

Data File : VW017429.D
Acq On : 20 Nov 2020 20:40
Operator : SY/VA
Sample : VW1120SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK09

Quant Time: Nov 21 02:28:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370232	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331339	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	164473	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98416	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
7) Chloroethane-d5	2.89	69	88866	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.64%
10) 1,1-Dichloroethene-d2	4.01	63	148228	15.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.84%
20) 2-Butanone-d5	7.07	46	42082	46.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.50%
24) Chloroform-d	7.65	84	220466	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.31	65	111335	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	8.27	84	439116	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.27	67	116473	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.64%
37) Toluene-d8	10.32	98	427081	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.16%
38) trans-1,3-Dichloropropene-	10.58	79	50791	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.76%
39) 2-Hexanone-d5	10.93	63	35591	53.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93473	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	150093	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

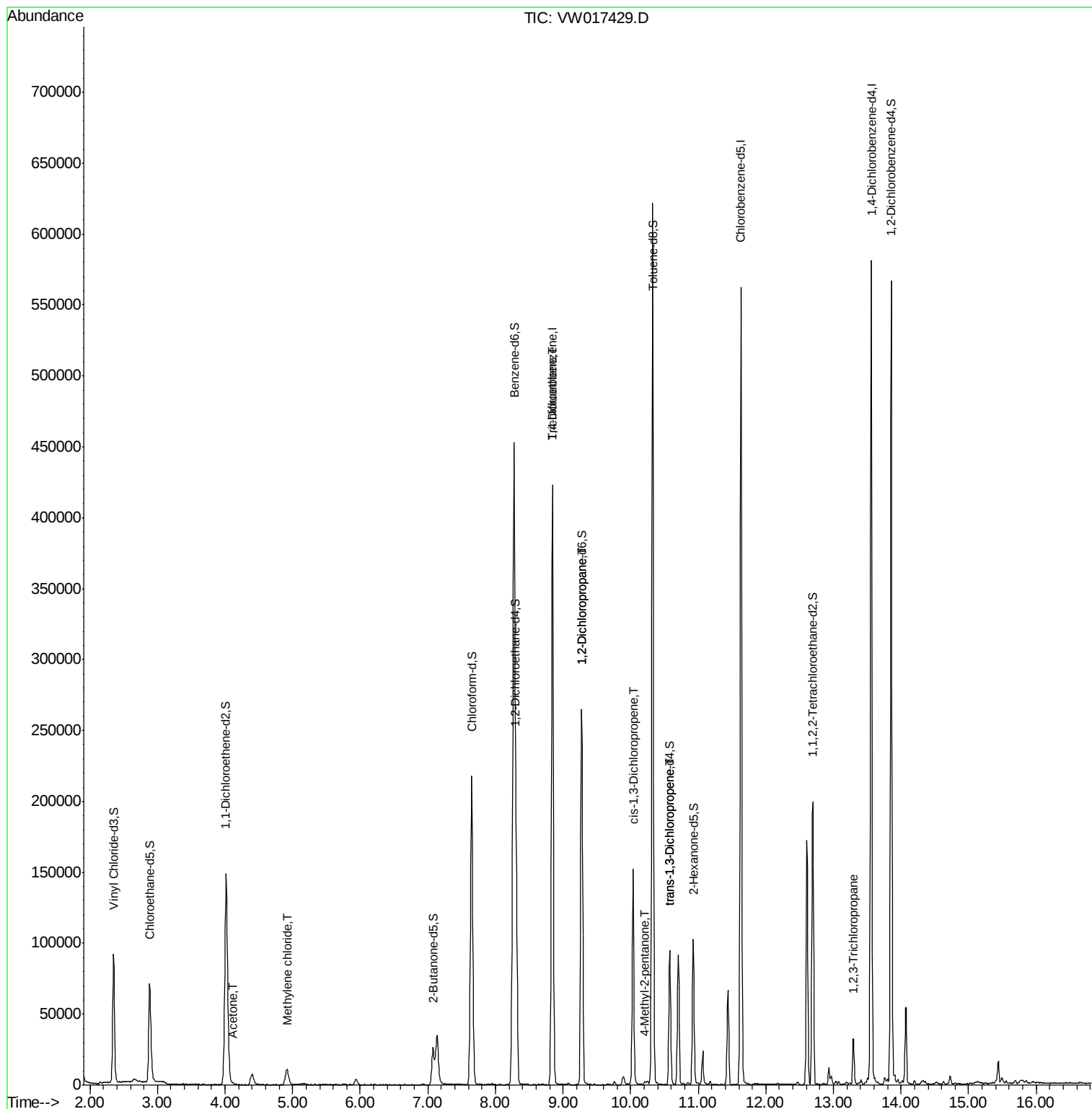
					Qvalue
13) Acetone	4.12	43	343	0.522 ug/L	53
16) Methylene chloride	4.92	84	9671	1.527 ug/L	91
35) Trichloroethene	8.84	95	10823	2.044 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	14792	3.494 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4763	0.725 ug/L #	73
43) 4-Methyl-2-pentanone	10.21	43	1662	0.791 ug/L #	95
45) trans-1,3-Dichloropropene	10.58	75	2837	0.510 ug/L	97
59) 1,2,3-Trichloropropane	13.29	75	642	0.246 ug/L	95

