

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091720\
 Data File : VW016570.D
 Acq On : 17 Sep 2020 11:34
 Operator : SY/VA
 Sample : VW0917SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK16

Quant Time: Sep 18 01:47:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 01:46:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	621068	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	541462	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	267250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	110368	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
7) Chloroethane-d5	2.91	69	95046	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
10) 1,1-Dichloroethene-d2	4.03	63	176137	13.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.44%
20) 2-Butanone-d5	7.09	46	60480	36.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.80%
24) Chloroform-d	7.66	84	277568	21.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.44%
26) 1,2-Dichloroethane-d4	8.44	65	75	0.01	ug/L	0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	505818	20.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.32%
33) 1,2-Dichloropropane-d6	9.28	67	146847	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.24%
37) Toluene-d8	10.33	98	463140	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.56%
38) trans-1,3-Dichloropropene-	10.59	79	68492	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	10.93	63	48697	40.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115870	20.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	189745	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

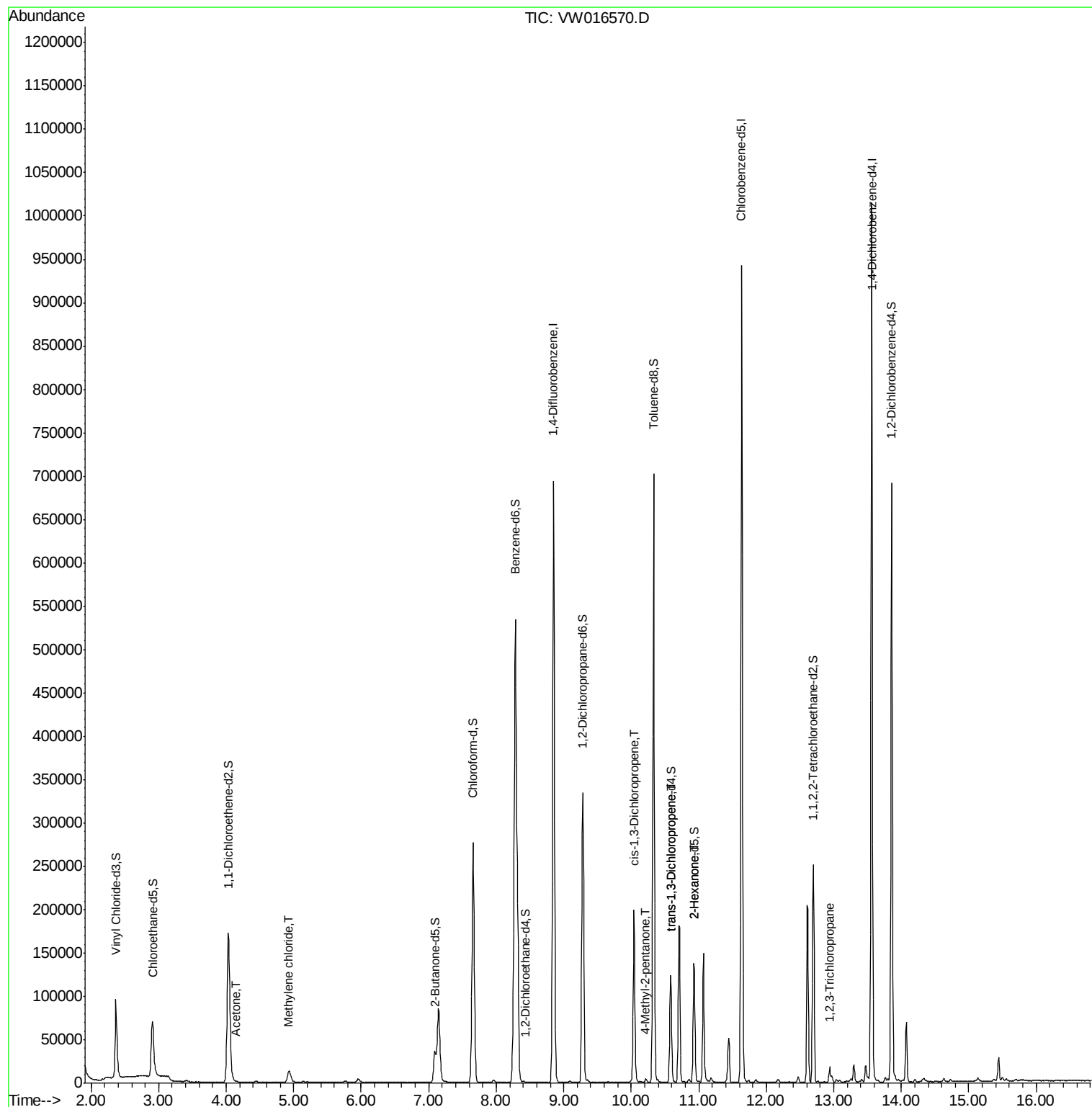
					Ovalue
13) Acetone	4.14	43	768	0.598 ug/L	61
16) Methylene chloride	4.92	84	11303	1.180 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	6062	0.526 ug/L #	78
43) 4-Methyl-2-pentanone	10.21	43	3120	0.728 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	3848	0.384 ug/L	84
49) 2-Hexanone	10.93	43	5861	2.153 ug/L #	66
59) 1,2,3-Trichloropropane	12.93	75	1140	0.241 ug/L	96

