

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101920\
 Data File : VW016938.D
 Acq On : 19 Oct 2020 10:21
 Operator : SY/VA
 Sample : VW1019SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK01

Quant Time: Oct 20 08:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 08:48:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	491999	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	450592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100765	20.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.04%
7) Chloroethane-d5	2.89	69	89077	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
10) 1,1-Dichloroethene-d2	4.03	63	166144	16.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.48%
20) 2-Butanone-d5	7.08	46	61605	56.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.08%
24) Chloroform-d	7.65	84	256518	24.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.84%
26) 1,2-Dichloroethane-d4	8.31	65	127346	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.60%
29) Benzene-d6	8.27	84	508185	24.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.32%
33) 1,2-Dichloropropane-d6	9.28	67	145315	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	10.33	98	467866	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.92%
38) trans-1,3-Dichloropropene-	10.58	79	58872	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.93	63	50932	59.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122105	27.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	178298	26.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.64%

Target Compounds

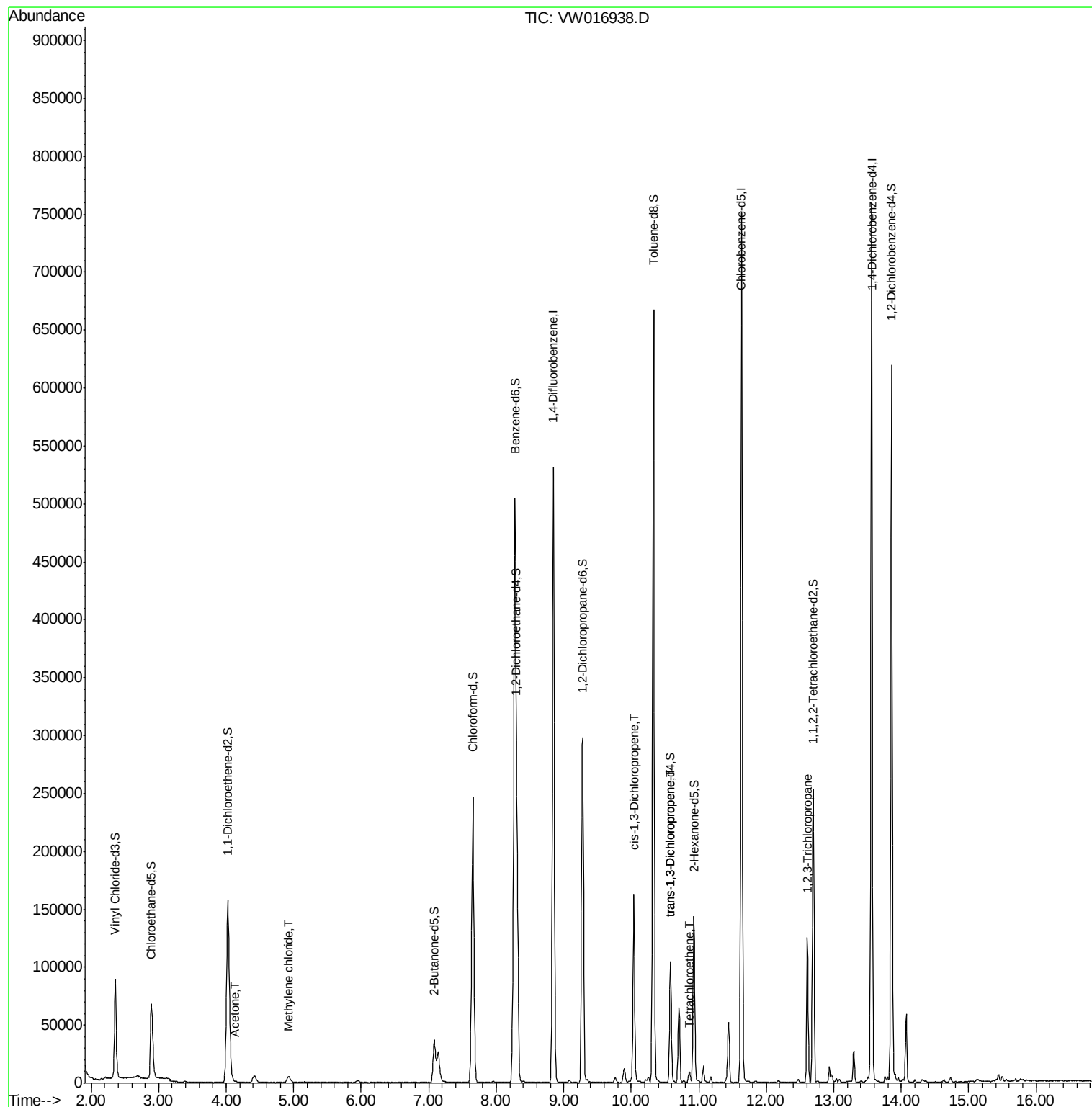
					Ovalue
13) Acetone	4.14	43	731	0.879 ug/L	94
16) Methylene chloride	4.93	84	5051	0.744 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	4087	0.468 ug/L #	54
45) trans-1,3-Dichloropropene	10.59	75	2668	0.363 ug/L	93
47) Tetrachloroethene	10.87	164	1996	0.315 ug/L	86
59) 1,2,3-Trichloropropane	12.60	75	1156	0.325 ug/L	93