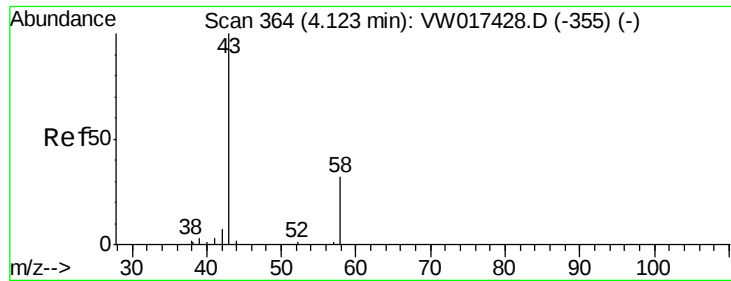
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.522 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

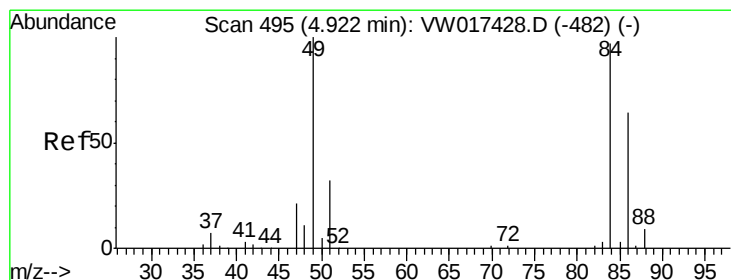
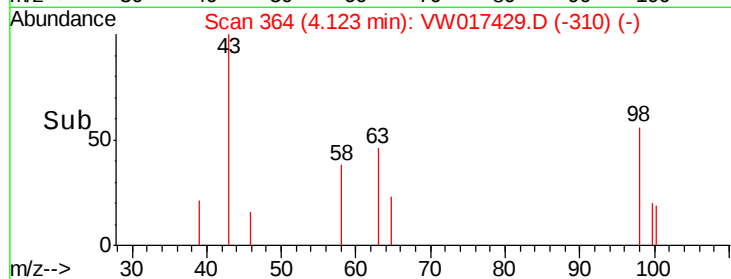
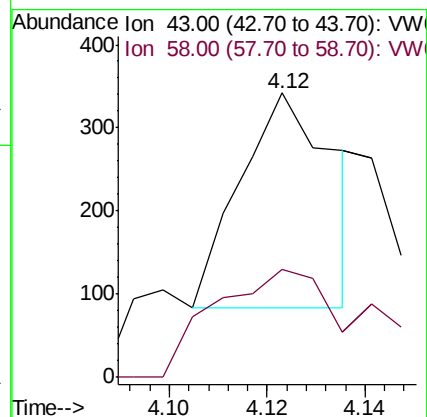
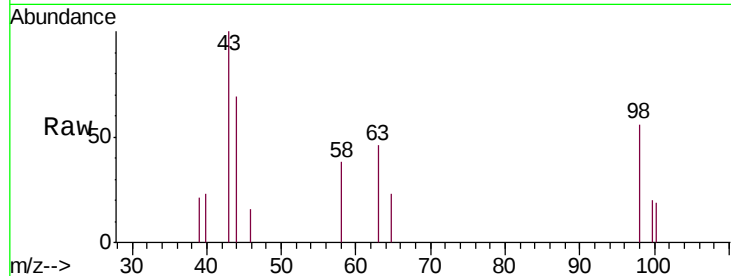
VBLK09