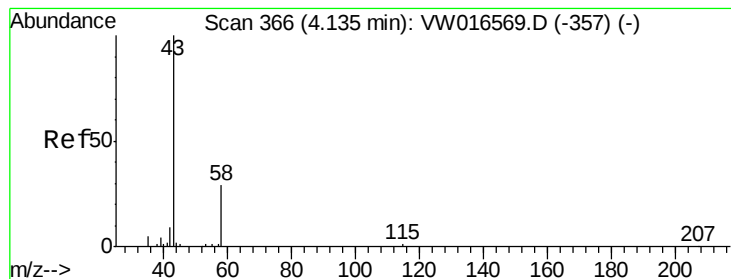
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 18 01:46:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.598 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

Instrument :

MSVOA_W

ClientSampled :

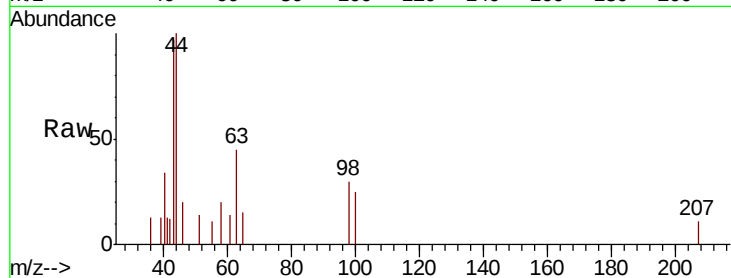
VBLK16

Tot Ion: 43 Resp: 768

Ion Ratio Lower Upper

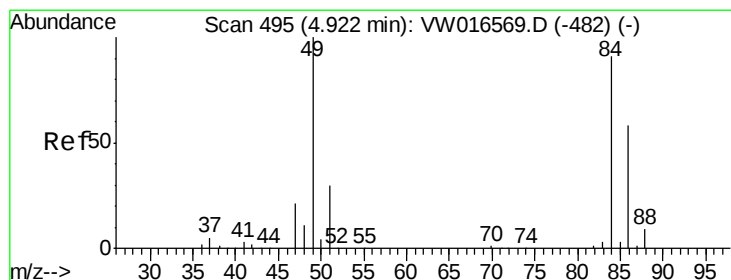
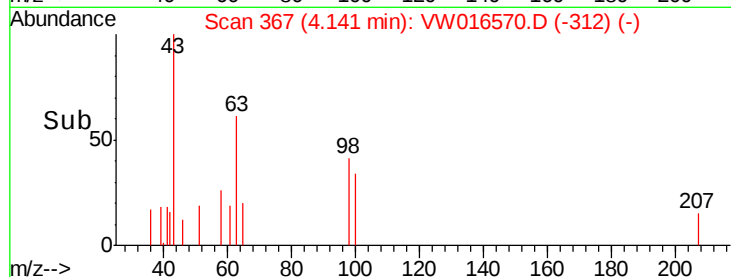
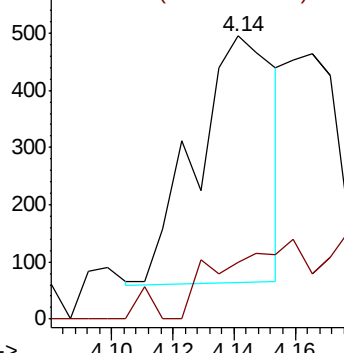
43 100

58 8.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.180 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