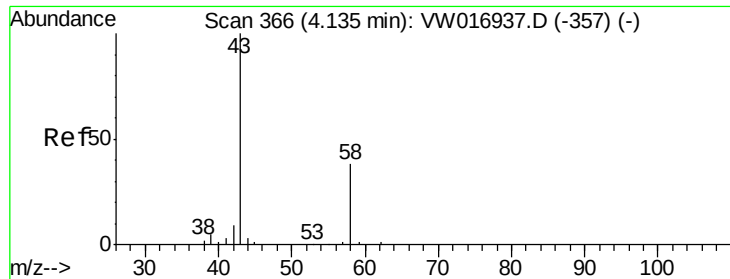
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 08:48:34 2020
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#13

Acetone

Concen: 0.879 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016938.D

Acq: 19 Oct 2020 10:21

Instrument :

MSVOA_W

ClientSampled :

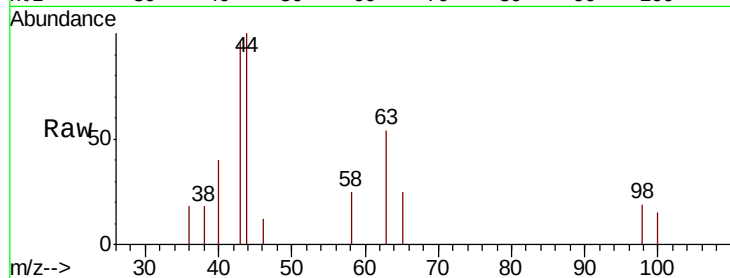
VBLK01

Tot Ion: 43 Resp: 731

Ion Ratio Lower Upper

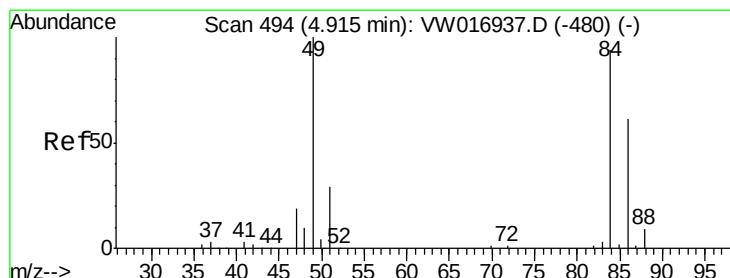
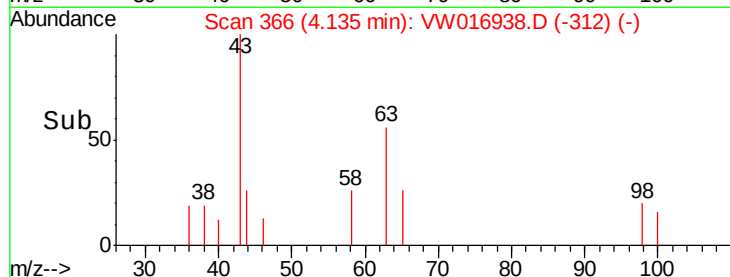
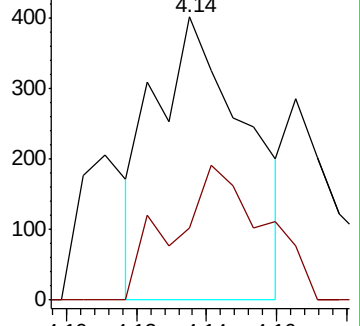
43 100