Tgt Ion: 43 Resp: 343

Ion Ratio Lower Upper

43 100

58 60.3 0.0 67.0



#16

Methylene chloride

Concen: 1.527 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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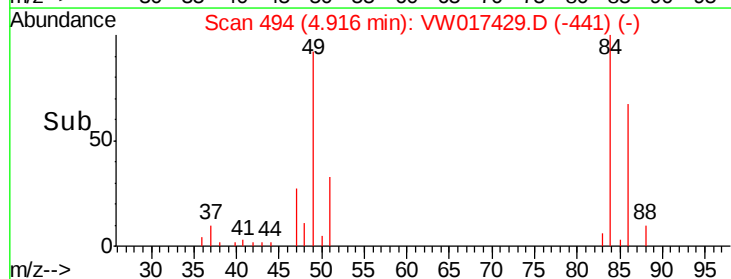
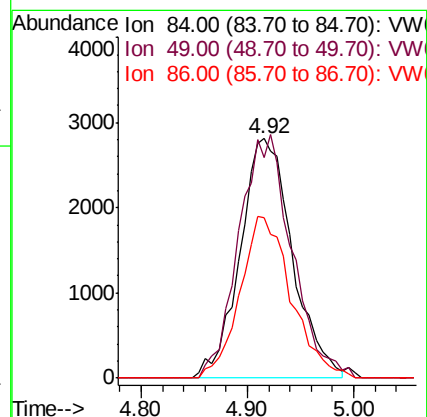
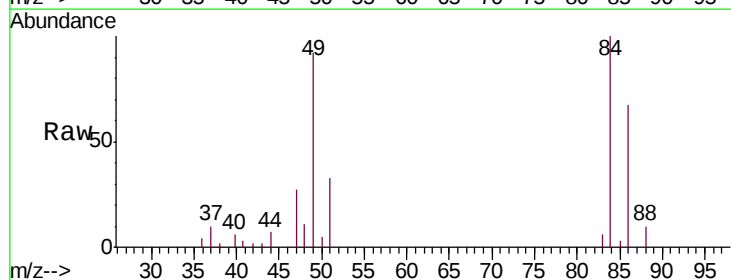
Tgt Ion: 84 Resp: 9671

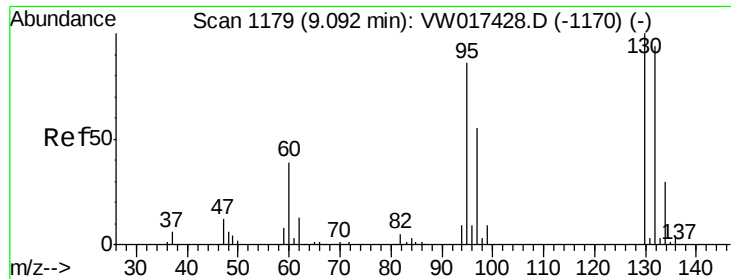
Ion Ratio Lower Upper

84 100

49 92.0 71.5 132.9

86 66.7 42.8 79.4





#35

Trichloroethene

Concen: 2.044 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK09

Tgt Ion: 95 Resp: 10823

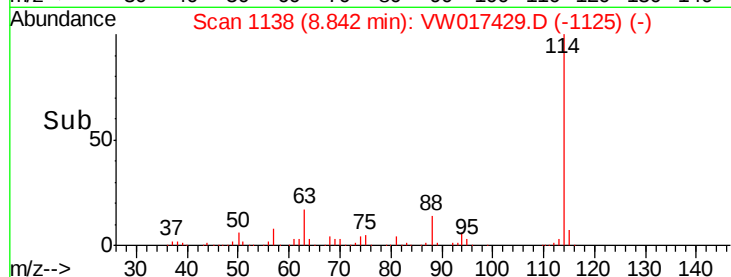
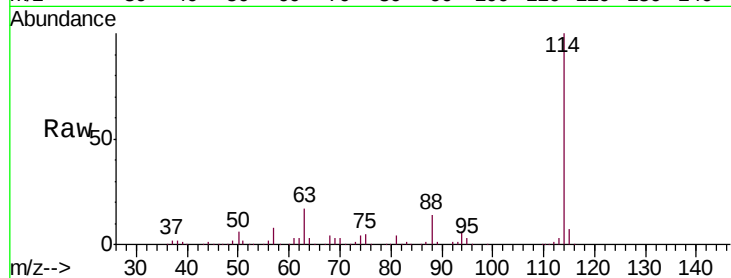
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