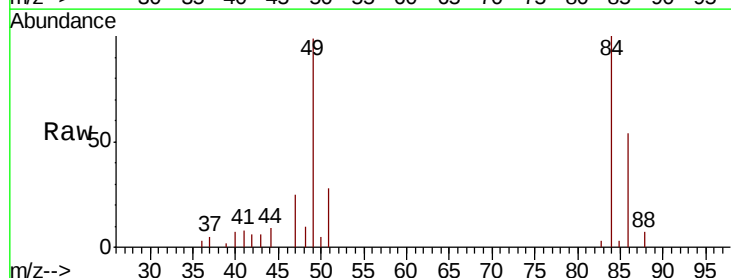
Tgt Ion: 84 Resp: 11303

Ion Ratio Lower Upper

84 100

49 99.2 76.0 141.2

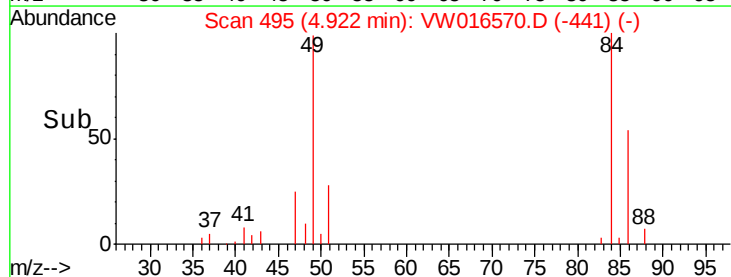
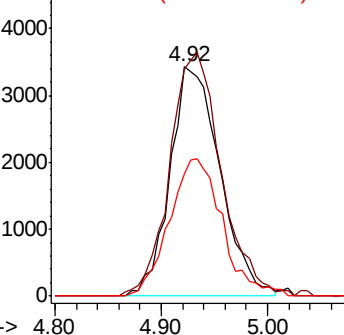
86 53.5 45.6 84.6

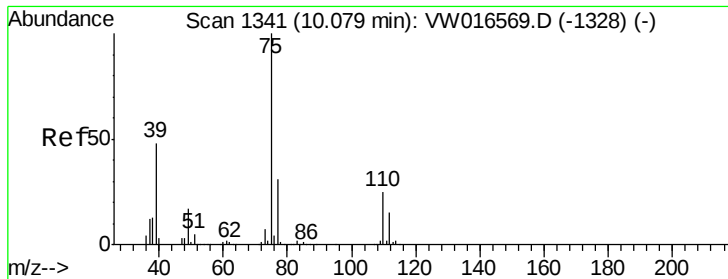


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

Instrument :

MSVOA_W

ClientSampleId :

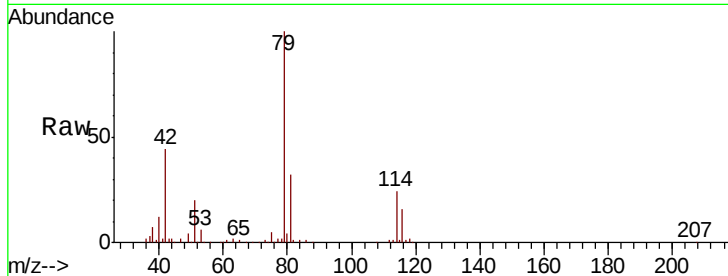
VBLK16

Tot Ion: 75 Resp: 6062

Ion Ratio Lower Upper

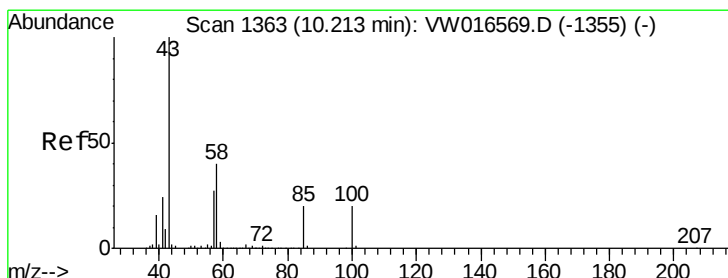
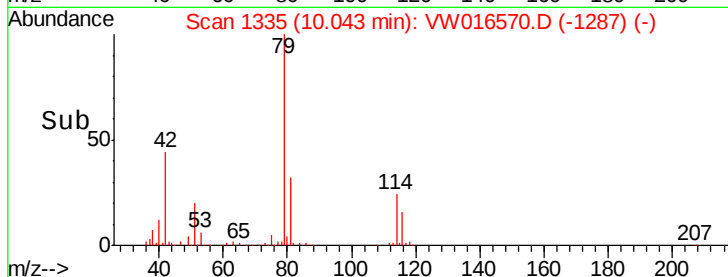
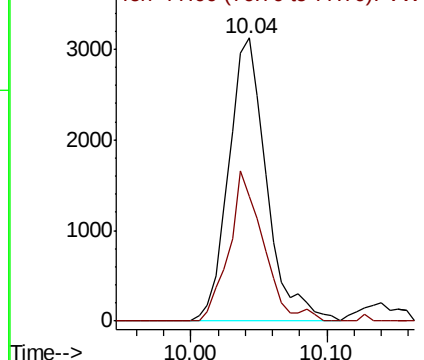
75 100

