

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070220\
 Data File : VW015778.D
 Acq On : 02 Jul 2020 11:29
 Operator : SY/VA
 Sample : VW0702SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK12

Quant Time: Jul 06 01:15:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 06 01:14:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	293309	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118633	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100490	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
7) Chloroethane-d5	2.90	69	83763	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	4.02	63	140903	16.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.64%
20) 2-Butanone-d5	7.09	46	53872	53.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.24%
24) Chloroform-d	7.65	84	179339	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.31	65	108432	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.28	84	363079	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	107424	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.16%
37) Toluene-d8	10.33	98	324455	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.64%
38) trans-1,3-Dichloropropene-	10.58	79	43773	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.92%
39) 2-Hexanone-d5	10.93	63	38996	50.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86751	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	108799	23.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.60%

Target Compounds

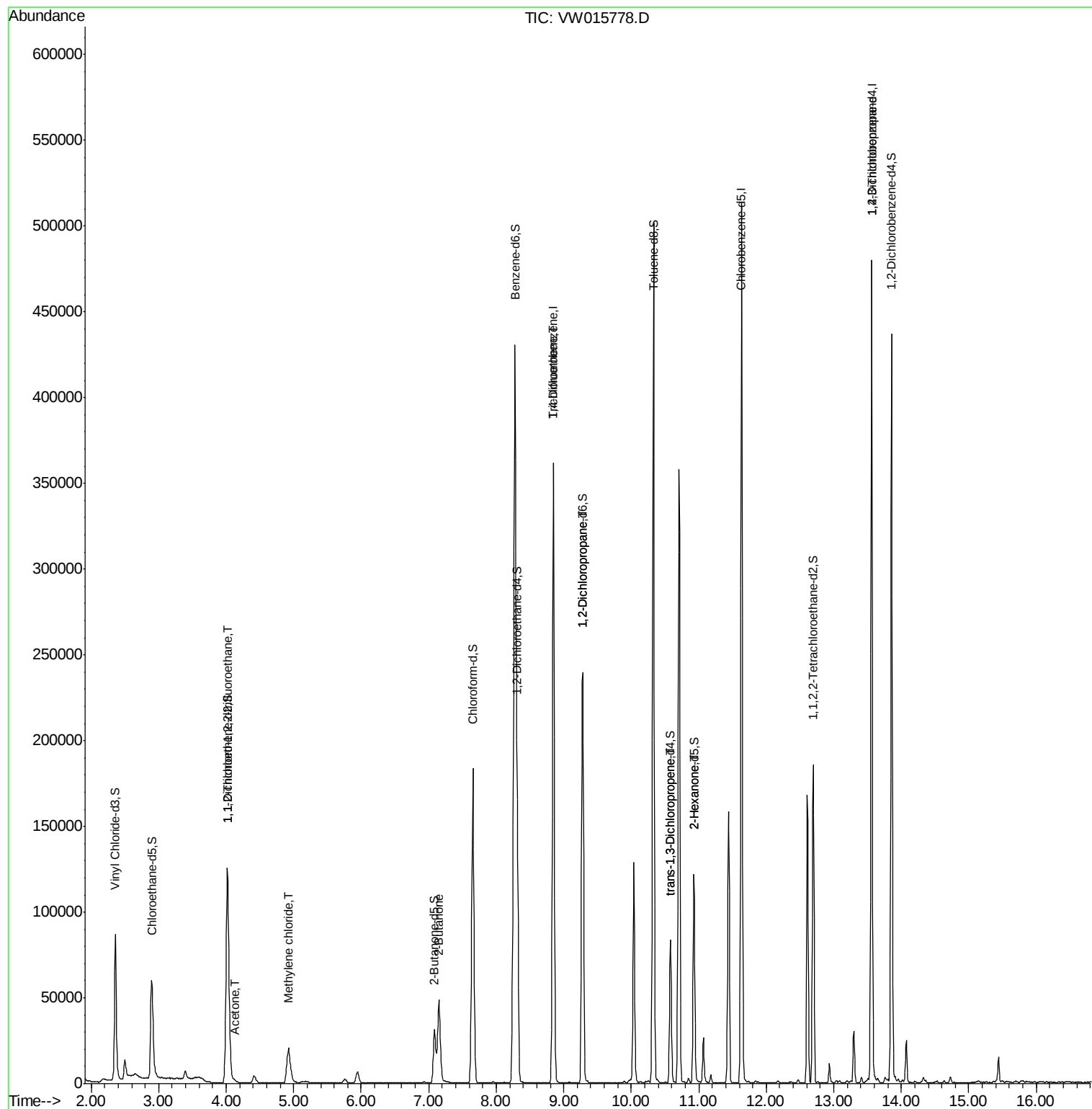
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1328	0.376 ug/L #	20
13) Acetone	4.13	43	2400	2.850 ug/L	93
16) Methylene chloride	4.92	84	16734	3.888 ug/L	95
21) 2-Butanone	7.16	43	4339	4.168 ug/L #	49
35) Trichloroethene	8.85	95	9051	2.289 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	13000	3.602 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2458	0.501 ug/L	90
49) 2-Hexanone	10.93	43	5108	3.444 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	15247	6.511 ug/L	90