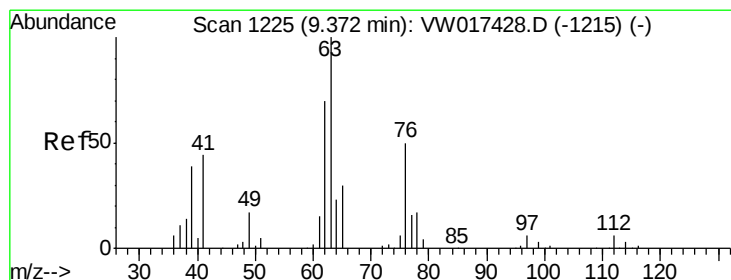
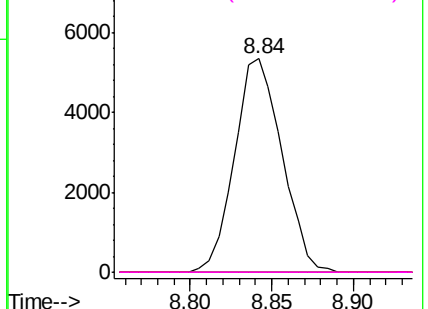


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.494 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017429.D

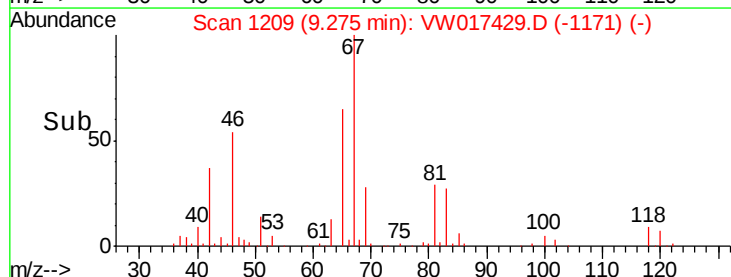
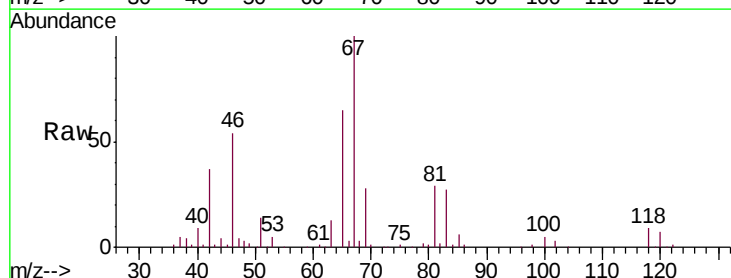
Acq: 20 Nov 2020 20:40

Tgt Ion: 63 Resp: 14792

Ion Ratio Lower Upper

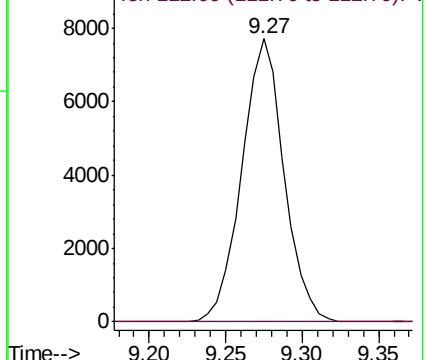
63 100

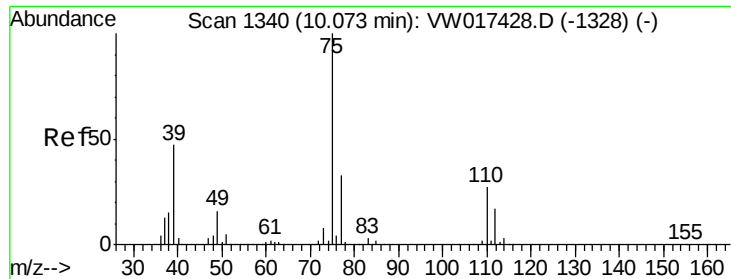
112 0.0 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017429.D

Acq: 20 Nov 2020 20:40

Instrument :

MSVOA_W

ClientSampleId :