77 44.0 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 0.728 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

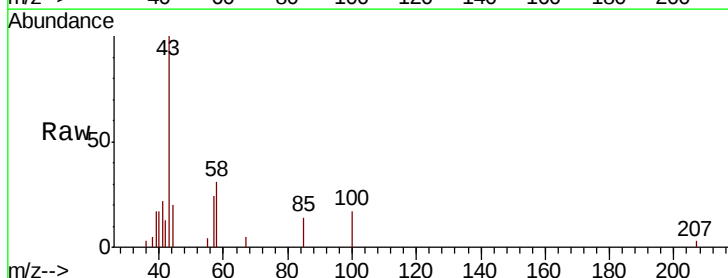
Tgt Ion: 43 Resp: 3120

Ion Ratio Lower Upper

43 100

58 36.8 32.2 48.4

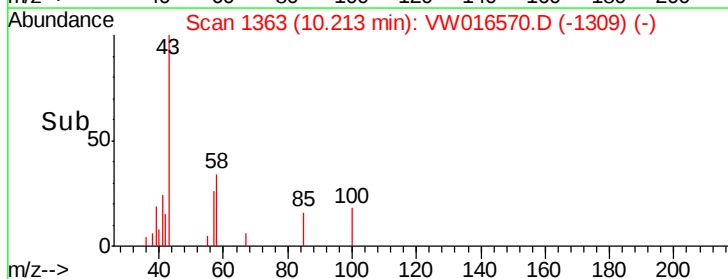
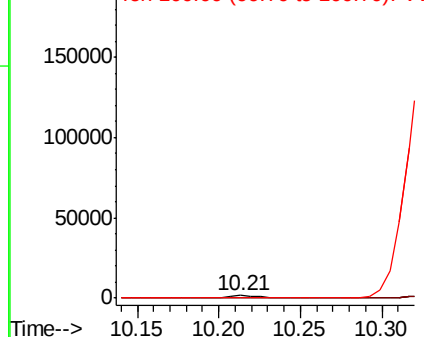
100 16.9 15.8 23.6

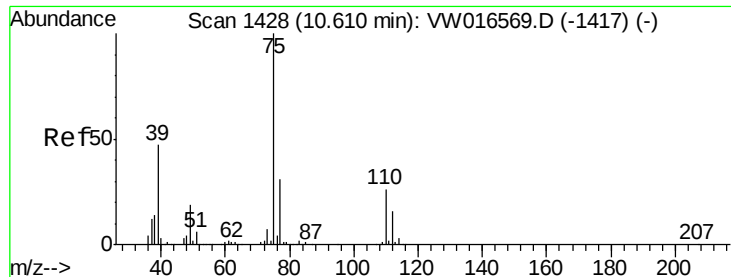


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

Instrument :

MSVOA_W

ClientSampleId :

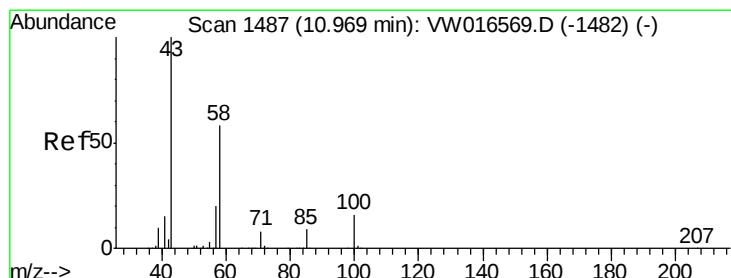
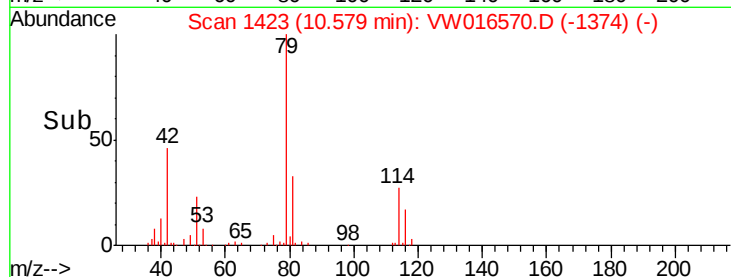
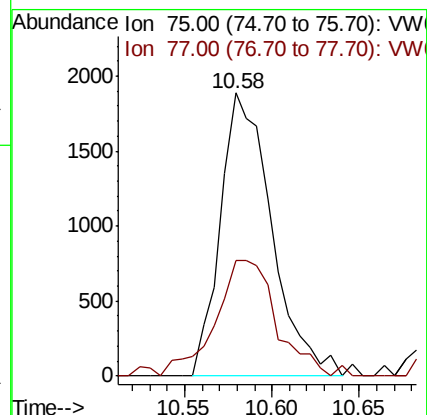
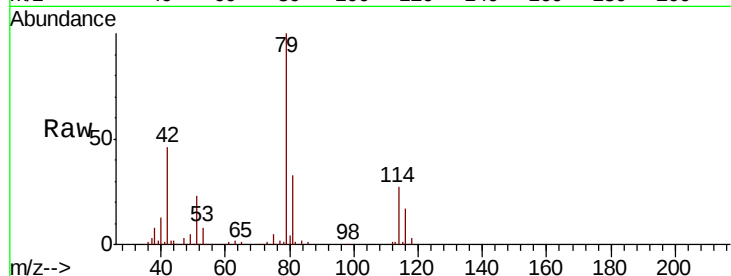
VBLK16