58 37.3 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 0.744 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016938.D

Acq: 19 Oct 2020 10:21

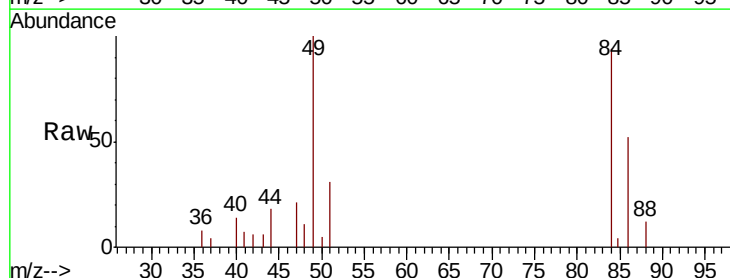
Tgt Ion: 84 Resp: 5051

Ion Ratio Lower Upper

84 100

49 106.4 73.1 135.8

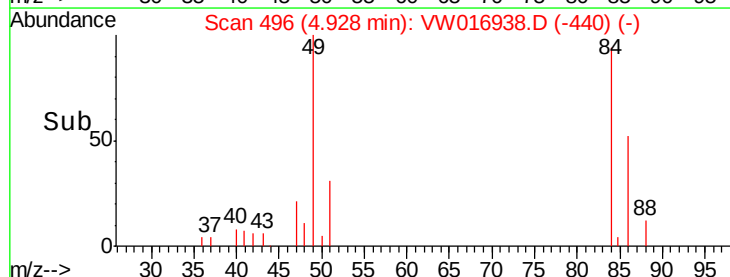
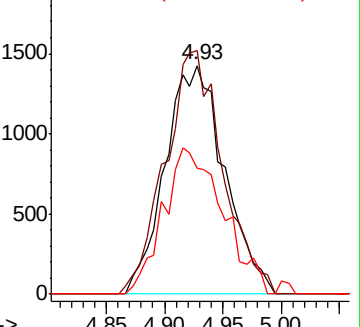
86 55.3 46.0 85.4

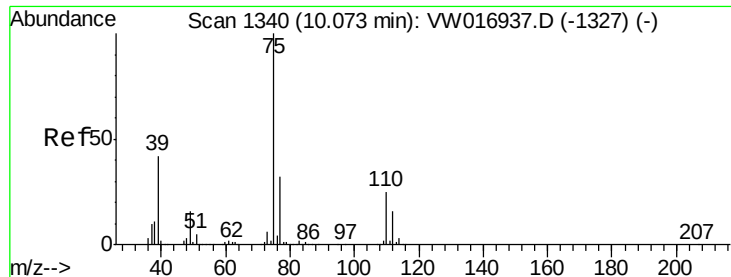


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.468 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016938.D

Acq: 19 Oct 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

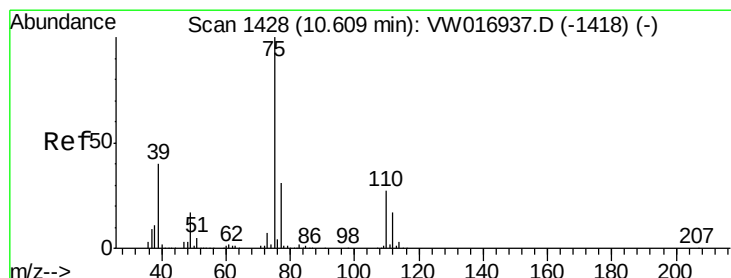
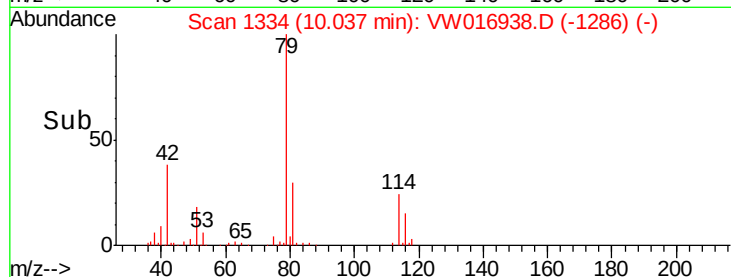
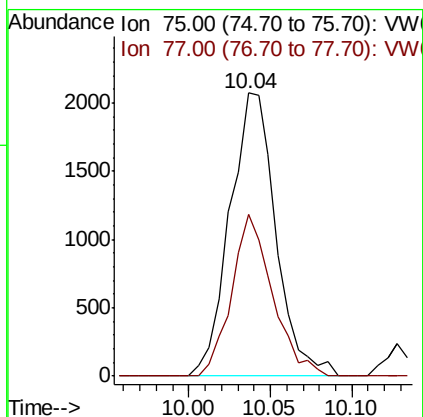
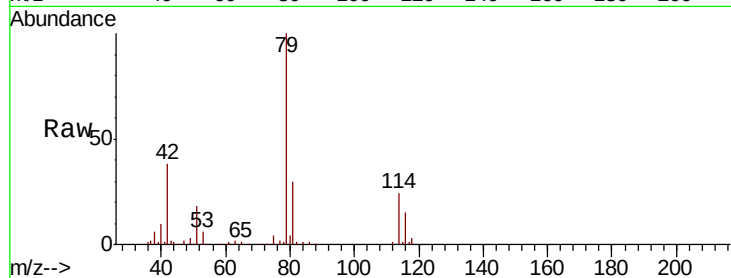
VBLK01