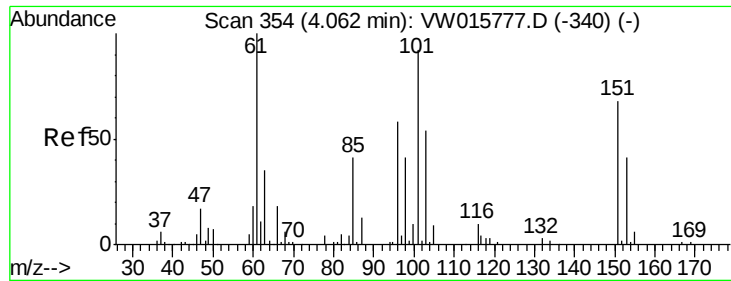
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 06 01:14:02 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.376 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015778.D

Acq: 02 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

VBLK12

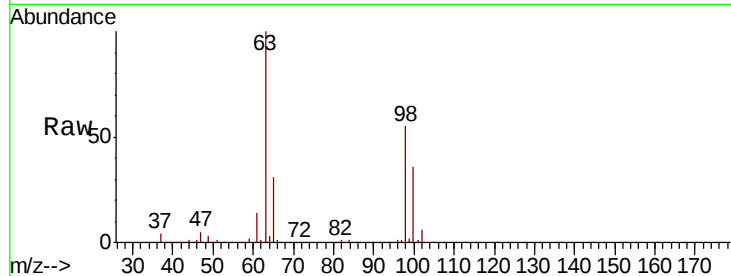
Tot Ion:101 Resp: 1328

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

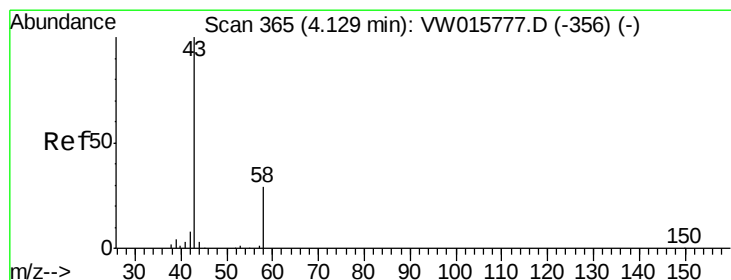
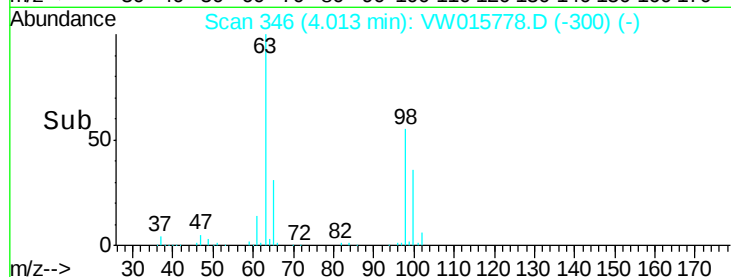
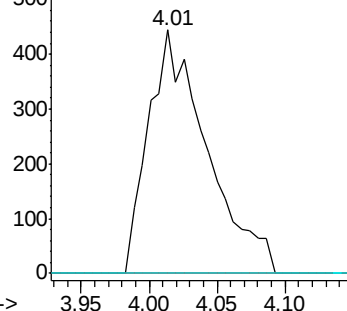
151 0.0 58.6 88.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.850 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015778.D