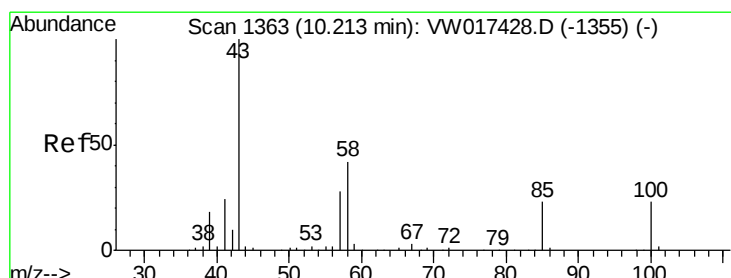
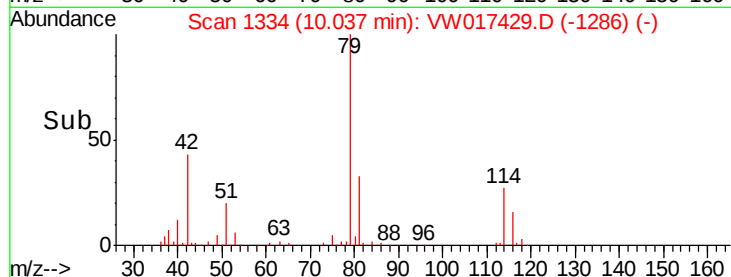
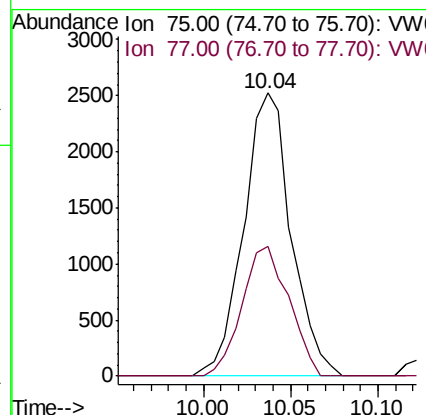
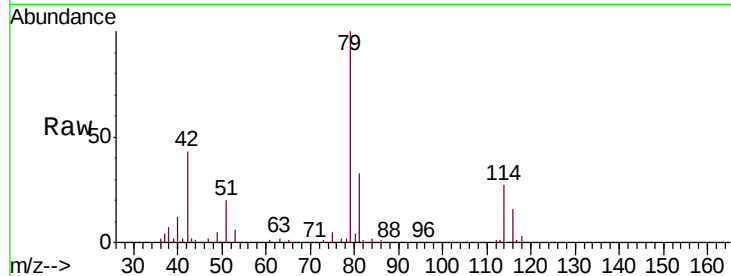
VBLK09

Tgt Ion: 75 Resp: 4763

Ion Ratio Lower Upper

75 100

77 46.0 21.8 40.4#



#43

4-Methyl-2-pentanone

Concen: 0.791 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017429.D

Acq: 20 Nov 2020 20:40

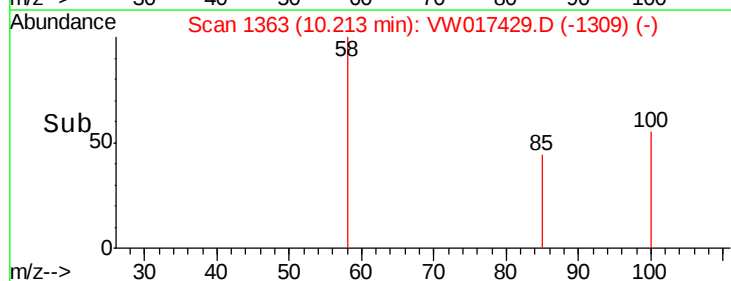
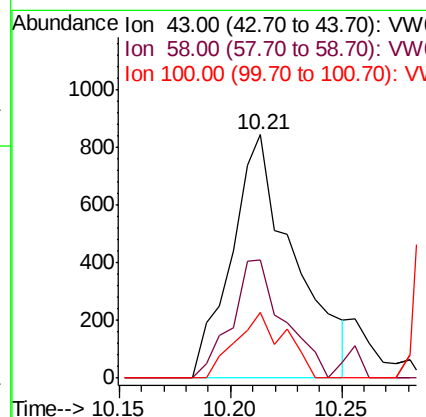
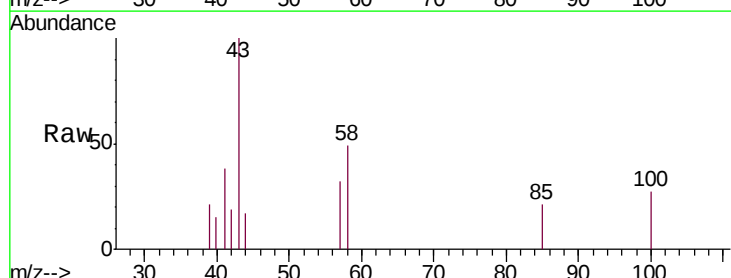
Tgt Ion: 43 Resp: 1662