Tot Ion: 75 Resp: 4087

Ion Ratio Lower Upper

75 100

77 57.0 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.363 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016938.D

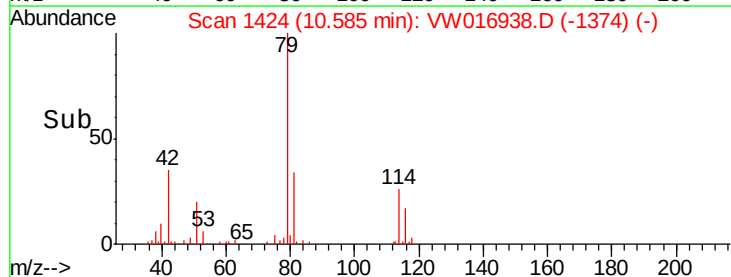
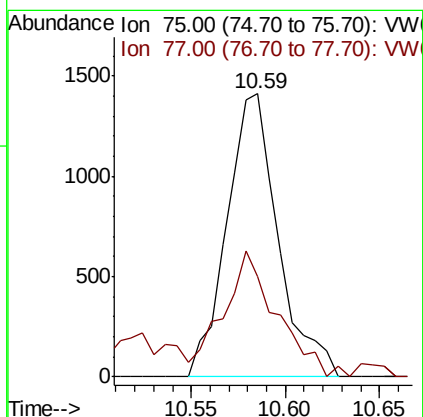
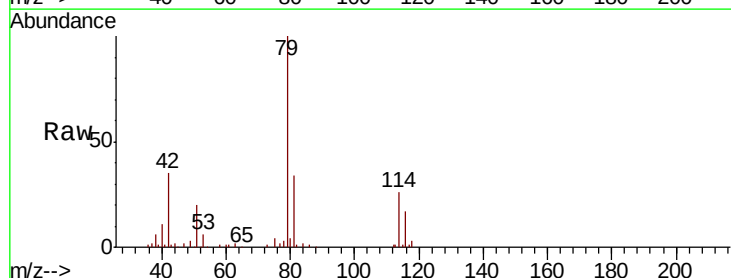
Acq: 19 Oct 2020 10:21

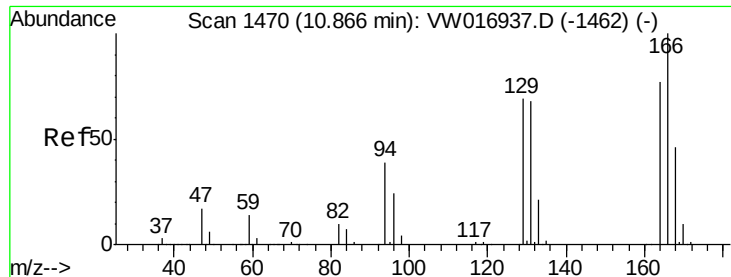
Tgt Ion: 75 Resp: 2668

Ion Ratio Lower Upper

75 100

77 35.6 22.2 41.2





#47

Tetrachloroethene

Concen: 0.315 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016938.D

Acq: 19 Oct 2020 10:21

Instrument :