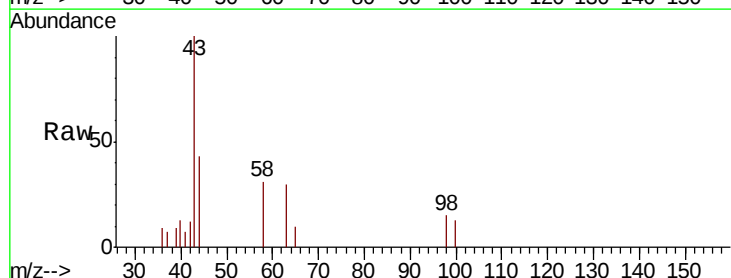
Acq: 02 Jul 2020 11:29

Tgt Ion: 43 Resp: 2400

Ion Ratio Lower Upper

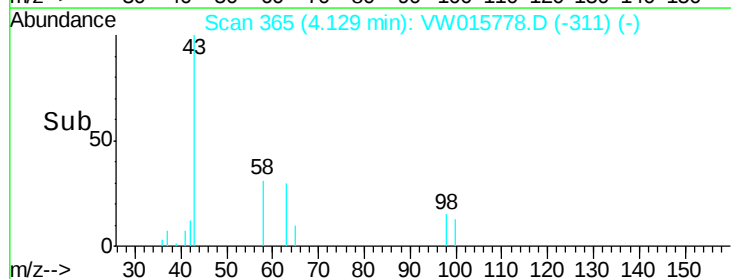
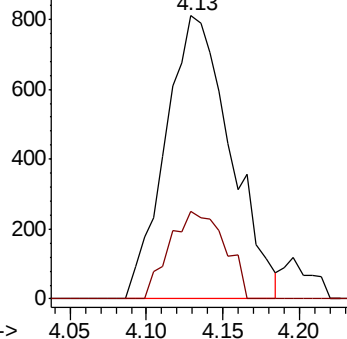
43 100

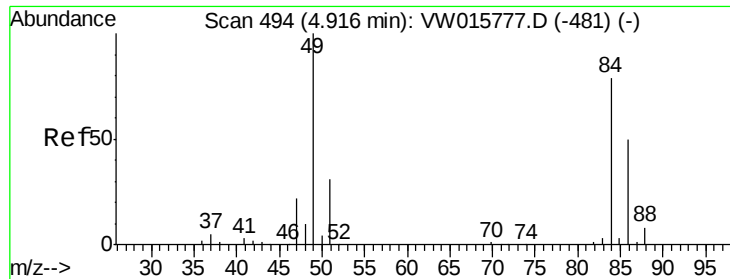
58 26.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

