :

MSVOA_W

ClientSampleId :

VBLK27

Tot Ion: 43 Resp: 4291

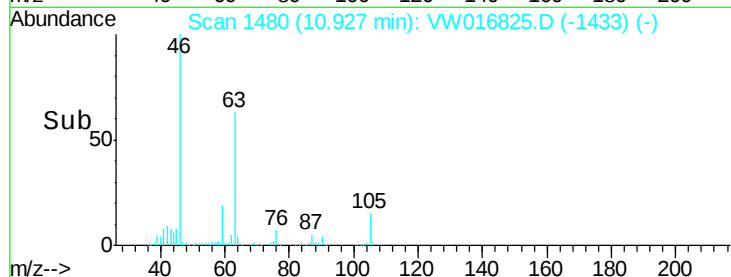
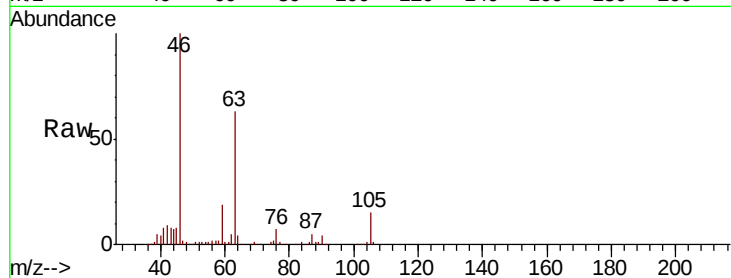
Ion Ratio Lower Upper

43 100

58 27.2 47.1 70.7#

57 27.2 16.2 24.4#

100 0.0 13.3 19.9#

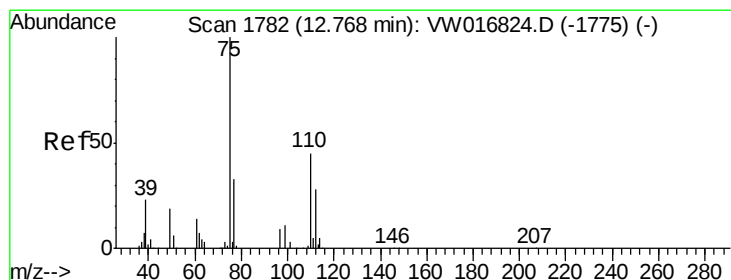
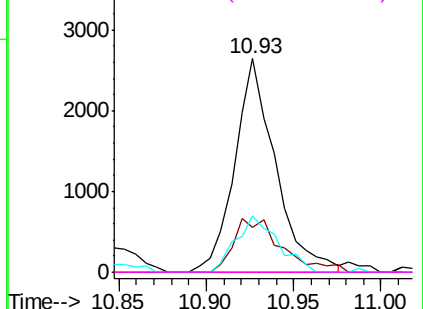


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.052 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016825.D

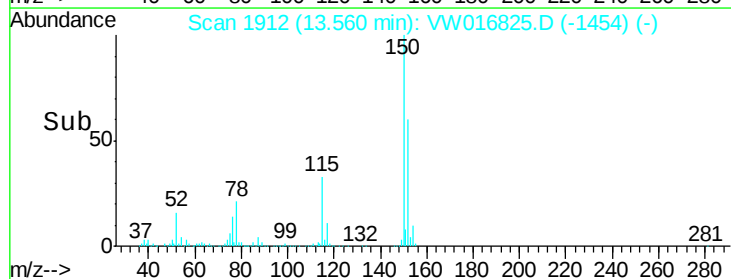
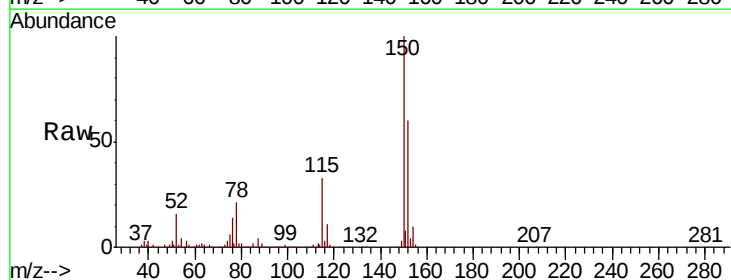
Acq: 07 Oct 2020 10:57

Tgt Ion: 75 Resp: 24419

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