MSVOA_W

ClientSampleId :

VBLK01

Tot Ion:164 Resp: 1996

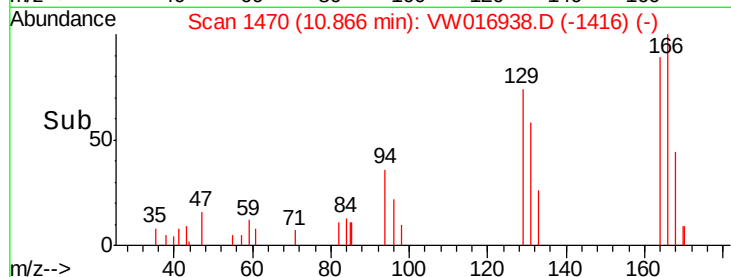
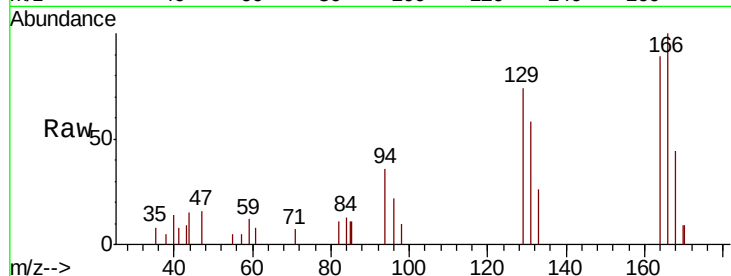
Ion Ratio Lower Upper

164 100

129 82.3 61.7 114.7

131 64.5 59.7 110.9

166 111.8 88.3 164.1

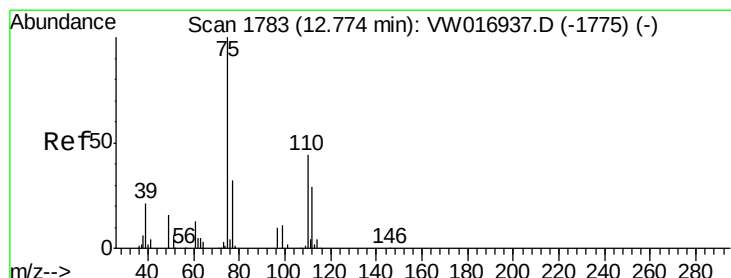
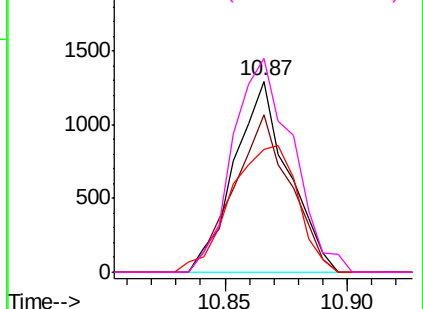


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 0.325 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.17 min

Lab File: VW016938.D

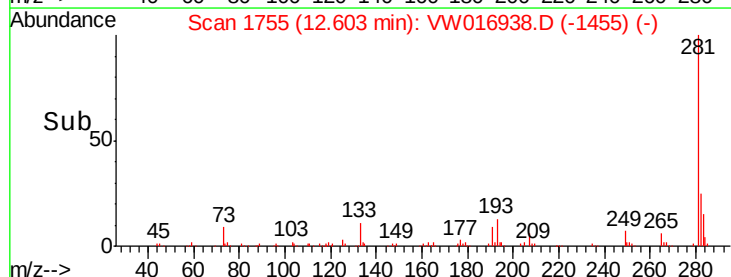
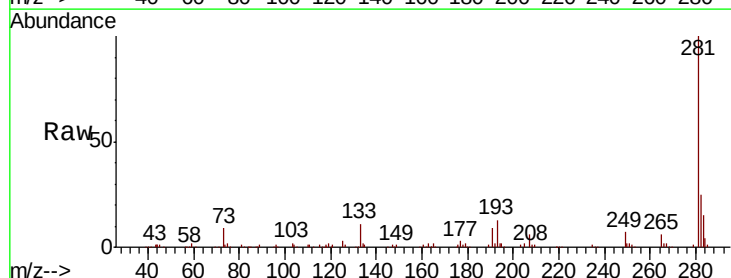
Acq: 19 Oct 2020 10:21

Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