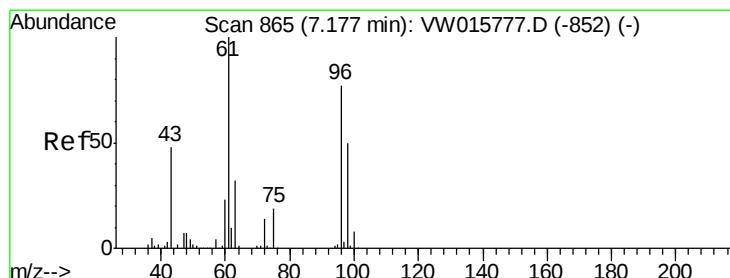
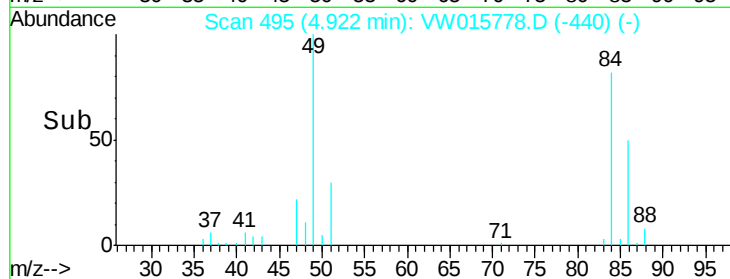
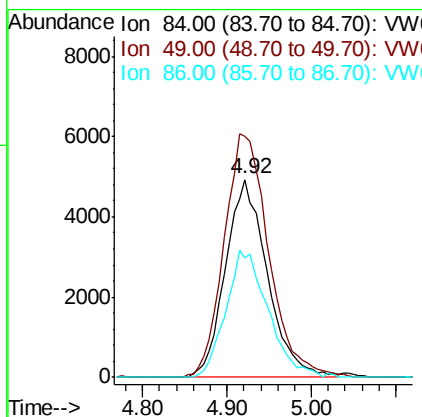
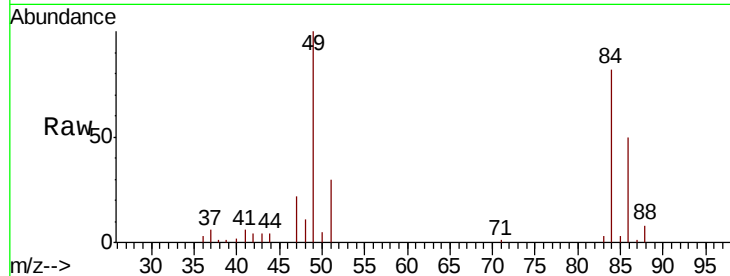




#16
Methylene chloride
Concen: 3.888 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015778.D
Acq: 02 Jul 2020 11:29

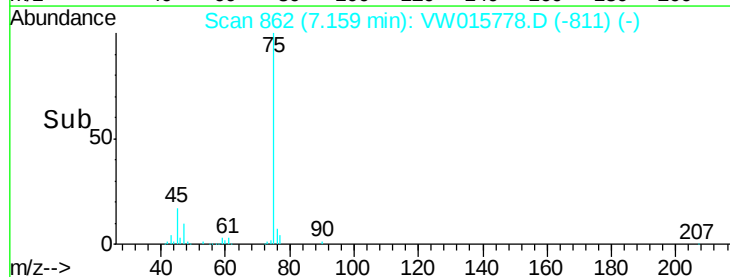
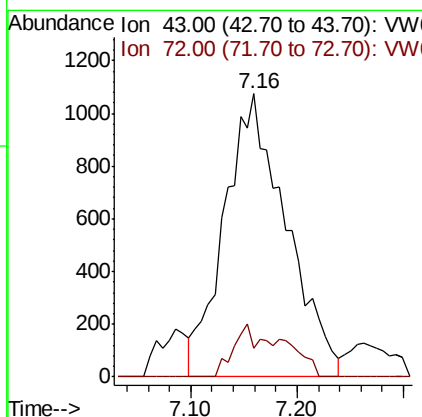
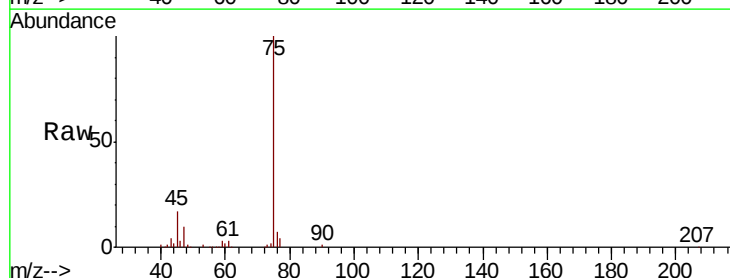
Instrument :
MSVOA_W
ClientSampled :
VBLK12