Tot Ion: 75 Resp: 3848

Ion Ratio Lower Upper

75 100

77 41.0 22.5 41.9



#49

2-Hexanone

Concen: 2.153 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

Tgt Ion: 43 Resp: 5861

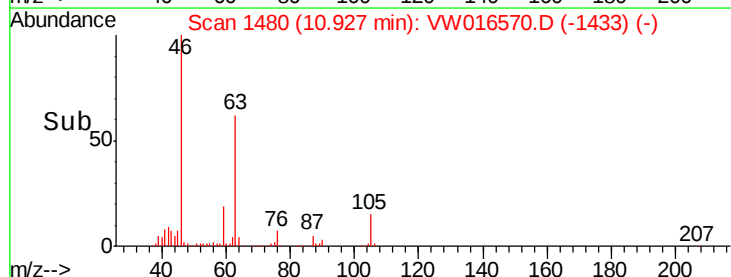
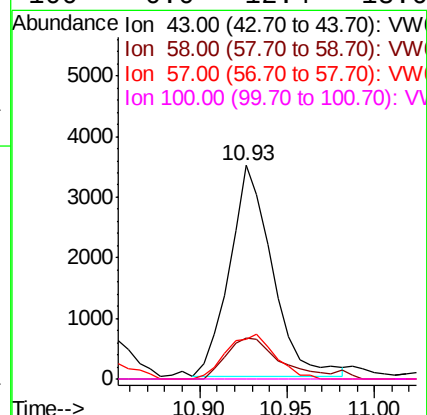
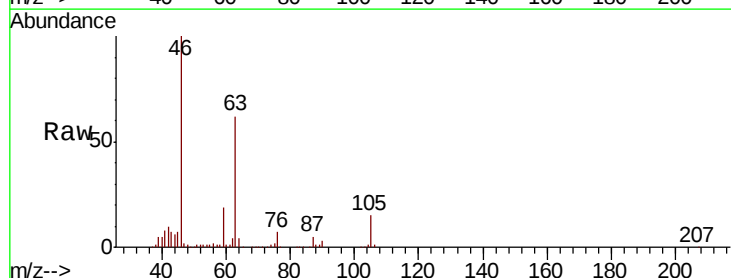
Ion Ratio Lower Upper

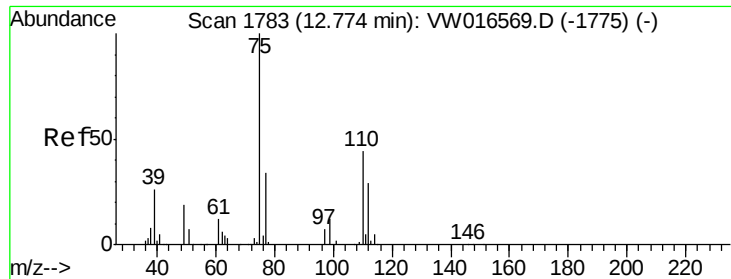
43 100

58 24.6 44.2 66.2#

57 24.2 16.3 24.5

100 0.0 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 0.241 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW016570.D

Acq: 17 Sep 2020 11:34

Instrument :

MSVOA_W

ClientSampleId :

VBLK16

Tot Ion: 75 Resp: 1140

Ion Ratio Lower Upper

75 100

77 35.0 26.2 39.4