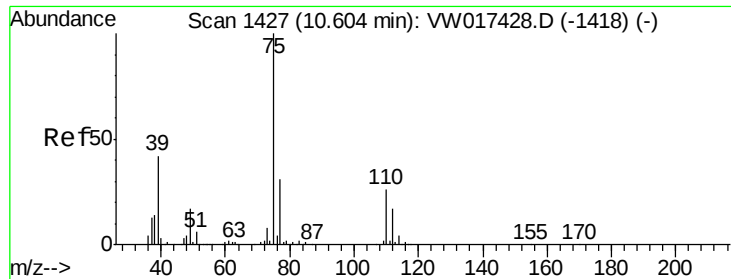
Ion Ratio Lower Upper

43 100

58 40.5 33.4 50.2

100 15.6 16.3 24.5#





#45

trans-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017429.D

Acq: 20 Nov 2020 20:40

Instrument :

MSVOA_W

ClientSampleId :

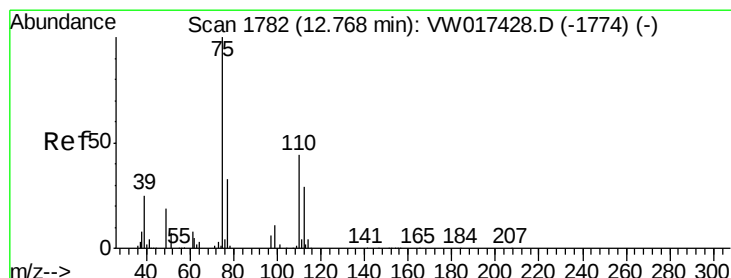
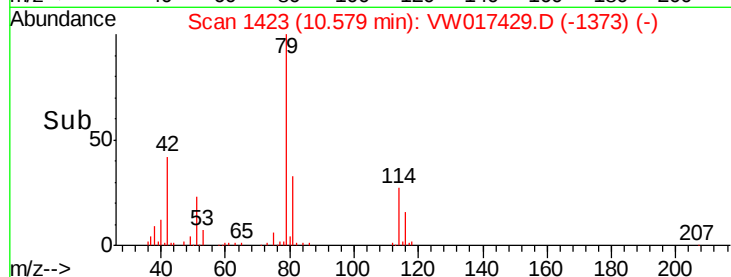
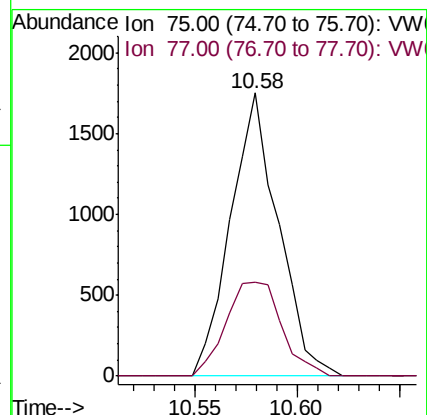
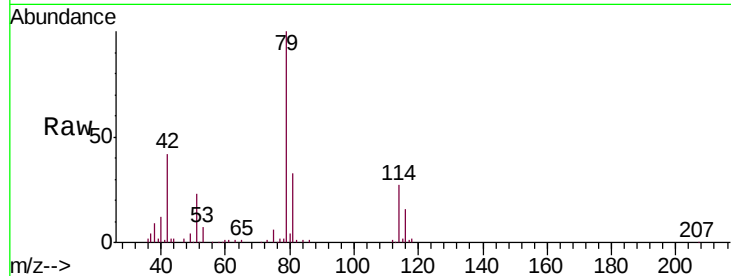
VBLK09

Tgt Ion: 75 Resp: 2837

Ion Ratio Lower Upper

75 100

77 33.1 22.0 40.8



#59

1,2,3-Trichloropropane

Concen: 0.246 ug/L

RT: 13.29 min Scan# 1868

Delta R.T. 0.52 min

Lab File: VW017429.D

Acq: 20 Nov 2020 20:40

Tgt Ion: 75 Resp: 642

Ion Ratio Lower Upper

75 100

77 30.2 26.6 40.0