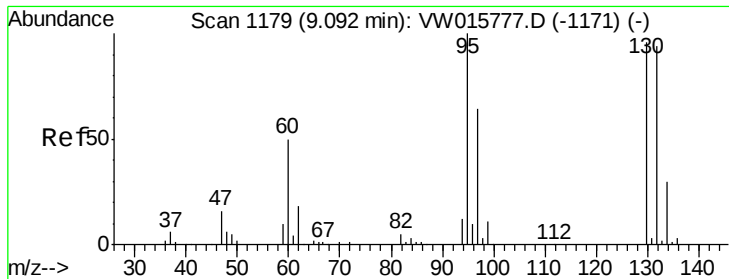
Tot Ion: 84 Resp: 16734
Ion Ratio Lower Upper
84 100
49 122.1 90.0 167.2
86 60.5 44.0 81.8



#21
2-Butanone
Concen: 4.168 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW015778.D
Acq: 02 Jul 2020 11:29

Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
72 0.9 13.7 41.1#





#35

Trichloroethene

Concen: 2.289 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015778.D

Acq: 02 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

VBLK12

Tot Ion: 95 Resp: 9051

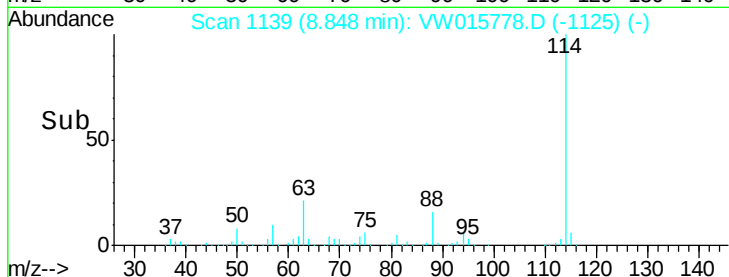
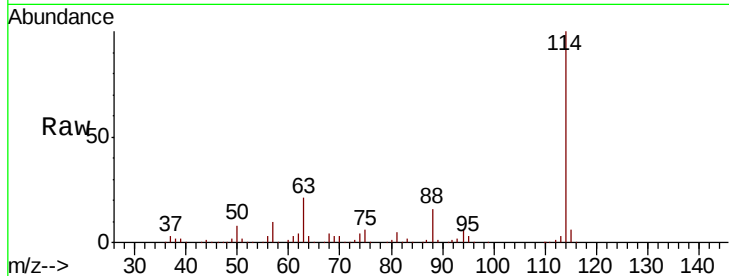
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 67.8 126.0#

130 0.5 70.1 130.1#

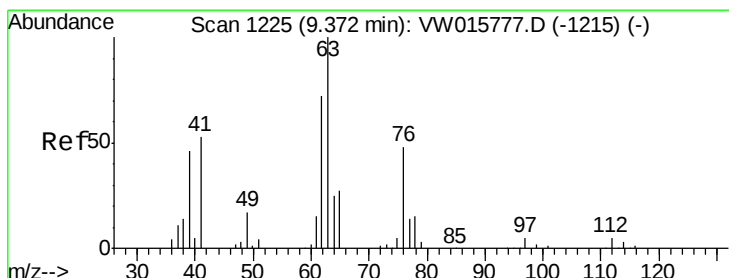
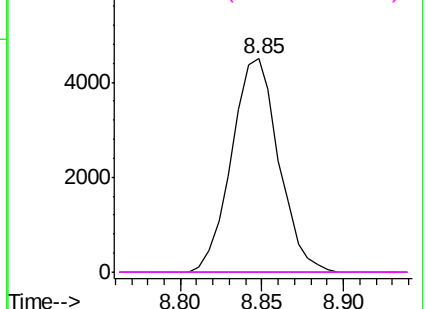


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.602 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015778.D

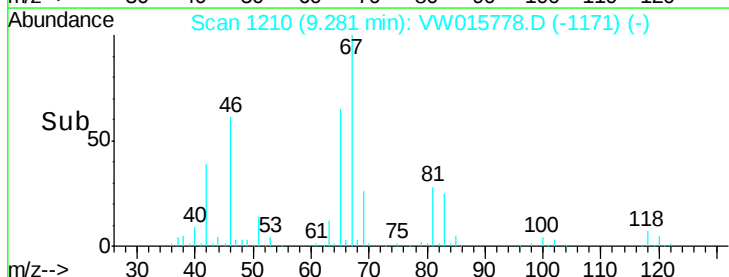
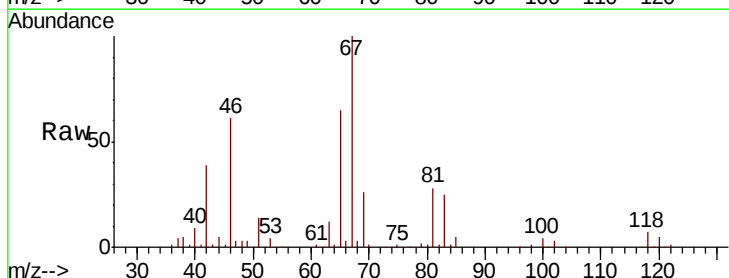
Acq: 02 Jul 2020 11:29

Tgt Ion: 63 Resp: 13000

Ion Ratio Lower Upper

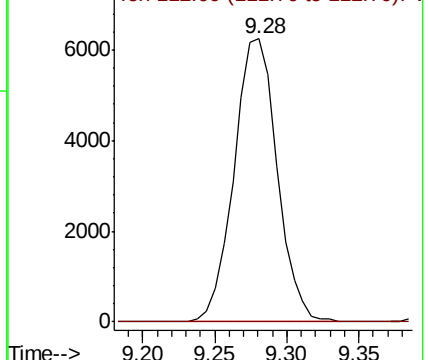
63 100

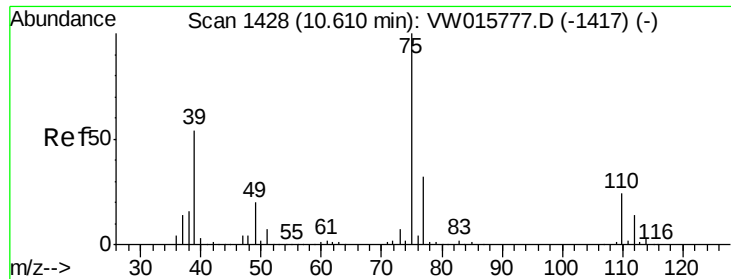
112 0.0 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW015778.D

Acq: 02 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

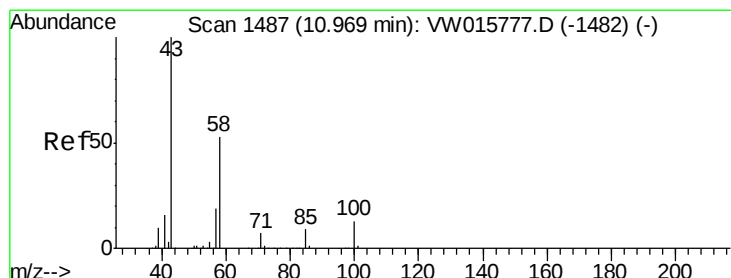
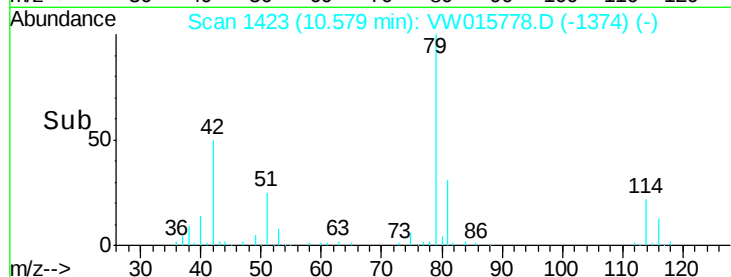
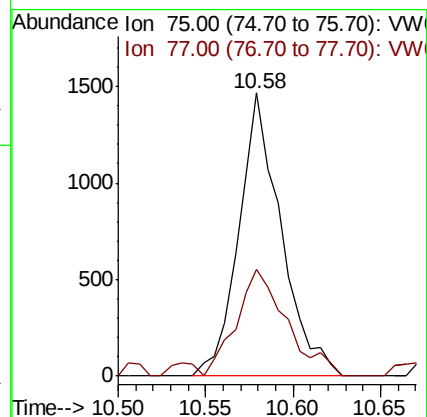
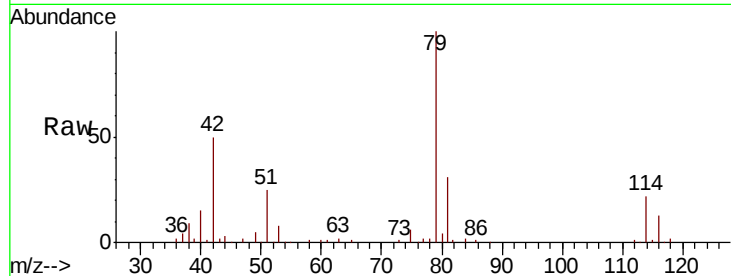
VBLK12

Tot Ion: 75 Resp: 2458

Ion Ratio Lower Upper

75 100

77 37.5 22.5 41.7



#49

2-Hexanone

Concen: 3.444 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015778.D

Acq: 02 Jul 2020 11:29

Tgt Ion: 43 Resp: 5108

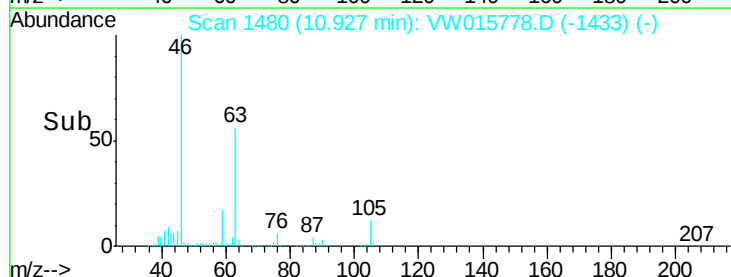
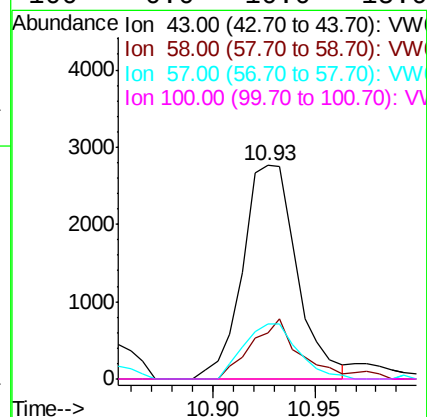
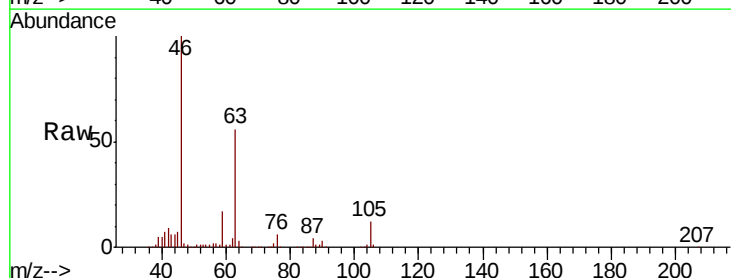
Ion Ratio Lower Upper

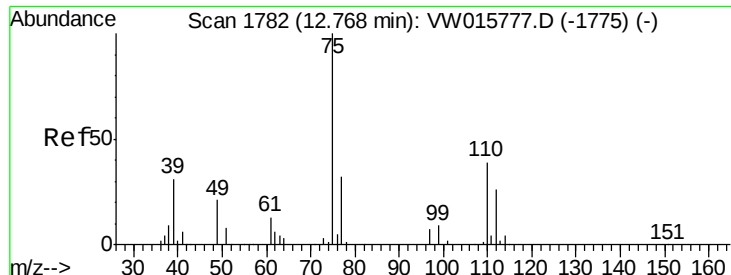
43 100

58 24.2 43.5 65.3#

57 25.9 15.4 23.0#

100 0.0 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 6.511 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015778.D

Acq: 02 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

VBLK12

Tot Ion: 75 Resp: 15247

Ion Ratio Lower Upper

75 100

77 38.0 26.1 39.1

